



Alcatel-Lucent 5620

SERVICE AWARE MANAGER

ALARM REFERENCE

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1 — 5620 SAM alarm information

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1.1 5620 SAM Alarm Reference overview

The *5620 SAM Alarm Reference* describes all the alarms that the 5620 SAM can raise. The alarms are organized into chapters by NE type, and each alarm is presented in tabular format. Alarms that apply to multiple NE types have multiple entries in this guide; the only difference in the tables for these alarms is the applicable major NE release information.

See the *5620 SAM Troubleshooting Guide* for information about using alarms to troubleshoot the managed network. See the *5620 SAM User Guide* for information about alarm support, policies, and management using the 5620 SAM.

Table 1-1 contains a sample alarm entry.

Table 1-1 EquipmentDegraded

Alarm	Attributes	Applicable major NE releases
Name: EquipmentDegraded (604) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.FanTray	Severity: minor Implicitly cleared: true Default probable cause: singleFanFailure (450)	<ul style="list-style-type: none"> • 10.0 • 6.0 • 7.0 • 8.0 • 9.0
Description: The alarm is raised when a single fan fails. The chassis attempts to continue operating within the normal temperature range using only the remaining fans.		
Raising condition: ('Device State' EQUAL 'MinorFailure')		
Clearing condition: ('Device State' NOT EQUAL 'MinorFailure')		
Remedial action: The failed fan unit should be replaced.		

The table title for an alarm entry is the alarm name. When the same alarm name is found in multiple packages, the table title includes the package name in parentheses. Each alarm entry contains the following information:

- Name—the alarm name, and the alarm name ID in parentheses
- Type—the alarm type, and the type ID in parentheses
- Package—the containing package of the alarm, which maps to a package in the *5620 SAM-O XML Reference*
- Raised on class—the package and object class in *package.class* format
- Severity—the alarm default severity level
- Implicitly cleared—whether the alarm automatically clears when the clearing alarm condition is true
- Default probable cause—the typical probable cause of the alarm, and the probable cause ID in parentheses
- Applicable major NE releases—the major device releases against which the alarm can be raised; the releases are applicable to the device specified in the chapter title
- Description—the alarm description

- Raising condition—a logic statement that describes the internal 5620 SAM parameter values that initiate the raising of the alarm
- Clearing condition—a logic statement that describes the internal 5620 SAM parameter values that initiate the clearing of the alarm
- Remedial action—a statement or series of steps recommended by Alcatel-Lucent as the fault clearance procedure for the alarm

1.2 NE-specific alarm information

This section describes additional alarm support information for specific NEs.

Unspecified NE alarms

Unspecified NE alarms are alarms that are not yet directly associated with one or more NE types.



Note – Associating alarms with specific NE types is an ongoing Alcatel-Lucent effort. For NE-specific information about an unspecified NE alarm, contact Alcatel-Lucent technical support.

5620 SAM platform alarms

5620 SAM platform alarms are alarms that the 5620 SAM raises in response to a condition in the 5620 SAM system that is not associated with an NE, for example, a database fault or the crossing of a disk-capacity threshold.

9471 WMM alarms

The 9471 WMM is based on a platform that supports many different applications. Some of the alarms that are described in this document apply to platform functions that the 9471 WMM does not utilize. Therefore, the 5620 SAM does not raise some of the 9471 WMM alarms listed in this document.

Some 9471 WMM alarm attributes are dynamic and are populated at runtime. Due to their dynamic nature, the following 9471 WMM alarm attributes are assigned generic values in this document:

- severity
- probable cause
- alarm type



Note – 9471 WMM alarms are provided in this document as a courtesy to assist in alarm identification and mapping. The *Alcatel-Lucent 9471 Wireless Mobility Manager (WMM) Alarm Dictionary 418-111-208* is the primary source for 9471 WMM alarm information.

eNodeB alarms and events

The eNodeB supports the following notification types:

- Alarms—fault notifications that are assigned one of the standard severity levels. Alarms are displayed in the alarms window and the Faults tab of NE and object properties forms.
- Events—notifications or warnings about specific NE actions. Events are displayed in the Events Log tab of the ENB Equipment properties form on a per-NE basis.

Each alarm that originates from an eNodeB is named with an InfoKey ID. An alarm that the 5620 SAM raises in response to network conditions that involve an eNodeB is named using the standard format.

See the *Alcatel-Lucent 9412 eNodeB Alarms and Events Reference Guide* for more information about eNodeB alarms and events, including impact to network operation.

Specific problem field for eNodeB alarms

The user-friendly name of eNodeB InfoKey alarms and events is represented by the “specific problem” field in the 5620 SAM alarm schema. In this document, the specific problem is appended to the alarm table title and displayed inside the table along with the specific problem ID number.

ADAC alarms

eNodeB alarms that are defined with Alarm Nature = ADAC (auto....) are shown in 5620 SAM GUI as Implicitly cleared = “true” and are represented in the 9400 NEM with Alarm Nature = ADAC ().

eNodeB software upgrade alarms

The 5620 SAM raises the NodeUpgraded info alarm when a managed eNodeB successfully undergoes an upgrade to a major software release, such as from LA6.0 to LR13.1.L. The 5620 SAM does not raise the alarm for software updates to maintenance releases or corrective loads within a major release, such as from LR13.1.L to LR13.1.L CL1.

9500 MPR alarms

See *Alcatel-Lucent 9500 MPR Maintenance and Trouble Clearing* for a listing of detailed remedial action procedures for 9500 MPR alarms.

1830 PSS alarms

See the *Alcatel-Lucent 1830 PSS Maintenance and Trouble-clearing User Guide* for a listing of detailed remedial action procedures for 1830 PSS alarms.

External EMS alarms

Alarms that originate from external EMS that the 5620 SAM can manage, such as the 9959 NPO, are often dynamic and can be customized by users. The 5620 SAM has no information about an external EMS alarm until the alarm is sent to the 5620 SAM. Therefore, external EMS alarms are not described in this document. See the documentation of the relevant EMS for more information about the alarms that it can send to the 5620 SAM.

1.3 Alarm information in other formats

The alarm information in this document is also available in CSV and XML formats. You can use the `alarmDetails.csv` and `alarmDetails.xml` alarm reference files to tailor the alarm information to your requirements. For example, you can compare the files to determine what alarm information changes between 5620 SAM releases. Contact your Alcatel-Lucent support representative for more information.

1.4 OSS alarm monitoring

See the *5620 SAM XML OSS Interface Developer Guide* for information about managing alarms using a 5620 SAM OSS client.

1.5 New alarms by 5620 SAM release

This section lists the new alarms for each 5620 SAM release by alarm name and alarm ID. Consider the following statements when reviewing the information in this section:

- The alarm name identifies an alarm in the 5620 SAM GUI. The alarm ID identifies an alarm over OSSI.
- Alarm IDs are unique. When an alarm is no longer supported by the 5620 SAM, the alarm ID is not reused by a new alarm.
- If an alarm is renamed, it is typically assigned a new alarm ID. Therefore, renamed alarms can be listed in this section as new. These alarms existed under different alarm names and alarm IDs in previous releases of the 5620 SAM.

For more information about the alarms listed in this section, see the relevant alarm information tables in the NE-specific chapters of this document.

Maintenance releases

Some maintenance releases may not be listed in this section because no new alarms were added.

New alarms for 5620 SAM Release 12.0 R7

Table 1-2 lists the new alarms for 5620 SAM Release 12.0 R7.

Table 1-2 New alarms for 5620 SAM Release 12.0 R7

Alarm name	Alarm ID
ActiveFailedCrossConnectionProblem	8213
ActiveFailedEndpointFailure	8214
ActiveFailedPreemption	8215
ActiveFailedTransmissionProblem	8216
ActiveFailedUnprotected	8217
BackupUnavailable	8218
BSR_gTPULocalPortWCDMAFailure	8169
BSR_spareBSRAAlarm1	8170
BSR_spareBSRAAlarm2	8171
BSR_spareBSRAAlarm3	8172
BSRlinkloss	8173
CertificateEnrollment_certificateEnrollmentFailure	8174
CertificateEnrolment_certificateEnrolmentFailure	8175
DPRDegraded	8219
DPRDown	8220
DPRNetworkVersionMismatch	8221
DuplexImpaired	8373
GmreDegraded	8222
GmreInAutomaticRestorationDisabledMode	8223
GmreInMigration	8224
HeNB_spareHeNBAlarm1	8176
HeNB_spareHeNBAlarm2	8177
HeNB_spareHeNBAlarm3	8178
IK8000006	8250
IK8000013	8251
IK8000014	8252
IK8000015	8253
IK8000101	8254
IK8000120	8255
IK8000121	8256
IK8000122	8257
IK8000123	8258
IK8000124	8259
IK8020002	8260
IK8020003	8261

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Alarm name	Alarm ID
IK8020004	8262
IK8020005	8263
IK8020006	8264
IK8020007	8265
IK8020008	8266
IK8020009	8267
IK8020010	8268
IK8020011	8269
IK8020012	8270
IK8020013	8271
IK8020014	8272
IK8020015	8273
IK8020016	8274
IK8020017	8275
IK8020018	8276
IK8020019	8277
IK8020020	8278
IK8020021	8279
IK8020022	8280
IK8020023	8281
IK8020024	8282
IK8020025	8283
IK8020026	8284
IK8020027	8285
IK8020028	8286
IK8020029	8287
IK8900982	8288
IK8900984	8289
IK8900986	8290
IK8901008	8291
IK8901010	8292
IK8901013	8293
IK8901018	8294
IK8901023	8295
IK8901030	8296
IK8901033	8297
IK8901037	8298

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Alarm name	Alarm ID
IK8901040	8299
IK8901060	8300
IK8901073	8301
IK8901098	8302
IK8901102	8303
IK8901105	8304
IK8901112	8305
IK8901116	8306
IK8901121	8307
IK8901125	8308
IK8901129	8309
IK8901135	8310
IK8901144	8311
IK8901148	8312
IK8901152	8313
IK8901154	8314
IK8901156	8315
IK8901158	8316
IK8901163	8317
IK8901172	8318
IK8902265	8319
IK8902272	8320
IK8902279	8321
IK8902291	8322
IK8902292	8323
IK8902295	8324
IK8902302	8325
IK8902337	8326
IK8902341	8327
IK8902343	8328
IK8902347	8329
IK8902349	8330
IK8902360	8331
IK8902363	8332
IK8902368	8333
IK8902369	8334
IK8902374	8335

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Alarm name	Alarm ID
IK8902375	8336
IK8902376	8337
IK8902377	8338
IK8902378	8339
IK8902379	8340
IK8902380	8341
IK8902382	8342
IK8902386	8343
IK8902387	8344
IK8902388	8345
IK8902391	8346
IK8902401	8347
IK8902408	8348
IK8902409	8349
IK8902411	8350
IK8902428	8351
IK8902429	8352
IK8902431	8353
IK8902432	8354
IK8902436	8355
IK8902437	8356
IK8902439	8357
IK8902559	8358
IK8902609	8359
IK8902610	8360
IK8902615	8361
IK8902616	8362
IK8902617	8363
IK8902620	8364
IK8902622	8365
IK8902628	8366
IK8902632	8367
IK8902633	8368
IK8902648	8369
IK8902657	8370
IK8904762	8371
IKESAPair_tunnelConfigFailure	8179

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Alarm name	Alarm ID
InBandCommDegraded	8225
InBandCommDown	8226
LatencyViolation	8227
LCell_rfCalibrationFailure	8180
LCell_rfConfigurationFailure	8181
LCell_rfRxDiversityFailure	8182
LCell_rfRxFailure	8183
LCell_rfTemperatureCritical	8184
LCell_rfTemperatureWarning	8185
LCell_rfTxFailure	8186
LCell_rfTxPowerCritical	8187
LCell_rfTxPowerWarning	8188
LCell_spareLCellAlarm1	8189
LCell_spareLCellAlarm2	8190
LCell_spareLCellAlarm3	8191
LinkDiversityViolation	8228
LogicalNodeNotReachable	8229
LteCell_lteRfCalibrationFailure	8192
LteCell_lteRfConfigurationFailure	8193
LteCell_lteRfRxDiversityFailure	8194
LteCell_lteRfRxFailure	8195
LteCell_lteRfTemperatureCritical	8196
LteCell_lteRfTemperatureWarning	8197
LteCell_lteRfTxFailure	8198
LteCell_lteRfTxPowerCritical	8199
LteCell_lteRfTxPowerWarning	8200
LteCell_pciCollisionResolutionInProgress	8201
LteCell_spareLteCellAlarm1	8202
LteCell_spareLteCellAlarm2	8203
LteCell_spareLteCellAlarm3	8204
MaxHopViolation	8230
multipleBSRlinkloss	8212
NeNotReachable	8231
NominalUnavailableCommunicationProblem	8232
NominalUnavailableConfigurationProblem	8233
NominalUnavailableIndeterminateProblem	8234
NominalUnavailableReversionPreempt	8235

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Alarm name	Alarm ID
NominalUnavailableTPBlocked	8236
NominalUnavailableTransmissionProblem	8237
OpticalParameterFileError	8238
OutBandCommDegraded	8239
OutBandCommDown	8240
PowerSupplyWrongFanDir	8166
Radio_freqSynchronisationFailure	8205
Radio_gpsServiceUnavailable	8206
Radio_nIRfFailure	8207
Radio_oscillatorAdjustFail	8208
Radio_spareRadioAlarm1	8209
Radio_spareRadioAlarm2	8210
Radio_spareRadioAlarm3	8211
Rerouted	8244
RerouteNotPossible	8243
RSVPDegraded	8241
RSVPDown	8242
rxDivMissing	8372
ShelfIncon	8167
SNCInAutomaticRestorationDisabledMode	8245
SNCPDegraded	8246
SoftRerouteInProgress	8248
SpiReadError	8168
SRGViolation	8247
TestModeEnabled	8249

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New alarms for 5620 SAM Release 12.0 R6

Table 1-3 lists the new alarms for 5620 SAM Release 12.0 R6.

Table 1-3 New alarms for 5620 SAM Release 12.0 R6

Alarm name	Alarm ID
DscGeoRedundancyFailure	8153

New alarms for 5620 SAM Release 12.0 R5

Table 1-4 lists the new alarms for 5620 SAM Release 12.0 R5.

Table 1-4 New alarms for 5620 SAM Release 12.0 R5

Alarm name	Alarm ID
AAA_addressPoolExhausted	5673
AAA_centralAAAFailure	5674
actionsaborted	6248
actionsfailed	6249
actionsqueued	6250
actionsqueuedfunctionsaddobject	6251
actionsqueuedfunctionsbackup	6252
actionsqueuedfunctionsconfigurationdownload	6253
actionsqueuedfunctionsconfigurationupload	6254
actionsqueuedfunctionsconnect	6255
actionsqueuedfunctionsdeleteobject	6256
actionsqueuedfunctionsfactoryreset	6257
actionsqueuedfunctionsfirmwareupdate	6258
actionsqueuedfunctionsgetoptions	6259
actionsqueuedfunctionsgetparameterattributes	6260
actionsqueuedfunctionsgetparameternames	6261
actionsqueuedfunctionsgetparametervalues	6262
actionsqueuedfunctionsgetqueuedtransfers	6263
actionsqueuedfunctionsgetrpcmethods	6264
actionsqueuedfunctionsreboot	6265
actionsqueuedfunctionsrestore	6266
actionsqueuedfunctionsscheduleinform	6267
actionsqueuedfunctionssetparameterattributes	6268
actionsqueuedfunctionssetparametervalues	6269
actionsqueuedfunctionssetvouchers	6270
actionsqueuedfunctionssnmpgetparametervalues	6271
actionsqueuedfunctionssnmpsetparametervalues	6272
actionsucceeded	6273
ActiveLoopback	8074
AddressAttachFailed	8134
AggregatedVFLPortDown	5436
AGPS_agpsServiceFailure	5676
AGPS_noAGPSInfoinUEBasedAGPS	5677
AGPS_notEnoughAGPSInfo	5678
AGPSProxy_agpsServiceFailure	5675

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Alarm name	Alarm ID
AlarmIndicationSignal	8075
AMCSlot_deviceInstalledAssert	5679
AMCSlot_deviceInstalledDeassert	5680
AMCSlot_ds75DeviceinstalledCriticalAssert	5681
AMCSlot_ds75DeviceinstalledCriticalDeassert	5682
AMCSlot_ds75DeviceinstalledMajorAssert	5683
AMCSlot_ds75DeviceinstalledMajorDeassert	5684
AMCSlot_ds75DeviceinstalledMinorAssert	5685
AMCSlot_ds75DeviceinstalledMinorDeassert	5686
AMCSlot_info12vDeviceInstalledAssert	5687
AMCSlot_info12vDeviceInstalledDeassert	5688
AMCSlot_info3vDeviceInstalledAssert	5689
AMCSlot_info3vDeviceInstalledDeassert	5690
AMCSlot_info5vDeviceInstalledAssert	5691
AMCSlot_info5vDeviceInstalledDeassert	5692
Application4G_droppingS1Traffic	5693
Application4G_failedToDecodeMMESentMsg	5694
Application4G_failedToSendDataToHeNB	5695
Application4G_failedToSendDataToMME	5696
Application4G_henbIdClash	5698
Application4G_henbIntegrityViolation	5699
Application4G_heNbOutOfService	5697
Application4G_invalidHeNBS1SetupMessage	5700
Application4G_invalidS1flexConfiguration	5701
Application4G_massHeNbOutOfService	5702
Application4G_newHeNBS1SetupRejectedDueToOverload	5703
AppIPersonelAttnRequired	5602
AssymmetricalLANConnection	5603
AtcaAlarmCard_e1InfraAlarm	5704
AtcaAlarmCard_e2InfraAlarm	5705
AtcaAlarmCard_e3InfraAlarm	5706
AtcaAlarmCard_e4InfraAlarm	5707
AtcaAlarmCard_pdu	5708
AtcaAlarmCard_pduBreakerPwr	5709
AtcaAlarmCard_pduFeedPwr	5710
AtcaAlarmCard_powerFailure	5711
AtcaAlarmCard_telcoAlarmInput	5712

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Alarm name	Alarm ID
AtcaFanTray_fanAgingDown1	5713
AtcaFanTray_fanAgingDown2	5714
AtcaFanTray_fanAgingDown3	5715
AtcaFanTray_fanAgingDown4	5716
AtcaFanTray_fanAgingDown5	5717
AtcaFanTray_fanAgingDown6	5718
AtcaFanTray_fanAgingRear1	5719
AtcaFanTray_fanAgingRear2	5720
AtcaFanTray_fanAgingRear3	5721
AtcaFanTray_fanAgingRear4	5722
AtcaFanTray_fanAgingRear5	5723
AtcaFanTray_fanAgingRear6	5724
AtcaFanTray_fanAgingUp1	5725
AtcaFanTray_fanAgingUp2	5726
AtcaFanTray_fanAgingUp3	5727
AtcaFanTray_fanAgingUp4	5728
AtcaFanTray_fanAgingUp5	5729
AtcaFanTray_fanAgingUp6	5730
AtcaShelf_alarmCardAbsence	5755
AtcaShelfManager_boardFilterAbsence	5731
AtcaShelfManager_cpIdSensor	5732
AtcaShelfManager_fanTrayLowAbsence	5733
AtcaShelfManager_fanTrayRearAbsence	5734
AtcaShelfManager_fanTraysFRUcriticalFailure	5736
AtcaShelfManager_fanTrayUpAbsence	5735
AtcaShelfManager_i2cLocalBus	5737
AtcaShelfManager_i2cMasterResourceHighLimit	5738
AtcaShelfManager_i2cMasterResourceMidLimit	5739
AtcaShelfManager_ipmbLinkDown	5740
AtcaShelfManager_lm75TempDownHighLimit	5741
AtcaShelfManager_lm75TempDownMidLimit	5742
AtcaShelfManager_lm75TempUpHighLimit	5743
AtcaShelfManager_lm75TempUpMidLimit	5744
AtcaShelfManager_pwrRedDegraded	5745
AtcaShelfManager_pwrRedLost	5746
AtcaShelfManager_pwrRedRegained	5747
AtcaShelfManager_rebootReason	5748

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Alarm name	Alarm ID
AtcaShelfManager_rtmFilterAbsence	5749
AtcaShelfManager_shelfFRUcriticalFailure	5750
AtcaShelfManager_shelfFRUminorFailure	5751
AtcaShelfManager_shelfManagerConnectionFailure	5752
AtcaShelfManager_shelfManagerInNonRedundantState	5753
AtcaShelfManager_shelfManagerUnAvailable	5754
AtcaSwitchBaseEthernetIntf_malbanBaseEthernetPortFailure	5756
AtcaSwitchCPU_malban10CPUFailure	5757
AtcaSwitchFabricEthernetIntf_malbanFabricEthernetPortFailure	5758
AtcaSwitchSlot_malbanConnectionFailure	5759
AtcaSwitchSlot_malbanInNonRedundantState	5760
AtcaSwitchSlot_malbanIpmbLinkDown	5761
AtcaSwitchSlot_malbanUnAvailable	5762
AtcaSwitchSlot_malbanVlanCreationFailure	5763
AtcaSwitchSlot_ncpuFatalError	5764
AutomaticInService	8076
BgpProfilePrefixUnreachable	8148
BladeHardware_alarm48VaAssert	5861
BladeHardware_alarm48VaDeassert	5862
BladeHardware_alarm48VbAssert	5863
BladeHardware_alarm48VbDeassert	5864
BladeHardware_bootOkAssert	5865
BladeHardware_bootOkDeassert	5866
BladeHardware_ipmbPhysicalAssert	5867
BladeHardware_ipmbPhysicalDeassert	5868
BladeHardware_lm75localTempCriticalAssert	5871
BladeHardware_lm75localTempCriticalAssLMert	5870
BladeHardware_lm75localTempCriticalDeassert	5873
BladeHardware_lm75localTempCriticalDeassLMert	5872
BladeHardware_lm75LocalTempMajorAssert	5869
BladeHardware_lm75localTempMajorDeassert	5874
BladeHardware_lm75localTempMinorAssert	5875
BladeHardware_lm75localTempMinorDeassert	5876
BladeHardware_ncpuFatalErrAssert	5877
BladeHardware_ncpuFatalErrDeassert	5878
BladeHardware_powerConsumptionMinor	5879
BladeHardware_switchConnectionLost	5880

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Alarm name	Alarm ID
BPG_noBpgMapping	5765
BSG_aBSGUeRegTableFull	5766
BSG_allocationOfStreamFail	5767
BSG_bsgppPagingHighRateExceeded	5768
BSG_bsgppPagingLowRateExceeded	5769
BSG_bsrOutOfService	5770
BSG_cellBroadcastConflictingServiceArea	5771
BSG_cellBroadcastInvalidServiceArea	5772
BSG_collapsingLAI	5773
BSG_differentLacRacSameGroup	5774
BSG_differentMacroLacRacDetected	5775
BSG_droppingRANAPTraffic	5776
BSG_failedIMSIRetrieval	5777
BSG_failedToDecodeMSCSentMsg	5778
BSG_failedToSendDataToBSR	5779
BSG_failedToSendDataToMSC	5780
BSG_hnbIntegrityViolation	5781
BSG_imsiDirectoryFull	5782
BSG_incomingHoProvisionError	5783
BSG_invalidBSRIdInBSRRegistrationMessage	5784
BSG_invalidMocnConfiguration	5785
BSG_macroLacRacNotAllowed	5786
BSG_massBsrCsCnConnLost	5787
BSG_massBsrOutOfService	5788
BSG_maximumImsiListThresholdExceeded	5789
BSG_minimumImsiListThresholdExceeded	5790
BSG_newBSRRegistrationRejectedDueToOverload	5791
BSG_newRANAPCallRejectedDueToOverload	5792
BSG_pagingRecordLimitExceeded	5793
BSG_pscInconsistent	5794
BSG_ranapPagingHighRateExceeded	5795
BSG_ranapPagingLowRateExceeded	5796
BSG_rangeOfStreamIdFromMSCNotSupported	5797
BSG_rangeOfStreamIdNotSupported	5798
BSG_receivedInvalidBSRRegistrationMessage	5799
BSG_registrationOfBSRFailed	5800
BSR_agpsServiceUnavailable	5803

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Alarm name	Alarm ID
BSR_allReservedFemtoCellsInUse	5804
BSR_applicationInsane	5805
BSR_autoconfigfailure	5806
BSR_basebandReconfigfailed	5808
BSR_bCHGuardTimeExpired	5807
BSR_bsrlDClash	5809
BSR_cellBroadcastOverload	5810
BSR_cellSearchGuardTimeExpired	5811
BSR_conflictingCIO	5812
BSR_conflictingQoffset	5813
BSR_creationOfSecondSAFailed	5814
BSR_detectedCollapsingLAI	5815
BSR_deviceAuthenticationFailure	5816
BSR_frequencyOutOfSync	5817
BSR_gatewayConnectivityProblemsStandbyNode	5819
BSR_gatewayConnectivityProblemsStandbyNode	5820
BSR_gGSNselectionFailure	5818
BSR_gsmBandNotSupported	5822
BSR_gsmBCCHDecodeGuardTimerExpired	5821
BSR_gsmCellSearchGuardTimerExpired	5823
BSR_gsmThresholdCriteriaNotMet	5824
BSR_hostingPartyAuthenticationFailure	5825
BSR_hsimNotPresent	5826
BSR_invalidDatabaseDetected	5827
BSR_invalidMocnConfiguration	5828
BSR_ipsecConfigurationAlarm	5829
BSR_ipsecTunnelAlarm	5830
BSR_ipsecTunnelFailureNoResponse	5831
BSR_ipsecTunnelFailureUnknownCause	5832
BSR_isolatedCellOverlapped	5833
BSR_ImcFailure	5834
BSR_lossOfSyncSourceGps	5835
BSR_lossOfSyncSourceNtp	5836
BSR_lteServiceUnavailable	5837
BSR_misConfigurationWarmStandby	5838
BSR_noCarrierSelected	5839
BSR_noMacroCellFound	5840

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Alarm name	Alarm ID
BSR_ntpDrift	5841
BSR_queueOverload	5842
BSR_resetCompleted	5843
BSR_resetFailed	5844
BSR_resetInitiated	5845
BSR_sameLaRaMacroAutoConfigFail	5846
BSR_sameLaRaMacroAutoConfigFailOutOfService	5847
BSR_securityViolation	5848
BSR_selfoptNotRun	5849
BSR_softwareCompatibilityError	5850
BSR_systemOverload	5851
BSR_tamperDetected	5852
BSR_thresholdCriteriaNotMet	5853
BSR_timeOutOfSync	5854
BSR_txPowerConfigurationWarning	5855
BSR_txPowerLimitReached	5856
BSR_umtsBandNotSupported	5857
BSR_unknownTimeOfDay	5858
BSR_wcdmaServiceUnavailable	5859
BSRSubscriberTraceConfig_subscriberTraceRecordingSessionFailure	5801
BSRSubscriberTraceConfig_subscriberTraceUploadFailure	5802
BVG_noBvgMapping	5860
CECTL_layer1CommunicationFailure	5881
CECTL_layerOneResetFailure	5882
CECTL_picoArrayCommunicationFailure	5883
CombinerLossOfAlignment	5604
CommunicationLoss	5605
cpeauthactiveconnectionscurrentcount	6274
cpeauthactiveconnectionshighcount	6275
cpeauthcurrcapacity	6276
cpeauthfailedreserverequestcount	6277
cpeauthleakedconnectioncount	6278
cpeauthwaitingforconnectioncurrentcount	6279
CPMLocalInterConnectPortNotAvailable	8061
CPMLocalInterConnectPortNotAvailable	8062
CPU_memTempMajor	5895
CPU_presenceAssert	5896

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Alarm name	Alarm ID
CPU_presenceDeassert	5897
CPU_tempCritical	5898
CPU_tempMajor	5899
CPUInfo_configErrorAssert	5884
CPUInfo_configErrorDeassert	5885
CPUInfo_disabledAssert	5886
CPUInfo_disabledDeassert	5887
CPUInfo_iERRAssert	5888
CPUInfo_iERRDeassert	5889
CPUInfo_presenceAssert	5890
CPUInfo_presenceDeassert	5891
CPUInfo_thermakTripAssert	5892
CPUInfo_thermalTripAssert	5893
CPUInfo_thermalTripDeassert	5894
CriticalTemperatureDetected	5606
CsRegion_invalidSuperLacOverlap	5900
DatabaseBackup	8063
DatabaseBackupFailure	8064
DatabaseRestore	8065
DatabaseRestoreFailure	8066
DHCPPFoLeaseUpdateFailedAddressConflict	5159
DHCPPFoLeaseUpdateFailedfoShutdown	5167
DHCPPFoLeaseUpdateFailedHostConflict	5160
DHCPPFoLeaseUpdateFailedLeaseExpired	5161
DHCPPFoLeaseUpdateFailedMaxLeaseReached	5162
DHCPPFoLeaseUpdateFailedPeerConflict	5163
DHCPPFoLeaseUpdateFailedPersistenceCongested	5164
DHCPPFoLeaseUpdateFailedRangeNotFound	5165
DHCPPFoLeaseUpdateFailedSubnetNotFound	5166
DHCPPoolFailoverStateChange	5168
DiameterMonitoredDestinationOverloaded	7959
DimmSlot_deviceInstalledAssert	5903
DimmSlot_disabledAssert	5904
DimmSlot_faultStatusAssert	5905
DimmSlot_sparingAssert	5906
DNS_dnsServerDownNode1	5901
DNS_dnsServerDownNode2	5902

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Alarm name	Alarm ID
DscExtSystemOperStateDown	7960
DuplicateShelfId	5607
EMSystemTimeOut	8151
ENBEquipmentDegradedOrFaulty	7961
EOCFailure	8077
EquipmentRemovalWhenNoProtection	5608
EthernetIntf_interfaceActive	5907
EthernetIntf_interfaceFailure	5908
EthernetPort_cardFailure	5909
EthernetPort_interfaceActive	5910
ExtensionHeaderMismatchGFP	8110
ExternalEthernetIntfPort_interfaceActive	5911
ExternalEthernetIntfPort_interfaceFailure	5912
ExternalLANFailure	8078
FacilityManualRemoval	8079
FailureOfProtocolInconsistent	8111
FailureOfProtocolNoResponse	8112
FailureOfProtocolOperationMismatch	8113
FailureOfProtocolProvisioningMismatch	8114
FailureOfProtocolSwitchMismatch	8115
FanFail	5609
FGW_aclViolation	5913
FGW_activeFGWOAMPortFailure	5914
FGW_agpsServiceUnavailable	5915
FGW_automaticFailoverInitiatedByActiveNode	5916
FGW_automaticFailoverInitiatedByStandbyNode	5917
FGW_availabilityTargetAchieved	5918
FGW_baseboardControllerFailure	5919
FGW_bsrDataFileDownloadFailed	5920
FGW_bsrDataFileInvalid	5921
FGW_bsrDataLost	5922
FGW_bsrDataNonExistingBSR	5923
FGW_bsrDataQueueFailure	5924
FGW_bsrIdClash	5925
FGW_bsrIntegrityCheckFailure	5926
FGW_bsrIntegrityViolation	5927
FGW_cellIdClash	5928

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Alarm name	Alarm ID
FGW_cpuOverloadMaximumThreshold	5929
FGW_cpuOverloadMinimumThreshold	5930
FGW_failedCreatingDynamicTransport	5931
FGW_femtoMsgRateExceeded	5932
FGW_fgw10GPortFailureAtNonResilientState	5933
FGW_fgwActiveNonResilient	5934
FGW_fgwActiveNotResponding	5935
FGW_fgwNodeIsolated	5936
FGW_fgwNodeStateChangeActiveToStandby	5937
FGW_fgwNodeStateChangeStandbyToActive	5938
FGW_fgwStandbyNonResilient	5939
FGW_fgwStandbyNotResponding	5940
FGW_fgwStandbyUnavailable	5941
FGW_fgwToCentralRouterConnectionFailed	5942
FGW_fmsHardResetInitiated	5943
FGW_fmsSoftResetInitiated	5944
FGW_hnbSecurityViolation	5945
FGW_incorrectIPAddress	5946
FGW_initialisationInProgress	5947
FGW_initializeAcceptorFail	5948
FGW_invalidDownloadedConfiguration	5949
FGW_invalidIuFlexConfiguration	5950
FGW_lag1ExceededSeventyPercent	5951
FGW_lag1TrafficImbalance	5952
FGW_lag2ExceededSeventyPercent	5953
FGW_lag2TrafficImbalance	5954
FGW_lag3ExceededSeventyPercent	5955
FGW_lag3TrafficImbalance	5956
FGW_lag4ExceededSeventyPercent	5957
FGW_lag4TrafficImbalance	5958
FGW_lag5ExceededSeventyPercent	5959
FGW_lag5TrafficImbalance	5960
FGW_lag6ExceededSeventyPercent	5961
FGW_lag6TrafficImbalance	5962
FGW_malbanConnectionFailure	5963
FGW_malbanVlanCreationFailure	5964
FGW_manualFailoverInitiatedByActiveNode	5965

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Alarm name	Alarm ID
FGW_manualFailoverInitiatedByStandbyNode	5966
FGW_maximumImsiListThresholdExceeded	5967
FGW_memoryOverloadMaximumThreshold	5968
FGW_memoryOverloadMinimumThreshold	5969
FGW_minimumImsiListThresholdExceeded	5970
FGW_monProcessRestart	5971
FGW_nLLInvalidFileFormat	5972
FGW_nLLmultipleFileInDownloadDir	5973
FGW_noHeartbeatResponseFromActiveNode	5974
FGW_percentageNodesRecovered100	5975
FGW_percentageNodesRecovered70	5976
FGW_percentageNodesRecovered80	5977
FGW_percentageNodesRecovered90	5978
FGW_presenceEventInconsistent	5979
FGW_presenceNotActive	5980
FGW_resetSuccessful	5982
FGW_rtmConnectionFailure	5983
FGW_rTMLinkExceededSeventyPercent	5981
FGW_shelfManagerConnectionFailure	5984
FGW_shelfManagerConnectionUp	5985
FGW_strmgrRedirectPDUDecodeFailed	5986
FGW_switchOver	5987
FGW_sysHardResetInitiated	5988
FGW_sysSoftResetInitiated	5989
FGW_violationBufferOverflow	5990
FGW_vlanCreationFailure	5991
FileTransferFailure	8152
FilterBlocked	5610
FilterClogged	5611
FilterMissing	5612
FirmwareUpgradeFailure	5613
FRUDegradedOrFaulty	7962
functionsaddobject	6280
functionsbackup	6281
functionsconfigurationdownload	6282
functionsconfigurationupload	6283
functionsconnect	6284

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Alarm name	Alarm ID
functionsdeleteobject	6285
functionsfactoryreset	6286
functionsfirmwareupdate	6287
functionsgetoptions	6288
functionsgetparameterattributes	6289
functionsgetparameternames	6290
functionsgetparametervalues	6291
functionsgetqueuedtransfers	6292
functionsgetrpcmethods	6293
functionsreboot	6294
functionsrestore	6295
functionsscheduleinform	6296
functionssetparameterattributes	6297
functionssetparametervalues	6298
functionssnmpgetparametervalues	6299
functionssnmpsetparametervalues	6300
FuseFailure	5614
gccollectiontimeavg	6301
gccount	6302
gcfullcollectiontimeavg	6303
gcfullcount	6304
GenericNatProxy_genericNATproxyServiceFailure	5999
GPS_femtoNotInAuthorizedAreaGPS	5992
GPS_gpsHardwareFailure	5993
GPS_gpsLocationFailure	5994
GSMListener_gsmATCmdFail	5995
GSMListener_gsmModuleATCmdTimeoutError	5996
GSMListener_gsmModuleFailtoInit	5997
GSMListener_gsmNoCellsFound	5998
HardDisk_diskUsageNearingCapacity	6002
HardDiskSlot_diskUsageNearingCapacity	6001
HardwareFailure	5615
hdmAlarmListenerFailure	6305
hdmDashboardAlarmListenerFailure	6306
hdmRegistrationListenerFailure	6308
hdmReRegistrationListenerFailure	6307
hdmResynchroListenerFailure	6309

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Alarm name	Alarm ID
hdmWebservicesFailure	6310
hdmworkmanagercwmpservletcompletedrequests	6311
hdmworkmanagercwmpservletpendingrequests	6312
hdmworkmanagerdefaultcompletedrequests	6313
hdmworkmanagerdefaultpendingrequests	6314
hdmworkmanagernbiservicecompletedrequests	6315
hdmworkmanagernbiservicependingrequests	6316
HeNBMasterCP_rangeOfStreamsFromHeNBNotSupported	6003
HIGHNBRDEVDOWN	6000
HighTemperatureDetected	5616
HistCorrDbSizeThresholdExceeded	5169
httpacceptcount	6317
httpconnectionscount	6318
httpmessagessentrate	6319
httpreceivedmessagesrate	6320
httpsacceptcount	6321
httpsconnectionscount	6322
httpsmessagessentrate	6323
httpsreceivedmessagesrate	6324
IgpPrefixUnreachable	5428
IK4003104	7963
IK4003105	7964
IK4003106	7965
IK4003107	7966
IK4004198	7967
IK4004199	7968
IK4004200	7969
IK4004201	7970
IK4007209	7971
IK4007210	7972
IK4007212	7973
IK4007214	7974
IK4007215	7975
IK4007216	7976
IK4007217	7977
IK4007218	7978
IK4007219	7979

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Alarm name	Alarm ID
IK4007220	7980
IK4007221	7981
IK4007222	7982
IK4009211	7983
IK4009212	7984
IK4009213	7985
IK4009214	7986
IK4009215	7987
IK4009216	7988
IK4009217	7989
IK4009218	7990
IK4012078	7991
IK4012079	7992
IK4022001	7993
IK4022002	7994
IK4022003	7995
IK4022004	7996
IK4022005	7997
IK4022006	7998
IK4305187	7999
IK4305188	8000
IK4305189	8001
IK4305190	8002
IK4305191	8003
IK4305192	8004
IK4306108	8005
IK4306109	8006
IK4306110	8007
IK4306111	8008
IK4306112	8009
IK4306113	8010
IK4306114	8011
IK4306115	8012
IK4306116	8013
IK4306117	8014
IK4306118	8015
IK4306119	8016

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Alarm name	Alarm ID
IK4306120	8017
IK4306121	8018
IK4306122	8019
IK4306123	8020
IK4306124	8021
IK4306126	8022
informall	6325
informboot	6326
informbootstrap	6327
informconnectionrequest	6328
informdiagnosticscomplete	6329
informdownload	6330
informkicked	6331
informlatency	6332
informlatencymax	6333
informlatencymin	6334
informperiodic	6335
informreboot	6336
informrequestdownload	6337
informscheduled	6338
informscheduleinform	6339
informtransfercomplete	6340
informupload	6341
informvaluechange	6342
InHsWdx	5619
IntClockMiss	5620
InterChassisCommunicationDown	8067
InterConnectPortDDMFailure	5621
InterConnectPortLinkDown	5622
InterConnectPortMisconnected	5623
InterConnectPortSFFFailure	5624
InternalCommunicationFailure	5625
InternalLanDegrade	5626
InternalLanFail	5627
InternalPayloadIntegrity	5628
InternalSynchSignal	5629
invalidloginattemptstotalcount	6343

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Alarm name	Alarm ID
IOMEventOverflow	5617
IOMResUtilizationLimit	5618
IPCPCConnectionFailure	8080
IPSP_aspDown	6004
IPSP_asplnactive	6005
IPSP_ICM_EVENT_BND_FAIL	6006
IPSP_IIT_EVENT_ESTABLISH_FAIL	6007
IPSP_IIT_EVENT_SCT_COMM_DOWN	6008
IPSP_IIT_EVENT_TERM_IND	6009
ItfBGWY_itfBSGdnsFailure	6010
ItfBGWY_itfFGWfailure	6012
ItfBGWY_itfFGWoverload	6013
ItfBGWY_itfFGWRegistrationFailure	6011
ItfBGWY_noResponseFromBGWY	6014
ItfBPG_itfBPGdnsFailure	6016
ItfBPG_itfBPGLinkFailure	6015
ItfBVG_itfBVGdnsFailure	6018
ItfBVG_itfBVGLinkFailure	6017
IuBC_cellBroadcastCenterFailure	6019
IuBC_cellBroadcastOverload	6020
IuCS_asplnactive	6030
IuCS_destinationMSCNotReachable	6031
IuCS_emergencyCallFailed	6032
IuCS_failedToSendPAGINGToBSR	6033
IuCS_failedToSendRelocationRequestMsgToDestBSR	6034
IuCS_iuCsInterfacelnactive	6035
IuCS_noBSRConnectedToBSG	6036
IuCS_noBSRInReceivedLAC	6037
IuCS_receivedMTP3PauseSPInaccessible	6038
IuCS_receivedPauseForMSC	6039
IuCS_remoteMTP3Unreachable	6040
IuCS_remoteMTP3UserUnavailable	6041
IuCS_remoteSubsystemOutOfService	6042
IuCSMGW_remoteMTP3Unreachable	6021
IuCSMGW_remoteMTP3UserUnavailable	6022
IuCSPrime_csCnConnectivityLost	6023
IuCSUserplaneVCL_aConfigFailure	6024

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Alarm name	Alarm ID
luCSUserplaneVCL_aEndToEndConnectionFailure	6025
luCSUserplaneVCL_aLocallyBlockedForAdminLock	6026
luCSUserplaneVCL_aLocallyBlockedForBearerFailures	6027
luCSUserplaneVCL_aLocallyBlockedForUnblockCfm	6028
luCSUserplaneVCL_aRemotelyBlocked	6029
luPS_asplInactive	6044
luPS_destinationSGSNNotReachable	6045
luPS_failedToSendPAGINGToBSR	6046
luPS_failedToSendRANAPResetToBSR	6047
luPS_failedToSendRelocationRequestMsgToDestBSR	6048
luPS_failedToSendResetResourceToBSR	6049
luPS_gtpEchoFailure	6050
luPS_iuPsInterfaceInactive	6051
luPS_noBSRConnectedToBSG	6052
luPS_noBSRInReceivedRAC	6053
luPS_receivedMTP3PauseSPInaccessible	6054
luPS_receivedPauseForSGSN	6055
luPS_remoteMTP3Unreachable	6056
luPS_remoteMTP3UserUnavailable	6057
luPS_remoteSubsystemOutOfService	6058
luPSUplane_gTPEchoFailure	6043
jdbcbactivecurrentconnectionscount	6344
jdbcbactivehighconnectionscount	6345
jdbccurrcapacity	6346
jdbcdbsize	6347
jdbcddevicecount	6348
jdbcbenabledetpolicycount	6349
jdbcbenableditpolicycount	6350
jdbcbfailedaortications	6351
jdbcbfailedloginrate	6352
jdbcbfailedreserverequestcount	6353
jdbcb leakedconnectioncount	6354
jdbcbmanagementpolicycount	6355
jdbcbpendingactivations	6356
jdbcbwaitingcurrentconnectionscount	6357
jmsconnectionrequestcurrentcount	6358
jmsconnectionrequestpendingcount	6359

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Alarm name	Alarm ID
jmsconnectionrequestrate	6360
jmsdarcurrentcount	6361
jmsdarpendingcount	6362
jmsdarrate	6363
jmsseventsrate	6364
jmsinformeventscurrentcount	6365
jmsinformeventspendingcount	6366
jmsnbiinternalcurrentcount	6367
jmsnbiinternalpendingcount	6368
jmsnbiinternalrate	6369
jmsnbiobalarmcurrentcount	6370
jmsnbiobalarmpendingcount	6371
jmsnbiobalarmrate	6372
jmsnbiobcurrentcount	6373
jmsnbiobeventcurrentcount	6374
jmsnbiobeventpendingcount	6375
jmsnbiobeventrate	6376
jmsnbiobpendingcount	6377
jmsnbiobrate	6378
jmsnbiobresultcurrentcount	6379
jmsnbiobresultpendingcount	6380
jmsnbiobresultrate	6381
jtaactivetxcount	6382
jtacommittedtxrate	6383
jtrolledbacktxrate	6384
jvmfreeheapsize	6385
jvmheapfreepercent	6386
jvmheapsize	6387
jvmmaxheapsize	6388
LatchOpen	5630
LCell_candidateNeighbourIdentified	6059
LCell_carrierReSelectionNotPossible	6060
LCell_channelConfigBCHFailed	6061
LCell_channelConfigFACHFailed	6062
LCell_channelConfigPCHFailed	6063
LCell_channelConfigPRACHFailed	6064
LCell_codeAllocationFailure	6065

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Alarm name	Alarm ID
LCell_commonMeasInitTimeout	6066
LCell_cpBlockRequestTimeout	6067
LCell_dLCongestion	6068
LCell_hsbitratemeasInitFail	6070
LCell_hsbitratemeasStop	6071
LCell_hsTxCarrierPowermeasInitFail	6069
LCell_inconsistentDetectedCellInfo	6072
LCell_invalidSIBParameter	6073
LCell_invalidSIBSchedule	6074
LCell_neighbourListUpdate	6075
LCell_neighbourNotMeetingQualityCriteria	6076
LCell_rACHmeasInitFail	6077
LCell_rACHmeasStop	6078
LCell_rSSImeasInitFail	6079
LCell_rSSImeasStop	6080
LCell_sharedChannelConfigHSPAFailed	6082
LCell_sIBUpdateCCCErrors	6081
LCell_tpapReleaseIndFACH	6085
LCell_tpapReleaseIndPCH	6086
LCell_tpapReleaseIndRACH	6087
LCell_tSSImeasInitFail	6083
LCell_tSSImeasStop	6084
LCell_uLCongestion	6088
LCell_unknownCandidateNeighboursPSC	6089
LCPCConnectionFailure	8081
LeftLanWronglyConnected	5631
LegalReq_legalReqFileDeliveryFailure	6090
LegalReq_legalReqFileDeliveryFailureclearance	6091
linkLoss	6389
LockOutOfProtection	8116
LockOutOfWorking	8117
LossOfOPUMultiFrameIdentifier	8118
Lssc	5632
LteCell_lteOamConfigurationFailure	6092
LteCell_lteRrcSctpAssociationFailure	6093
LteCell_pciSelectionFailure	6094
LTECellDegradedOrFaulty	8023

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Alarm name	Alarm ID
Lvco	5633
M3MmeAccessDegradedOrFaulty	8024
MaxFecLimitReached	6448
MaxFecThresholdChange	6449
McOmcrcClientNumEntriesHigh	8057
McOmcrcStatFailedChanged	8058
MCRedirectThresholdReached	8135
MetroDock_metroDockHWFailure	6101
MetroDock_metroDockReceivePathFailure	6102
MetroDock_wifiNoSignalDetected	6103
Misc	5634
MldHostCModeRxQueryMismatch	8051
MldHostInstantiationFail	8052
MldHostMaxGroupsLimitExceeded	8053
MldHostMaxGrpSrcsLimitExceeded	8054
MldHostMaxSrcsLimitExceeded	8055
MldHostRxQueryVerMismatch	8056
MME_rangeOfStreamsFromMMENotSupported	6097
MME_s1InterfaceDown	6098
MME_s1InterfaceInactive	6099
MME_s1SCTPAssociationDown	6100
MmeAccessDegradedOrFaulty	8025
MMERegion_invalidTacRegion	6095
MMERegion_s1InterfaceFailure	6096
ModulesNotProvisioned	5635
MonitoredObjectsCrossThreshold	8146
multicastclustermessageslostcount	6390
multicastcompletedrequests	6391
multicastpendingrequests	6392
NatIsaGrpDegraded	8059
nbicapturedevice	6393
nbicapturedeviceavg	6394
nbiclearalarm	6395
nbiclearalarmavg	6396
nbicreatedevice	6397
nbicreatedeviceavg	6398
nbicreatessingledeviceoperation	6399

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Alarm name	Alarm ID
nbicreatesingledeviceoperationavg	6400
nbicreatesingledeviceoperationbydeviceguid	6401
nbicreatesingledeviceoperationbydeviceguidavg	6402
nbifinddevicebyguid	6403
nbifinddevicebyguidavg	6404
nbifinddevices	6405
nbifinddevicesavg	6406
nbigetactivealarms	6407
nbigetactivealarmsavg	6408
nbigetcacheddatamodelparameters	6409
nbigetcacheddatamodelparametersavg	6410
nbiinitiateconnectionrequest	6411
nbiinitiateconnectionrequestavg	6412
nbiraisealarm	6413
nbiraisealarmavg	6414
nbiregisterdevice	6415
nbiregisterdeviceavg	6416
nbireleasedevice	6417
nbireleasedeviceavg	6418
nbireruneventtriggeredpolicy	6419
nbireruneventtriggeredpolicyavg	6420
nbiruneventtriggeredpolicies	6421
nbiruneventtriggeredpoliciesavg	6422
nbiupdatedevicebydeviceid	6423
nbiupdatedevicebydeviceidavg	6424
nbiupdatedevicebyguid	6425
nbiupdatedevicebyguidavg	6426
NeUnavailable	8068
NextHopHeartBeat_fgwActiveSRLinkDown	6151
NextHopHeartBeat_fgwStandbySRLinkDown	6152
NotAligned	5637
NTPServerIsNotReachable	5636
OAM_120	6153
OAM_121	6154
OAM_122	6155
OAM_123	6156
OAM_124	6157

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Alarm name	Alarm ID
OAM_160	6158
OAM_161	6159
OAM_162	6160
OAM_163	6161
OAM_164	6162
OAM_165	6163
OAM_223	6164
OMSTrailDown	8082
OperDownInvalidMac	8144
OperDownInvalidMacClear	8145
osavailableprocessercount	6427
oscommittedvirtualmemory	6428
osfreephysicalmemory	6429
osfreeswapsspace	6430
osmaxfiledescriptor	6431
osopenfiledescriptor	6432
OSPFAdjacencyFailure	8083
osprocesscputime	6433
ostotalphysicalmemory	6434
ostotalswapsspace	6435
OTSTrailDown	8084
PCIEthernetCard_cardFailure	6165
PCIEthernetPort_cardFailure	6166
PCIEthernetPort_interfaceActive	6167
periodicinformpercentage	6436
PhysicalInterfaceB_vLANInterfaceDown	6170
PhysicalRemoval	5639
PlcyAcctStatsEventOvrflw	5640
PM_pmAuthenticationError	6168
PM_pmCommunicationError	6169
PortEtherSymMonSDAlarm	5662
PortEtherSymMonSFAlarm	5663
PowerFailure	5641
PowerModule_voltageALocalFailure	6171
PowerModule_voltageARemoteFailure	6172
PowerModule_voltageBLocalFailure	6173
PowerModule_voltageBRemoteFailure	6174

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1 – 5620 SAM alarm information

Alarm name	Alarm ID
PowerSupplySlot_presenceDetectedAssert	6175
PowerSupplySlot_presenceDetectedDeassert	6176
PowerSupplySlot_pwrSupFailuerDeassert	6177
PowerSupplySlot_pwrSupFailureAssert	6178
PowerSupplySlot_pwrSupInputLost	6179
PRCDRERR	5638
Presence_presenceServerFailure	6180
Presence_publishRespBadEvent	6181
Presence_publishRespInvalidReq	6182
Presence_publishRespNotFound	6183
Presence_publishRespTimeOut	6184
Presence_publishRespUnsupMediaType	6185
PrimaryVirtualSwitchControllerFailed	5429
ProcessMonitor_processRestart	6186
ProcessMonitor_processRestartThreshold	6187
PsRegion_invalidSuperLacOverlap	6188
QChipResetProtImpact	5642
Radio_clockSynchronisationFailure	6195
Radio_ntpServiceUnavailable	6196
Radio_outOfOperatingCondition	6197
Radio_overTemperature	6198
Radio_rxDiversityMalfunction	6199
Radio_rxMalfunction	6200
Radio_txMalfunction	6201
Radio_underTemperature	6202
reachabledevicecount	6437
ReceiveTimingFailure	5643
RemotInventoryMismatch	5644
ReservedRouteTargetMismatch	6446
RFTrace_rfTraceDedicatedFailure	6189
RFTrace_rfTraceHsdpaFailure	6190
RightLanWronglyConnected	5645
RouteTargetConflict	6447
RouteTargetMisConfigured	8139
RPKISessionNotEstablished	8136
RPSPathFail	8133
RTM_rtmMP3_3V	6191

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Alarm name	Alarm ID
RTM_rtmPower12V	6192
RTM_rtmPowerCurrent	6193
RTM_rtmPowerPGD	6194
RxDivMissing	5646
SasResyncWorkerQueueOverflow	8137
SCTPASSOC_associationEstablishmentFailure	6203
SCTPASSOC_sctpAssocAssociationDownAlarm	6204
SCTPASSOC_sctpAssocDnsFailure	6205
SCTPAssociation_sCTPCantStart	6206
SCTPAssociation_sCTPcommunicationLost	6208
SCTPAssociation_sCTPPeerAddressChange	6207
SDM_dbDownloadFailure	6209
SDM_suActivationFailure	6210
SDM_suDownloadFailure	6211
SDM_toneFileCorrupt	6212
SDM_toneFileDownloadFailure	6213
ServerHardware_chassisIntrusionAssert	6221
ServerHardware_chassisIntrusionDeassert	6222
ServerHardware_dnsServerDown	6223
ServerHardware_dskRedDegraded	6224
ServerHardware_dskRedDegradedFromFull	6225
ServerHardware_dskRedInsufficientResource	6226
ServerHardware_dskRedLost	6227
ServerHardware_dskRedLostFunctioning	6228
ServerHardware_dskRedMinimumResource	6229
ServerHardware_dskRedNotFullyRedundant	6230
ServerHardware_dskRedRegained	6231
ServerHardware_IAANLostDeassert	6232
ServerHardware_IANLostAssert	6233
ServerHardware_platformSecOutOfBandPswd	6234
ServerHardware_platformSecViolationAttempt	6235
ServerHardware_pwrRedDegraded	6236
ServerHardware_pwrRedInsufficientResource	6237
ServerHardware_pwrRedLost	6238
ServerHardware_pwrRedMinimumResource	6239
ServerHardware_pwrRedRegained	6240
ServerHardware_sntpServerDown	6241

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Alarm name	Alarm ID
ServerSignalFailureEth	8085
ServerSignalFailureOch	8086
ServerSignalFailureOnLine	8087
ServerSignalFailureOnPath	8088
ServerSignalFailureOnSection	8089
ServiceMisConfigured	8140
Servicing	5648
SflowCpEntrySampling	8142
SflowPacketTransmissionFailure	8143
SFMIInterconnectPortDegraded	5647
ShelfMixedOperationMode	5649
ShelfOutage	5650
ShelfUnAvailable	5651
ShelfUpgradeForMtx	5652
ShutdownTemperatureDetected	5653
SignalDegradeBitErrorRatio	8090
SignalDegradeBitErrorRatioOnPath	8119
SignalDegradeBitErrorRatioOnSection	8120
SlippingTimeSignal	8091
socketcount	6438
SoftwareDownloadInProgress	5654
SS7Link_mtp3LinkDown	6216
SS7Link_mtp3LinkRemotelyBlocked	6217
SS7Link_qsaalLinkCongested	6218
SS7LinkSet_congestionTowardsRemoteMTP3	6214
SS7LinkSet_remoteMTP3Unreachable	6215
SS7Stack_sS7StackFailure	6219
SS7Stack_trilliumBuffersBelowThreshold	6220
StandbyDbc	5655
StatsRetrieval	8069
SubscriberMisConfigured	8141
SubscriberTraceConfig_subscriberTraceRecordingSessionFailure	6242
SubscriberTraceConfig_subscriberTraceUploadFailure	6243
SubSysChassMemoryUsageHi	5656
SystemInitialization	8070
SystemInitializationNewFailure	8071
TBbeOdu	8121

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Alarm name	Alarm ID
TBbeOtu	8122
TCvs	8092
TEsOdu	8123
TEsOtu	8124
TEss	8093
TFecc	8125
threadidlecount	6439
threadpendingrequestcount	6440
threadqueuelength	6441
threadstandbycount	6442
threadthroughput	6443
threadtotalcount	6444
TimeRefDisqualified	8072
TimeRefSelect	8073
TOD_externalClockReferenceFailure	6244
TOD_sntpServerDownNode1	6245
TOD_sntpServerDownNode2	6246
TOfsRs15Min	5657
TOfsRs1Day	5658
TOprh	8094
TOprl	8095
TOpth	8096
TOptl	8097
TrailDegrade	8101
TrailTracelIdentifierMismatchOnPath	8102
TrailTracelIdentifierMismatchOnSection	8103
TransportServerFailure	8104
TransportServiceDegrade	8105
TSeffs	8098
TSesOdu	8126
TSesOtu	8127
TSess	8099
TUasOdu	8128
TUasOtu	8129
TUass	8100
TwampReflectorAlarm	8138
UDPPortAssignmentProblem	8026

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Alarm name	Alarm ID
UnavailableTimeOdu	8130
UnavailableTimeOtu	8131
UnavailableTimeRegeneratorSection	8106
UnderlyingResourceUnavailableOnPath	8132
UnderlyingResourceUnavailableOnSection	8107
UnderlyingResourceUnavailableOptical	8108
UnmanagedMplsTpSDPTunnelSite	8147
UnrecommendedNAT64DestinationPrefix	8060
UnsupportedSFFinInterConnectPort	5659
userlockouttotalcount	6445
VirtualPortDown	5434
VirtualSwitchIpAddressDuplicated	5435
VirtVpnBGPPrefixConflict	5431
VirtVpnBGPPrefixUnreachable	5432
VirtVpnBGPPrefixWithdrawnNotReceived	5433
VprnTypeMismatched	8149
VSiteServiceImpacted	5430
VwmShelfCardIdMismatch	5660
VwmShelfCardRemoved	5661
WaitToRestore	8109
WiFi_wifiNoSignalDetected	6247
WlanGwlsaGrpDegraded	8150
WmmLSS_cpiHOFailuresFrom2g3goverGn	8028
WmmLSS_cpiInterSgsn2GrauFailures	8029
WmmLSS_cpiInterSgsn3GrauFailures	8030
WmmLSS_cpiInterSgsnSrnsFailures	8031
WmmLSS_cpiIntraSgsn2GrauFailures	8032
WmmLSS_cpiIntraSgsn3GrauFailures	8033
WmmLSS_cpiIntraSgsnSrnsFailures	8034
WmmLSS_cpiSgsn2GattachFailures	8037
WmmLSS_cpiSgsn2GpagingFailures	8038
WmmLSS_cpiSgsn2GpdpActivationFailures	8039
WmmLSS_cpiSgsn2GpdpDeactNwFailures	8040
WmmLSS_cpiSgsn3GattachFailures	8041
WmmLSS_cpiSgsn3GpagingFailures	8042
WmmLSS_cpiSgsn3GpdpActivationFailures	8043
WmmLSS_cpiSgsn3GpdpDeactNwFailures	8044

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Alarm name	Alarm ID
WmmLSS_cpiSgsnPdpDeact2GmsFailures	8045
WmmLSS_cpiSgsnPdpDeact3GmsFailures	8046
WmmLSS_cpiSgsnPdpMod3GmsFailures	8047
WmmLSS_cpiSgsnPdpMod3GnwFailures	8048
WmmLSS_cpiSS7DropSCTPPktsRcvd	8035
WmmLSS_cpiSS7FailSCTPFastRetransRate	8036
WmmLSS_ippuDegraded	8049
WmmLSS_sgwResourceDegraded	8050
X2AccessDegradedOrFaulty	8027

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New alarms for 5620 SAM Release 12.0 R3

Table 1-5 lists the new alarms for 5620 SAM Release 12.0 R3.

Table 1-5 New alarms for 5620 SAM Release 12.0 R3

Alarm name	Alarm ID
AesFipsFailure	5437
ApeInProgress	5559
BackupUnavail	5560
BadClkFreq	5438
CardClkOffFreq	5439
ChannelViolation	5561
ColorViolation	5562
CommDeg	5563
CommDown	5564
EptUploadErr	5565
EsCableMismatch1	5566
FAN32HRQD	5440
FeasibilityViolation	5567
FipsFailure	5444
FPGAFAILNSA	5441
FPGAINITNSA1	5442
FPGATIMEOUTNSA	5443
FwMismatch	5445
ImageNotReady	5446
InMigration	5568

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Alarm name	Alarm ID
LinkDiversity	5569
LocalPacketLost	5592
LOSOAMP	5447
LossOfOpticalSignal	5593
LossOfSonetSdhFrame	5594
LspFailedApe	5570
LspFailedPre	5571
LspFailedTp	5572
LspFailedUnprot	5573
LspFailedXc	5574
MepError	5508
MepMacError	5509
MepXcon	5510
NeUnreachable	5575
NodeDeg	5576
NoTdmPayload	5595
NunvComm	5577
NunvConfig	5578
NunvIndetermined	5579
NunvReversion	5580
NunvTpBlocked	5581
NunvTransmission	5582
NvMismatch	5583
OpticalParamErr	5584
ReadyToRevert	5586
RemotePacketLost	5596
ReRouted	5585
RestorationDisabled	5587
RouteNotPossible	5588
SapMacAddrLimitReached	5597
ShelfInVoltMaxCur	5448
SrgDiversity	5589
SubNodeUnreachable	5590
SuspectClkFreq	5449
TCMAis	5450
TestMode	5591
TOprhLane1	5451

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Alarm name	Alarm ID
TOprlLane1	5452
TOpthLane1	5453
TOptlLane1	5454
TPmonDmaBfd15Min	5511
TPmonDmaBfd1Day	5512
TPmonDmaffd15Min	5515
TPmonDmaffd1Day	5516
TPmonDmafFdv15Min	5513
TPmonDmafFdv1Day	5514
TPmonDmanfd15Min	5519
TPmonDmanfd1Day	5520
TPmonDmanFdv15Min	5517
TPmonDmanFdv1Day	5518
TPmonDmxBfd15Min	5521
TPmonDmxBfd1Day	5522
TPmonDmxffd15Min	5525
TPmonDmxffd1Day	5526
TPmonDmxffdv15Min	5523
TPmonDmxffdv1Day	5524
TPmonDmxnfd15Min	5529
TPmonDmxnfd1Day	5530
TPmonDmxnFdv15Min	5527
TPmonDmxnFdv1Day	5528
TPmonLmafflr15Min	5531
TPmonLmafflr1Day	5532
TPmonLmanflr15Min	5533
TPmonLmanflr1Day	5534
TPmonLmfhli15Min	5535
TPmonLmfhli1Day	5536
TPmonLmnhli15Min	5537
TPmonLmnhli1Day	5538
TPmonLmxfflr15Min	5539
TPmonLmxfflr1Day	5540
TPmonLmxnflr15Min	5541
TPmonLmxnflr1Day	5542
TPmonPortHighCapacityOctets15Min	5455
TPmonPortHighCapacityOctets1Day	5456

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Alarm name	Alarm ID
TPmonPortHighCapacityPkts15Min	5457
TPmonPortHighCapacityPkts1Day	5458
TPmonPortIfInDiscards15Min	5459
TPmonPortIfInDiscards1Day	5460
TPmonPortIfInErrors15Min	5461
TPmonPortIfInErrors1Day	5462
TPmonPortIfInOctets15Min	5463
TPmonPortIfInOctets1Day	5464
TPmonPortIfInPackets15Min	5465
TPmonPortIfInPackets1Day	5466
TPmonPortIfOutDiscards15Min	5467
TPmonPortIfOutDiscards1Day	5468
TPmonPortIfOutErrors15Min	5469
TPmonPortIfOutErrors1Day	5470
TPmonPortIfOutOctets15Min	5471
TPmonPortIfOutOctets1Day	5472
TPmonPortIfOutPackets15Min	5473
TPmonPortIfOutPackets1Day	5474
TPmonPortQueue1OctetsDropped15Min	5475
TPmonPortQueue1OctetsDropped1Day	5476
TPmonPortQueue1PktsDropped15Min	5477
TPmonPortQueue1PktsDropped1Day	5478
TPmonPortQueue2OctetsDropped15Min	5479
TPmonPortQueue2OctetsDropped1Day	5480
TPmonPortQueue2PktsDropped15Min	5481
TPmonPortQueue2PktsDropped1Day	5482
TPmonPortQueue3OctetsDropped15Min	5483
TPmonPortQueue3OctetsDropped1Day	5484
TPmonPortQueue3PktsDropped15Min	5485
TPmonPortQueue3PktsDropped1Day	5486
TPmonPortQueue4OctetsDropped15Min	5487
TPmonPortQueue4OctetsDropped1Day	5488
TPmonPortQueue4PktsDropped15Min	5489
TPmonPortQueue4PktsDropped1Day	5490
TPmonPortQueue5OctetsDropped15Min	5491
TPmonPortQueue5OctetsDropped1Day	5492
TPmonPortQueue5PktsDropped15Min	5493

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Alarm name	Alarm ID
TPmonPortQueue5PktsDropped1Day	5494
TPmonPortQueue6OctetsDropped15Min	5495
TPmonPortQueue6OctetsDropped1Day	5496
TPmonPortQueue6PktsDropped15Min	5497
TPmonPortQueue6PktsDropped1Day	5498
TPmonPortQueue7OctetsDropped15Min	5499
TPmonPortQueue7OctetsDropped1Day	5500
TPmonPortQueue7PktsDropped15Min	5501
TPmonPortQueue7PktsDropped1Day	5502
TPmonPortQueue8OctetsDropped15Min	5503
TPmonPortQueue8OctetsDropped1Day	5504
TPmonPortQueue8PktsDropped15Min	5505
TPmonPortQueue8PktsDropped1Day	5506
TPmonSapIngressOctetsDropped15Min	5598
TPmonSapIngressOctetsDropped1Day	5599
TPmonSapIngressPktsDropped15Min	5600
TPmonSapIngressPktsDropped1Day	5601
TPmonSImafflr15Min	5544
TPmonSImafflr1Day	5543
TPmonSImafflrContinuous	5545
TPmonSImanflr15Min	5547
TPmonSImanflr1Day	5546
TPmonSImanflrContinuous	5548
TPmonSImfhli15Min	5549
TPmonSImfhli1Day	5550
TPmonSImfhliContinuous	5551
TPmonSImnhli15Min	5552
TPmonSImnhli1Day	5553
TPmonSImnhliContinuous	5554
TPmonSImxfFlr1Day	5555
TPmonSImxflrContinuous	5556
TPmonSImxnFlr1Day	5557
TPmonSImxnflrContinuous	5558
UserPayloadMismatchOut	5507

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New alarms for 5620 SAM Release 12.0 R2

Table 1-6 lists the new alarms for 5620 SAM Release 12.0 R2.

Table 1-6 New alarms for 5620 SAM Release 12.0 R2

Alarm name	Alarm ID
CTAuxMisalignmentWhileEnbAutoAllocationDisabled	5423
FanCommunicationProblem	5424
PowerSupplyInputFeedDown	5422
RFSwitchFail	5425
SubRackBatteryFail	5426
SubRackSecondaryBatteryFail	5427
WMMPMFileNotificationMissing	5387

New alarms for 5620 SAM Release 12.0 R1

Table 1-7 lists the new alarms for 5620 SAM Release 12.0 R1.

Table 1-7 New alarms for 5620 SAM Release 12.0 R1

Alarm name	Alarm ID
ABSAalarm	5187
AGWGTPPMIPPeerLastRestartInfo	5189
AllBgpPeerConnectionsDown	5417
AuthKeyConflict	5188
AuxiliaryDatabaseProxyStateChangeDetected	5170
AuxiliaryDatabaseProxyUnreachable	5171
AuxiliaryDatabaseStateChangeDetected	5172
AuxiliaryDatabaseStatus	5173
ConcurrentSessionExceedsHigh	5401
ConcurrentSessionExhausted	5402
CpaaAreaUnreachableThroughISIS	5418
CpaaAreaUnreachableThroughOSPF	5419
CpaaAreaUnreachableThroughOSPFv3	5420
CpmProtectionViolationSDPEntry	5415
DatabaseServerErrors	5174
DiamAppMessageDropped	5175
DiamAppSessionFailure	5410
GfpLof	5176
GwPoolCapacityAlarmMajor	5190
GwPoolCapacityAlarmMinor	5191
IK4001031	5192

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Alarm name	Alarm ID
IK4003001	5193
IK4003002	5194
IK4003004	5195
IK4003006	5196
IK4003081	5197
IK4003082	5198
IK4003083	5199
IK4003103	5200
IK4004003	5201
IK4004004	5202
IK4004005	5203
IK4004006	5204
IK4004007	5205
IK4004008	5206
IK4004107	2266
IK4004126	2285
IK4004127	2286
IK4004128	2287
IK4004129	2288
IK4004130	2289
IK4004131	2290
IK4004132	2291
IK4004133	2292
IK4004134	2293
IK4004135	2294
IK4004136	2295
IK4004138	2297
IK4004139	2298
IK4004143	5207
IK4004193	5208
IK4004194	5209
IK4004195	5210
IK4004196	5211
IK4004197	5212
IK4005002	2301
IK4005003	2302
IK4005004	2303

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Alarm name	Alarm ID
IK4005005	5213
IK4005006	2304
IK4005007	2305
IK4005008	2306
IK4005009	2307
IK4005010	2308
IK4007003	5214
IK4007007	5215
IK4007009	5216
IK4007014	5217
IK4007015	5218
IK4007016	5219
IK4007017	5220
IK4007018	5221
IK4007020	5222
IK4007024	5223
IK4007025	5224
IK4007028	5225
IK4007029	5226
IK4008015	5227
IK4008016	5228
IK4008017	5229
IK4008018	5230
IK4008019	5231
IK4009008	5232
IK4009009	5233
IK4009013	5234
IK4009014	5235
IK4009017	5236
IK4009030	5237
IK4010039	5238
IK4012030	5239
IK4015000	5240
IK4015001	5241
IK4015002	5242
IK4015007	5243
IK4015008	5244

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Alarm name	Alarm ID
IK4015009	5245
IK4015010	5246
IK4015011	5247
IK4015012	5248
IK4015013	5249
IK4015014	5250
IK4015015	5251
IK4015016	5252
IK4015017	5253
IK4015018	5254
IK4015019	5255
IK4015020	5256
IK4015021	5257
IK4015022	5258
IK4015023	5259
IK4015024	5260
IK4015025	5261
IK4015026	5262
IK4015027	5263
IK4015028	5264
IK4015029	5265
IK4015030	5266
IK4015031	5267
IK4016000	5268
IK4016001	5269
IK4016002	5270
IK4016003	5271
IK4016004	5272
IK4016005	5273
IK4016006	5274
IK4016007	5275
IK4016008	5276
IK4016009	5277
IK4016010	5278
IK4016011	5279
IK4016012	5280
IK4016013	5281

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Alarm name	Alarm ID
IK4017000	5282
IK4017001	5283
IK4017002	5284
IK4017003	5285
IK4017004	5286
IK4017005	5287
IK4017006	5288
IK4017007	5289
IK4017008	5290
IK4017009	5291
IK4017010	5292
IK4017011	5293
IK4017012	5294
IK4017013	5295
IK4018000	5296
IK4018001	5297
IK4018002	5298
IK4018003	5299
IK4018004	5300
IK4018005	5301
IK4018006	5302
IK4018007	5303
IK4018008	5304
IK4018009	5305
IK4018010	5306
IK4018011	5307
IK4018012	5308
IK4018013	5309
IK4019000	5310
IK4019001	5311
IK4019002	5312
IK4019003	5313
IK4019004	5314
IK4019005	5315
IK4019006	5316
IK4019007	5317
IK4019008	5318

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Alarm name	Alarm ID
IK4019009	5319
IK4019010	5320
IK4019011	5321
IK4019012	5322
IK4019013	5323
IK4020000	5324
IK4020001	5325
IK4020002	5326
IK4020003	5327
IK4020004	5328
IK4020005	5329
IK4020006	5330
IK4020007	5331
IK4020008	5332
IK4020009	5333
IK4020010	5334
IK4020011	5335
IK4020012	5336
IK4020013	5337
IK4021000	5338
IK4021001	5339
IK4021002	5340
IK4021003	5341
IK4021004	5342
IK4021005	5343
IK4021006	5344
IK4021007	5345
IK4021008	5346
IK4021009	5347
IK4021010	5348
IK4021011	5349
IK4021012	5350
IK4021013	5351
IK4305116	5352
IK4305117	5353
IK4305118	5354
IK4305128	5355

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Alarm name	Alarm ID
IK4305153	5356
IK4305154	5357
IK4305184	5358
IK4305185	5359
IK4305186	5360
IK4306000	5361
IK4306015	5362
IK4306016	5363
IK4306017	5364
IK4306035	5365
IK4306036	5366
IK4306037	5367
IK4306038	5368
IK4306039	5369
IK4306040	5370
IK4306041	5371
IK4306042	5372
IK4306043	5373
IK4306061	5374
IK4306062	5375
IK4306063	5376
IK4306064	5377
IK4306065	5378
IK4306067	5379
IK4306068	5380
IK4306080	5381
IK4306081	5382
IK4306082	5383
IK4901061	5384
IK4906011	5385
IK4906012	5386
IPSecUSAFailToAddRoute	5185
IPSecRUTnIFailToCreate	5186
KeyDomainErr	5177
LowSwitchFabricCap	5178
MldGrpIfSapCModeRxQueryMism	5390
MldGrpIfSapMaxGroupsLimitExceeded	5391

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Alarm name	Alarm ID
MldGrpIfSapMaxGrpSrcLimExcd	5392
MldGrpIfSapMaxSourcesLimitExceeded	5393
MldGrpIfSapRxQueryVerMism	5394
MldMaxGrpSrcsLimitExceeded	5395
MldMaxSrcsLimitExceeded	5396
NatLsnSubscriberIcmpPortUsgHigh	5397
NatLsnSubscriberSessionUsgHigh	5398
NatLsnSubscriberTcpPortUsgHigh	5399
NatLsnSubscriberUdpPortUsgHigh	5400
netconfEventReplayFailure	5389
NtpChkSig	5403
OchKeysReused	5180
OchKeyUnavail	5179
OFFlowEntryDeploymentCreateFailed	5405
OFFlowEntryDeploymentDeleteFailed	5406
OFLogicalPortStatusMplsTpNotSet	5407
OFLogicalPortStatusRsvpTeNotSet	5408
OFSwitchDown	5409
PowerSupplyACRectifierFailure	5181
ProvPowerCapacity	5182
SasPmBinAlarmLimitReached	5413
SasPmBinStatThresholdExceeded	5412
sdpPbbActvPwWithNonActvCtrIPwChg	5416
StatsPollerProblem	5404
SubSlaacOverride	5414
SubVirtualSubnetHostsDeleted	5411
TChipMemoryError	5183
unsupportedPortUsage	5184
WmmLSS_cdrFileStorageSpaceThreshold	5388
WppPortalUnreachable	5421

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2 – 5620 SAM platform alarms



Note – Some alarms that the 5620 SAM can raise against the 5620 SAM platform may not be listed in this chapter. Associating alarms with specific domains is an ongoing Alcatel-Lucent effort. If the 5620 SAM raises an alarm against the 5620 SAM platform, and the alarm is not described in this chapter, see chapter 41 for information about the alarm.

Table 2-1 AccountingPolicyDown

Alarm	Attributes	Applicable major releases
Name: AccountingPolicyDown (538) Type: AccountingPolicy (54) Package: accounting Raised on class: accounting.Policy	Severity: critical Implicitly cleared: true Default probable cause: accountingPolicyDown (414)	<ul style="list-style-type: none"> 12.0 R7
Description: The alarm is raised when an accounting policy goes operationally Down after a file creation failure at the specified admin and backup locations.		
Raising condition: ('operationalState' EQUAL 'Down')		
Clearing condition: ('operationalState' NOT EQUAL 'Down')		
Remedial action: The file creation error is most likely a result of a flash disk full condition. Please analyse the content of the flash disk and remove redundant files. After this operation is complete please administratively toggle the accounting policy down/up. If the problem persists please contact Alcatel-Lucent support for assistance.		

2 – 5620 SAM platform alarms

Table 2-2 ActivationSessionActiveTooLong

Alarm	Attributes	Applicable major releases
Name: ActivationSessionActiveTooLong (1153) Type: configurationAlarm (11) Package: activation Raised on class: activation.Session	Severity: warning Implicitly cleared: true Default probable cause: activationSessionOpen (857)	<ul style="list-style-type: none"> 12.0 R7
Description: The alarm is raised when an activation session has been active for 24 hours.		
Remedial action: Close the Activation Session.		

Table 2-3 ActivitySwitch

Alarm	Attributes	Applicable major releases
Name: ActivitySwitch (182) Type: communicationsAlarm (4) Package: netw Raised on class: netw.NmsSystem	Severity: critical Implicitly cleared: false Default probable cause: systemFailed (144)	<ul style="list-style-type: none"> 12.0 R7
Description: The alarm is raised when a 5620 SAM main server activity switch occurs.		
Remedial action: Informational - if the alarm persists or is occurring frequently perform root cause analysis to determine why connectivity between the primary and standby SAM servers is unreliable.		

Table 2-4 AlarmQueueOverflowed

Alarm	Attributes	Applicable major releases
Name: AlarmQueueOverflowed (3683) Type: qualityOfServiceAlarm (82) Package: netw Raised on class: netw.NmsSystem	Severity: critical Implicitly cleared: false Default probable cause: queueSizeExceeded (712)	<ul style="list-style-type: none"> 12.0 R7
Description: The alarm is raised when the alarm queue size exceeds the allowed maximum. When this happens, the 5620 SAM discards alarms.		
Remedial action: An excessive number of traps are being received by 5620 SAM from the NEs in the network. 5620 SAM discards excess traps and recovers them from the network once the trap rate subsides. If the problem persists please contact Alcatel-Lucent support for assistance.		

Table 2-5 AlarmReplayFailure

Alarm	Attributes	Applicable major releases
Name: AlarmReplayFailure (5121) Type: communicationsAlarm (4) Package: netw Raised on class: netw.NetworkElement	Severity: major Implicitly cleared: false Default probable cause: communicationsProtocolError (901)	<ul style="list-style-type: none"> 12.0 R7
Description: The alarm is raised when the Alarm Replay fails. It is stored in Alarm Historical table.		
Remedial action: An Alarm Replay has failed (usually due to communication problems) - Some alarms may be missing in the Historical Alarm List.		

Table 2-6 AllArchiveLogsDeleted

Alarm	Attributes	Applicable major releases
Name: AllArchiveLogsDeleted (199) Type: databaseAlarm (29) Package: db Raised on class: db.DatabaseManager	Severity: warning Implicitly cleared: false Default probable cause: archivedLogIssue (154)	<ul style="list-style-type: none"> 12.0 R7
Description: The alarm is raised when the 5620 SAM deletes all database archive logs because it requires more disk space. When database disk space is low, the 5620 SAM first deletes the archive logs that have been applied to the standby database and raises the OldArchiveLogsDeleted alarm. If deleting the applied archive logs does not free up sufficient disk space, the 5620 SAM deletes the remaining archive logs, which creates an archive log gap that requires a standby database instantiation to correct. The alarm is raised only in a redundant 5620 SAM system.		
Remedial action: The standby database should be manually re-instantiated using the commands available in the SAM GUI. Alcatel-Lucent support should be contacted for further investigation.		

Table 2-7 ArchiveLogDiskSpaceBelowThreshold

Alarm	Attributes	Applicable major releases
Name: ArchiveLogDiskSpaceBelowThreshold (197) Type: databaseAlarm (29) Package: db Raised on class: db.DatabaseManager	Severity: critical Implicitly cleared: false Default probable cause: diskSpaceIssue (153)	<ul style="list-style-type: none"> 12.0 R7
Description: The alarm is raised when the primary or standalone database archived log disk space threshold specified in the nms-server.xml file is reached.		
Remedial action: The archive log directory has become too full. Performing a manual database backup is required to reduce the size of this directory. If the alarm persists then the frequency of database backups must be increased.		

Table 2-8 ArchiveLogDiskSpaceSizeMismatch

Alarm	Attributes	Applicable major releases
Name: ArchiveLogDiskSpaceSizeMismatch (2935) Type: diskSpaceIssue (99) Package: db Raised on class: db.DatabaseManager	Severity: major Implicitly cleared: false Default probable cause: diskSpaceIssue (153)	<ul style="list-style-type: none"> 12.0 R7
Description: The alarm is raised when the primary and standby database archived log directory sizes do not match.		
Remedial action: Disk space should be adjusted on the database servers to ensure adequate and equal space is reserved.		

Table 2-9 AuthenticationFailure

Alarm	Attributes	Applicable major releases
Name: AuthenticationFailure (128) Type: communicationsAlarm (4) Package: security Raised on class: security.TSecurityManager	Severity: warning Implicitly cleared: true Default probable cause: multipleSecurityViolations (336)	<ul style="list-style-type: none"> 12.0 R7
Description: The alarm is raised when a configurable number of attempts to log in to a 5620 SAM client fail. The alarm information includes the user name. The 5620 SAM will clear the alarm upon a successful user login or account deletion.		
Remedial action: Informational - the additional text field of the alarm will provide more details.		

Table 2-10 AuthorizationFailure

Alarm	Attributes	Applicable major releases
Name: AuthorizationFailure (529) Type: communicationsAlarm (4) Package: security Raised on class: security.TSecurityManager	Severity: warning Implicitly cleared: false Default probable cause: multipleSecurityViolations (336)	<ul style="list-style-type: none"> 12.0 R7
Description: The alarm is raised when a configurable number of attempts to delete or modify an object that is not in the current user span of control fail.		
Remedial action: Informational - the additional text field of the alarm will provide more details.		

Table 2-11 AuxiliaryServerAssignmentProblem

Alarm	Attributes	Applicable major releases
Name: AuxiliaryServerAssignmentProblem (5135) Type: processingErrorAlarm (81) Package: server Raised on class: server.AuxiliaryServer	Severity: warning Implicitly cleared: false Default probable cause: configurationOrCustomizationError (902)	<ul style="list-style-type: none"> 12.0 R7
Description: This alarm is raised when a NE cannot be assigned to an AuxiliaryServer during load balancing or manual assignment operation.		
Remedial action: Ensure the NE is managed, reachable and that no configuration operation is in progress on that NE and relaunch the operation.		

Table 2-12 BackupDiskSpaceBelowThreshold

Alarm	Attributes	Applicable major releases
Name: BackupDiskSpaceBelowThreshold (195) Type: databaseAlarm (29) Package: db Raised on class: db.DatabaseManager	Severity: critical Implicitly cleared: false Default probable cause: diskSpaceIssue (153)	<ul style="list-style-type: none"> 12.0 R7
Description: The alarm is raised when the primary or standalone database backup disk space threshold specified in the nms-server.xml file is reached.		
Remedial action: The additional text field of the alarm will provide more details. Additional disk space must be made available for the backup location or a different, larger backup location must be configured.		

Table 2-13 BackupRestoreApplicationLockNotObtained

Alarm	Attributes	Applicable major releases
Name: BackupRestoreApplicationLockNotObtained (1962) Type: integrityViolation (85) Package: lte Raised on class: lte.ENBEquipment	Severity: warning Implicitly cleared: true Default probable cause: UnableToAcquireLock (949)	<ul style="list-style-type: none"> 12.0 R7
Description: This alarm is raised when the Backup/Restore Application is unable to acquire lock. Retry the Backup/Restore Operation once the lock is released by the other application.		
Remedial action: Retry the Backup/Restore Operation once the lock is released by the other application.		

Table 2-14 BgpEventDbSizeThresholdExceeded

Alarm	Attributes	Applicable major releases
Name: BgpEventDbSizeThresholdExceeded (3703) Type: configurationAlarm (11) Package: topology Raised on class: topology.BgpEventPartitionManager	Severity: variable Implicitly cleared: true Default probable cause: BGPEventDBSizesNotSufficient (1443)	<ul style="list-style-type: none"> 12.0 R7
Description: The alarm is raised when the actual DB size consumed by BGP Events exceeds the threshold.		
Remedial action: BGP Events DB storage reached threshold or exceeded, increase "Max BGP Events DB Size" in BGP Event Manager GUI.		

Table 2-15 BootConfigFailScriptNotAccesible

Alarm	Attributes	Applicable major releases
Name: BootConfigFailScriptNotAccesible (543) Type: configurationAlarm (11) Package: netw Raised on class: netw.NetworkElement	Severity: major Implicitly cleared: false Default probable cause: bootConfigFailScriptNotAccesible (416)	<ul style="list-style-type: none"> 12.0 R7
Description: The alarm is raised when a CLI script that runs after NE configuration file execution failure is inaccessible.		
Remedial action: Ensure that the CLI script (boot-bad-exec) that runs after an NE configuration file execution failure is accessible. The script location is configurable through CLI on the NE (configure system boot-bad-exec)		

Table 2-16 BootConfigOKScriptNotAccesible

Alarm	Attributes	Applicable major releases
Name: BootConfigOKScriptNotAccesible (544) Type: configurationAlarm (11) Package: netw Raised on class: netw.NetworkElement	Severity: major Implicitly cleared: false Default probable cause: bootConfigOKScriptNotAccesible (417)	<ul style="list-style-type: none"> 12.0 R7
Description: The alarm is raised when a CLI script that runs after NE configuration file execution success is inaccessible.		
Remedial action: Ensure that the CLI script (boot-good-exec) file that runs after an NE configuration file execution success is accessible. The script location is configurable through CLI on the NE (configure system boot-good-exec)		

Table 2-17 CacheSyncCommunicationFailure

Alarm	Attributes	Applicable major releases
Name: CacheSyncCommunicationFailure (4390) Type: communicationsAlarm (4) Package: server Raised on class: server.SamServer	Severity: major Implicitly cleared: true Default probable cause: connectionEstablishmentError (1136)	<ul style="list-style-type: none"> 12.0 R7
Description: The alarm is raised when the 5620 SAM standby server cannot establish a warm redundancy connection with the 5620 SAM primary server.		
Remedial action: Please ensure the primary and standby servers are up and verify the cache-sync connection settings in nms-server.xml.		

Table 2-18 certifyFailureAlarm

Alarm	Attributes	Applicable major releases
Name: certifyFailureAlarm (533) Type: softwareAlarm (19) Package: sw Raised on class: sw.SoftwareControlModule	Severity: major Implicitly cleared: false Default probable cause: certifyFailureAlarm (402)	<ul style="list-style-type: none"> 12.0 R7
Description: The alarm is raised when the software certification process on an NE fails.		
Remedial action: The SW image on the NE may have been inadvertently corrupted. Download a new copy of the SW image to the NE. If the problem persists contact Alcatel-Lucent support for assistance.		

Table 2-19 CliCommandFailure

Alarm	Attributes	Applicable major releases
Name: CliCommandFailure (402) Type: communicationsAlarm (4) Package: netw Raised on class: netw.NetworkElement	Severity: warning Implicitly cleared: false Default probable cause: cliCommandFailure (300)	<ul style="list-style-type: none"> 12.0 R7
Description: The alarm is raised when a CLI command on an NE fails.		
Remedial action: Verify that the mediation profile matches the device CLI login credentials. If the problem persists please contact Alcatel-Lucent support for assistance.		

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Table 2-20 CliConnectionProblem

Alarm	Attributes	Applicable major releases
Name: CliConnectionProblem (299) Type: communicationsAlarm (4) Package: netw Raised on class: netw.NetworkElement	Severity: warning Implicitly cleared: false Default probable cause: cliConnectionProblem (230)	<ul style="list-style-type: none"> 12.0 R7
Description: The alarm is raised when the 5620 SAM fails to open a CLI session on an NE because the number of open CLI sessions on the NE is at the maximum.		
Remedial action: Verify that connectivity can be established to the network element. For GNE devices, verify that the GNE profile matches the device operation.		

Table 2-21 ClientDelegateServerMaxUIExceeded

Alarm	Attributes	Applicable major releases
Name: ClientDelegateServerMaxUIExceeded (730) Type: resourceAlarm (28) Package: server Raised on class: server.ClientDelegateServer	Severity: warning Implicitly cleared: true Default probable cause: clientDelegateServerMaxUIExceeded (508)	<ul style="list-style-type: none"> 12.0 R7
Description: The alarm is raised when the total number of client GUI sessions on a client delegate server reaches or exceeds the configured maximum value.		
Remedial action: Informational - The number of available GUI client sessions has been exceeded. Please reduce the number of GUI client sessions.		

Table 2-22 CliLoginFailed

Alarm	Attributes	Applicable major releases
Name: CliLoginFailed (298) Type: communicationsAlarm (4) Package: netw Raised on class: netw.NetworkElement	Severity: warning Implicitly cleared: false Default probable cause: cliLoginFailed (229)	<ul style="list-style-type: none"> 12.0 R7
Description: The alarm is raised when a CLI login attempt fails because of an incorrect user name or password.		
Remedial action: Verify that the mediation profile matches the device login credentials.		

Table 2-23 CorruptedUdpPacket

Alarm	Attributes	Applicable major releases
Name: CorruptedUdpPacket (1921) Type: communicationsAlarm (4) Package: netw Raised on class: netw.NetworkElement	Severity: variable Implicitly cleared: false Default probable cause: corruptedPacket (921)	<ul style="list-style-type: none"> 12.0 R7
Description: The alarm is raised when an UDP packet for an application is corrupted.		
Remedial action: A call trace packet contains unexpected content. If the problem persists, the source device might be generating unexpected content.		

Table 2-24 DatabaseArchivedLogNotApplied

Alarm	Attributes	Applicable major releases
Name: DatabaseArchivedLogNotApplied (205) Type: configurationAlarm (11) Package: db Raised on class: db.DatabaseManager	Severity: warning Implicitly cleared: true Default probable cause: databaseArchivedLogNotApplied (159)	<ul style="list-style-type: none"> 12.0 R7
Description: The alarm is raised when, during a database backup, the 5620 SAM determines that the archive logs are not being applied to the standby database, as indicated by the archive log gap. The archive log gap threshold is defined in the nms-server.xml file. The alarm is raised only in a redundant 5620 SAM system.		
Remedial action: Possible causes include loss of network connectivity between the primary and standby database platforms or network latency. If problem does not appear to be network connectivity/latency related then please contact Alcatel-Lucent support for assistance.		

Table 2-25 DatabaseBackupFailed

Alarm	Attributes	Applicable major releases
Name: DatabaseBackupFailed (136) Type: configurationAlarm (11) Package: db Raised on class: db.DatabaseManager	Severity: major Implicitly cleared: false Default probable cause: databaseBackupFailure (109)	<ul style="list-style-type: none"> 12.0 R7
Description: The alarm is raised when the database backup files cannot be created because of, for example, a lack of disk space or insufficient file permissions.		
Remedial action: Check the additional text of the alarm for guidance as to the specifics of the problem. Possible causes are lack of disk space or insufficient file permissions or the backup cannot finish on time. If the backup cannot finish on time, re-attempt the database backup.		

Table 2-26 DatabaseBackupInvalidConfig

Alarm	Attributes	Applicable major releases
Name: DatabaseBackupInvalidConfig (1117) Type: configurationAlarm (11) Package: db Raised on class: db.DatabaseManager	Severity: major Implicitly cleared: true Default probable cause: InvaliddbBackupConfiguration (829)	<ul style="list-style-type: none"> 12.0 R7
Description: The alarm is raised when the directory location specified for database scheduled backups is empty.		
Remedial action: A configuration error has been made which must be corrected. The backup destination must be configured in the database backup policy.		

Table 2-27 DatabaseBackupRsyncFailed

Alarm	Attributes	Applicable major releases
Name: DatabaseBackupRsyncFailed (749) Type: databaseAlarm (29) Package: db Raised on class: db.DatabaseManager	Severity: warning Implicitly cleared: false Default probable cause: databaseBackupFileRsyncFailed (525)	<ul style="list-style-type: none"> 12.0 R7
Description: The alarm is raised when one or more database backup files cannot be copied to the standby database station.		
Remedial action: The additional text field of the alarm will provide more details as will the EmsServer.log. Possible causes include a HW failure on the platform hosting the standby database function, loss of network connectivity between the primary and standby database servers.		

Table 2-28 DatabaseRedundancyArchiveGap

Alarm	Attributes	Applicable major releases
Name: DatabaseRedundancyArchiveGap (611) Type: configurationAlarm (11) Package: db Raised on class: db.DatabaseManager	Severity: major Implicitly cleared: true Default probable cause: DatabaseRedundancyArchiveGap (454)	<ul style="list-style-type: none"> 12.0 R7
Description: The alarm is raised when the primary 5620 SAM main server detects an archive log gap. An archive log gap occurs when a number of archive logs cannot be applied to the standby database. The alarm may indicate that the primary database is out of archive log disk space, the standby database has been down for too long, or the standby database is not able to process the archive logs at the rate that the primary database sends them. The alarm clears after a standby database reinstantiation, which corrects the archive log gap. The alarm is raised only in a redundant 5620 SAM system.		
Remedial action: The standby database should be manually re-instantiated using the commands available in the SAM GUI. Alcatel-Lucent support should be contacted for further investigation.		

Table 2-29 DatabaseRedundancyFailure

Alarm	Attributes	Applicable major releases
Name: DatabaseRedundancyFailure (246) Type: configurationAlarm (11) Package: db Raised on class: db.DatabaseManager	Severity: critical Implicitly cleared: true Default probable cause: DatabaseRedundancyFailure (184)	<ul style="list-style-type: none"> 12.0 R7
Description: The alarm is raised when the 5620 SAM detects a standby database problem, for example, the database is down or not in managed recovery mode. The alarm clears when the standby database is functional. The alarm is raised only in a redundant 5620 SAM system.		
Remedial action: The additional text field of the alarm will provide more details as will the EmsServer.log. Possible causes include a HW failure on the platform hosting the standby database function, loss of network connectivity between the primary and standby database		

Table 2-30 DatabaseRedundancyOutOfSync

Alarm	Attributes	Applicable major releases
Name: DatabaseRedundancyOutOfSync (302) Type: configurationAlarm (11) Package: db Raised on class: db.DatabaseManager	Severity: warning Implicitly cleared: true Default probable cause: DatabaseRedundancyOutOfSync (233)	<ul style="list-style-type: none"> 12.0 R7
Description: The alarm is raised when the primary 5620 SAM server polls the primary and standby databases and detects a difference in the primary and standby database archive log sequence numbers that is greater than one. The alarm may indicate that the primary database is not sending archive logs to the standby quickly enough, or that the standby database is not able to process the archive logs at the rate that the primary sends them. The alarm is raised only in a redundant 5620 SAM system.		
Remedial action: Possible causes include loss of network connectivity between the primary and standby database platforms or network latency. Ensure that network connectivity is available and that network latency is within limits published by Alcatel-Lucent. If the network is functioning contact Alcatel-Lucent support for assistance.		

Table 2-31 DatabaseRedundancyRealTimeApplyFailure

Alarm	Attributes	Applicable major releases
Name: DatabaseRedundancyRealTimeApplyFailure (296) Type: configurationAlarm (11) Package: db Raised on class: db.DatabaseManager	Severity: warning Implicitly cleared: true Default probable cause: DatabaseRedundancyRealTimeApplyFailure (227)	<ul style="list-style-type: none"> 12.0 R7
Description: The alarm is raised when database redundancy falls out of real-time apply transfer mode, which means that the primary database transactions are not immediately replicated to the standby database. The alarm clears when the database is operating in real-time apply mode.		
Remedial action: Possible causes include loss of network connectivity between the primary and standby database platforms or network latency. This can be intermittent where the software will recover from this state. Ensure that network connectivity is available and that network latency is within limits published by Alcatel-Lucent. If the network is functioning contact Alcatel-Lucent support for assistance.		

Table 2-32 DatabaseSqlFormatInvalid

Alarm	Attributes	Applicable major releases
Name: DatabaseSqlFormatInvalid (4419) Type: databaseAlarm (29) Package: db Raised on class: db.DatabaseManager	Severity: major Implicitly cleared: false Default probable cause: InvalidSqlFormat (1583)	<ul style="list-style-type: none"> 12.0 R7
Description: The alarm is raised when an invalid SQL is detected by the database server.		
Remedial action: The probable cause of this alarm is the database server detected invalid SQL. The EmsDbServerHealth.log will provide more information. Possible causes include SQL injection and invalid SQL statement errors.		

Table 2-33 DataFileDiskSpaceBelowThreshold

Alarm	Attributes	Applicable major releases
Name: DataFileDiskSpaceBelowThreshold (196) Type: databaseAlarm (29) Package: db Raised on class: db.DatabaseManager	Severity: critical Implicitly cleared: true Default probable cause: diskSpaceIssue (153)	<ul style="list-style-type: none"> 12.0 R7
Description: The alarm is raised when the primary or standalone database data file disk space threshold specified in the nms-server.xml file is reached.		
Remedial action: Informational - it may be necessary to add additional disk capacity to the platform. Please contact Alcatel-Lucent support for assistance.		

Table 2-34 DatafileSizeAboveThreshold

Alarm	Attributes	Applicable major releases
Name: DatafileSizeAboveThreshold (750) Type: databaseAlarm (29) Package: db Raised on class: db.DatabaseManager	Severity: variable Implicitly cleared: true Default probable cause: HighNumberOfRecords (526)	<ul style="list-style-type: none"> 12.0 R7
Description: The alarm is raised when a tablespace data file size exceeds the used space threshold.		
Remedial action: The probable cause of this alarm is the storage of too many records in the database. If the alarm persists please contact Alcatel-Lucent support for assistance.		

Table 2-35 DataLossAlarm (equipment)

Alarm	Attributes	Applicable major releases
Name: DataLossAlarm (148) Type: storageAlarm (25) Package: equipment Raised on class: equipment.FlashMemory	Severity: major Implicitly cleared: true Default probable cause: dataLoss (122)	<ul style="list-style-type: none"> 12.0 R7
Description: The alarm is raised when a device detects an error while writing to a compact flash unit.		
Remedial action: The frequency at which accounting statistics are being collected must be reduced. Optionally an statistics AUX server may be added to the SAM platform complex in order to offload the statistics collection task from the main SAM server.		

Table 2-36 DataLossAlarm (sw)

Alarm	Attributes	Applicable major releases
Name: DataLossAlarm (148) Type: storageAlarm (25) Package: sw Raised on class: sw.AccountingStatsRetrievalManager	Severity: major Implicitly cleared: false Default probable cause: dataLoss (122)	<ul style="list-style-type: none"> 12.0 R7
Description: The alarm is raised when the 5620 SAM receives the tmxLogAccountingDataLoss trap, which is sent when a statistics collection interval ends while an NE is writing data to an accounting file. The statistics collection for the interval stops immediately, and collection for the next interval begins. The accounting statistics file for the interrupted collection contains an incomplete data set as a result.		
Remedial action: The collection interval configured on the NE is too short. Please lengthen the collection interval such that the NE has sufficient time to complete data collection within one interval. If the problem persists please contact Alcatel-Lucent support for assistance.		

Table 2-37 DBFailOver

Alarm	Attributes	Applicable major releases
Name: DBFailOver (201) Type: configurationAlarm (11) Package: db Raised on class: db.DatabaseManager	Severity: critical Implicitly cleared: true Default probable cause: databasePrimaryDown (155)	<ul style="list-style-type: none"> 12.0 R7
Description: The alarm is raised when a database failover occurs. A standby database instantiation is required. The alarm clears when the standby database is online.		
Remedial action: The standby database should be manually re-instantiated using the commands available in the SAM GUI.		

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Table 2-38 DefaultInstanceInconsistency

Alarm	Attributes	Applicable major releases
Name: DefaultInstanceInconsistency (211) Type: ConfigurationAlarm (15) Package: policy Raised on class: policy.Manager	Severity: warning Implicitly cleared: true Default probable cause: multipleDefaultInstancesEncountered (54)	<ul style="list-style-type: none"> 12.0 R7
Description: The alarm is raised when an accounting policy is the default for more than one service type or more than one network type.		
Raising condition: ('defaultInstanceInconsistency' EQUAL 'true')		
Clearing condition: ('defaultInstanceInconsistency' EQUAL 'false')		
Remedial action: Informational		

Table 2-39 DeployerObjectsLimitExceeded

Alarm	Attributes	Applicable major releases
Name: DeployerObjectsLimitExceeded (3314) Type: communicationsAlarm (4) Package: netw Raised on class: netw.NmsSystem	Severity: major Implicitly cleared: false Default probable cause: tooManyDeployerObjects (1153)	<ul style="list-style-type: none"> 12.0 R7
Description: The alarm is raised when the number of deployed objects or attributes exceeds the 5620 SAM system limit.		
Remedial action: Clear failed deployers to make deployers available for network operations.		

Table 2-40 DeploymentFailure

Alarm	Attributes	Applicable major releases
Name: DeploymentFailure (13) Type: deploymentFailure (5) Package: generic Raised on class: generic.GenericObject	Severity: minor Implicitly cleared: true Default probable cause: failedToModifyNetworkResource (11)	<ul style="list-style-type: none"> 12.0 R7
Description: The alarm is raised when the 5620 SAM is unable to create, modify, or delete a network object because of NE unreachability or a failed SNMP set operation. The alarm information includes the deployment ID, the requesting user ID, and the deployment type.		
Remedial action: Informational - if the alarm persists or is occurring frequently then investigation is required to understand a) why the underlying transport network is unreliable or b) why the NE is too busy to respond to 5620 SAM		

Table 2-41 DetectedPreProvisionedCandidateNodeHasConfig

Alarm	Attributes	Applicable major releases
Name: DetectedPreProvisionedCandidateNodeHasConfig (1960) Type: communicationsAlarm (4) Package: netw Raised on class: netw.DiscoveredNode	Severity: critical Implicitly cleared: false Default probable cause: detectedPreProvisionedCandidateNodeHasConfig (947)	<ul style="list-style-type: none"> 12.0 R7
Description: The alarm is raised when the candidate node detected for pre-provisioning already has a configuration in it. The configuration in the detected node is replaced with the configuration in the matching pre-provisioned node in SAM during the deployment stage of self-configuration.		
Remedial action: Verify that the candidate network element is intended to be pre-provisioned with the specified configuration. configuration deployment stage of self-config		

Table 2-42 DiskSpaceBelowThreshold

Alarm	Attributes	Applicable major releases
Name: DiskSpaceBelowThreshold (1934) Type: serverAlarm (94) Package: server Raised on class: server.SamServer	Severity: variable Implicitly cleared: true Default probable cause: diskSpaceIssue (153)	<ul style="list-style-type: none"> 12.0 R7
Description: The alarm is raised when the disk space threshold is reached.		
Remedial action: This is a generic error if SAM Server free disk space is below acceptable levels. The additional text field of the alarm will provide more details of the specific problem. Reduce the disk space by changing file retention times or disk usage limits. It may be necessary to add additional disk space to the system to resolve the problem.		

Table 2-43 DroppedUdpPackets

Alarm	Attributes	Applicable major releases
Name: DroppedUdpPackets (1935) Type: communicationsAlarm (4) Package: server Raised on class: server.SamServer	Severity: variable Implicitly cleared: false Default probable cause: tooManyUdpPacketsBuffered (926)	<ul style="list-style-type: none"> 12.0 R7
Description: The alarm is raised when the number of UDP Packets that await processing by the 5620 SAM surpasses the server's capacity to process them.		
Remedial action: The eNodeB NEs in the network are generating more data than 5620 SAM can process. Reduce the number of eNodeBs actively collecting Call Trace data to reduce the scope of data collection (i.e. be selective on the interfaces being traced).		

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Table 2-44 DuplicateRouterIdProblem

Alarm	Attributes	Applicable major releases
Name: DuplicateRouterIdProblem (411) Type: configurationAlarm (11) Package: netw Raised on class: netw.NetworkElement	Severity: critical Implicitly cleared: false Default probable cause: duplicateRouterId (168)	<ul style="list-style-type: none"> 12.0 R7
Description: The alarm is raised when the 5620 SAM detects that the same address is being used by multiple NEs. To prevent 5620 SAM database corruption, the 5620 SAM does not discover the NE with the duplicate address.		
Remedial action: A configuration error has been made which must be corrected. Re-configure the IP address in error to a correct value.		

Table 2-45 EMSystemAlarmOverLoad

Alarm	Attributes	Applicable major releases
Name: EMSystemAlarmOverLoad (3741) Type: processingErrorAlarm (81) Package: hip Raised on class: hip.EMSystem	Severity: critical Implicitly cleared: true Default probable cause: systemResourcesOverload (1505)	<ul style="list-style-type: none"> 12.0 R7
Description: The alarm is raised when the 5620 SAM detects an overload of EMS alarms in the alarm list.		
Raising condition: ('alarmOverLoaded' EQUAL 'true')		
Clearing condition: ('alarmOverLoaded' EQUAL 'false')		
Remedial action: Informational - no corrective action required.		

Table 2-46 EMSystemUnreachable

Alarm	Attributes	Applicable major releases
Name: EMSystemUnreachable (2947) Type: communicationsAlarm (4) Package: hip Raised on class: hip.EMSystem	Severity: major Implicitly cleared: true Default probable cause: connectionEstablishmentError (1136) Applicable probable causes: <ul style="list-style-type: none"> connectionEstablishmentError transmissionError fireDetected lossOfRedundancy protectionMechanismFailure protectingResourceFailure excessiveResponseTime excessiveRetransmissionRate 	<ul style="list-style-type: none"> 12.0 R7
Description: The alarm is raised when the 5620 SAM detects a HIP communication link failure to the EM System while the EM System is administratively up. The alarm clears when the HIP link returns to service or the EM System is no longer administratively up.		

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Alarm	Attributes	Applicable major releases
Raising condition: (('Administrative State' EQUAL 'Up') AND ('Network Connection Status' NOT EQUAL 'Up'))		
Clearing condition: (('Administrative State' NOT EQUAL 'Up') OR ('Network Connection Status' EQUAL 'Up'))		
Remedial action: Check network connectivity between the SAM main server and EM System server. Check that the EM System is running and connectivity to SAM is operational.		

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Table 2-47 EventsThrottled

Alarm	Attributes	Applicable major releases
Name: EventsThrottled (356) Type: communicationsAlarm (4) Package: netw Raised on class: netw.NetworkElement	Severity: major Implicitly cleared: false Default probable cause: snmpDaemonOverloaded (141)	<ul style="list-style-type: none"> 12.0 R7
Description: The alarm is raised when an NE throttles events because the event rate exceeds the configured maximum.		
Remedial action: Informational - if the alarm persists or is occurring frequently then investigation on the NE is required to understand what is causing the consistently high rate of event traffic.		

Table 2-48 FailureToSwitchManagementProtocol

Alarm	Attributes	Applicable major releases
Name: FailureToSwitchManagementProtocol (1076) Type: communicationsAlarm (4) Package: netw Raised on class: netw.NodeDiscoveryControl	Severity: major Implicitly cleared: false Default probable cause: managementAddressInvalid (812)	<ul style="list-style-type: none"> 12.0 R7
Description: The alarm is raised when the 5620 SAM cannot switch the management address of an NE from one IP version to another.		
Remedial action: The additional text field of the alarm will provide guidance as to the reason for the failure - the most probable cause is a configuration error. The configuration error must be corrected. Once the issue has been resolved SAM will automatically re-attempt.		

Table 2-49 firstExpirationThresholdCrossed

Alarm	Attributes	Applicable major releases
Name: firstExpirationThresholdCrossed (2907) Type: configurationAlarm (11) Package: ranlicense Raised on class: ranlicense.RANLicense	Severity: minor Implicitly cleared: true Default probable cause: ageingLicense (1113)	<ul style="list-style-type: none"> 12.0 R7
Description: The alarm is raised when the specified First Expiration Threshold for RAN licensing is crossed.		

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Alarm	Attributes	Applicable major releases
Remedial action: Ask for a new LKDI license file with a further expiration date.		

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Table 2-50 firstUsageThresholdCrossed

Alarm	Attributes	Applicable major releases
Name: firstUsageThresholdCrossed (2908) Type: configurationAlarm (11) Package: ranlicense Raised on class: ranlicense.RANLicense	Severity: minor Implicitly cleared: true Default probable cause: insufficientPurchasedLicenses (1114)	<ul style="list-style-type: none"> 12.0 R7
Description: The alarm is raised when the specified First Usage Threshold for RAN licensing is crossed.		
Remedial action: Ask for a new LKDI license file with more tokens.		

Table 2-51 FrameSizeProblem (service)

Alarm	Attributes	Applicable major releases
Name: FrameSizeProblem (37) Type: configurationAlarm (11) Package: service Raised on class: service.Service	Severity: warning Implicitly cleared: true Default probable cause: frameSizeProblem (33)	<ul style="list-style-type: none"> 12.0 R7
Description: The alarm is raised when a provisioned MTU size value is greater than the supported MTU size value.		
Raising condition: ('mtulInconsistent' EQUAL 'true')		
Clearing condition: ('mtulInconsistent' EQUAL 'false')		
Remedial action: A configuration error has been made which must be corrected. The MTU value must be changed such that is less than or equal to the supported MTU size value.		

Table 2-52 FtpClientFailure

Alarm	Attributes	Applicable major releases
Name: FtpClientFailure (357) Type: communicationsAlarm (4) Package: netw Raised on class: netw.NetworkElement	Severity: warning Implicitly cleared: false Default probable cause: ftpClientFailure (257)	<ul style="list-style-type: none"> 12.0 R7
Description: The alarm is raised when an NE sends notification that an FTP operation initiated by the FTP client fails because of file unavailability, interruption during the file transfer, or a lack of available storage space.		

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Alarm	Attributes	Applicable major releases
Remedial action: Investigation is required to resolve the following possible scenarios: insufficient disk space on the NE to accommodate the file transfer being attempted; the NE is unreachable (including underlying transport network issue); loss of connectivity to the NE during transfer; the FTP daemon on the NE may have stopped; FTP security credential issues.		

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Table 2-53 HostnameMismatch

Alarm	Attributes	Applicable major releases
Name: HostnameMismatch (732) Type: configurationAlarm (11) Package: server Raised on class: server.SamServer	Severity: critical Implicitly cleared: false Default probable cause: hostnameMismatch (509)	<ul style="list-style-type: none"> 12.0 R7
Description: The alarm is raised when an auxiliary or standby server host name in a 5620 SAM main server configuration does not match the host name of the auxiliary or standby server /etc/hosts file.		
Remedial action: A configuration error has been made which must be corrected. The standby SAM server or AUX server host names on the 5620 SAM server are not resolving correctly and must be corrected (i.e. in the /etc/hosts file).		

Table 2-54 ignoreUnknownImportedLicenses

Alarm	Attributes	Applicable major releases
Name: ignoreUnknownImportedLicenses (2910) Type: configurationAlarm (11) Package: ranlicense Raised on class: ranlicense.RANLicenseManager	Severity: major Implicitly cleared: true Default probable cause: licenseMappingFileNotAlignedWithImportedFile (1116)	<ul style="list-style-type: none"> 12.0 R7
Description: The alarm is raised when at least one of the imported licenses in the LKDI license file is not recognized by the 5620 SAM.		
Remedial action: Informational - Provide a LKDI license file compliant with supported licenses.		

Table 2-55 InBandManagementConnectionDown

Alarm	Attributes	Applicable major releases
Name: InBandManagementConnectionDown (139) Type: communicationsAlarm (4) Package: netw Raised on class: netw.NodeDiscoveryControl	Severity: critical Implicitly cleared: true Default probable cause: managementConnectionDown (111)	<ul style="list-style-type: none"> 12.0 R7
Description: The alarm is raised when the 5620 SAM cannot reach a managed NE using the ping function over an in-band connection.		
Remedial action: Informational - if the alarm persists or is occurring frequently then investigation is required to understand a) why the underlying transport network is unreliable or b) why the NE is too busy to respond to 5620 SAM		

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Table 2-56 InstallDirectoryDiskSpaceBelowThreshold

Alarm	Attributes	Applicable major releases
Name: InstallDirectoryDiskSpaceBelowThreshold (612) Type: databaseAlarm (29) Package: db Raised on class: db.DatabaseManager	Severity: major Implicitly cleared: true Default probable cause: diskSpaceIssue (153)	<ul style="list-style-type: none"> 12.0 R7
Description: The alarm is raised when the primary or standalone database installation disk space threshold specified in the nms-server.xml file is reached.		
Remedial action: The Oracle Proxy purges the log based on database file policy configuration. Reducing the number of archives to keep and/or size of the log files or increasing the available disk space will resolve the problem. If alarm persists please contact Alcatel-Lucent support for assistance.		

Table 2-57 IOReadFileFromDisk

Alarm	Attributes	Applicable major releases
Name: IOReadFileFromDisk (5136) Type: serverAlarm (94) Package: server Raised on class: server.SamServer	Severity: critical Implicitly cleared: false Default probable cause: diskProblem (732)	<ul style="list-style-type: none"> 12.0 R7
Description: The alarm is raised when SAM cannot read a file from disk.		
Remedial action: Check the additional text of the alarm for more details. Possible causes are insufficient file permissions, disk corruption or general disk hardware failure. The additional text will provide guidance as to the specifics of the problem.		

Table 2-58 IOWriteFileToDisk

Alarm	Attributes	Applicable major releases
Name: IOWriteFileToDisk (5137) Type: serverAlarm (94) Package: server Raised on class: server.SamServer	Severity: critical Implicitly cleared: false Default probable cause: diskProblem (732)	<ul style="list-style-type: none"> 12.0 R7
Description: The alarm is raised when SAM cannot write a file to disk.		
Remedial action: Check the additional text of the alarm for more details. Possible causes are lack of disk space, insufficient file permissions, disk corruption or or general disk hardware failure. The additional text will provide guidance as to the specifics of the problem.		

Table 2-59 JMSSClientMessagesRemoved

Alarm	Attributes	Applicable major releases
Name: JMSSClientMessagesRemoved (532) Type: communicationsAlarm (4) Package: security Raised on class: security.User	Severity: minor Implicitly cleared: false Default probable cause: maximumExceededMessages (297)	<ul style="list-style-type: none"> 12.0 R7
Description: The alarm is raised when the number of JMS messages that are queued for a 5620 SAM client exceeds the allowed number. The 5620 SAM subsequently deletes messages to keep the number within the allowed range.		
Remedial action: Information - if the alarm persists or is occurring frequently then investigation is required to determine a) why the underlying transport network is unreliable or b) why the OSS client which initiated the JMS connection is unable to process the JMS messages.		

Table 2-60 JMSDurableClientReset

Alarm	Attributes	Applicable major releases
Name: JMSDurableClientReset (530) Type: communicationsAlarm (4) Package: security Raised on class: security.User	Severity: warning Implicitly cleared: true Default probable cause: jmsServerRestart (401)	<ul style="list-style-type: none"> 12.0 R7
Description: The alarm is raised when a durable JMS client is removed from the 5620 SAM because of a JMS server restart or switchover.		
Remedial action: Informational - the JMS server has restarted. If the alarm persists contact Alcatel-Lucent support for assistance.		

Table 2-61 JMSDurableClientUnsubscribed

Alarm	Attributes	Applicable major releases
Name: JMSDurableClientUnsubscribed (531) Type: communicationsAlarm (4) Package: security Raised on class: security.User	Severity: minor Implicitly cleared: false Default probable cause: maximumExceededMessages (297)	<ul style="list-style-type: none"> 12.0 R7
Description: The alarm is raised when a durable JMS client is unsubscribed and removed from the 5620 SAM.		
Remedial action: Informational - the durable message limit for the topic has been reached and disconnected clients are automatically unsubscribed. An investigation is required to understand a) why the underlying transport network is unreliable or b) why the OSS client which initiated the JMS connection is unable to process the JMS messages.		

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Table 2-62 JMSServerDown

Alarm	Attributes	Applicable major releases
Name: JMSServerDown (360) Type: communicationsAlarm (4) Package: netw Raised on class: netw.NmsSystem	Severity: critical Implicitly cleared: false Default probable cause: systemFailed (144)	<ul style="list-style-type: none"> 12.0 R7
Description: The alarm is raised when JMS communication fails.		
Remedial action: Informational - if the alarm persists or is occurring frequently then investigation is required to understand why the connectivity between the SAM server and the OSS system is unreliable.		

Table 2-63 JMSServerMemoryLow

Alarm	Attributes	Applicable major releases
Name: JMSServerMemoryLow (3693) Type: communicationsAlarm (4) Package: security Raised on class: security.User	Severity: major Implicitly cleared: false Default probable cause: jmsMessageQueueBacklog (1432)	<ul style="list-style-type: none"> 12.0 R7
Description: The alarm is raised when available memory on the JMS server is low.		
Remedial action: This is probably caused by SAM GUI clients or OSS clients having a large backlog of events on the JMS server. If available memory continues to decrease, the client with the largest backlog will be removed by the server. Please see the Additional Text field to identify the client with the largest backlog. If the problem persists please contact Alcatel-Lucent support for assistance.		

Table 2-64 KeyChainAuthFailure

Alarm	Attributes	Applicable major releases
Name: KeyChainAuthFailure (421) Type: communicationsAlarm (4) Package: security Raised on class: security.KeyChain	Severity: major Implicitly cleared: false Default probable cause: keyChainAuthFailure (314)	<ul style="list-style-type: none"> 12.0 R7
Description: The alarm is raised when an incoming packet is dropped because of a TCP key chain authentication failure.		
Remedial action: A configuration error has been made which must be corrected. The TCP configuration related to authentication differs between the systems upon which the connection endpoints reside. Compare the configuration on the endpoint and correct the mismatch.		

Table 2-65 LicensedCpaaLimitExceeded

Alarm	Attributes	Applicable major releases
Name: LicensedCpaaLimitExceeded (389) Type: cpamLicensingAlarm (39) Package: security Raised on class: security.CpamLicense	Severity: critical Implicitly cleared: true Default probable cause: cpamLicensedLimitExceeded (285)	<ul style="list-style-type: none"> 12.0 R7
Description: The alarm is raised when the number of 7701 CPAA's in the network reaches 100 percent of the license capacity.		
Raising condition: ('isLicensedCpaaLimitExceeded' EQUAL 'true')		
Clearing condition: ('isLicensedCpaaLimitExceeded' NOT EQUAL 'true')		
Remedial action: Informational - The number of CPAA licenses purchased and available on the CPAM server is insufficient as compared to the number of CPAA's under management in the network. Please contact Alcatel-Lucent Sales to purchase additional licenses.		

Table 2-66 LicensedCpaaLimitNearing

Alarm	Attributes	Applicable major releases
Name: LicensedCpaaLimitNearing (390) Type: cpamLicensingAlarm (39) Package: security Raised on class: security.CpamLicense	Severity: warning Implicitly cleared: true Default probable cause: cpamLicensedLimitNearing (283)	<ul style="list-style-type: none"> 12.0 R7
Description: The alarm is raised when the number of 7701 CPAA's in the network reaches 75 to 90 percent of the license capacity.		
Remedial action: Informational - The number of CPAA licenses purchased and available on the CPAM server is insufficient as compared to the number of CPAA's under management in the network. Please contact Alcatel-Lucent Sales to purchase additional licenses.		

Table 2-67 LicensedCpaaLimitNearlyExceeded

Alarm	Attributes	Applicable major releases
Name: LicensedCpaaLimitNearlyExceeded (391) Type: cpamLicensingAlarm (39) Package: security Raised on class: security.CpamLicense	Severity: major Implicitly cleared: true Default probable cause: cpamLicensedLimitNearlyExceeded (284)	<ul style="list-style-type: none"> 12.0 R7
Description: The alarm is raised when the number of 7701 CPAA's in the network reaches 90 to 100 percent of the license capacity.		
Remedial action: Informational - The number of CPAA licenses purchased and available on the CPAM server is insufficient as compared to the number of CPAA's under management in the network. Please contact Alcatel-Lucent Sales to purchase additional licenses.		

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Table 2-68 LicensedLimitNearing

Alarm	Attributes	Applicable major releases
Name: LicensedLimitNearing (1931) Type: licensingAlarm (23) Package: security Raised on class: security.ProductLicense	Severity: warning Implicitly cleared: true Default probable cause: licensedLimitNearing (132)	<ul style="list-style-type: none"> 12.0 R7
Description: The alarm is raised when the license items in the network reaches 75 to 90 percent of the license capacity.		
Remedial action: Informational - The number of SAM licenses purchased and available on the SAM server is insufficient as compared to the number of NEs/MDA/Cells under management in the network. Please contact Alcatel-Lucent Sales to purchase additional licenses.		

Table 2-69 LicensedLimitNearlyExceeded

Alarm	Attributes	Applicable major releases
Name: LicensedLimitNearlyExceeded (1932) Type: licensingAlarm (23) Package: security Raised on class: security.ProductLicense	Severity: major Implicitly cleared: true Default probable cause: licensedLimitNearlyExceeded (133)	<ul style="list-style-type: none"> 12.0 R7
Description: The alarm is raised when the license items in the network reaches 90 to 100 percent of the license capacity.		
Remedial action: Informational - The number of SAM licenses purchased and available on the SAM server is insufficient as compared to the number of NEs/MDA/Cells under management in the network. Please contact Alcatel-Lucent Sales to purchase additional licenses.		

Table 2-70 LicensedLimitReached

Alarm	Attributes	Applicable major releases
Name: LicensedLimitReached (1933) Type: licensingAlarm (23) Package: security Raised on class: security.ProductLicense	Severity: major Implicitly cleared: true Default probable cause: licensedLimitReached (925)	<ul style="list-style-type: none"> 12.0 R7
Description: The alarm is raised when the license items in the network reaches 100 percent of the license capacity.		
Remedial action: Informational - The number of SAM licenses purchased and available on the SAM server is insufficient as compared to the number of NEs/MDA/Cells under management in the network. Please contact Alcatel-Lucent Sales to purchase additional licenses.		

Table 2-71 LicenseKeysInvalid

Alarm	Attributes	Applicable major releases
Name: LicenseKeysInvalid (1122) Type: licensingAlarm (23) Package: security Raised on class: security.AbstractLicense	Severity: warning Implicitly cleared: true Default probable cause: LicenseKeysInvalid (836)	<ul style="list-style-type: none"> 12.0 R7
Description: The alarm is raised when the 5620 SAM server configuration is updated with a new license key and the license key is not valid.		
Remedial action: Informational - The license key information entered is invalid. Please re-enter the license key information. If the alarm persists contact Alcatel-Lucent support for assistance.		

Table 2-72 LicenseMismatch

Alarm	Attributes	Applicable major releases
Name: LicenseMismatch (342) Type: licensingAlarm (23) Package: security Raised on class: security.AbstractLicense	Severity: critical Implicitly cleared: false Default probable cause: licenseMismatch (247)	<ul style="list-style-type: none"> 12.0 R7
Description: The alarm is raised when the primary 5620 SAM main server license does not match the standby 5620 SAM main server license.		
Remedial action: Informational - Please ensure that the same license key is installed on both the active and standby SAM/CPAM servers		

Table 2-73 LicenseUpgradeFailed

Alarm	Attributes	Applicable major releases
Name: LicenseUpgradeFailed (4389) Type: configurationAlarm (11) Package: nelicense Raised on class: nelicense.LicenseUpgradeStatus	Severity: major Implicitly cleared: false Default probable cause: fileAccessError (90)	<ul style="list-style-type: none"> 12.0 R7
Description: The alarm is raised when an NE license upgrade using the 5620 SAM fails.		
Remedial action: Investigation is required to resolve the following possible scenarios: the NE is unreachable (including underlying transport network issue); loss of connectivity to the NE during transfer; the FTP daemon on the NE may have stopped; FTP security credential issues. Invalid License File.		

Table 2-74 licenseViolation

Alarm	Attributes	Applicable major releases
Name: licenseViolation (2912) Type: configurationAlarm (11) Package: ranlicense Raised on class: ranlicense.RANLicense	Severity: critical Implicitly cleared: true Default probable cause: noMoreTokens (1118)	<ul style="list-style-type: none"> 12.0 R7
Description: The alarm is raised when a RAN license is in violation due to insufficient tokens.		
Remedial action: Provide a new LKDI license file with more tokens.		

Table 2-75 LicenseViolation

Alarm	Attributes	Applicable major releases
Name: LicenseViolation (1930) Type: licensingAlarm (23) Package: security Raised on class: security.ProductLicense	Severity: warning Implicitly cleared: true Default probable cause: licenseViolation (924) Applicable probable causes: <ul style="list-style-type: none"> licenseViolation HostIdUsedInsteadOfUUIDForX86 	<ul style="list-style-type: none"> 12.0 R7
Description: The alarm is raised when a license violation has occurred. Alarms raised against licensed products, due to the licensed product limit being zero at the time of node discovery, will be implicitly cleared if a new license that sets the licensed product limit to not zero is imported.		
Remedial action: Informational - the additional text field of the alarm will provide more details. If the alarm persists contact Alcatel-Lucent Sales to purchase additional licenses.		

Table 2-76 LogLocFailure

Alarm	Attributes	Applicable major releases
Name: LogLocFailure (340) Type: storageAlarm (25) Package: file Raised on class: file.Policy	Severity: variable Implicitly cleared: false Default probable cause: AdminLocFailure (244) Applicable probable causes: <ul style="list-style-type: none"> AdminLocFailure BackupLocFailure 	<ul style="list-style-type: none"> 12.0 R7
Description: The alarm is raised when an attempt to create a log or billing file fails. The probable cause is AdminLocFailure when using the admin location fails, in which case the backup location, if specified, is used. The probable cause is BackupLocFailure when using the backup location fails.		
Remedial action: The flash device targeted to store the log or billing file is either full or the directory does not exist. An analysis of the files on the flash device needs to be analyzed and redundant files removed or the directory must be configured. Log into the NE via the CLI to perform the cleanup/creation operations.		

Table 2-77 ManagementAccessFilterMisconfigured

Alarm	Attributes	Applicable major releases
Name: ManagementAccessFilterMisconfigured (76) Type: configurationAlarm (11) Package: sitesec Raised on classes: <ul style="list-style-type: none"> • sitesec.MacMafEntry • sitesec.MafEntry 	Severity: warning Implicitly cleared: true Default probable cause: invalidSourcePortIdentifier (61)	<ul style="list-style-type: none"> • 12.0 R7
Description: The alarm is raised when a MAF is misconfigured.		
Raising condition: ('isValidSourcePortName' EQUAL 'false')		
Clearing condition: ('isValidSourcePortName' EQUAL 'true')		
Remedial action: A configuration error has occurred which must be corrected. Please check the management access filter configuration for errors.		

Table 2-78 ManagementAccessFilterMisconfiguredIpv6

Alarm	Attributes	Applicable major releases
Name: ManagementAccessFilterMisconfiguredIpv6 (1112) Type: configurationAlarm (11) Package: sitesec Raised on class: sitesec.MafIPv6Entry	Severity: warning Implicitly cleared: true Default probable cause: invalidSourcePortIdentifier (61)	<ul style="list-style-type: none"> • 12.0 R7
Description: The alarm is raised when an IPv6 MAF is misconfigured.		
Raising condition: ('isValidSourcePortName' EQUAL 'false')		
Clearing condition: ('isValidSourcePortName' EQUAL 'true')		
Remedial action: A configuration error has occurred which must be corrected. Please check the management access filter configuration for errors.		

Table 2-79 ManagementInterfaceProtectionSwitch

Alarm	Attributes	Applicable major releases
Name: ManagementInterfaceProtectionSwitch (34) Type: communicationsAlarm (4) Package: netw Raised on class: netw.NetworkElement	Severity: warning Implicitly cleared: false Default probable cause: switchToInband (814) Applicable probable causes: <ul style="list-style-type: none"> • switchToInband • switchToOutband 	<ul style="list-style-type: none"> • 12.0 R7
Description: The alarm is raised when an NE has in-band and out-of-band management interfaces and switches from one type of management to the other.		

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Alarm	Attributes	Applicable major releases
Remedial action: Informational		

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Table 2-80 ManagementIpAddressMismatch

Alarm	Attributes	Applicable major releases
Name: ManagementIpAddressMismatch (1943) Type: communicationsAlarm (4) Package: netw Raised on class: netw.DiscoveredNode	Severity: major Implicitly cleared: true Default probable cause: mismatchOfManagementIpAddress (931)	<ul style="list-style-type: none"> 12.0 R7
Description: The alarm is raised when the IP address of the shadow network element does not match with the IP address of the discovered NE.		
Remedial action: A configuration error has been made which must be corrected. One of 2 scenario is possible a) the IP address assigned to the shadow NE is incorrect or the IP address configured on the NE itself is incorrect.		

Table 2-81 ManagementIPSwitchUnsupported

Alarm	Attributes	Applicable major releases
Name: ManagementIPSwitchUnsupported (1078) Type: communicationsAlarm (4) Package: netw Raised on class: netw.NodeDiscoveryControl	Severity: warning Implicitly cleared: false Default probable cause: managementAddressInvalid (812)	<ul style="list-style-type: none"> 12.0 R7
Description: The alarm is raised when an attempt is made to switch the management address of an NE from one IP version to another.		
Remedial action: The additional text field of the alarm will provide guidance as to the reason for the failure - the most probable cause is a configuration error. The configuration error must be corrected. Once the issue has been resolved SAM will automatically re-attempt.		

Table 2-82 MaxExecutingScripts

Alarm	Attributes	Applicable major releases
Name: MaxExecutingScripts (3686) Type: serverAlarm (94) Package: script Raised on class: script.AbstractScript	Severity: major Implicitly cleared: false Default probable cause: maxExecutingScripts (1425)	<ul style="list-style-type: none"> 12.0 R7
Description: The alarm is raised when the maximum number of scripts allowed to execute concurrently is exceeded.		
Remedial action: The number of being scripts executed simultaneously has exceeded to maximum allowed. Reduce the number of scripts being executed. If the problem persists please contact Alcatel-Lucent support for assistance.		

Table 2-83 MediationAuthenticationFailure (security)

Alarm	Attributes	Applicable major releases
Name: MediationAuthenticationFailure (75) Type: communicationsAlarm (4) Package: security Raised on class: security.BaseMediationPolicy	Severity: warning Implicitly cleared: false Default probable cause: unsupportedSecLevel (55) Applicable probable causes: <ul style="list-style-type: none"> • unsupportedSecLevel • notInTimeWindow • unknownUserName • unknownEngineID • wrongDigest • decryptionError 	<ul style="list-style-type: none"> • 12.0 R7
Description: The alarm is raised when a mediation authentication failure occurs. This alarm is in some cases automatically cleared when mediation is restored for nodes that use the same mediation policy for read, write and trap access.		
Remedial action: A configuration error has been made which must be corrected. Create the necessary mediation policy and associate the policy with the NE type.		

Table 2-84 MediationAuthenticationFailure (snmp)

Alarm	Attributes	Applicable major releases
Name: MediationAuthenticationFailure (75) Type: communicationsAlarm (4) Package: snmp Raised on class: snmp.PollerManager	Severity: critical Implicitly cleared: false Default probable cause: noMediationPolicyFound (62)	<ul style="list-style-type: none"> • 12.0 R7
Description: The alarm is raised when an NE has no associated 5620 SAM mediation policy.		
Remedial action: A configuration error has been made which must be corrected. Create the necessary mediation policy and associate the policy with the NE type.		

Table 2-85 MemoryConsumption

Alarm	Attributes	Applicable major releases
Name: MemoryConsumption (216) Type: communicationsAlarm (4) Package: netw Raised on class: netw.NetworkElement	Severity: major Implicitly cleared: true Default probable cause: tooManyTrapsBuffered (173)	<ul style="list-style-type: none"> • 12.0 R7
Description: The alarm is raised when one of the following occurs. - The number of traps from a particular NE that await processing by the 5620 SAM surpasses the NE red threshold for trap memory management in the 5620 SAM server configuration. - The global number of traps that await processing by the 5620 SAM surpasses the yellow threshold for trap memory management in the 5620 SAM server configuration. Caution: Alcatel-Lucent strongly recommends against modifying NE trap management threshold values; modifying these values can seriously degrade 5620 SAM performance. The alarm clears when one of the following occurs. - The number of traps from the NE that await processing falls below the NE red threshold. - The global number of traps that await processing falls below the system yellow threshold. The NE is resynchronized only if required.		

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Alarm	Attributes	Applicable major releases
Remedial action: Informational - if the alarm persists or is occurring frequently perform root cause analysis to determine why the NEs in the network are consistently generating high rates of alarms.		

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Table 2-86 MemoryThresholdCrossingAlarm

Alarm	Attributes	Applicable major releases
Name: MemoryThresholdCrossingAlarm (1936) Type: configurationAlarm (11) Package: server Raised on class: server.SamServer	Severity: variable Implicitly cleared: false Default probable cause: lowMemoryConfigured (927)	<ul style="list-style-type: none"> 12.0 R7
Description: The alarm is raised when the available memory on the 5620 SAM server drops below the warning threshold.		
Remedial action: Informational - Memory threshold settings are not configurable. Please contact Alcatel-Lucent support for assistance.		

Table 2-87 MisconfiguredNode

Alarm	Attributes	Applicable major releases
Name: MisconfiguredNode (382) Type: configurationAlarm (11) Package: netw Raised on class: netw.Topology	Severity: major Implicitly cleared: false Default probable cause: persistOff (281) Applicable probable causes: <ul style="list-style-type: none"> persistOff noSystemAddress noIpv4Address duplicateSystemAddress sameManagementSystemAddress noAdminDomainFound 	<ul style="list-style-type: none"> 12.0 R7
Description: The alarm is raised when the 5620 SAM tries to discover an NE that is not properly configured for management. For example, when persistence is set to Off in the NE BOF, when the NE has no system address or NE share same management and system address.		
Remedial action: A configuration error has been made which must be corrected. The configuration error must be corrected per the discussion in the description for this alarm.		

Table 2-88 MissedStatsCatchUpCollection

Alarm	Attributes	Applicable major releases
Name: MissedStatsCatchUpCollection (2895) Type: communicationsAlarm (4) Package: netw Raised on class: netw.NetworkElement	Severity: major Implicitly cleared: true Default probable cause: snmpDown (306)	<ul style="list-style-type: none"> 12.0 R7
Description: The alarm is raised when a 5620 SAM main server cannot communicate with the node to retrieve missed collections intervals. It is cleared after 5620 SAM main server can retrieve missed collections intervals.		
Remedial action: Informational - if the alarm persists or is occurring frequently then investigation is required to understand a) why the underlying transport network is unreliable or b) why the NE is too busy to respond to 5620 SAM.		

Table 2-89 MissedStatsCollection

Alarm	Attributes	Applicable major releases
Name: MissedStatsCollection (355) Type: communicationsAlarm (4) Package: netw Raised on class: netw.NetworkElement	Severity: major Implicitly cleared: true Default probable cause: communicationsProtocolError (901)	<ul style="list-style-type: none"> 12.0 R7
Description: The alarm is raised when a 5620 SAM main server cannot collect statistics from the node during a statistics poll. It is cleared after 5620 SAM main server can collect statistics from the node during a statistics poll.		
Remedial action: Informational - if the alarm persists or is occurring frequently then investigation is required to understand why the connectivity between the node and the SAM server cannot be established.		

Table 2-90 MissingNESelfConfigPolicy

Alarm	Attributes	Applicable major releases
Name: MissingNESelfConfigPolicy (1944) Type: communicationsAlarm (4) Package: netw Raised on class: netw.TopologyDiscoveryRule	Severity: major Implicitly cleared: true Default probable cause: noNESelfConfigPolicyFound (932)	<ul style="list-style-type: none"> 12.0 R7
Description: The alarm is raised when an identifier of a shadow NE matches the identifier of a node being discovered by a scan of this discovery rule, but there is no NE self-config policy for the node type set in this discovery rule.		
Remedial action: A configuration error has been made which must be corrected. Create a NE self-config policy and assign it to the discovery rule associated with the node being discovered.		

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Table 2-91 MissingPreProvisionedNode

Alarm	Attributes	Applicable major releases
Name: MissingPreProvisionedNode (1945) Type: communicationsAlarm (4) Package: netw Raised on class: netw.DiscoveredNode	Severity: major Implicitly cleared: true Default probable cause: noPreProvisionedNodeFound (933)	<ul style="list-style-type: none"> 12.0 R7
Description: The alarm is raised when there is no pre-provisioned NE with which to associate the discovered candidate target NE.		
Remedial action: A configuration error has been made which must be corrected. Create a pre-provisioned NE for the node being discovered.		

Table 2-92 NeDatafileSizeAboveThreshold

Alarm	Attributes	Applicable major releases
Name: NeDatafileSizeAboveThreshold (4975) Type: databaseAlarm (29) Package: db Raised on class: db.DatabaseManager	Severity: critical Implicitly cleared: false Default probable cause: HighNumberOfRecords (526)	<ul style="list-style-type: none"> 12.0 R7
Description: The alarm is raised when a tablespace data file size exceeds the used space threshold. This may indicate that the number of stored NE backups or software images is too high.		
Remedial action: The probable cause of this alarm is the storage of too many NE backup or software image files. Purge old backup or extra software image files from the SAM database to resolve the problem. If the alarm persists please contact Alcatel-Lucent support for assistance.		

Table 2-93 NodeAlreadyManagedOverAnotherProtocol

Alarm	Attributes	Applicable major releases
Name: NodeAlreadyManagedOverAnotherProtocol (1080) Type: discoveryControlAlarm (33) Package: netw Raised on class: netw.NetworkElement	Severity: warning Implicitly cleared: false Default probable cause: nodeAlreadyDiscovered (818)	<ul style="list-style-type: none"> 12.0 R7
Description: The alarm is raised when the 5620 SAM tries to rediscover a previously discovered NE using a different IP version.		
Remedial action: Informational		

Table 2-94 NodeColdStart

Alarm	Attributes	Applicable major releases
Name: NodeColdStart (172) Type: equipmentAlarm (3) Package: netw Raised on class: netw.NetworkElement	Severity: warning Implicitly cleared: false Default probable cause: nodeColdStart (135)	<ul style="list-style-type: none"> 12.0 R7
Description: The alarm is raised when the 5620 SAM receives a SNMPv2-MIB.coldStart trap from an NE.		
Remedial action: Informational - 5620 SAM has received an indication from an NE that it has restarted. If the problem persists please contact Alcatel-Lucent support for assistance.		

Table 2-95 NodeDataMismatch

Alarm	Attributes	Applicable major releases
Name: NodeDataMismatch (3315) Type: configurationAlarm (11) Package: netw Raised on class: netw.NetworkElement	Severity: critical Implicitly cleared: false Default probable cause: nodeDataMismatch (1154)	<ul style="list-style-type: none"> 12.0 R7
Description: The alarm is raised when the 5620 SAM Data model and node is mismatched.		
Remedial action: Resync the object or update it with the appropriate values.		

Table 2-96 NodeUpgraded

Alarm	Attributes	Applicable major releases
Name: NodeUpgraded (178) Type: configurationAlarm (11) Package: netw Raised on class: netw.NetworkElement	Severity: info Implicitly cleared: false Default probable cause: upgradedNodeVersion (140)	<ul style="list-style-type: none"> 12.0 R7
Description: The alarm is raised when the 5620 SAM detects an NE software version upgrade.		
Remedial action: Informational		

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Table 2-97 NodeVersionMismatch

Alarm	Attributes	Applicable major releases
Name: NodeVersionMismatch (177) Type: configurationAlarm (11) Package: netw Raised on class: netw.NetworkElement	Severity: critical Implicitly cleared: false Default probable cause: DowngradedNodeVersion (139)	<ul style="list-style-type: none"> 12.0 R7
Description: The alarm is raised when the software version on an NE differs from the version recorded for the NE in the 5620 SAM database.		
Remedial action: The NE has been manually downloaded with a new version of SW. Unmanage and re-manage this node to clear the alarm. If software version on the NE is incompatible with the version of 5620 SAM, then the SW should be reverted to a compatible version for SAM (then unmanage and re-manage the node).		

Table 2-98 OldArchiveLogsDeleted

Alarm	Attributes	Applicable major releases
Name: OldArchiveLogsDeleted (198) Type: databaseAlarm (29) Package: db Raised on class: db.DatabaseManager	Severity: warning Implicitly cleared: false Default probable cause: archivedLogsIssue (154)	<ul style="list-style-type: none"> 12.0 R7
Description: The alarm is raised when the 5620 SAM deletes the applied archive logs because database disk space is low. In a standalone deployment, the 5620 SAM deletes all archive logs. In a redundant deployment, the 5620 SAM deletes the applied archive logs, and can raise the alarm against the primary or standby database.		
Remedial action: Informational - verify there is adequate disk space for the archive log files on the database servers. If the alarm persists then the frequency of database backups should be increased.		

Table 2-99 OneWayCommunication

Alarm	Attributes	Applicable major releases
Name: OneWayCommunication (733) Type: communicationsAlarm (4) Package: server Raised on class: server.AuxiliaryServer	Severity: major Implicitly cleared: true Default probable cause: routingConfiguration (510)	<ul style="list-style-type: none"> 12.0 R7
Description: The alarm is raised when a 5620 SAM main server cannot communicate with an auxiliary server, but the auxiliary server can communicate with the main server.		
Remedial action: Informational - if the alarm persists or is occurring frequently then investigation is required to understand why the connectivity between the AUX and SAM servers is unreliable.		

Table 2-100 OracleHomeDiskSpaceBelowThreshold

Alarm	Attributes	Applicable major releases
Name: OracleHomeDiskSpaceBelowThreshold (399) Type: databaseAlarm (29) Package: db Raised on class: db.DatabaseManager	Severity: major Implicitly cleared: true Default probable cause: diskSpaceIssue (153)	<ul style="list-style-type: none"> 12.0 R7
Description: The alarm is raised when the primary or standalone database Oracle disk space threshold specified in the nms-server.xml file is reached.		
Remedial action: The Oracle Proxy purges the log based on database file policy configuration. Reducing the number of archives to keep and/or size of the log files or increasing the available disk space will resolve the problem. If alarm persists please contact Alcatel-Lucent support for assistance.		

Table 2-101 OutOfBandManagementConnectionDown

Alarm	Attributes	Applicable major releases
Name: OutOfBandManagementConnectionDown (138) Type: communicationsAlarm (4) Package: netw Raised on class: netw.NodeDiscoveryControl	Severity: critical Implicitly cleared: true Default probable cause: managementConnectionDown (111)	<ul style="list-style-type: none"> 12.0 R7
Description: The alarm is raised when the 5620 SAM cannot reach a managed NE using the ping function over an out-of-band connection.		
Remedial action: Informational - if the alarm persists or is occurring frequently then investigation is required to understand a) why the underlying transport network is unreliable or b) why the NE is too busy to respond to 5620 SAM.		

Table 2-102 PacingInProgressWarning

Alarm	Attributes	Applicable major releases
Name: PacingInProgressWarning (737) Type: configurationAlarm (11) Package: tunnelmgmt Raised on class: tunnelmgmt.TopologyRule	Severity: warning Implicitly cleared: true Default probable cause: noUpdatesDueToPacingInProgress (514)	<ul style="list-style-type: none"> 12.0 R7
Description: The alarm is raised when tunnel creation or deletion is not performed after a member is added or removed from a rule group because topology rule pacing is in progress. When this occurs, the Reapply and Delete Unused operations must be performed manually when the pacing is complete. The alarm clears after a Reapply operation is performed.		
Remedial action: When this occurs, the Reapply and Delete Unused operations must be performed manually when the pacing is complete. The alarm clears after a Reapply operation is performed.		

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Table 2-103 PatchLevelMismatch

Alarm	Attributes	Applicable major releases
Name: PatchLevelMismatch (659) Type: softwareAlarm (19) Package: netw Raised on class: netw.NmsSystem	Severity: critical Implicitly cleared: false Default probable cause: patchLevelMismatch (490)	<ul style="list-style-type: none"> 12.0 R7
Description: The alarm is raised when the 5620 SAM primary main server software patch level does not match the standby main server software patch level.		
Remedial action: Informational - it is advisable to have both active and standby servers at the same patch level. During a maintenance window apply the appropriate patch to the standby server to bring it inline with the main server.		

Table 2-104 PollDeadlineMissed

Alarm	Attributes	Applicable major releases
Name: PollDeadlineMissed (240) Type: configurationAlarm (11) Package: netw Raised on class: netw.NetworkElement	Severity: warning Implicitly cleared: false Default probable cause: tooManyItemsToPoll (183)	<ul style="list-style-type: none"> 12.0 R7
Description: The alarm is raised when a 5620 SAM server cannot finish browsing a statistics MIB before a polling interval expires.		
Remedial action: The rate at which performance statistics are being collected must be reduced or an AUX sever may be added to the 5620 SAM platform complex if the polling frequency cannot be reduced.		

Table 2-105 PostDiscoveryScriptExecutionFailed

Alarm	Attributes	Applicable major releases
Name: PostDiscoveryScriptExecutionFailed (4868) Type: discoveryControlAlarm (33) Package: netw Raised on class: netw.NodeDiscoveryControl	Severity: major Implicitly cleared: false Default probable cause: scriptExecutionError (1936)	<ul style="list-style-type: none"> 12.0 R7
Description: The alarm is raised when the execution of the post discovery script failed. At this point, the NE is successfully discovered, only the auto configuration of the NE defined in the script failed. Manual intervention is required.		
Remedial action: The post discovery NE auto configuration script execution failed. run the script manually, or configure the NE manually. To clear the Failed post discovery script execution status, click the "Clear" button on the Node Discovery Control configuration form: Administration->Discovery Manager->Managed State tab. Clearing the script execution status will also clear the associated alarm.		

Table 2-106 PostDiscoveryScriptNotExecuted

Alarm	Attributes	Applicable major releases
Name: PostDiscoveryScriptNotExecuted (4869) Type: discoveryControlAlarm (33) Package: netw Raised on class: netw.NodeDiscoveryControl	Severity: warning Implicitly cleared: false Default probable cause: resyncFailed (24)	<ul style="list-style-type: none"> 12.0 R7
Description: The alarm is raised when the post discovery script is not executed. This is normally due to NE discovery failure. Manual intervention is required.		
Remedial action: The post discovery NE auto configuration script was not executed. Run the script manually, or configure the NE manually. This is normally due to NE discovery failure. Fix the node resync issue associated with the PollerProblem alarm, unmanage and delete the node from the network, then rescan the discovery rule.		

Table 2-107 PrimaryDatabaseDown

Alarm	Attributes	Applicable major releases
Name: PrimaryDatabaseDown (751) Type: databaseAlarm (29) Package: db Raised on class: db.DatabaseManager	Severity: critical Implicitly cleared: true Default probable cause: primaryDatabaseDown (527)	<ul style="list-style-type: none"> 12.0 R7
Description: The alarm is raised when the primary 5620 SAM database is down for at least one poll. The alarm is not persisted in the database or stored in the alarm history; when the database returns to service, the PrimaryDatabaseWasDown alarm is raised.		
Remedial action: Informational - verify connectivity to the primary database server		

Table 2-108 PrimaryDatabaseWasDown

Alarm	Attributes	Applicable major releases
Name: PrimaryDatabaseWasDown (254) Type: databaseAlarm (29) Package: db Raised on class: db.DatabaseManager	Severity: warning Implicitly cleared: false Default probable cause: primaryDatabaseWasDown (193)	<ul style="list-style-type: none"> 12.0 R7
Description: The alarm is raised when the primary database returns to service after being unavailable for at least one poll.		
Remedial action: Informational - no corrective action required.		

Table 2-109 ProxyDown

Alarm	Attributes	Applicable major releases
Name: ProxyDown (1959) Type: communicationsAlarm (4) Package: db Raised on class: db.DatabaseManager	Severity: major Implicitly cleared: true Default probable cause: systemFailed (144)	<ul style="list-style-type: none"> 12.0 R7
Description: The alarm is raised when proxy server communication fails.		
Remedial action: The Oracle Proxy runs on the 5620 SAM database workstations. To determine if the Oracle Proxy is running login to the database workstation, open a terminal and run the command <code>ps -eaf grep oracleproxy</code> . If there is no oracleproxy process running, start the process using <code>/etc/rc3.d/S965620SAMOracleProxyWrapper start</code> .		

Table 2-110 PurgeFilesToFreeDiskSpace

Alarm	Attributes	Applicable major releases
Name: PurgeFilesToFreeDiskSpace (1937) Type: serverAlarm (94) Package: server Raised on class: server.SamServer	Severity: variable Implicitly cleared: false Default probable cause: diskSpaceIssue (153)	<ul style="list-style-type: none"> 12.0 R7
Description: The alarm is raised when the 5620 SAM server deletes files in order to free disk space.		
Remedial action: Informational - this is a generic error if SAM Server free disk space is below acceptable levels and files must be purged to free the disk space. The additional text field of the alarm will provide more details of the specific problem. Reduce the disk space by purging the files using the commands available in the SAM GUI. It may be necessary to add additional disk space to the system to resolve the problem.		

Table 2-111 RealignmentOfDatabase

Alarm	Attributes	Applicable major releases
Name: RealignmentOfDatabase (613) Type: configurationAlarm (11) Package: db Raised on class: db.DatabaseManager	Severity: warning Implicitly cleared: false Default probable cause: databaseRealignment (455)	<ul style="list-style-type: none"> 12.0 R7
Description: The alarm is raised when the primary 5620 SAM main server realigns itself with the preferred database by performing a database switchover to connect to the primary database.		
Remedial action: Informational - no corrective action required.		

Table 2-112 RealignmentOfDatabaseFailed

Alarm	Attributes	Applicable major releases
Name: RealignmentOfDatabaseFailed (614) Type: configurationAlarm (11) Package: db Raised on class: db.DatabaseManager	Severity: critical Implicitly cleared: false Default probable cause: databaseRealignmentFailed (456)	<ul style="list-style-type: none"> 12.0 R7
Description: The alarm is raised when a database switchover to realign the primary main server and primary database fails. The primary main server is not connected to the preferred database.		
Remedial action: The additional text field of the alarm will provide more details as will the EmsServer.log. Possible causes include a HW failure on the platform hosting the database function, loss of network connectivity between the primary and standby database platforms. If the alarm persists please contact Alcatel-Lucent support for assistance.		

Table 2-113 RedAlarmThresholdReached

Alarm	Attributes	Applicable major releases
Name: RedAlarmThresholdReached (241) Type: communicationsAlarm (4) Package: netw Raised on class: netw.NmsSystem	Severity: critical Implicitly cleared: false Default probable cause: tooManyAlarms (182)	<ul style="list-style-type: none"> 12.0 R7
Description: The alarm is raised when the number of outstanding 5620 SAM alarms reaches the critical threshold. When this happens, the 5620 SAM discards alarms to keep the number below the threshold.		
Remedial action: Informational - if the alarm persists or is occurring frequently perform root cause analysis to determine why the NEs in the network are consistently generating high rates of alarms.		

Table 2-114 ReinstantiateStandbyDatabase

Alarm	Attributes	Applicable major releases
Name: ReinstantiateStandbyDatabase (252) Type: configurationAlarm (11) Package: db Raised on class: db.DatabaseManager	Severity: warning Implicitly cleared: false Default probable cause: reinstantiateStandbyDatabase (191)	<ul style="list-style-type: none"> 12.0 R7
Description: The alarm is raised when a standby database instantiation occurs.		
Remedial action: Informational - no corrective action required.		

Table 2-115 RestantiateStandbyDatabaseFailed

Alarm	Attributes	Applicable major releases
Name: RestantiateStandbyDatabaseFailed (253) Type: configurationAlarm (11) Package: db Raised on class: db.DatabaseManager	Severity: critical Implicitly cleared: false Default probable cause: restantiateStandbyDatabaseFailed (192)	<ul style="list-style-type: none"> 12.0 R7
Description: The alarm is raised when a standby database re instantiation fails.		
Remedial action: The additional text field of the alarm will provide more details as will the EmsServer.log. Possible causes include a HW failure on the platform hosting the database function, loss of network connectivity between the primary and standby database platforms. If the alarm persists please contact Alcatel-Lucent support for assistance.		

Table 2-116 RowThresholdConstraintViolated

Alarm	Attributes	Applicable major releases
Name: RowThresholdConstraintViolated (286) Type: configurationAlarm (11) Package: db Raised on class: db.SizeConstraintPolicy	Severity: major Implicitly cleared: true Default probable cause: partialConstraintEnforcement (218)	<ul style="list-style-type: none"> 12.0 R7
Description: The alarm is raised when the number of records in a database table exceeds the number specified in a size constraint policy.		
Raising condition: ('Cleanup partial (too many objects)' EQUAL 'true')		
Clearing condition: ('Cleanup partial (too many objects)' EQUAL 'false')		
Remedial action: Informational - if the alarm persists please contact Alcatel-Lucent support for assistance		

Table 2-117 RsyncDirectoryMismatch

Alarm	Attributes	Applicable major releases
Name: RsyncDirectoryMismatch (1938) Type: serverAlarm (94) Package: server Raised on class: server.SamServer	Severity: major Implicitly cleared: false Default probable cause: rsyncDirectoryMismatch (928)	<ul style="list-style-type: none"> 12.0 R7
Description: The alarm is raised when the rsync directories on two 5620 SAM servers do not match.		
Remedial action: A configuration error has been made which must be corrected. Reconfigure the SAM servers so that the rsync directories match.		

Table 2-118 RsyncFilesToRemoteHost

Alarm	Attributes	Applicable major releases
Name: RsyncFilesToRemoteHost (1939) Type: communicationsAlarm (4) Package: server Raised on class: server.SamServer	Severity: variable Implicitly cleared: true Default probable cause: rsyncFilesIssue (929)	<ul style="list-style-type: none"> 12.0 R7
Description: The alarm is raised when a rsync operation cannot synchronize files with the remote server.		
Remedial action: Possible causes include a HW failure on the standby SAM server or standby AUX server or loss of network connectivity between the primary and standby platforms. Establish that the platform hosting the standby SAM server or standby AUX server has not suffered a HW or network failure.		

Table 2-119 RuleRegistrationError

Alarm	Attributes	Applicable major releases
Name: RuleRegistrationError (364) Type: ConfigurationAlarm (15) Package: rules Raised on class: rules.RuleSet	Severity: warning Implicitly cleared: true Default probable cause: ruleContentsError (261)	<ul style="list-style-type: none"> 12.0 R7
Description: The alarm is raised when one or more internal 5620 SAM server rule-engine rules fails to compile. The cause is typically a rule syntax error or a system error.		
Raising condition: (('Name' EQUAL "\N/A") OR ('compiled' EQUAL 'false'))		
Clearing condition: (('Name' NOT EQUAL "\N/A") AND ('compiled' EQUAL 'true'))		
Remedial action: Informational - Please contact Alcatel-Lucent support for assistance.		

Table 2-120 scheduledTaskCompletionStatus

Alarm	Attributes	Applicable major releases
Name: scheduledTaskCompletionStatus (528) Type: taskCompletionAlarm (45) Package: schedule Raised on class: schedule.ScheduledTask	Severity: info Implicitly cleared: false Default probable cause: scheduledTaskCompleted (400)	<ul style="list-style-type: none"> 12.0 R7
Description: The alarm is raised when the execution of a SAM scheduled task completes.		
Raising condition: ('Status' EQUAL 'Completed')		
Remedial action: Informational		

Table 2-121 ScriptAlarm

Alarm	Attributes	Applicable major releases
Name: ScriptAlarm (5131) Type: serverAlarm (94) Package: script Raised on class: script.AbstractScript	Severity: variable Implicitly cleared: false Default probable cause: ScriptAlarm (2061)	<ul style="list-style-type: none"> 12.0 R7
Description: This alarm was raised from within a SAM user script when certain conditions were met, as implemented by the script author. See the alarm's 'Additional Text' for any informative details the script author may have supplied.		
Remedial action: This is an alarm generated from within a SAM user script, and therefore the remedial action will vary. See the alarm's "Additional Text" for any remedial action the script author may have supplied.		

Table 2-122 secondExpirationThresholdCrossed

Alarm	Attributes	Applicable major releases
Name: secondExpirationThresholdCrossed (2913) Type: configurationAlarm (11) Package: ranlicense Raised on class: ranlicense.RANLicense	Severity: major Implicitly cleared: true Default probable cause: ageingLicense (1113)	<ul style="list-style-type: none"> 12.0 R7
Description: The alarm is raised when the specified Second Expiration Threshold for RAN licensing is crossed.		
Remedial action: Ask for a new LKDI license file with a further expiration date.		

Table 2-123 secondUsageThresholdCrossed

Alarm	Attributes	Applicable major releases
Name: secondUsageThresholdCrossed (2914) Type: configurationAlarm (11) Package: ranlicense Raised on class: ranlicense.RANLicense	Severity: major Implicitly cleared: true Default probable cause: insufficientPurchasedLicenses (1114)	<ul style="list-style-type: none"> 12.0 R7
Description: The alarm is raised when the specified Second Usage Threshold for RAN licensing is crossed.		
Remedial action: Ask for a new LKDI license file with more tokens.		

Table 2-124 SnmpAuthenticationFailure

Alarm	Attributes	Applicable major releases
Name: SnmpAuthenticationFailure (176) Type: authenticationAlarm (14) Package: netw Raised on class: netw.NetworkElement	Severity: warning Implicitly cleared: false Default probable cause: authFailure (46)	<ul style="list-style-type: none"> 12.0 R7
Description: The alarm is raised when an NE SNMP agent has received an SNMP message that is not properly authenticated. An NE typically does not, by default, send the notification that generates the alarm; the notification must be manually enabled through CLI.		
Remedial action: A configuration error has occurred which must be corrected. The authentication parameters for SNMP in the mediation policy is incorrect.		

Table 2-125 SnmpDaemonProblem

Alarm	Attributes	Applicable major releases
Name: SnmpDaemonProblem (175) Type: communicationsAlarm (4) Package: netw Raised on class: netw.NetworkElement	Severity: critical Implicitly cleared: false Default probable cause: snmpDaemonError (138)	<ul style="list-style-type: none"> 12.0 R7
Description: The alarm is raised when one of the following occurs: - The 5620 SAM receives an unexpected response to an SNMP request, for example, when a managed NE sends the wrong object in response to an SMNP get or get-next request. - The 5620 SAM receives the TIMETRA-SYSTEM-MIB.tmnxSnmpdError trap from a managed NE.		
Remedial action: Informational - if the alarm persists please contact Alcatel-Lucent support for assistance		

Table 2-126 SnmpDown

Alarm	Attributes	Applicable major releases
Name: SnmpDown (410) Type: communicationsAlarm (4) Package: netw Raised on class: netw.NetworkElement	Severity: critical Implicitly cleared: false Default probable cause: snmpDown (306)	<ul style="list-style-type: none"> 12.0 R7
Description: The alarm is raised when the SNMP agent is manually shut down on an NE and the NE sends a trap to indicate this.		
Remedial action: Informational		

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Table 2-127 SoftwareUpgradeFailed

Alarm	Attributes	Applicable major releases
Name: SoftwareUpgradeFailed (106) Type: configurationAlarm (11) Package: sw Raised on class: sw.SoftwareUpgradeManager	Severity: major Implicitly cleared: false Default probable cause: fileAccessError (90)	<ul style="list-style-type: none"> 12.0 R7
Description: The alarm is raised when an NE software upgrade using the 5620 SAM fails.		
Remedial action: Investigation is required to resolve the following possible scenarios: the NE is unreachable (including underlying transport network issue); loss of connectivity to the NE during transfer; the FTP daemon on the NE may have stopped; FTP security credential issues.		

Table 2-128 SSHServerPreserveKeyFailure

Alarm	Attributes	Applicable major releases
Name: SSHServerPreserveKeyFailure (406) Type: softwareAlarm (19) Package: equipment Raised on class: equipment.FlashMemory	Severity: critical Implicitly cleared: false Default probable cause: preserveKeyFailure (302)	<ul style="list-style-type: none"> 12.0 R7
Description: The alarm is raised when the CPM fails to save the SSH server host key on the persistent drive.		
Remedial action: Information - if the alarm persists please contact Alcatel-Lucent support for assistance.		

Table 2-129 SSLKeystoreCertificateExpired

Alarm	Attributes	Applicable major releases
Name: SSLKeystoreCertificateExpired (5138) Type: serverAlarm (94) Package: server Raised on class: server.SamServer	Severity: critical Implicitly cleared: true Default probable cause: SSLKeystoreCertificateHasExpired (2062)	<ul style="list-style-type: none"> 12.0 R7
Description: The alarm is raised when the SSL Keystore certificate for 5620 SAM has expired.		
Remedial action: Please reconfigure 5620 SAM with an unexpired SSL Keystore Certificate. Please refer to the 5620 SAM Installation and Upgrade guide.		

Table 2-130 SSLKeystoreCertificateExpiring

Alarm	Attributes	Applicable major releases
Name: SSLKeystoreCertificateExpiring (5139) Type: serverAlarm (94) Package: server Raised on class: server.SamServer	Severity: warning Implicitly cleared: true Default probable cause: SSLKeystoreCertificateAboutToExpire (2063)	<ul style="list-style-type: none"> 12.0 R7
Description: This alarm is raised when the 5620 SAM SSL Keystore certificate is expiring soon.		
Remedial action: Please reconfigure 5620 SAM with a newer SSL Keystore Certificate. Please refer to the 5620 SAM Installation and Upgrade guide.		

Table 2-131 StandbyArchiveLogDiskSpaceBelowThreshold

Alarm	Attributes	Applicable major releases
Name: StandbyArchiveLogDiskSpaceBelowThreshold (2936) Type: databaseAlarm (29) Package: db Raised on class: db.DatabaseManager	Severity: critical Implicitly cleared: false Default probable cause: diskSpaceIssue (153)	<ul style="list-style-type: none"> 12.0 R7
Description: The alarm is raised when the standby database archived log disk space threshold specified in the nms-server.xml file is reached.		
Remedial action: Adequate disk space should be allocated on the database servers for archive log files. Performing a manual database backup is required to reduce the size of this directory. If the alarm persists then the frequency of database backups must be increased.		

Table 2-132 StandbyCPMManagementConnectionDown

Alarm	Attributes	Applicable major releases
Name: StandbyCPMManagementConnectionDown (140) Type: communicationsAlarm (4) Package: netw Raised on class: netw.NodeDiscoveryControl	Severity: critical Implicitly cleared: true Default probable cause: managementConnectionDown (111)	<ul style="list-style-type: none"> 12.0 R7
Description: The alarm is raised when the 5620 SAM cannot reach a managed NE using the ping function.		
Remedial action: Informational - if the alarm persists or is occurring frequently then investigation is required to understand a) why the underlying transport network is unreliable or b) why the NE is too busy to respond to 5620 SAM		

Table 2-133 StandbyDataFileDiskSpaceBelowThreshold

Alarm	Attributes	Applicable major releases
Name: StandbyDataFileDiskSpaceBelowThreshold (539) Type: databaseAlarm (29) Package: db Raised on class: db.DatabaseManager	Severity: critical Implicitly cleared: true Default probable cause: diskSpaceIssue (153)	<ul style="list-style-type: none"> 12.0 R7
Description: The alarm is raised when the standby data file disk space threshold specified in the nms-server.xml file is reached.		
Remedial action: Informational - Please contact Alcatel-Lucent support for assistance.		

Table 2-134 StandbyInstallDirectoryDiskSpaceBelowThreshold

Alarm	Attributes	Applicable major releases
Name: StandbyInstallDirectoryDiskSpaceBelowThreshold (615) Type: databaseAlarm (29) Package: db Raised on class: db.DatabaseManager	Severity: major Implicitly cleared: true Default probable cause: diskSpaceIssue (153)	<ul style="list-style-type: none"> 12.0 R7
Description: The alarm is raised when the standby database installation disk space threshold specified in the nms-server.xml file is reached.		
Remedial action: The Oracle Proxy purges the log based on database file policy configuration. Reducing the number of archives to keep and/or size of the log files or increasing the available disk space will resolve the problem. If alarm persists please contact Alcatel-Lucent support for assistance.		

Table 2-135 StandbyOracleHomeDiskSpaceBelowThreshold

Alarm	Attributes	Applicable major releases
Name: StandbyOracleHomeDiskSpaceBelowThreshold (540) Type: databaseAlarm (29) Package: db Raised on class: db.DatabaseManager	Severity: major Implicitly cleared: true Default probable cause: diskSpaceIssue (153)	<ul style="list-style-type: none"> 12.0 R7
Description: The alarm is raised when the standby database Oracle disk space threshold specified in the nms-server.xml file is reached.		
Remedial action: The Oracle Proxy purges the log based on database file policy configuration. Reducing the number of archives to keep and/or size of the log files or increasing the available disk space will resolve the problem. If alarm persists please contact Alcatel-Lucent support for assistance.		

Table 2-136 StandbyServerStatus

Alarm	Attributes	Applicable major releases
Name: StandbyServerStatus (208) Type: communicationsAlarm (4) Package: netw Raised on class: netw.NmsSystem	Severity: critical Implicitly cleared: false Default probable cause: systemFailed (144)	<ul style="list-style-type: none"> 12.0 R7
Description: The alarm is raised when the primary 5620 SAM main server cannot communicate with the 5620 SAM standby main server. The alarm clears when communication between the servers is restored.		
Remedial action: Informational		

Table 2-137 StatisticsCollectionThresholdExceeded

Alarm	Attributes	Applicable major releases
Name: StatisticsCollectionThresholdExceeded (524) Type: communicationsAlarm (4) Package: netw Raised on class: netw.NmsSystem	Severity: major Implicitly cleared: false Default probable cause: collectionRateGreaterThanConfigured (398)	<ul style="list-style-type: none"> 12.0 R7
Description: The alarm is raised when the accounting statistics collection rate exceeds the retention specifications.		
Remedial action: The rate at which accounting statistics are being collected must be reduced or the amount of disk space allocated to accounting statistics storage must be increased. Note that the latter may require adding additional disk space to the system to resolve the problem.		

Table 2-138 SvcNameUpgradeScriptFailed

Alarm	Attributes	Applicable major releases
Name: SvcNameUpgradeScriptFailed (1082) Type: scriptAlarm (86) Package: netw Raised on class: netw.NetworkElement	Severity: major Implicitly cleared: true Default probable cause: cliConnectionFailed (820) Applicable probable causes: <ul style="list-style-type: none"> cliConnectionFailed cliLoginFailed executionFailed 	<ul style="list-style-type: none"> 12.0 R7
Description: The alarm is raised when a generated NE-upgrade CLI script fails. Typical causes include the following: - invalid CLI login information in the mediation policy - an unreachable NE Manual script execution from the NE properties form may provide more information about the failure.		
Remedial action: The alarm is raised in the following scenarios: the NE is unreachable; security credential issues. The remedial actions for the scenarios above are respectively as follows: NE unreachable - investigate and resolve the underlying transport network issue;		

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Table 2-139 SwitchOverDatabase

Alarm	Attributes	Applicable major releases
Name: SwitchOverDatabase (203) Type: configurationAlarm (11) Package: db Raised on class: db.DatabaseManager	Severity: warning Implicitly cleared: false Default probable cause: switchOverDatabase (157)	<ul style="list-style-type: none"> 12.0 R7
Description: The alarm is raised when a database switchover occurs.		
Remedial action: Informational - no corrective action required.		

Table 2-140 SwitchOverDatabaseFailed

Alarm	Attributes	Applicable major releases
Name: SwitchOverDatabaseFailed (204) Type: configurationAlarm (11) Package: db Raised on class: db.DatabaseManager	Severity: critical Implicitly cleared: false Default probable cause: switchOverDatabaseFailed (158)	<ul style="list-style-type: none"> 12.0 R7
Description: The alarm is raised when a database switchover fails.		
Remedial action: The additional text field of the alarm will provide more details as will the EmsServer.log. Possible causes include a HW failure on the platform hosting the database function, loss of network connectivity between the primary and standby database platforms. If the alarm persists please contact Alcatel-Lucent support for assistance.		

Table 2-141 SystemMemoryConsumption

Alarm	Attributes	Applicable major releases
Name: SystemMemoryConsumption (225) Type: communicationsAlarm (4) Package: netw Raised on class: netw.NmsSystem	Severity: critical Implicitly cleared: false Default probable cause: tooManyTrapsBuffered (173)	<ul style="list-style-type: none"> 12.0 R7
Description: The alarm is raised when the global number of SNMP traps that await processing by the 5620 SAM surpasses the system red threshold for trap memory management specified in the base configuration of the 5620 SAM server. Caution: Alcatel-Lucent strongly recommends against modifying NE trap management threshold values; modifying these values can seriously degrade 5620 SAM performance. The alarm clears when the number of traps that await processing falls below the system red threshold. The 5620 SAM resynchronizes the NEs, if required.		
Remedial action: Informational - if the alarm persists or is occurring frequently perform root cause analysis to determine why the NEs in the network are consistently generating high rates of alarms.		

Table 2-142 SystemNameChange

Alarm	Attributes	Applicable major releases
Name: SystemNameChange (228) Type: equipmentAlarm (3) Package: netw Raised on class: netw.NetworkElement	Severity: major Implicitly cleared: true Default probable cause: systemNameChange (174)	<ul style="list-style-type: none"> 12.0 R7
Description: The alarm is raised when an NE undergoes a system name change. The alarm information includes the old system name and the new system name.		
Remedial action: Informational - this alarm indicates that the name of the NE has been changed via CLI directly on the NE. The new name will not appear in the SAM GUI. Unmanage and re-manage this node for new name to take effect. Please contact Alcatel-Lucent support for assistance.		

Table 2-143 TableSpaceAboveThreshold

Alarm	Attributes	Applicable major releases
Name: TableSpaceAboveThreshold (454) Type: databaseAlarm (29) Package: db Raised on class: db.DatabaseManager	Severity: critical Implicitly cleared: false Default probable cause: HighStatisticsCollectionRate (349)	<ul style="list-style-type: none"> 12.0 R7
Description: The alarm is raised when the database table space becomes too full, which may indicate that the performance statistics collection rate or the statistics retention time is too high.		
Remedial action: Purging the performance statistics log records, reducing the performance statistics retention time or reducing the frequency of collection should resolve this issue. If this is not possible then it may be necessary to add additional disk capacity to the platform. If the alarm persists please contact Alcatel-Lucent support for assistance.		

Table 2-144 TCAAlarmLimitReached

Alarm	Attributes	Applicable major releases
Name: TCAAlarmLimitReached (3687) Type: configurationAlarm (11) Package: server Raised on class: server.SamServer	Severity: variable Implicitly cleared: false Default probable cause: tooManyAlarmsRaisedByTCA (1426)	<ul style="list-style-type: none"> 12.0 R7
Description: The alarm is raised when a TCA execute server reaches the limit of alarms for an interval.		
Remedial action: Informational - the maximum number of threshold crossing alarms that can be raised in the reset interval has been reached. After the TCA alarm reset interval has passed, alarms can be raised again for the next interval until the number of alarms reaches the limit again.		

Table 2-145 TCEAssignmentProblem

Alarm	Attributes	Applicable major releases
Name: TCEAssignmentProblem (5140) Type: processingErrorAlarm (81) Package: server Raised on class: server.TCE	Severity: warning Implicitly cleared: false Default probable cause: configurationOrCustomizationError (902)	<ul style="list-style-type: none"> 12.0 R7
Description: This alarm is raised when a NE cannot be assigned to a TCE during load balancing or manual assignment/unassignment operation.		
Remedial action: Ensure the NE is managed, reachable and that no configuration operation is in progress on that NE and relaunch the operation.		

Table 2-146 TemplateInconsistency

Alarm	Attributes	Applicable major releases
Name: TemplateInconsistency (189) Type: ConfigurationAlarm (15) Package: policy Raised on class: policy.PolicyDefinition	Severity: warning Implicitly cleared: true Default probable cause: templatePolicyMismatch (149)	<ul style="list-style-type: none"> 12.0 R7
Description: The alarm is raised when there is a parameter type or value mismatch between a global policy and a local policy.		
Remedial action: Informational - this alarm indicates that during the a policy comparison audit a mismatch was detected between local policy deployed on a NE vs the global policy which was used to perform the original configuration on NE. Re-distributing the global policy to the outlined NE and/or re-configuring the distribution mode of the local policy to be Sync With Global.		

Table 2-147 ThresholdCrossingAlarm (equipment)

Alarm	Attributes	Applicable major releases
Name: ThresholdCrossingAlarm (14) Type: thresholdCrossed (6) Package: equipment Raised on class: equipment.Port	Severity: variable Implicitly cleared: true Default probable cause: thresholdCrossed (12)	<ul style="list-style-type: none"> 12.0 R7
Description: The alarm is raised when a port value crosses a threshold.		
Remedial action: Informational - A TCA set in the statistics policy associated with the counter has fired. The counter in question should be examined to determine if further action is required.		

Table 2-148 ThresholdCrossingAlarm (generic)

Alarm	Attributes	Applicable major releases
Name: ThresholdCrossingAlarm (14) Type: thresholdCrossed (6) Package: generic Raised on class: generic.GenericObject	Severity: warning Implicitly cleared: true Default probable cause: thresholdCrossed (12)	<ul style="list-style-type: none"> 12.0 R7
Description: The alarm is raised when a monitored object statistics-counter value exceeds a threshold value in the associated statistics policy.		
Remedial action: Informational - A TCA set in the statistics policy associated with the counter has fired. The counter in question should be examined to determine if further action is required.		

Table 2-149 ThresholdCrossingAlarm (netw)

Alarm	Attributes	Applicable major releases
Name: ThresholdCrossingAlarm (14) Type: thresholdCrossed (6) Package: netw Raised on class: netw.NetworkElement	Severity: info Implicitly cleared: false Default probable cause: thresholdCrossed (12)	<ul style="list-style-type: none"> 12.0 R7
Description: The alarm is raised when a value crosses a configured rising or falling threshold. The alarm information includes the current threshold value, the default threshold value, and the threshold name.		
Remedial action: Informational - A TCA set in the statistics policy associated with the counter has fired. The counter in question should be examined to determine if further action is required.		

Table 2-150 ThresholdCrossingAlarm (tca)

Alarm	Attributes	Applicable major releases
Name: ThresholdCrossingAlarm (14) Type: thresholdCrossed (6) Package: tca Raised on class: tca.SpecificTCAPolicy	Severity: variable Implicitly cleared: false Default probable cause: thresholdCrossed (12)	<ul style="list-style-type: none"> 12.0 R7
Description: The alarm is raised when a monitored object statistics-counter value exceeds a threshold value in the associated statistics policy.		
Remedial action: This alarm is generated when a threshold is crossed on an object or attribute supported by 5620 SAM. The object or attribute must be examined to determine the nature of the issue and the load on the entity must be examined to determine if it is appropriate.		

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Table 2-151 ThresholdCrossingAlarmDbI

Alarm	Attributes	Applicable major releases
Name: ThresholdCrossingAlarmDbI (226) Type: thresholdCrossed (6) Package: generic Raised on class: generic.GenericObject	Severity: warning Implicitly cleared: true Default probable cause: thresholdCrossed (12)	<ul style="list-style-type: none"> 12.0 R7
Description: The alarm is raised when a value crosses a configured rising or falling threshold. The alarm information includes the current threshold value, the default threshold value, and the threshold name.		
Remedial action: Informational - A TCA set in the statistics policy associated with the counter has fired. The counter in question should be examined to determine if further action is required.		

Table 2-152 TimedLicenseExpiryNotice

Alarm	Attributes	Applicable major releases
Name: TimedLicenseExpiryNotice (263) Type: licensingAlarm (23) Package: security Raised on class: security.AbstractLicense	Severity: variable Implicitly cleared: false Default probable cause: timedLicenseExpiryNotice (196)	<ul style="list-style-type: none"> 12.0 R7
Description: The alarm is raised when the 5620 SAM license timer expires. The alarm information includes the license expiry date.		
Remedial action: Informational - The SAM license key is about to expire. Please contact Alcatel-Lucent Sales to request either an extension for the license or a permanent license key.		

Table 2-153 TimeMismatch

Alarm	Attributes	Applicable major releases
Name: TimeMismatch (436) Type: configurationAlarm (11) Package: server Raised on class: server.AuxiliaryServer	Severity: major Implicitly cleared: false Default probable cause: timeMismatch (344)	<ul style="list-style-type: none"> 12.0 R7
Description: The alarm is raised when the system time on a 5620 SAM auxiliary server station differs from the system time on a main server station.		
Remedial action: A configuration error has been made which must be corrected. The system time on the AUX server must match the system time on the main SAM server.		

Table 2-154 TodSuiteAssignmentFailure (service)

Alarm	Attributes	Applicable major releases
Name: TodSuiteAssignmentFailure (312) Type: todSuiteAlarm (35) Package: service Raised on class: service.AccessInterface	Severity: minor Implicitly cleared: false Default probable cause: configConflictOrResourceFull (274)	<ul style="list-style-type: none"> 12.0 R7
Description: The alarm is raised when a Time of Day suite cannot be assigned to an aggregation scheduler, or to an L2 or L3 access interface, because of a configuration conflict or a lack of resources. The alarm is not raised against a SAP.		
Remedial action: A configuration error has been made which must be corrected. The TOD cannot be assigned to the Aggregation Scheduler due to a configuration conflict or lack of resources.		

Table 2-155 TodSuiteAssignmentFailure (svq)

Alarm	Attributes	Applicable major releases
Name: TodSuiteAssignmentFailure (312) Type: todSuiteAlarm (35) Package: svq Raised on class: svq.AggregationScheduler	Severity: minor Implicitly cleared: false Default probable cause: assignmentFailure (242)	<ul style="list-style-type: none"> 12.0 R7
Description: The alarm is raised when an object fails to perform the action specified in a Time of Day suite.		
Remedial action: A configuration error has been made which must be corrected. The TOD cannot be assigned to the Aggregation Scheduler due to a configuration conflict or lack of resources.		

Table 2-156 TopologyRuleExecutionError

Alarm	Attributes	Applicable major releases
Name: TopologyRuleExecutionError (365) Type: configurationAlarm (11) Package: tunnelmgmt Raised on class: tunnelmgmt.TopologyRule	Severity: major Implicitly cleared: false Default probable cause: ruleErrorOrRuleEngineError (262)	<ul style="list-style-type: none"> 12.0 R7
Description: The alarm is raised when the 5620 SAM cannot execute a topology rule or when rule execution generates an error. Rule execution is the process that determines which tunnel elements require creation, modification, or deletion. The alarm typically indicates that the rule is misconfigured.		
Remedial action: A configuration error has been made which must be corrected. The topology rule in question must be re-configured correctly.		

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Table 2-157 TraceError

Alarm	Attributes	Applicable major releases
Name: TraceError (289) Type: equipmentAlarm (3) Package: netw Raised on class: netw.NetworkElement	Severity: critical Implicitly cleared: false Default probable cause: traceError (221)	<ul style="list-style-type: none"> 12.0 R7
Description: The alarm is raised when unusual error log trace messages are generated on an NE. The alarm information includes the title of the logged event and message details.		
Remedial action: Informational - This alarm is generated by the SR platforms to indicate that the node has encountered a reportable problem. The additional text field of the alarm will contain additional information regarding the alarm. If the alarm persists please contact Alcatel-Lucent support for assistance.		

Table 2-158 TrapMalformed

Alarm	Attributes	Applicable major releases
Name: TrapMalformed (135) Type: communicationsAlarm (4) Package: netw Raised on class: netw.NetworkElement	Severity: major Implicitly cleared: false Default probable cause: trapSchemaMismatch (108)	<ul style="list-style-type: none"> 12.0 R7
Description: The alarm is raised when the number of varbinds in an incoming SNMP trap is fewer than the number expected.		
Remedial action: Informational - If the alarm persists please contact Alcatel-Lucent support for assistance		

Table 2-159 TrapMapperQueueFull

Alarm	Attributes	Applicable major releases
Name: TrapMapperQueueFull (797) Type: queueFull (73) Package: trapmapper Raised on class: trapmapper.TrapMapperManager	Severity: critical Implicitly cleared: false Default probable cause: trapRateTooHigh (564)	<ul style="list-style-type: none"> 12.0 R7
Description: The alarm is raised when the 5620 SAM detects that the queue for traps that are to be mapped to alarms is full. Until queue space is available, the 5620 SAM drops traps that are to be mapped to alarms.		
Remedial action: Informational - if the alarm persists or is occurring frequently perform root cause analysis to determine why the NEs in the network are consistently generating high rates of alarms.		

Table 2-160 TrapRateThresholdExceeded

Alarm	Attributes	Applicable major releases
Name: TrapRateThresholdExceeded (412) Type: communicationsAlarm (4) Package: netw Raised on class: netw.NmsSystem	Severity: critical Implicitly cleared: false Default probable cause: trapRateGreaterThanConfigured (307)	<ul style="list-style-type: none"> 12.0 R7
Description: The alarm is raised when the incoming SNMP trap rate is greater than the configured trap rate threshold.		
Remedial action: Informational - if the alarm persists or is occurring frequently perform root cause analysis to determine why the NEs in the network are consistently generating high rates of alarms.		

Table 2-161 TunnelElementCreationError

Alarm	Attributes	Applicable major releases
Name: TunnelElementCreationError (366) Type: configurationAlarm (11) Package: tunnelmgmt Raised on class: tunnelmgmt.TopologyRule	Severity: major Implicitly cleared: false Default probable cause: unableToCreateTunnelElement (263)	<ul style="list-style-type: none"> 12.0 R7
Description: The alarm is raised when the creation of a missing tunnel element fails.		
Remedial action: A configuration error has been made which must be corrected. Please resolve the configuration error preventing the creation of the tunnel element.		

Table 2-162 TunnelElementDeleteError

Alarm	Attributes	Applicable major releases
Name: TunnelElementDeleteError (367) Type: configurationAlarm (11) Package: tunnelmgmt Raised on class: tunnelmgmt.TopologyRule	Severity: major Implicitly cleared: false Default probable cause: tunnelElementInUse (264)	<ul style="list-style-type: none"> 12.0 R7
Description: The alarm is raised when the deletion of an obsolete or unused tunnel element fails.		
Remedial action: A configuration error has occurred which must be corrected. The correction of this error must be done via CLI - please log into the NE and delete the tunnel element.		

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Table 2-163 TunnelElementInUseWarning

Alarm	Attributes	Applicable major releases
Name: TunnelElementInUseWarning (368) Type: configurationAlarm (11) Package: tunnelmgmt Raised on class: tunnelmgmt.TopologyRule	Severity: warning Implicitly cleared: false Default probable cause: tunnelElementInUse (264)	<ul style="list-style-type: none"> 12.0 R7
Description: The alarm is raised when the 5620 SAM does not attempt to delete an obsolete or unused tunnel element because the element is in use by another object.		
Remedial action: A configuration error has been made which must be corrected. The tunnel object to be deleted must be removed from the service or services which are referring to it.		

Table 2-164 TwoPrimaryDatabase

Alarm	Attributes	Applicable major releases
Name: TwoPrimaryDatabase (202) Type: configurationAlarm (11) Package: db Raised on class: db.DatabaseManager	Severity: critical Implicitly cleared: true Default probable cause: twoPrimaryDatabase (156)	<ul style="list-style-type: none"> 12.0 R7
Description: The alarm is raised when the standby database initializes as a primary database because of a database failover. The alarm clears when the original primary database is operational as the new standby database.		
Remedial action: Informational - The root cause of the failure of the primary database server should be investigated. Possible causes include a HW failure on the platform hosting the database function, loss of network connectivity between the primary and standby database.		

Table 2-165 UnableDeleteArchivedLogs

Alarm	Attributes	Applicable major releases
Name: UnableDeleteArchivedLogs (200) Type: databaseAlarm (29) Package: db Raised on class: db.DatabaseManager	Severity: major Implicitly cleared: false Default probable cause: archivedLogIssue (154)	<ul style="list-style-type: none"> 12.0 R7
Description: The alarm is raised when database disk space is low and the 5620 SAM is unable to delete the archive logs.		
Remedial action: Informational - Please contact Alcatel-Lucent support for assistance.		

Table 2-166 UnableGetArchivedLogDiskInfo

Alarm	Attributes	Applicable major releases
Name: UnableGetArchivedLogDiskInfo (4976) Type: databaseAlarm (29) Package: db Raised on class: db.DatabaseManager	Severity: critical Implicitly cleared: true Default probable cause: archivedLogsIssue (154)	<ul style="list-style-type: none"> 12.0 R7
Description: The alarm is raised when the 5620 SAM is unable to get the archive log filesystem information.		
Remedial action: Informational - Please check archive logs file system. The 5620 SAM cannot access the file system. If the problem persists then please contact Alcatel-Lucent support for assistance.		

Table 2-167 UnsupportedNode

Alarm	Attributes	Applicable major releases
Name: UnsupportedNode (288) Type: configurationAlarm (11) Package: netw Raised on class: netw.Topology	Severity: warning Implicitly cleared: false Default probable cause: unsupportedNode (219)	<ul style="list-style-type: none"> 12.0 R7
Description: The alarm is raised when, during network discovery, the 5620 SAM detects an NE that uses an unsupported device software version. The alarm information includes the IP address of the NE.		
Remedial action: The SW version of the NE must be upgraded to a version supported by 5620 SAM.		

Table 2-168 UserSuspended

Alarm	Attributes	Applicable major releases
Name: UserSuspended (1123) Type: communicationsAlarm (4) Package: security Raised on class: security.User	Severity: warning Implicitly cleared: true Default probable cause: multipleSecurityViolations (336)	<ul style="list-style-type: none"> 12.0 R7
Description: The alarm is raised when a user account is suspended.		
Remedial action: Informational - the user is suspended due to either a) the user account has been dormant longer than system's age threshold for account expiry, b) the password for the user has expired, or c) the number of authentication failures threshold before lockout has been reached.		

Table 2-169 WriteFileToDisk

Alarm	Attributes	Applicable major releases
Name: WriteFileToDisk (1940) Type: serverAlarm (94) Package: server Raised on class: server.SamServer	Severity: variable Implicitly cleared: false Default probable cause: diskSpaceIssue (153)	<ul style="list-style-type: none"> 12.0 R7
Description: The alarm is raised when SAM cannot write a file to disk.		
Remedial action: Check the additional text of the alarm for more details. Possible causes are lack of disk space or insufficient file permissions. The additional text will provide guidance as to the specifics of the problem.		

Table 2-170 YellowAlarmThresholdReached

Alarm	Attributes	Applicable major releases
Name: YellowAlarmThresholdReached (245) Type: communicationsAlarm (4) Package: netw Raised on class: netw.NmsSystem	Severity: critical Implicitly cleared: false Default probable cause: tooManyAlarms (182)	<ul style="list-style-type: none"> 12.0 R7
Description: The alarm is raised when the number of outstanding 5620 SAM alarms reaches the yellow threshold. When this happens, the 5620 SAM discards non-critical alarms to keep the number below the threshold.		
Remedial action: Informational - if the alarm persists or is occurring frequently perform root cause analysis to determine why the NEs in the network are consistently generating high rates of alarms.		

3 — Alcatel-Lucent 1830 PSS (PSS-4, 16/32) alarms



Note — Some alarms that the 5620 SAM can raise against this device may not be listed in this chapter. Associating alarms with specific NE types is an ongoing Alcatel-Lucent effort. If the 5620 SAM raises an alarm against this device type, and the alarm is not described in this chapter, see chapter 41 for information about the alarm.

Table 3-1 AccessInterfaceDown

Alarm	Attributes	Applicable major releases
Name: AccessInterfaceDown (249) Type: AccessInterfaceAlarm (32) Package: service Raised on class: service.AccessInterface	Severity: critical Implicitly cleared: true Default probable cause: interfaceDown (32)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when an L2 or L3 interface operational state is Down. The alarm is not raised against an L2 access interface that is associated with an MC ring or MC LAG in the standby state.		
Raising condition: (('Operational State' NOT EQUAL 'Up') AND ('State Cause' NOT EQUAL 'Standby For MC-Ring') AND ('State Cause' NOT EQUAL 'Standby For MC-Lag') AND ('State Cause' NOT EQUAL 'Standby For BGP Multi-homing'))		
Clearing condition: (('Operational State' EQUAL 'Up') OR ('State Cause' EQUAL 'Standby For MC-Ring') OR ('State Cause' EQUAL 'Standby For MC-Lag') OR ('State Cause' EQUAL 'Standby For BGP Multi-homing'))		

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3 – Alcatel-Lucent 1830 PSS (PSS-4, 16/32) alarms

Alarm	Attributes	Applicable major releases
<p>Remedial action: The condition exists because the physical interface is down either because it is administratively disabled, faulty or a cabling fault has occurred. Ensure that the interface is administratively up. Check for a poor cable connection to the port or for a faulty cable/fiber. If neither appears to be the problem run diagnostics on the port to determine if it is faulty.</p>		

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Table 3-2 ActiveAbnormalCondition

Alarm	Attributes	Applicable major releases
<p>Name: ActiveAbnormalCondition (3938) Type: activeAbnormalConditionAlarm (116) Package: netw Raised on class: netw.NetworkElement</p>	<p>Severity: major Implicitly cleared: true Default probable cause: ActiveAbnormalConditionState (1520)</p>	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
<p>Description: The alarm is an indication for abnormal condition on NE.</p>		
<p>Raising condition: ('abnormalCondition' EQUAL 'true')</p>		
<p>Clearing condition: ('abnormalCondition' EQUAL 'false')</p>		
<p>Remedial action: This alarm is raised when there is a abnormal state indication on NE.</p>		

Table 3-3 AddPowerControlFailure

Alarm	Attributes	Applicable major releases
<p>Name: AddPowerControlFailure (4422) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.PhysicalPort</p>	<p>Severity: variable Implicitly cleared: true Default probable cause: Mtcssurv (1586) Applicable probable causes:</p> <ul style="list-style-type: none"> • Mtcssurv • MTCESURV 	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
<p>Description: The alarm is raised when Add power control failure is detected.</p>		
<p>Remedial action: Please refer 1830 PSS Troubleshooting guide for detailed steps for corrective action.</p>		

Table 3-4 AesFipsFailure

Alarm	Attributes	Applicable major releases
Name: AesFipsFailure (5437) Type: communicationsAlarm (4) Package: equipment Raised on class: equipment.CardSlot	Severity: variable Implicitly cleared: true Default probable cause: AesFipsFailure (2138)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when AES FIPS Failure .		
Remedial action: Please refer 1830 PSS Troubleshooting guide for detailed steps for corrective action.		

Table 3-5 AggregatedVFLPortDown

Alarm	Attributes	Applicable major releases
Name: AggregatedVFLPortDown (5436) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.Shelf	Severity: critical Implicitly cleared: true Default probable cause: connectivityIssue (2137)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is generated when the aggregated virtual fabric link on the virtual chassis slot is down.		
Raising condition: (('Shelf Type' EQUAL '7850') AND ('Total Slots' EQUAL '4') AND ('Virtual Fabric Link State' NOT EQUAL 'Up'))		
Clearing condition: (('Shelf Type' EQUAL '7850') AND ('Total Slots' EQUAL '4') AND ('Virtual Fabric Link State' EQUAL 'Up'))		
Remedial action: The alarm is raised when the aggregated virtual fabric link on the virtual chassis is down. Please check the virtual fabric links for the virtual chassis setup.		

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Table 3-6 AGWDiameterPeerDown

Alarm	Attributes	Applicable major releases
Name: AGWDiameterPeerDown (844) Type: EpcAlarm (59) Package: Ite Raised on class: Ite.AGWDiameterPeer	Severity: variable Implicitly cleared: true Default probable cause: EPSPeerDown (602)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when the path management state of a Diameter peer changes to a state other than Up.		
Raising condition: ('Path Diameter Management State' NOT EQUAL 'Active')		
Clearing condition: ('Path Diameter Management State' EQUAL 'Active')		
Remedial action: A Ga reference point (peer) is operationally down for one of the following reasons: the underlying IP or physical interface is down, the far end peer is down or the underlying transport between this NE and the peer NE is down. To resolve the issue ensure that the IP/physical interface is up, check that the far end peer is operational and check that the underlying transport network is up.		

Table 3-7 AlarmReportingControllInhibited

Alarm	Attributes	Applicable major releases
Name: AlarmReportingControllInhibited (4852) Type: communicationsAlarm (4) Package: netw Raised on class: netw.NetworkElement	Severity: variable Implicitly cleared: true Default probable cause: ArcIND (1929)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when Alarm reporting control in indefinite inhibition mode is detected.		
Remedial action: Please refer 1830 PSS Troubleshooting guide for detailed steps for corrective action.		

Table 3-8 AlienEgrLOS

Alarm	Attributes	Applicable major releases
Name: AlienEgrLOS (3954) Type: communicationsAlarm (4) Package: equipment Raised on class: equipment.PhysicalPort	Severity: variable Implicitly cleared: true Default probable cause: AlienEgrLOS (1532)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when Alien EGR Los is detected.		
Remedial action: Please refer 1830 PSS Troubleshooting guide for detailed steps for corrective action.		

Table 3-9 AmpDisabled

Alarm	Attributes	Applicable major releases
Name: AmpDisabled (4423) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.PhysicalPort	Severity: variable Implicitly cleared: true Default probable cause: AmpDisabled (956)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when Amplifier disabled is detected.		
Remedial action: 1. Determine if there are any temperature alarms on the shelf. If so, check the airflow of the shelf, filler card presence, and ambient air temperature. Resolve any air flow obstructions or air-conditioner issues. 2. Perform a warm reset of the card.3. Perform a cold reset of the card.4. Reset the card.5. Replace the card.Follow the return and repair process in the Customer and Product Support guide to return the faulty card to an authorized repair center for replacement.		

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Table 3-10 AmpDisabledOpticalPowerOverload

Alarm	Attributes	Applicable major releases
Name: AmpDisabledOpticalPowerOverload (1970) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.PhysicalPort	Severity: variable Implicitly cleared: true Default probable cause: OvrlD (955)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when Amplifier disabled - optical power overload is detected.		
Remedial action: 1. Determine if there are any temperature alarms on the shelf. If so, check the airflow of the shelf, filler card presence, and ambient air temperature. Resolve any air flow obstructions or air-conditioner issues. 2. Perform a warm reset of the card.3. Perform a cold reset of the card.4. Reset the card.5. Replace the card.Follow the return and repair process in the Customer and Product Support guide to return the faulty card to an authorized repair center for replacement.		

Table 3-11 AmpGainTooHigh

Alarm	Attributes	Applicable major releases
Name: AmpGainTooHigh (4424) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.PhysicalPort	Severity: variable Implicitly cleared: true Default probable cause: HighGain (1587)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when Amplifier out of operational range - amplifier gain too high is detected.		
Remedial action: This is a transitory alarm that is raised for a maximum of 30 seconds while the amplifier attempts to limit the output power. If after 30 seconds the output power cannot be limited,a Card Failure - Device alarm is raised.		

Table 3-12 AmpGainTooLow

Alarm	Attributes	Applicable major releases
Name: AmpGainTooLow (4425) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.PhysicalPort	Severity: variable Implicitly cleared: true Default probable cause: LoGain (958)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when Amplifier out of operational range - amplifier gain too low is detected.		
Remedial action: Please refer section LOGAIN (Amplifier out of operational range - amplifier gain too low) in 1830 PSS Troubleshooting guide for detailed corrective action.		

Table 3-13 AmpOutputPowerUnachievable

Alarm	Attributes	Applicable major releases
Name: AmpOutputPowerUnachievable (1976) Type: communicationsAlarm (4) Package: equipment Raised on class: equipment.PhysicalPort	Severity: variable Implicitly cleared: true Default probable cause: OprUnachieve (961)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when OPR unachievable is detected.		
Remedial action: Please refer section OPRUNACHIEVE (Channel Power Unachievable) in 1830 PSS Troubleshooting guide for detailed corrective action.		

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Table 3-14 AnnounceLoss

Alarm	Attributes	Applicable major releases
Name: AnnounceLoss (4951) Type: communicationsAlarm (4) Package: ptp Raised on class: ptp.IEEEPTPport	Severity: variable Implicitly cleared: true Default probable cause: AnnounceLoss (2006)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when Loss of Announce messages on the slave port .		
Remedial action: Please refer 1830 PSS Troubleshooting guide for detailed steps for corrective action.		

Table 3-15 ApelnProgress

Alarm	Attributes	Applicable major releases
Name: ApelnProgress (5559) Type: communicationsAlarm (4) Package: netw Raised on class: netw.NetworkElement	Severity: variable Implicitly cleared: true Default probable cause: ApelnProgress (2290)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when APE in progress.		
Remedial action: Please refer 1830 PSS Troubleshooting guide for detailed steps for corrective action.		

Table 3-16 APRFORCED

Alarm	Attributes	Applicable major releases
Name: APRFORCED (8155) Type: communicationsAlarm (4) Package: equipment Raised on class: equipment.PhysicalPort	Severity: variable Implicitly cleared: true Default probable cause: APRFORCED (2547)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when APR Forced.		
Remedial action: Please refer 1830 PSS Troubleshooting guide for detailed steps for corrective action.		

Table 3-17 AprInvalidTopo

Alarm	Attributes	Applicable major releases
Name: AprInvalidTopo (3332) Type: communicationsAlarm (4) Package: equipment Raised on class: equipment.PhysicalPort	Severity: variable Implicitly cleared: true Default probable cause: APRINVALIDTOPO (1165)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when APR Active - Invalid Topology is detected.		
Remedial action: Proceed as follows to clear the APR Active - Invalid Topology alarm.1 Create a new topology.CLI config interface topology.From WEBUI use command - Select Connections > Physical Topology > Create.		

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Table 3-18 APRLIMITED

Alarm	Attributes	Applicable major releases
Name: APRLIMITED (8156) Type: communicationsAlarm (4) Package: equipment Raised on class: equipment.PhysicalPort	Severity: variable Implicitly cleared: true Default probable cause: APRLIMITED (2548)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when APR Limited.		
Remedial action: Please refer 1830 PSS Troubleshooting guide for detailed steps for corrective action.		

Table 3-19 AprLine

Alarm	Attributes	Applicable major releases
Name: AprLine (4426) Type: communicationsAlarm (4) Package: equipment Raised on class: equipment.PhysicalPort	Severity: variable Implicitly cleared: true Default probable cause: APRLINE (1588)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when APR Active - Line is detected.		
Remedial action: Determine the ingress amplifier that is connected to the egress amplifier reporting the APR condition. Check whether an APROSC condition is active on the egress amplifier at either end of the span. If so proceed to APROSC to clear the APROSC condition. Confirm the LOS condition on the ingress amplifier. Check in LOS to clear the LOS condition. The APRLINE condition will automatically clear up to 100 seconds after the ingress LOS condition has been cleared.		

Table 3-20 AprNode

Alarm	Attributes	Applicable major releases
Name: AprNode (3333) Type: communicationsAlarm (4) Package: equipment Raised on class: equipment.PhysicalPort	Severity: variable Implicitly cleared: true Default probable cause: APRNODE (1166)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when APR Active - Node is detected.		
Remedial action: If no services are provisioned at the input to the LD pack, provision at least one service. If services are provisioned at the input to the LD pack, Check to LOS to clear the LOS condition.		

Table 3-21 AprOsc

Alarm	Attributes	Applicable major releases
Name: AprOsc (3334) Type: communicationsAlarm (4) Package: equipment Raised on class: equipment.PhysicalPort	Severity: variable Implicitly cleared: true Default probable cause: APROSC (1167)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when APR Active - OSC disabled is detected.		
Remedial action: Check the OSC provisioning at both ends of the span by looking at the connected ingress LD, and also at the ingress LD at the far end of the span. Set both OSCs to OC3. The condition will automatically clear within 100 seconds.		

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Table 3-22 AprSwitch

Alarm	Attributes	Applicable major releases
Name: AprSwitch (3335) Type: communicationsAlarm (4) Package: equipment Raised on class: equipment.PhysicalPort	Severity: variable Implicitly cleared: true Default probable cause: APRSWITCH (1168)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when APR Active - Port Switch is detected.		
Remedial action: Some EDFA and Raman amplifier circuit packs that are capable of producing high output power, exceeding class 1M limits, are equipped with port switches on the high-power ports. Before a fiber jumper can be disconnected from the high-power port, a cover must be removed from the faceplate. A switch within the pack detects the cover removal and shuts off the amplifier within the circuit pack. After the cover is reinstalled on the circuit pack, the amplifier will restart and the alarm will clear automatically.		

Table 3-23 AprUnavail

Alarm	Attributes	Applicable major releases
Name: AprUnavail (3336) Type: communicationsAlarm (4) Package: equipment Raised on class: equipment.PhysicalPort	Severity: variable Implicitly cleared: true Default probable cause: APRUNAVAIL (1169)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when APR Unavailable - Monitor Card Booting is detected.		
Remedial action: The alarm clears automatically after the reboot has been completed. No corrective action is required.		

Table 3-24 AprUnavailOsc

Alarm	Attributes	Applicable major releases
Name: AprUnavailOsc (3337) Type: communicationsAlarm (4) Package: equipment Raised on class: equipment.PhysicalPort	Severity: variable Implicitly cleared: true Default probable cause: APRUNAVAILOSC (1170)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when APR Limited - OSC SFP Failure is detected.		
Remedial action: Replace the affected SFP.		

Table 3-25 ApsChannelMismatch

Alarm	Attributes	Applicable major releases
Name: ApsChannelMismatch (4427) Type: communicationsAlarm (4) Package: equipment Raised on class: equipment.PhysicalPort	Severity: variable Implicitly cleared: true Default probable cause: ApsCm (1589)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when APS channel mismatch is detected.		
Remedial action: Observe the protection information presented in the APSCM condition. Note the protection group information and the cards involved. Login to the near end NE and determine the NE and card that link directly to the (near-end) card reporting the APSCM alarm. 1. Ensure that the near-end and far-end interfaces are in the same protection group. 2. Check the direction of the protection group. 3. Validate that the protection group has a valid working and protection path. For Detailed steps Please refer 1830 PSS Maintenance and Trouble-Clearing User Guide.		

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Table 3-26 ApsFarEndProtLineFail

Alarm	Attributes	Applicable major releases
Name: ApsFarEndProtLineFail (4428) Type: communicationsAlarm (4) Package: equipment Raised on class: equipment.PhysicalPort	Severity: variable Implicitly cleared: true Default probable cause: FePrLf (1002)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when Far end protection line failure is detected.		
Remedial action: Please refer 1830 PSS Troubleshooting guide for detailed steps for corrective action.		

Table 3-27 ApsLockoutOfProtection

Alarm	Attributes	Applicable major releases
Name: ApsLockoutOfProtection (4429) Type: communicationsAlarm (4) Package: equipment Raised on class: equipment.PhysicalPort	Severity: variable Implicitly cleared: true Default probable cause: LockoutOfPr (1590) Applicable probable causes: <ul style="list-style-type: none"> • LockoutOfPr • LockoutOfPrVTS1 • LockoutOfPrVTS2 • LockoutOfPrVTS3 • LockoutOfPrVTS4 • LockoutOfPrVTS5 • LockoutOfPrVTS6 • LockoutOfPrVTS7 • LockoutOfPrVTS8 • LockoutOfPrVTS9 • LockoutOfPrVTS10 	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when Lockout of protection is detected.		
Remedial action: Please refer 1830 PSS Troubleshooting guide for detailed steps for corrective action.		

Table 3-28 ApsModeMismatch

Alarm	Attributes	Applicable major releases
Name: ApsModeMismatch (4430) Type: communicationsAlarm (4) Package: equipment Raised on class: equipment.PhysicalPort	Severity: variable Implicitly cleared: true Default probable cause: ApsMm (1601)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when APS mode mismatch is detected.		
Remedial action: Determine the protection group for the port raising this alarm and also associated shelf/slot/port on the far end NE. Check the network plan to determine the desired directionality for the protection group. If the desired directionality for the protection group is unidirectional, change the protection mode at this port and near end to uni-directional or vice versa. For Detailed steps Please refer 1830 PSS Maintenance and Trouble-Clearing User Guide.		

Table 3-29 ApsProtSwitchByteFail

Alarm	Attributes	Applicable major releases
Name: ApsProtSwitchByteFail (4431) Type: communicationsAlarm (4) Package: equipment Raised on class: equipment.PhysicalPort	Severity: variable Implicitly cleared: true Default probable cause: ApsB (1602)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when APS protection switching byte failure is detected.		
Remedial action: Please refer 1830 PSS Troubleshooting guide for detailed steps for corrective action.		

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Table 3-30 ApsSwitchedToWork

Alarm	Attributes	Applicable major releases
Name: ApsSwitchedToWork (1977) Type: communicationsAlarm (4) Package: equipment Raised on class: equipment.PhysicalPort	Severity: variable Implicitly cleared: true Default probable cause: WkSwBk (962)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when Automatic switch to working is detected.		
Remedial action: Please refer section WKS WBK (Automatic switch to working) in 1830 PSS Troubleshooting guide for detailed corrective action.		

Table 3-31 ApsWorkingForceSwitchedBackToWorking

Alarm	Attributes	Applicable major releases
Name: ApsWorkingForceSwitchedBackToWorking (4432) Type: communicationsAlarm (4) Package: equipment Raised on class: equipment.PhysicalPort	Severity: variable Implicitly cleared: true Default probable cause: FrcdWkSwBk (1603) Applicable probable causes: <ul style="list-style-type: none"> • FrcdWkSwBk • FrcdWkSwBkVTS1 • FrcdWkSwBkVTS2 • FrcdWkSwBkVTS3 • FrcdWkSwBkVTS4 • FrcdWkSwBkVTS5 • FrcdWkSwBkVTS6 • FrcdWkSwBkVTS7 • FrcdWkSwBkVTS8 • FrcdWkSwBkVTS9 • FrcdWkSwBkVTS10 	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when Forced switch to working is detected.		
Remedial action: Please refer 1830 PSS Troubleshooting guide for detailed steps for corrective action.		

Table 3-32 ApsWorkingForceSwitchedToProtect

Alarm	Attributes	Applicable major releases
Name: ApsWorkingForceSwitchedToProtect (4433) Type: communicationsAlarm (4) Package: equipment Raised on class: equipment.PhysicalPort	Severity: variable Implicitly cleared: true Default probable cause: FrcdWkSwPr (1614) Applicable probable causes: <ul style="list-style-type: none"> • FrcdWkSwPr • FrcdWkSwPrVTS1 • FrcdWkSwPrVTS2 • FrcdWkSwPrVTS3 • FrcdWkSwPrVTS4 • FrcdWkSwPrVTS6 • FrcdWkSwPrVTS7 • FrcdWkSwPrVTS8 • FrcdWkSwPrVTS9 • FrcdWkSwPrVTS10 	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when Forced switch to protection is detected.		
Remedial action: Please refer 1830 PSS Troubleshooting guide for detailed steps for corrective action.		

Table 3-33 ApsWorkingManualSwitchedBackToWorking

Alarm	Attributes	Applicable major releases
Name: ApsWorkingManualSwitchedBackToWorking (4434) Type: communicationsAlarm (4) Package: equipment Raised on class: equipment.PhysicalPort	Severity: variable Implicitly cleared: true Default probable cause: ManWkSwBk (1624) Applicable probable causes: <ul style="list-style-type: none"> • ManWkSwBk • ManWkSwBkVTS1 • ManWkSwBkVTS2 • ManWkSwBkVTS3 • ManWkSwBkVTS4 • ManWkSwBkVTS5 • ManWkSwBkVTS6 • ManWkSwBkVTS7 • ManWkSwBkVTS8 • ManWkSwBkVTS9 • ManWkSwBkVTS10 	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when Manual switch to working is detected.		
Remedial action: Please refer 1830 PSS Troubleshooting guide for detailed steps for corrective action.		

Table 3-34 ApsWorkingManualSwitchedToProtect

Alarm	Attributes	Applicable major releases
Name: ApsWorkingManualSwitchedToProtect (4435) Type: communicationsAlarm (4) Package: equipment Raised on class: equipment.PhysicalPort	Severity: variable Implicitly cleared: true Default probable cause: ManWkSwPr (1635) Applicable probable causes: <ul style="list-style-type: none"> • ManWkSwPr • ManWkSwPrVTS1 • ManWkSwPrVTS2 • ManWkSwPrVTS3 • ManWkSwPrVTS4 • ManWkSwPrVTS5 • ManWkSwPrVTS6 • ManWkSwPrVTS7 • ManWkSwPrVTS8 • ManWkSwPrVTS9 • ManWkSwPrVTS10 	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when Manual switch to protection is detected.		
Remedial action: Please refer 1830 PSS Troubleshooting guide for detailed steps for corrective action.		

Table 3-35 ApsWorkingSwitchedToProtect

Alarm	Attributes	Applicable major releases
Name: ApsWorkingSwitchedToProtect (4436) Type: communicationsAlarm (4) Package: equipment Raised on class: equipment.PhysicalPort	Severity: variable Implicitly cleared: true Default probable cause: WkSwPr (1646) Applicable probable causes: <ul style="list-style-type: none"> • WkSwPr • WkSwPrVTS1 • WkSwPrVTS2 • WkSwPrVTS3 • WkSwPrVTS4 • WkSwPrVTS5 • WkSwPrVTS6 • WkSwPrVTS7 • WkSwPrVTS8 • WkSwPrVTS9 • WkSwPrVTS10 	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when Automatic switch to protection is detected.		
Remedial action: Please refer 1830 PSS Troubleshooting guide for detailed steps for corrective action.		

Table 3-36 AreaTypeMismatch

Alarm	Attributes	Applicable major releases
Name: AreaTypeMismatch (38) Type: configurationAlarm (11) Package: ospf Raised on class: ospf.Area	Severity: warning Implicitly cleared: true Default probable cause: areaTypeMisconfigured (34)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when an OSPF area on one NE is configured as an NSSA and the same OSPF area on another NE is configured as a stub area.		
Raising condition: ('Type Mismatch' EQUAL 'true')		
Clearing condition: ('Type Mismatch' EQUAL 'false')		
Remedial action: A configuration error has been made which must be corrected. The OSPF area type configured for the NE does not match with the same OSPF area configured on another NE. Compare the configuration on the endpoint and correct the mismatch.		

Table 3-37 AsonTopo

Alarm	Attributes	Applicable major releases
Name: AsonTopo (3709) Type: communicationsAlarm (4) Package: equipment Raised on class: equipment.PhysicalPort	Severity: variable Implicitly cleared: true Default probable cause: AsonTopo (1447)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when Intra-nodal topology failure-operator action required is detected.		
Remedial action: Steps to clear this alarms: 1. Check fibers on the through path containing the AID where the ASONTOPO alarm is raised.2. Note the AID where the ASONTOPO is raised and then using NE CLI or WebUI to clear the ASONTOPO alarm.3. If no service is present over the AID where the ASONTOPO was raised, create an unprotected LSP over the AID where the ASONTOPO was raised (must be a unprotected LSP so that control plane will not remove cross connect if another problem is encountered).4. Check for any other alarms (e.g. power adjust required) and follow their corresponding corrective action procedures.5. Wait at least 10 minutes to ensure that no other alarms are raised.6. Remove the unprotected LSP if it was created in a previous step.		

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Table 3-38 AsymmetricalConfig (multichassis)

Alarm	Attributes	Applicable major releases
Name: AsymmetricalConfig (295) Type: configurationAlarm (11) Package: multichassis Raised on classes: <ul style="list-style-type: none"> • multichassis.AbstractMultiChassisLag • multichassis.MultiChassisLagMember • multichassis.AbstractMultiChassisPeer 	Severity: major Implicitly cleared: true Default probable cause: asymmetricalConfig (226)	<ul style="list-style-type: none"> • 6.0 • 7.0
Description: The alarm is raised when there is a peer configuration mismatch that prevents MC operation.		
Raising condition: ('Config Mismatches' NOT EQUAL '0L')		
Clearing condition: ('Config Mismatches' EQUAL '0L')		
Remedial action: Check configurations on both members to see anything not matched.		

Table 3-39 AuAisP

Alarm	Attributes	Applicable major releases
Name: AuAisP (4437) Type: communicationsAlarm (4) Package: equipment Raised on class: equipment.PhysicalPort	Severity: variable Implicitly cleared: true Default probable cause: AuAisP (1657)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when AU AIS PATH is detected.		
Remedial action: Please refer 1830 PSS Troubleshooting guide for detailed steps for corrective action.		

Table 3-40 AuLopP

Alarm	Attributes	Applicable major releases
Name: AuLopP (4438) Type: communicationsAlarm (4) Package: equipment Raised on class: equipment.PhysicalPort	Severity: variable Implicitly cleared: true Default probable cause: AuLopP (1658)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when AU LOP PATH is detected.		
Remedial action: Please refer 1830 PSS Troubleshooting guide for detailed steps for corrective action.		

Table 3-41 AutoLaserOffDueToUpstreamFault

Alarm	Attributes	Applicable major releases
Name: AutoLaserOffDueToUpstreamFault (4439) Type: communicationsAlarm (4) Package: equipment Raised on class: equipment.PhysicalPort	Severity: variable Implicitly cleared: true Default probable cause: UsAls (1659)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when Auto laser off due to upstream condition is detected.		
Remedial action: Please refer 1830 PSS Troubleshooting guide for detailed steps for corrective action.		

Table 3-42 AutoNegMismatch

Alarm	Attributes	Applicable major releases
Name: AutoNegMismatch (4958) Type: communicationsAlarm (4) Package: rmd Raised on class: rmd.Port	Severity: variable Implicitly cleared: true Default probable cause: RmdIfANM (2013)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when an auto negotiation mismatch is detected. Only applicable to customer ports.		
Remedial action: Please ensure that auto negotiation is configured correctly on the RMD port		

Table 3-43 AutoSwTimRef

Alarm	Attributes	Applicable major releases
Name: AutoSwTimRef (3921) Type: equipmentAlarm (3) Package: optical Raised on class: optical.LineReference	Severity: variable Implicitly cleared: true Default probable cause: AutoSwTimRef (1507)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when Automatic switch to a timing reference is detected.		
Remedial action: Check the timing reference quality and priority.		

Table 3-44 AutoSwTimRefT4

Alarm	Attributes	Applicable major releases
Name: AutoSwTimRefT4 (4881) Type: equipmentAlarm (3) Package: optical Raised on class: optical.LineReference	Severity: variable Implicitly cleared: true Default probable cause: AutoSwTimRef_T4 (1945)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when T4:Automatic switch to a timing reference is detected.		
Remedial action: Please refer 1830 PSS Troubleshooting guide for detailed steps for corrective action.		

Table 3-45 AutoSyncSw

Alarm	Attributes	Applicable major releases
Name: AutoSyncSw (3714) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.CardSlot	Severity: variable Implicitly cleared: true Default probable cause: AutoSyncSw (1452)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when Automatic timing reference switch is detected.		
Remedial action: AUTOSYNCSW is an event. No clearing procedure is required.		

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Table 3-46 AuxiliaryServerStatus

Alarm	Attributes	Applicable major releases
Name: AuxiliaryServerStatus (311) Type: communicationsAlarm (4) Package: server Raised on class: server.AuxiliaryServer	Severity: critical Implicitly cleared: true Default probable cause: systemFailed (144)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when a 5620 SAM main server cannot communicate with an auxiliary server. The alarm clears when communication is restored.		
Raising condition: ('Server Status' EQUAL 'Down')		
Clearing condition: ('Server Status' EQUAL 'Up')		
Remedial action: Informational - if the alarm persists or is occurring frequently then investigation is required to understand why the connectivity between the AUX and SAM servers is unreliable.		

Table 3-47 B1SignalDegrade

Alarm	Attributes	Applicable major releases
Name: B1SignalDegrade (1980) Type: communicationsAlarm (4) Package: equipment Raised on class: equipment.PhysicalPort	Severity: variable Implicitly cleared: true Default probable cause: B1Sd (965)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when B1 Signal Degrade is detected.		
Remedial action: Steps to clear this alarms:1. Retrieve power level reading on the local port.2. Clean the fiber.3. If cleaning the fiber does not clear the problem, replace the fiber.4. If the power level is within the operating range, check for pluggable module alarms.5. Replace the pluggable module.		

Table 3-48 BackplaneBatteryOff

Alarm	Attributes	Applicable major releases
Name: BackplaneBatteryOff (1981) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.CardSlot	Severity: variable Implicitly cleared: true Default probable cause: Pwr (966)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when Battery power at backplane off or voltage low is detected.		
Remedial action: Please refer section PWR in 1830 PSS Troubleshooting guide for detailed corrective action.		

Table 3-49 BackupUnavail

Alarm	Attributes	Applicable major releases
Name: BackupUnavail (5560) Type: communicationsAlarm (4) Package: netw Raised on class: netw.NetworkElement	Severity: variable Implicitly cleared: true Default probable cause: BackupUnavail (2291)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when backup unavailable.		
Remedial action: Please refer 1830 PSS Troubleshooting guide for detailed steps for corrective action.		

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Table 3-50 BackwardDefectIndication

Alarm	Attributes	Applicable major releases
Name: BackwardDefectIndication (4444) Type: communicationsAlarm (4) Package: equipment Raised on class: equipment.PhysicalPort	Severity: variable Implicitly cleared: true Default probable cause: Bdi (1664) Applicable probable causes: <ul style="list-style-type: none"> • Bdi • BdiOdu • BackwardDefectIndicationEgress • BDIS 	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when Backward Defect Indication - OTU is detected.		
Remedial action: Please refer 1830 PSS Troubleshooting guide for detailed steps for corrective action.		

Table 3-51 BackwardDefectIndicationEgress

Alarm	Attributes	Applicable major releases
Name: BackwardDefectIndicationEgress (4914) Type: communicationsAlarm (4) Package: equipment Raised on class: equipment.PhysicalPort	Severity: variable Implicitly cleared: true Default probable cause: BackwardDefectIndicationEgress (1666) Applicable probable causes: <ul style="list-style-type: none"> • BackwardDefectIndicationEgress • BDIP 	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when Backward Defect Indication Egress - ODU .		
Remedial action: Please refer 1830 PSS Troubleshooting guide for detailed steps for corrective action.		

Table 3-52 BadClkFreq

Alarm	Attributes	Applicable major releases
Name: BadClkFreq (5438) Type: communicationsAlarm (4) Package: equipment Raised on class: equipment.CardSlot	Severity: variable Implicitly cleared: true Default probable cause: BadClkFreq (2139)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when Clock freq error > 54.6 ppm (>20 ppm causes OTN errors) .		
Remedial action: Please refer 1830 PSS Troubleshooting guide for detailed steps for corrective action.		

Table 3-53 BatteryOff

Alarm	Attributes	Applicable major releases
Name: BatteryOff (1982) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.CardSlot	Severity: variable Implicitly cleared: true Default probable cause: Pwr (966)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when Battery off or power filter off is detected.		
Remedial action: Please refer section PWR in 1830 PSS Troubleshooting guide for detailed corrective action.		

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Table 3-54 BdiOduOut

Alarm	Attributes	Applicable major releases
Name: BdiOduOut (4445) Type: communicationsAlarm (4) Package: equipment Raised on class: equipment.PhysicalPort	Severity: variable Implicitly cleared: true Default probable cause: BdiOduOut (1667)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when Outgoing Backward Defect Indication - ODU is detected.		
Remedial action: Please refer 1830 PSS Troubleshooting guide for detailed steps for corrective action.		

Table 3-55 BITSAIS

Alarm	Attributes	Applicable major releases
Name: BITSAIS (4440) Type: communicationsAlarm (4) Package: equipment Raised on class: equipment.PhysicalPort	Severity: variable Implicitly cleared: true Default probable cause: BITSAIS (1660)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when AIS is detected is detected.		
Remedial action: Please refer 1830 PSS Troubleshooting guide for detailed steps for corrective action.		

Table 3-56 BITSLoF

Alarm	Attributes	Applicable major releases
Name: BITSLoF (4441) Type: communicationsAlarm (4) Package: equipment Raised on class: equipment.PhysicalPort	Severity: variable Implicitly cleared: true Default probable cause: BITSLoF (1661)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when Loss of frame is detected.		
Remedial action: Please refer 1830 PSS Troubleshooting guide for detailed steps for corrective action.		

Table 3-57 BITSLoS

Alarm	Attributes	Applicable major releases
Name: BITSLoS (4442) Type: communicationsAlarm (4) Package: equipment Raised on class: equipment.PhysicalPort	Severity: variable Implicitly cleared: true Default probable cause: BITSLoS (1662)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when Loss of Signal is detected.		
Remedial action: Please refer 1830 PSS Troubleshooting guide for detailed steps for corrective action.		

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Table 3-58 BITSMAN

Alarm	Attributes	Applicable major releases
Name: BITSMAN (4443) Type: communicationsAlarm (4) Package: equipment Raised on class: equipment.PhysicalPort	Severity: variable Implicitly cleared: true Default probable cause: BITSMAN (1663)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when Logic removal of the BITS port is detected.		
Remedial action: Please refer 1830 PSS Troubleshooting guide for detailed steps for corrective action.		

Table 3-59 BoardEqpt

Alarm	Attributes	Applicable major releases
Name: BoardEqpt (3338) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.CardSlot	Severity: variable Implicitly cleared: true Default probable cause: BoardEqpt (1171)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when Card failure - boot failure is detected.		
Remedial action: The alarm is raised when a card fails to initialize. See relevant section in 1830 PSS Troubleshooting guide for detailed corrective action.		

Table 3-60 BootableConfigBackupFailed

Alarm	Attributes	Applicable major releases
Name: BootableConfigBackupFailed (103) Type: configurationAlarm (11) Package: sw Raised on class: sw.BackupRestoreManager	Severity: major Implicitly cleared: true Default probable cause: fileTransferFailure (89)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when the 5620 SAM fails to back up a set of NE configuration files.		
Raising condition: ('Backup State' EQUAL 'Failure')		
Clearing condition: ('Backup State' EQUAL 'Success')		
Remedial action: Investigation is required to resolve the following possible scenarios: insufficient disk space is available to accommodate the NE configuration files (additional SAM platform alarms will accompany this alarm); the NE is unreachable (including underlying transport network issue); loss of connectivity to the NE during transfer; the FTP daemon on the NE may have stopped; FTP security credential issues.		

Table 3-61 BootableConfigRestoreFailed

Alarm	Attributes	Applicable major releases
Name: BootableConfigRestoreFailed (104) Type: configurationAlarm (11) Package: sw Raised on class: sw.BackupRestoreManager	Severity: major Implicitly cleared: true Default probable cause: fileTransferFailure (89)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when the 5620 SAM fails to restore a set of NE configuration files.		
Raising condition: ('Restore State' EQUAL 'Failure')		
Clearing condition: ('Restore State' EQUAL 'Success')		
Remedial action: Investigation is required to resolve the following possible scenarios: the NE is unreachable (including underlying transport network issue); loss of connectivity to the NE during transfer; the FTP daemon on the NE may have stopped; FTP security credential issues.		

Table 3-62 BootParametersMisconfigured

Alarm	Attributes	Applicable major releases
Name: BootParametersMisconfigured (35) Type: configurationAlarm (11) Package: netw Raised on class: netw.NetworkElement	Severity: critical Implicitly cleared: true Default probable cause: persistentIndexFailure (30) Applicable probable causes: <ul style="list-style-type: none"> • persistentIndexFailure • configFileBootFailure 	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when the SNMP Index Boot Status on an NE is not set to Persistent.		
Raising condition: (('isGenericNode' EQUAL 'false') AND ('State' NOT EQUAL 'Pre-provisioned') AND (((('Config File Status' NOT EQUAL 'Executed Successfully') AND ('Config File Status' NOT EQUAL 'configFileStatus_unspecified')) OR (('Persistent Index Status' NOT EQUAL 'Rebuild Succeeded') AND ('Persistent Index Status' NOT EQUAL 'persistentIndexStatus_unspecified'))))		
Clearing condition: (('Config File Status' EQUAL 'Executed Successfully') AND ('Persistent Index Status' EQUAL 'Rebuild Succeeded'))		
Remedial action: Ensure that "SNMP Index Boot Status" is persistent (using cli command "show system information" on the NE). If not, unmanage the network element from SAM, ensure that "persist on" is set in the bof file, save the bof, save a config file, verify that an index file (.ndx) is saved as well, reboot the router, verify that SNMP Index Boot Status is persistent and finally remanage the router from SAM.		

Table 3-63 BothTimingModulesFailed

Alarm	Attributes	Applicable major releases
Name: BothTimingModulesFailed (1984) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.Shelf	Severity: variable Implicitly cleared: true Default probable cause: SyncClkFail (968)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when System timing synchronization units both failed is detected.		
Remedial action: Please refer 1830 PSS Troubleshooting guide for detailed steps for corrective action.		

Table 3-64 Breaker1BatteryFeedDown

Alarm	Attributes	Applicable major releases
Name: Breaker1BatteryFeedDown (4446) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.CardSlot	Severity: variable Implicitly cleared: true Default probable cause: Pwr (966)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when Power Filter 1 off or voltage low is detected.		
Remedial action: Please refer 1830 PSS Troubleshooting guide for detailed steps for corrective action.		

Table 3-65 Breaker2BatteryFeedDown

Alarm	Attributes	Applicable major releases
Name: Breaker2BatteryFeedDown (4447) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.CardSlot	Severity: variable Implicitly cleared: true Default probable cause: Pwr (966)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when Power Filter 2 off or voltage low is detected.		
Remedial action: Please refer 1830 PSS Troubleshooting guide for detailed steps for corrective action.		

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Table 3-66 BreakerCardsMismatched

Alarm	Attributes	Applicable major releases
Name: BreakerCardsMismatched (4448) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.CardSlot	Severity: variable Implicitly cleared: true Default probable cause: Mismatch (1034)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when Power Filter Mismatch is detected.		
Remedial action: Please refer 1830 PSS Troubleshooting guide for detailed steps for corrective action.		

Table 3-67 CardBoot

Alarm	Attributes	Applicable major releases
Name: CardBoot (3715) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.CardSlot	Severity: variable Implicitly cleared: true Default probable cause: CardBoot (1453)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when Card booting is detected.		
Remedial action: No corrective action is required. This alarm clears automatically once the card is booted.		

Table 3-68 CardClkOffFreq

Alarm	Attributes	Applicable major releases
Name: CardClkOffFreq (5439) Type: communicationsAlarm (4) Package: equipment Raised on class: equipment.CardSlot	Severity: variable Implicitly cleared: true Default probable cause: CardClkOffFreq (2140)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when Card Clock Frequency measured out of spec .		
Remedial action: Please refer 1830 PSS Troubleshooting guide for detailed steps for corrective action.		

Table 3-69 CardDegrade

Alarm	Attributes	Applicable major releases
Name: CardDegrade (1987) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.CardSlot	Severity: variable Implicitly cleared: true Default probable cause: EqptDgr (971)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when Card degrade - device is detected.		
Remedial action: At the end of each step wait to see if the fault clears. If not, continue with the next step.1. Is the alarmed pack a 100G Coherent OT (112SCA1, 112SNA1, 112SCX10 or 112SNX10)? 2. Check the line port information and Line port PM.If the OPT and OPR parameters are blank go to Step 3.3. Check the firmware profile that is currently running on the pack.If not, go to Step 7.If the firmware profile for the card is lower than the versions shown in the table below,then the firmware should be upgraded see - Selecting a Specific Firmware Version 4. Perform a cold reset of the card.5. Reseat the card.6. Replace the card.7. Perform a warm reset of the card.		

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Table 3-70 CardDegradeMonitorFailure

Alarm	Attributes	Applicable major releases
Name: CardDegradeMonitorFailure (4451) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.CardSlot	Severity: variable Implicitly cleared: true Default probable cause: EqptDgrMon (1670)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when HW_HUDSON_FPGA failure is detected.		
Remedial action: Refer Procedure : Clear Card Degrade - Device in 1830 PSS Troubleshooting guide.		

Table 3-71 CardFailure

Alarm	Attributes	Applicable major releases
Name: CardFailure (1988) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.CardSlot	Severity: variable Implicitly cleared: true Default probable cause: Eqpt (1671) Applicable probable causes: <ul style="list-style-type: none"> • Eqpt • ContEqpt 	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when Card failure - device is detected.		
Remedial action: 1. Perform a warm reset of the card.2.Perform a cold reset of the card.3. Reset the card.4. Replace the card.		

Table 3-72 CardInitBcm

Alarm	Attributes	Applicable major releases
Name: CardInitBcm (4452) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.CardSlot	Severity: variable Implicitly cleared: true Default probable cause: CardInitBcm (1673)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when Card Initializing - BCM is detected.		
Remedial action: Please refer 1830 PSS Troubleshooting guide for detailed steps for corrective action.		

Table 3-73 CardInitializing

Alarm	Attributes	Applicable major releases
Name: CardInitializing (1989) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.CardSlot	Severity: variable Implicitly cleared: true Default probable cause: CardInit (973)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when Card initializing is detected.		
Remedial action: This condition should clear by itself, or be replaced by another card alarm. No corrective action is required. The condition clears or is replaced by a card alarm. If the alarm does not clear, then follow the procedure - Card Failure. Note: To get correct PM counts after an MSC cold reboot, initialize the PM registers.		

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Table 3-74 CardInitNonBcm

Alarm	Attributes	Applicable major releases
Name: CardInitNonBcm (4453) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.CardSlot	Severity: variable Implicitly cleared: true Default probable cause: CardInitNonBcm (1674)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when Card Initializing - NONBCM is detected.		
Remedial action: Please refer 1830 PSS Troubleshooting guide for detailed steps for corrective action.		

Table 3-75 CardMismatch

Alarm	Attributes	Applicable major releases
Name: CardMismatch (1160) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.CardSlot	Severity: variable Implicitly cleared: true Default probable cause: Mismatch (1034)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when Card mismatch is detected.		
Remedial action: 1. Display the provisioned card type.2. Verify from the network plan what type of card is supposed to be in that slot.3. If the inserted card is the incorrect type, remove the card and insert one that matches the provisioned type for the slot.If the provisioning is incorrect, then reconfigure to make the provisioning match the card.If the provisioning is correct and the card is of a matching type, then there is an issue with the card itself. Continue with Step 4.4. Perform a warm reset of the card.5.Perform a cold reset of the card.6. Reseat the card.7. Replace the card.		

Table 3-76 CardMissing

Alarm	Attributes	Applicable major releases
Name: CardMissing (1990) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.CardSlot	Severity: variable Implicitly cleared: true Default probable cause: ReplUnitMiss (974)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when Card missing is detected.		
Remedial action: The process for variable 1830 PSS nodes are different to clear this alarm. Please refer 1830 PSS trouble shooting guide, section - REPLUNTMISS (Card Missing) to follow detailed steps for clearing this alarm.		

Table 3-77 CardNotAllowed

Alarm	Attributes	Applicable major releases
Name: CardNotAllowed (1991) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.CardSlot	Severity: variable Implicitly cleared: true Default probable cause: CardNotAllowed (975)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when Card not allowed is detected.		
Remedial action: At the end of each step wait to see if the fault clears. If not, continue with the next step. 1. Identify that the Wavelength Tracker mode of the shelf is set correctly. 2. If the Wavelength Tracker mode is disabled, remove the affected card.		

Table 3-78 CardProvisioningFailure

Alarm	Attributes	Applicable major releases
Name: CardProvisioningFailure (1992) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.CardSlot	Severity: variable Implicitly cleared: true Default probable cause: DataFit (976)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when Card provisioning failure is detected.		
Remedial action: At the end of each step wait to see if the fault clears. If not, continue with the next step.1. Determine if there is a software mismatch on the NE. If so, resolve the software issue first. The NE should be running with a committed software load. CLI show software upgrade status alm WEBUI Select Administration > Software > Upgrade and view the Status field.2. Perform a warm reset on the card that has the DATAFLT condition raised against it. CLI config card card type shelf slot reset warm WEBUI Select the card, click the Reboot tab, select Warm Reboot >Submit.3. Perform a warm reset on the Equipment Controller. This will cause a Equipment Controller switch in a redundant configuration.4. Perform a cold reset on the alarmed card. CLI config card card type shelf slot reset cold WEBUI Select the card, click the Reboot tab, select Cold Reboot >Submit.5. Delete the services and de-provision the alarmed card. Re-provision the card with the same parameters as was previously done.6. Reseat the alarmed card.7. Replace the alarmed card.		

Table 3-79 CardSanityFailure

Alarm	Attributes	Applicable major releases
Name: CardSanityFailure (1993) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.CardSlot	Severity: variable Implicitly cleared: true Default probable cause: CardSanity (977)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when Card failure - sanity is detected.		
Remedial action: The alarms clearing procedures are similar to Card Failure - Communication.1. Perform a warm reset of the card.2.Perform a cold reset of the card.3. Reseat the card.4. Replace the card.		

Table 3-80 CardUnknown

Alarm	Attributes	Applicable major releases
Name: CardUnknown (1994) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.CardSlot	Severity: variable Implicitly cleared: true Default probable cause: Unknown (978)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when Card unknown is detected.		
Remedial action: 1. Verify if the inserted card is supported for the current running release.2. If the card is not yet supported in this release and the card is a required type for the NE, verify that the correct release is running on the NE. Upgrade the NE to the correct release if it is not to support this card type.3. If the NE is running the correct release but the card is not yet supported in that release, remove the card and replace it with one that is supported by the software running on the NE.4. If the card is supported and the NE is running the correct release, the problem may be with the card itself.5. Perform a warm reset of the card.6. Perform a cold reset of the card.7. Reseat the card.8. Replace the card.		

Table 3-81 CBandLossOfSignal

Alarm	Attributes	Applicable major releases
Name: CBandLossOfSignal (4449) Type: communicationsAlarm (4) Package: equipment Raised on class: equipment.PhysicalPort	Severity: variable Implicitly cleared: true Default probable cause: AllChanMiss (954) Applicable probable causes: <ul style="list-style-type: none"> • AllChanMiss • AllChanMissOut 	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when All Channels Missing is detected.		
Remedial action: Follow the following steps to clear the alarm:1. List the cross-connects.2. Confirm that all cross-connects are administratively up. To bring a cross-connect Admin Up.3. Check for any channel alarms and resolve.4. Verify that the cards and ports upstream of the LDs DCM or Line In port (that is, within the NE for Egress amp, line port faces external to the NE for Ingress amp) are alarm free.Resolve any alarms on cards/ports that are upstream of the LD pack using the information gathered in Step 1.5. Verify that there is a fiber properly plugged into the LDs DCM or Line In port, that the fiber is the correct type, and that the other end of the fiber is connected properly.6. Verify that the input power to the alarmed port is within limits:If the power is too low, verify that the fiber is not damaged or dirty, and clean or replace if necessary.7. If the problem is not resolved, then replace the card.		

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Table 3-82 ChannelCollision

Alarm	Attributes	Applicable major releases
Name: ChannelCollision (4454) Type: communicationsAlarm (4) Package: equipment Raised on class: equipment.PhysicalPort	Severity: variable Implicitly cleared: true Default probable cause: OchCollision (1675) Applicable probable causes: <ul style="list-style-type: none"> • OchCollision • UsOchCollision • OchCollisionOut 	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when Channel collision is detected.		
Remedial action: This alarm is raised when Wavelength Tracker has detected more than one instance of the same channel at this port. Please follow the below steps to clear this alarm: 1. Perform a path power trace to identify the network path the particular alarmed channel is traversing. 2. Determine if there is a NE where an OCHCOLLISION-OUT condition is present. 3. Resolve the OCHCOLLISION-OUT condition(if present). 4. Perform a warm reset of the card. 5. Perform a cold reset of the card. 6. Reseat the card. 7. Replace the card. For Detailed steps Please refer 1830 PSS Maintenance and Trouble-Clearing User Guide.		

Table 3-83 ChannelPowerOutOfRange

Alarm	Attributes	Applicable major releases
Name: ChannelPowerOutOfRange (4455) Type: communicationsAlarm (4) Package: equipment Raised on class: equipment.PhysicalPort	Severity: variable Implicitly cleared: true Default probable cause: Opr (1678) Applicable probable causes: <ul style="list-style-type: none"> • Opr • OprOut 	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when Channel optical power out of range is detected.		
Remedial action: Refer Procedure : Clear Channel power unstable alarm in 1830 PSS Troubleshooting guide.		

Table 3-84 ChannelSwitchingFailure

Alarm	Attributes	Applicable major releases
Name: ChannelSwitchingFailure (4456) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.PhysicalPort	Severity: variable Implicitly cleared: true Default probable cause: SwMtxMod (1680)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when Switching matrix module failure is detected.		
Remedial action: Please refer 1830 PSS Troubleshooting guide for detailed steps for corrective action.		

Table 3-85 ChannelViolation

Alarm	Attributes	Applicable major releases
Name: ChannelViolation (5561) Type: communicationsAlarm (4) Package: netw Raised on class: netw.NetworkElement	Severity: variable Implicitly cleared: true Default probable cause: ChannelViolation (2292)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when channel assignment violation.		
Remedial action: Please refer 1830 PSS Troubleshooting guide for detailed steps for corrective action.		

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Table 3-86 CKM

Alarm	Attributes	Applicable major releases
Name: CKM (3955) Type: communicationsAlarm (4) Package: equipment Raised on class: equipment.PhysicalPort	Severity: variable Implicitly cleared: true Default probable cause: CKM (1533)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when Encryption Current Key Mismatch is detected.		
Remedial action: Please refer 1830 PSS Troubleshooting guide for detailed steps for corrective action.		

Table 3-87 ClientDelegateServerStatus

Alarm	Attributes	Applicable major releases
Name: ClientDelegateServerStatus (731) Type: communicationsAlarm (4) Package: server Raised on class: server.ClientDelegateServer	Severity: critical Implicitly cleared: true Default probable cause: systemFailed (144)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when a client delegate server is unreachable.		
Raising condition: ('Server Status' EQUAL 'Down')		
Clearing condition: ('Server Status' EQUAL 'Up')		
Remedial action: Informational - if the alarm persists or is occurring frequently then investigation is required to understand why the connectivity between the client delegate platform and SAM servers is unreliable or the client delegate server itself is unreliable.		

Table 3-88 ColorViolation (netw)

Alarm	Attributes	Applicable major releases
Name: ColorViolation (5562) Type: communicationsAlarm (4) Package: netw Raised on class: netw.NetworkElement	Severity: variable Implicitly cleared: true Default probable cause: ColorViolation (2293)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when color violation.		
Remedial action: Please refer 1830 PSS Troubleshooting guide for detailed steps for corrective action.		

Table 3-89 CommDeg

Alarm	Attributes	Applicable major releases
Name: CommDeg (5563) Type: communicationsAlarm (4) Package: netw Raised on class: netw.NetworkElement	Severity: variable Implicitly cleared: true Default probable cause: CommDeg (2294)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when CPNeighbor degraded.		
Remedial action: Please refer 1830 PSS Troubleshooting guide for detailed steps for corrective action.		

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Table 3-90 CommDown

Alarm	Attributes	Applicable major releases
Name: CommDown (5564) Type: communicationsAlarm (4) Package: netw Raised on class: netw.NetworkElement	Severity: variable Implicitly cleared: true Default probable cause: CommDown (2295)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when CPNeighbor down.		
Remedial action: Please refer 1830 PSS Troubleshooting guide for detailed steps for corrective action.		

Table 3-91 ConfigMM

Alarm	Attributes	Applicable major releases
Name: ConfigMM (8157) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.CardSlot	Severity: variable Implicitly cleared: true Default probable cause: PacketCardConfigMismatch (2549)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when there is Configuration mismatch.		
Remedial action: Please refer 1830 PSS Troubleshooting guide for detailed steps for corrective action		

Table 3-92 ContainingEquipmentAdministrativelyDown

Alarm	Attributes	Applicable major releases
Name: ContainingEquipmentAdministrativelyDown (466) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.Port	Severity: minor Implicitly cleared: true Default probable cause: containingEquipmentAdministrativelyDown (330)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when the compositeEquipmentState attribute has a value of containingEquipmentAdministrativelyDown.		
Raising condition: (('Status' EQUAL 'Parent Admin Down') AND ('isTerminatable' EQUAL 'true'))		
Clearing condition: (('Status' NOT EQUAL 'Parent Admin Down') OR ('isTerminatable' NOT EQUAL 'true'))		
Remedial action: Informational - no corrective action required.		

Table 3-93 ContainingEquipmentMismatch

Alarm	Attributes	Applicable major releases
Name: ContainingEquipmentMismatch (464) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.Port	Severity: major Implicitly cleared: true Default probable cause: containingEquipmentMismatch (328)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when the compositeEquipmentState attribute has a value of containingEquipmentMismatch.		
Raising condition: (('Status' EQUAL 'Parent Type Mismatch') AND ('isTerminatable' EQUAL 'true'))		
Clearing condition: (('Status' NOT EQUAL 'Parent Type Mismatch') OR ('isTerminatable' NOT EQUAL 'true'))		
Remedial action: A configuration error has occurred which must be corrected. The card type configured for the slot identified in the alarm must match the installed card type.		

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Table 3-94 ContainingEquipmentOperationallyDown

Alarm	Attributes	Applicable major releases
Name: ContainingEquipmentOperationallyDown (465) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.Port	Severity: major Implicitly cleared: true Default probable cause: containingEquipmentDown (329)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when the compositeEquipmentState attribute has a value of containingEquipmentOperationallyDown.		
Raising condition: (('Status' EQUAL 'Parent Oper Down') AND ('isTerminatable' EQUAL 'true'))		
Clearing condition: (('Status' NOT EQUAL 'Parent Oper Down') OR ('isTerminatable' NOT EQUAL 'true'))		
Remedial action: The operational state of the equipment element indicated in the alarm is down. This may be due to the element's administrative state or it may indicate that the element has failed.		

Table 3-95 ContEqptSplit

Alarm	Attributes	Applicable major releases
Name: ContEqptSplit (4457) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.CardSlot	Severity: variable Implicitly cleared: true Default probable cause: ContEqptSplit (1681)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when SLC-MTX function running on standby MTC1T9 is detected.		
Remedial action: Please refer 1830 PSS Troubleshooting guide for detailed steps for corrective action.		

Table 3-96 ControlCardRedundancyCompromised

Alarm	Attributes	Applicable major releases
Name: ControlCardRedundancyCompromised (1998) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.Shelf	Severity: variable Implicitly cleared: true Default probable cause: SwEqpt (981)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when Control Card redundancy is compromised is detected.		
Remedial action: Please refer section SWEQPT (Equipment Controller redundancy is compromised) in 1830 PSS Troubleshooting guide for detailed corrective action.		

Table 3-97 CorruptImageFile

Alarm	Attributes	Applicable major releases
Name: CorruptImageFile (171) Type: configurationAlarm (11) Package: mediation Raised on class: mediation.AbstractSoftwareFolderDescriptor	Severity: critical Implicitly cleared: true Default probable cause: invalidOrCorruptImageFile (134)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when one or more files in the 5620 SAM software image specified for a device software upgrade is invalid, corrupt or absent. The 5620 SAM validates a device software file set before it imports the file set and distributes it to an NE. Ensure that the file set downloads properly to the NE and is not tampered with before you re-attempt the upgrade. The alarm clears when a valid file set is on the NE and the 5620 SAM activates the software image in the file set.		
Raising condition: ('isImageValid' EQUAL 'false')		
Clearing condition: ('isImageValid' EQUAL 'true')		
Remedial action: The existing SW image in the SAM database should be replaced with an image that is known to be complete and valid.		

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Table 3-98 CPUPERFORMANCE

Alarm	Attributes	Applicable major releases
Name: CPUPERFORMANCE (4450) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.CardSlot	Severity: variable Implicitly cleared: true Default probable cause: CPUPERFORMANCE (1669)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when CPU Performance Issue Detected is detected.		
Remedial action: Please refer 1830 PSS Troubleshooting guide for detailed steps for corrective action.		

Table 3-99 CSF

Alarm	Attributes	Applicable major releases
Name: CSF (3956) Type: communicationsAlarm (4) Package: equipment Raised on class: equipment.PhysicalPort	Severity: variable Implicitly cleared: true Default probable cause: CSF (1534)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when Client Signal Failure -ODU is detected.		
Remedial action: See Procedure - Clear Client Signal Fail detected on the ODU in 1830 PSS Troubleshooting guide.		

Table 3-100 CsfGfp

Alarm	Attributes	Applicable major releases
Name: CsfGfp (4915) Type: communicationsAlarm (4) Package: equipment Raised on class: equipment.PhysicalPort	Severity: variable Implicitly cleared: true Default probable cause: CsfGfp (1971)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when Client Signal Fail detected on the GFP .		
Remedial action: Please refer 1830 PSS Troubleshooting guide for detailed steps for corrective action.		

Table 3-101 CsfGfpOut

Alarm	Attributes	Applicable major releases
Name: CsfGfpOut (4458) Type: communicationsAlarm (4) Package: equipment Raised on class: equipment.PhysicalPort	Severity: variable Implicitly cleared: true Default probable cause: CsfGfpOut (1682) Applicable probable causes: <ul style="list-style-type: none"> • CsfGfpOut • GFPCSF 	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when Outgoing Client Signal Fail detected on the GFP is detected.		
Remedial action: Refer Procedure: Clear Client Signal Failure (GFP) in 1830 PSS Troubleshooting guide.		

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Table 3-102 CSFODUEGR

Alarm	Attributes	Applicable major releases
Name: CSFODUEGR (3957) Type: communicationsAlarm (4) Package: equipment Raised on class: equipment.PhysicalPort	Severity: variable Implicitly cleared: true Default probable cause: CSFODUEGR (1535)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when Egress Client Signal Failure -ODU is detected.		
Remedial action: Please refer 1830 PSS Troubleshooting guide for detailed steps for corrective action.		

Table 3-103 CsfOduOut

Alarm	Attributes	Applicable major releases
Name: CsfOduOut (4459) Type: communicationsAlarm (4) Package: equipment Raised on class: equipment.PhysicalPort	Severity: variable Implicitly cleared: true Default probable cause: CsfOduOut (1683) Applicable probable causes: <ul style="list-style-type: none"> • CsfOduOut • ODUCSF 	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when Outgoing Client Signal Fail detected on the ODU is detected.		
Remedial action: Please refer 1830 PSS Troubleshooting guide for detailed steps for corrective action.		

Table 3-104 DatabaseInvalid

Alarm	Attributes	Applicable major releases
Name: DatabaseInvalid (4853) Type: communicationsAlarm (4) Package: netw Raised on class: netw.NetworkElement	Severity: variable Implicitly cleared: true Default probable cause: DbInvalid (1103)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when Database invalid is detected.		
Remedial action: Please refer DBINVALID (Database invalid) in 1830 PSS Troubleshooting guide for detailed corrective action.		

Table 3-105 DatabaseSyncFailure

Alarm	Attributes	Applicable major releases
Name: DatabaseSyncFailure (4854) Type: communicationsAlarm (4) Package: netw Raised on class: netw.NetworkElement	Severity: variable Implicitly cleared: true Default probable cause: DbMemTrf (1930)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when Database synchronization failure is detected.		
Remedial action: Please refer section DBMEMTRF (Database synchronization failure) in 1830 PSS Troubleshooting guide for detailed corrective action.		

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Table 3-106 DatabaseUnsync

Alarm	Attributes	Applicable major releases
Name: DatabaseUnsync (4855) Type: communicationsAlarm (4) Package: netw Raised on class: netw.NetworkElement	Severity: variable Implicitly cleared: true Default probable cause: DbUnsync (1931)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when Active and standby Main EC databases are not synchronized is detected.		
Remedial action: This is a transitional demerit that is raised when database synchronization begins, and clears once the database has been fully synchronized from the active to the inactive Equipment Controller. Typically no user action is required, however if the condition persists, perform a warm reset on the inactive Equipment Controller.		

Table 3-107 DataErr

Alarm	Attributes	Applicable major releases
Name: DataErr (4464) Type: communicationsAlarm (4) Package: equipment Raised on class: equipment.CardSlot	Severity: variable Implicitly cleared: true Default probable cause: DataErr (983)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when Data Error or Timeout is detected.		
Remedial action: Refer section Procedure: Clear Data error or timeout in 1830 PSS Troubleshooting guide.		

Table 3-108 DbFailureLocal

Alarm	Attributes	Applicable major releases
Name: DbFailureLocal (4856) Type: communicationsAlarm (4) Package: netw Raised on class: netw.NetworkElement	Severity: variable Implicitly cleared: true Default probable cause: DbFI (1100)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when DB Failure Local - copy creation processing failure is detected.		
Remedial action: 1.Retry the database backup.2.Contact your next level of support.		

Table 3-109 DbFailureTransport

Alarm	Attributes	Applicable major releases
Name: DbFailureTransport (4857) Type: communicationsAlarm (4) Package: netw Raised on class: netw.NetworkElement	Severity: variable Implicitly cleared: true Default probable cause: DbFt (1099)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when DB Failure Transport - file transport failure is detected.		
Remedial action: 1.Retry the database backup.2.Contact your next level of support.		

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Table 3-110 DegOut

Alarm	Attributes	Applicable major releases
Name: DegOut (4465) Type: communicationsAlarm (4) Package: equipment Raised on class: equipment.PhysicalPort	Severity: variable Implicitly cleared: true Default probable cause: DegOut (1685)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when Outgoing Signal Degrade - ODU is detected.		
Remedial action: Please refer 1830 PSS Troubleshooting guide for detailed steps for corrective action.		

Table 3-111 DelayResLoss

Alarm	Attributes	Applicable major releases
Name: DelayResLoss (4952) Type: communicationsAlarm (4) Package: ptp Raised on class: ptp.IEEEPTPPort	Severity: variable Implicitly cleared: true Default probable cause: DelayResLoss (2007)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when Loss of Delay_Resp messages on the slave port .		
Remedial action: Please refer 1830 PSS Troubleshooting guide for detailed steps for corrective action.		

Table 3-112 DeviceNotReachable

Alarm	Attributes	Applicable major releases
Name: DeviceNotReachable (4959) Type: equipmentAlarm (3) Package: rmd Raised on class: rmd.Device	Severity: variable Implicitly cleared: true Default probable cause: RmdDNR (2014)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when the RMD Device is not reachable.		
Remedial action: Informational - Please check connectivity between the NE and the RMD.		

Table 3-113 DiagnosticTerminalLoopbackActive

Alarm	Attributes	Applicable major releases
Name: DiagnosticTerminalLoopbackActive (2001) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.PhysicalPort	Severity: variable Implicitly cleared: true Default probable cause: LpbkTerm (984)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when Diagnostic Terminal loopback active is detected.		
Remedial action: Remove the loopback from the port.		

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Table 3-114 DiscoveredPhysicalLinkMismatch

Alarm	Attributes	Applicable major releases
Name: DiscoveredPhysicalLinkMismatch (657) Type: configurationAlarm (11) Package: netw Raised on class: netw.AbstractPhysicalLink	Severity: warning Implicitly cleared: true Default probable cause: endPointUsedByNumerousLinks (488)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when one endpoint of a physical link is used as an endpoint in another physical link.		
Raising condition: ('physicalLinkMismatchConfigured' EQUAL 'true')		
Clearing condition: ('physicalLinkMismatchConfigured' EQUAL 'false')		
Remedial action: A configuration error has been made which must be corrected. Physical link endpoint (i.e. ports) can only be configured in one link.		

Table 3-115 downgradedCardAlarm

Alarm	Attributes	Applicable major releases
Name: downgradedCardAlarm (256) Type: softwareAlarm (19) Package: equipment Raised on class: equipment.Card	Severity: warning Implicitly cleared: true Default probable cause: downgradedCard (195)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when an IOM is not upgraded or reset after a device software upgrade of both CPMs. A device resets an IOM automatically after 120 minutes if the IOM is not manually reset after a CPM upgrade.		
Raising condition: ('operationalState' EQUAL 'Downgrade')		
Clearing condition: ('operationalState' EQUAL 'Up')		
Remedial action: Informational - no corrective action required.		

Table 3-116 DuplicatePhysicalLinks

Alarm	Attributes	Applicable major releases
Name: DuplicatePhysicalLinks (658) Type: configurationAlarm (11) Package: netw Raised on class: netw.AbstractPhysicalLink	Severity: minor Implicitly cleared: true Default probable cause: duplicatePhysicalLinkConfigured (489)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when there is more than one physical link configured between two endpoints.		
Raising condition: ('duplicateLinkConfigured' EQUAL 'true')		
Clearing condition: ('duplicateLinkConfigured' EQUAL 'false')		
Remedial action: A configuration error has been made which must be corrected. The duplicated link must be deleted.		

Table 3-117 DuplicateTrailName

Alarm	Attributes	Applicable major releases
Name: DuplicateTrailName (4466) Type: communicationsAlarm (4) Package: equipment Raised on class: equipment.PhysicalPort	Severity: variable Implicitly cleared: true Default probable cause: OchTrailDup (985)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when Duplicate OCH Trail name is detected.		
Remedial action: This can happen if the loopback IP address of the sourcing NE was recently changed. In the case of a loopback IP address change, the condition resolves itself after one hour. This situation can also happen if one of the following situations occur: if the control network was segmented when the OCH trails were created. If the control network is rejoined then any duplicates are discovered and this alarm is raised. The control network is segmented if the one or more ALPHG CN links are down such that a number of NEs cannot communicate to the remainder of the NEs in the network. If a database with a duplicate Och-trail is restored on a NE. If two Och Trails with the identical name are created at the same time within the network		

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Table 3-118 DuplicateWaveKey

Alarm	Attributes	Applicable major releases
Name: DuplicateWaveKey (4467) Type: communicationsAlarm (4) Package: equipment Raised on class: equipment.PhysicalPort	Severity: variable Implicitly cleared: true Default probable cause: OchKeyDup (986)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when Duplicate Wave Key is detected.		
Remedial action: The alarm lists the IP address and shelf/slot/port for the other NE sourcing the same OCHtrail name.1. Check if there are any existing communication-related alarms and troubleshoot them first.2. Choose one of the connections to be rekeyed.3. Log into the NE that sources the connection to be rekeyed.4. List the cross connects that currently exist on-NE.5. Search the list for the OCh trail in question and record the A-end, Z-end, band and channel for that connection (you will use this in Step 6).6. Rekey the associated connection.		

Table 3-119 DwAlarmIndicationSignal

Alarm	Attributes	Applicable major releases
Name: DwAlarmIndicationSignal (2004) Type: communicationsAlarm (4) Package: equipment Raised on class: equipment.PhysicalPort	Severity: variable Implicitly cleared: true Default probable cause: DwAis (1686)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when AIS is detected.		
Remedial action: Please refer 1830 PSS Troubleshooting guide for detailed steps for corrective action.		

Table 3-120 DwLossOfFrame

Alarm	Attributes	Applicable major releases
Name: DwLossOfFrame (4468) Type: communicationsAlarm (4) Package: equipment Raised on class: equipment.PhysicalPort	Severity: variable Implicitly cleared: true Default probable cause: Lof (1073)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when Loss of Frame - OTU is detected.		
Remedial action: This alarm indicates that a receiver port on one of the optical cards has detected a Loss of Frame. For corrective action please refer 1830 PSS Maintenance and Trouble-Clearing User Guide.		

Table 3-121 DwLossOfMultiFrame

Alarm	Attributes	Applicable major releases
Name: DwLossOfMultiFrame (4469) Type: communicationsAlarm (4) Package: equipment Raised on class: equipment.PhysicalPort	Severity: variable Implicitly cleared: true Default probable cause: DwLom (1687)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when Loss of Multiframe - OTU is detected.		
Remedial action: This alarm is raised at an OT port when the OT receiver cannot synchronize to a multiframe indicator of an incoming OTUk bit stream. Please follow the below steps to clear this alarm(At the end of each step wait to see if the fault clears. If not proceed with the next step): 1. Query the receive power on the port where the LOM condition is present. 2. Check the immediate upstream OT for any alarm conditions. If there are any, clear the failures. 3.Perform a warm reset of the card. 4.Perform a cold reset of the card. 5.Reseat the OT. 6.Replace the OT.		

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Table 3-122 DwSignalDegrade

Alarm	Attributes	Applicable major releases
Name: DwSignalDegrade (4470) Type: communicationsAlarm (4) Package: equipment Raised on class: equipment.PhysicalPort	Severity: variable Implicitly cleared: true Default probable cause: DegOtu (1688)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when Signal Degrade - OTU is detected.		
Remedial action: This alarm indicates that OT port has detected a Signal Degrade Bit Error Rate(SDBER) on the OC-n/STM-n port of the applicable card. Please follow the below steps to clear this alarm: 1. Retrieve power level reading on the local port. 2. Clean the fiber. 3. If cleaning the fiber does not clear the problem, replace the fiber. 4. If the power level is within the operating range, check for pluggable module alarms. 5. Replace the pluggable module.		

Table 3-123 DwSignalFailure

Alarm	Attributes	Applicable major releases
Name: DwSignalFailure (2005) Type: communicationsAlarm (4) Package: equipment Raised on class: equipment.PhysicalPort	Severity: variable Implicitly cleared: true Default probable cause: Sf (1079)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when BER signal fail is detected.		
Remedial action: Please refer 1830 PSS Troubleshooting guide for detailed steps for corrective action.		

Table 3-124 E1AisEgr

Alarm	Attributes	Applicable major releases
Name: E1AisEgr (3339) Type: communicationsAlarm (4) Package: equipment Raised on class: equipment.PhysicalPort	Severity: variable Implicitly cleared: true Default probable cause: E1AisEgr (1172)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when AIS Line/MS Egress is detected.		
Remedial action: Please see AIS Line/MS in 1830 PSS Troubleshooting guide for detailed corrective action.		

Table 3-125 E1AisL

Alarm	Attributes	Applicable major releases
Name: E1AisL (3340) Type: communicationsAlarm (4) Package: equipment Raised on class: equipment.PhysicalPort	Severity: variable Implicitly cleared: true Default probable cause: E1AisL (1173)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when AIS Line/MS is detected.		
Remedial action: Please see AIS Line/MS in 1830 PSS Troubleshooting guide for detailed corrective action.		

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Table 3-126 E1Lof

Alarm	Attributes	Applicable major releases
Name: E1Lof (3341) Type: communicationsAlarm (4) Package: equipment Raised on class: equipment.PhysicalPort	Severity: variable Implicitly cleared: true Default probable cause: E1Lof (1174)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when Loss of frame is detected.		
Remedial action: Please refer LOF (Loss of Frame) in 1830 PSS Troubleshooting guide for detailed corrective action.		

Table 3-127 E1LofEgr

Alarm	Attributes	Applicable major releases
Name: E1LofEgr (3342) Type: communicationsAlarm (4) Package: equipment Raised on class: equipment.PhysicalPort	Severity: variable Implicitly cleared: true Default probable cause: E1LofEgr (1175)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when Loss of Frame Egress is detected.		
Remedial action: Please refer LOFEGR (Loss of Frame Egress) in 1830 PSS Troubleshooting guide for detailed corrective action.		

Table 3-128 E1Los

Alarm	Attributes	Applicable major releases
Name: E1Los (3343) Type: communicationsAlarm (4) Package: equipment Raised on class: equipment.PhysicalPort	Severity: variable Implicitly cleared: true Default probable cause: E1Los (1176)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when Loss of signal is detected.		
Remedial action: Please refer LOS (Loss of Signal) in 1830 PSS Troubleshooting guide for detailed corrective action.		

Table 3-129 E1NoCRC4M

Alarm	Attributes	Applicable major releases
Name: E1NoCRC4M (3344) Type: communicationsAlarm (4) Package: equipment Raised on class: equipment.PhysicalPort	Severity: variable Implicitly cleared: true Default probable cause: E1NoCRC4M (1177)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when No CRC4 M is detected.		
Remedial action: Please refer 1830 PSS Troubleshooting guide for detailed steps for corrective action.		

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Table 3-130 E1NoCRC4MEgr

Alarm	Attributes	Applicable major releases
Name: E1NoCRC4MEgr (3345) Type: communicationsAlarm (4) Package: equipment Raised on class: equipment.PhysicalPort	Severity: variable Implicitly cleared: true Default probable cause: E1NoCRC4MEgr (1178)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when No CRC4 M Egress is detected.		
Remedial action: Please refer 1830 PSS Troubleshooting guide for detailed steps for corrective action.		

Table 3-131 E1Rai

Alarm	Attributes	Applicable major releases
Name: E1Rai (3346) Type: communicationsAlarm (4) Package: equipment Raised on class: equipment.PhysicalPort	Severity: variable Implicitly cleared: true Default probable cause: E1Rai (1179)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when E1-RAI is detected.		
Remedial action: Please refer 1830 PSS Troubleshooting guide for detailed steps for corrective action.		

Table 3-132 E1RaiEgr

Alarm	Attributes	Applicable major releases
Name: E1RaiEgr (3347) Type: communicationsAlarm (4) Package: equipment Raised on class: equipment.PhysicalPort	Severity: variable Implicitly cleared: true Default probable cause: E1RaiEgr (1180)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when E1-RAI Egress is detected.		
Remedial action: Please refer 1830 PSS Troubleshooting guide for detailed steps for corrective action.		

Table 3-133 Ebero

Alarm	Attributes	Applicable major releases
Name: Ebero (3348) Type: communicationsAlarm (4) Package: equipment Raised on class: equipment.PhysicalPort	Severity: variable Implicitly cleared: true Default probable cause: EBERO (1181) Applicable probable causes: <ul style="list-style-type: none"> • EBERO • EBER 	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when Optical supervision channel excessive BER is detected.		
Remedial action: Please refer 1830 PSS Troubleshooting guide for detailed steps for corrective action.		

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Table 3-134 EfmLossOfProtocol

Alarm	Attributes	Applicable major releases
Name: EfmLossOfProtocol (4960) Type: communicationsAlarm (4) Package: rmd Raised on class: rmd.Port	Severity: variable Implicitly cleared: true Default probable cause: RMDEfmLosP (2015)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when an EFM Loss of Protocol is detected.		
Remedial action: Please refer 1830 PSS Troubleshooting guide for detailed steps for corrective action		

Table 3-135 EfmOamAlarm

Alarm	Attributes	Applicable major releases
Name: EfmOamAlarm (4617) Type: equipmentAlarm (3) Package: ethernetequipment Raised on class: ethernetequipment.Dot3Oam	Severity: minor Implicitly cleared: true Default probable cause: EFMOAMOperationalstateOutofService (1886)	<ul style="list-style-type: none"> • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when EFM Ignore status is Enabled, and Physical port Administrative State is Down.		
Raising condition: ('Ignore EFM State' EQUAL 'true')		
Clearing condition: ('Ignore EFM State' EQUAL 'true')		
Remedial action: The alarm is raised when EFM Ignore status is Enabled, and Physical port Administrative State is Down.		

Table 3-136 EgressSSF

Alarm	Attributes	Applicable major releases
Name: EgressSSF (3958) Type: communicationsAlarm (4) Package: equipment Raised on class: equipment.PhysicalPort	Severity: variable Implicitly cleared: true Default probable cause: EgressSSF (1536)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when Egress Server Signal Failure - Client is detected.		

(1 of 2)

Alarm	Attributes	Applicable major releases
Remedial action: Please refer 1830 PSS Troubleshooting guide for detailed steps for corrective action.		

(2 of 2)

Table 3-137 EncapsulationFailure

Alarm	Attributes	Applicable major releases
Name: EncapsulationFailure (2007) Type: communicationsAlarm (4) Package: equipment Raised on class: equipment.PhysicalPort	Severity: variable Implicitly cleared: true Default probable cause: FecFail (990)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when Encapsulation FEC mode failure is detected.		
Remedial action: Please refer 1830 PSS Troubleshooting guide for detailed steps for corrective action.		

Table 3-138 EnvInput1Active

Alarm	Attributes	Applicable major releases
Name: EnvInput1Active (4471) Type: environmentalAlarm (2) Package: equipment Raised on class: equipment.CardSlot	Severity: variable Implicitly cleared: true Default probable cause: EnvInput1Active (1689)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when Environmental Input 1 active is detected.		
Remedial action: 1. Define the environmental input defined by using one of the following commands: CLI config alm WEBUI Select Reports > Alarm List >Total.		

Table 3-139 EnvInput2Active

Alarm	Attributes	Applicable major releases
Name: EnvInput2Active (4472) Type: environmentalAlarm (2) Package: equipment Raised on class: equipment.CardSlot	Severity: variable Implicitly cleared: true Default probable cause: EnvInput2Active (1690)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when Environmental Input 2 active is detected.		
Remedial action: 1. Define the environmental input defined by using one of the following commands: CLI config alm WEBUI Select Reports > Alarm List >Total.		

Table 3-140 EnvInput3Active

Alarm	Attributes	Applicable major releases
Name: EnvInput3Active (4473) Type: environmentalAlarm (2) Package: equipment Raised on class: equipment.CardSlot	Severity: variable Implicitly cleared: true Default probable cause: EnvInput3Active (1691)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when Environmental Input 3 active is detected.		
Remedial action: 1. Define the environmental input defined by using one of the following commands: CLI config alm WEBUI Select Reports > Alarm List >Total.		

Table 3-141 EnvInput4Active

Alarm	Attributes	Applicable major releases
Name: EnvInput4Active (4474) Type: environmentalAlarm (2) Package: equipment Raised on class: equipment.CardSlot	Severity: variable Implicitly cleared: true Default probable cause: EnvInput4Active (1692)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when Environmental Input 4 active is detected.		
Remedial action: 1. Define the environmental input defined by using one of the following commands: CLI config alm WEBUI Select Reports > Alarm List >Total.		

Table 3-142 EnvInput5Active

Alarm	Attributes	Applicable major releases
Name: EnvInput5Active (4475) Type: environmentalAlarm (2) Package: equipment Raised on class: equipment.CardSlot	Severity: variable Implicitly cleared: true Default probable cause: EnvInput5Active (1693)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when Environmental Input 5 active is detected.		
Remedial action: 1. Define the environmental input defined by using one of the following commands: CLI config alm WEBUI Select Reports > Alarm List >Total.		

Table 3-143 EnvInput6Active

Alarm	Attributes	Applicable major releases
Name: EnvInput6Active (4476) Type: environmentalAlarm (2) Package: equipment Raised on class: equipment.CardSlot	Severity: variable Implicitly cleared: true Default probable cause: EnvInput6Active (1694)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when Environmental Input 6 active is detected.		
Remedial action: 1. Define the environmental input defined by using one of the following commands: CLI config alm WEBUI Select Reports > Alarm List >Total.		

Table 3-144 EnvInput7Active

Alarm	Attributes	Applicable major releases
Name: EnvInput7Active (4477) Type: environmentalAlarm (2) Package: equipment Raised on class: equipment.CardSlot	Severity: variable Implicitly cleared: true Default probable cause: EnvInput7Active (1695)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when Environmental Input 7 active is detected.		
Remedial action: 1. Define the environmental input defined by using one of the following commands: CLI config alm WEBUI Select Reports > Alarm List >Total.		

Table 3-145 EnvInput8Active

Alarm	Attributes	Applicable major releases
Name: EnvInput8Active (4478) Type: environmentalAlarm (2) Package: equipment Raised on class: equipment.CardSlot	Severity: variable Implicitly cleared: true Default probable cause: EnvInput8Active (1696)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when Environmental Input 8 active is detected.		
Remedial action: 1. Define the environmental input defined by using one of the following commands: CLI config alm WEBUI Select Reports > Alarm List >Total.		

Table 3-146 EptUploadErr

Alarm	Attributes	Applicable major releases
Name: EptUploadErr (5565) Type: communicationsAlarm (4) Package: netw Raised on class: netw.NetworkElement	Severity: variable Implicitly cleared: true Default probable cause: EptUploadErr (2296)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when file upload to EPT failed.		
Remedial action: Please refer 1830 PSS Troubleshooting guide for detailed steps for corrective action.		

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Table 3-147 EQPTCRYPTO

Alarm	Attributes	Applicable major releases
Name: EQPTCRYPTO (4916) Type: configurationAlarm (11) Package: equipment Raised on class: equipment.CardSlot	Severity: variable Implicitly cleared: true Default probable cause: EQPTCRYPTO (1972)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when Card failure - crypto .		
Remedial action: Please refer 1830 PSS Troubleshooting guide for detailed steps for corrective action.		

Table 3-148 EqptDgrOch

Alarm	Attributes	Applicable major releases
Name: EqptDgrOch (3349) Type: communicationsAlarm (4) Package: equipment Raised on class: equipment.PhysicalPort	Severity: variable Implicitly cleared: true Default probable cause: EqptDgrOch (1182)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when Port degrade - wavelength tracker communication failure is detected.		
Remedial action: This alarm is related to Port Degrade - Wavelength Tracker Communication Failure.1. Perform a warm reset of the card. 2. Perform a cold reset of the card. 3. Resett the card.4. Replace the card.		

Table 3-149 EqptDgrOchOut

Alarm	Attributes	Applicable major releases
Name: EqptDgrOchOut (3350) Type: communicationsAlarm (4) Package: equipment Raised on class: equipment.PhysicalPort	Severity: variable Implicitly cleared: true Default probable cause: EqptDgrOchOut (1183)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when Port degrade - wavelength tracker communication failure is detected.		
Remedial action: This alarm is related to Port Degrade - Wavelength Tracker Communication Failure.1. Perform a warm reset of the card. 2. Perform a cold reset of the card. 3. Reset the card.4. Replace the card.		

Table 3-150 EqptPort

Alarm	Attributes	Applicable major releases
Name: EqptPort (3351) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.PhysicalPort	Severity: variable Implicitly cleared: true Default probable cause: EqptPort (1184)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when Port failure - device is detected.		
Remedial action: 1. Perform a warm reset of the card.2. Perform a cold reset of the card.3. Reset the card.4. Remove the pluggable module from the port on the card it is inserted in. Examine the connector on the pluggable module and the receptacle connector on the card where the pluggable module plugs into for any damage. If no damage is seen, reinsert the pluggable module into its port.5. Remove and replace the pluggable module with another unit of the same type, being careful with the connected fiber jumpers. Refer to Replacing an SFP Module in 1830 PSS Troubleshooting guide.6. Replace the card.		

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Table 3-151 EquipmentAdministrativelyDown

Alarm	Attributes	Applicable major releases
Name: EquipmentAdministrativelyDown (455) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.Equipment	Severity: minor Implicitly cleared: true Default probable cause: equipmentAdministrativelyDown (326)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when the compositeEquipmentState attribute has a value of equipmentAdministrativelyDown.		
Raising condition: ('compositeEquipmentState' EQUAL 'Admin Down')		
Clearing condition: ('compositeEquipmentState' NOT EQUAL 'Admin Down')		
Remedial action: Informational - no corrective action required.		

Table 3-152 EquipmentDegraded

Alarm	Attributes	Applicable major releases
Name: EquipmentDegraded (604) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.FanTray	Severity: minor Implicitly cleared: true Default probable cause: singleFanFailure (450)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when a single fan fails. The chassis attempts to continue operating within the normal temperature range using only the remaining fans.		
Raising condition: ('Device State' EQUAL 'MinorFailure')		
Clearing condition: ('Device State' NOT EQUAL 'MinorFailure')		
Remedial action: The failed fan unit should be replaced.		

Table 3-153 EquipmentDown

Alarm	Attributes	Applicable major releases
Name: EquipmentDown (10) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.Equipment	Severity: major Implicitly cleared: true Default probable cause: inoperableEquipment (8)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when the compositeEquipmentState attribute has a value of equipmentOperationallyDown.		
Raising condition: ('compositeEquipmentState' EQUAL 'Oper Down')		
Clearing condition: ('compositeEquipmentState' NOT EQUAL 'Oper Down')		
Remedial action: This alarm indicates that a card in the NE has failed. The card must be replaced.		

Table 3-154 EquipmentFail

Alarm	Attributes	Applicable major releases
Name: EquipmentFail (4961) Type: equipmentAlarm (3) Package: rmd Raised on class: rmd.Device	Severity: variable Implicitly cleared: true Default probable cause: RmdEQF (2016)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when there is an equipment failure on the RMD Device.		
Remedial action: The failed RMD should be replaced.		

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Table 3-155 EquipmentFailure

Alarm	Attributes	Applicable major releases
Name: EquipmentFailure (145) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.ReplaceableUnit	Severity: critical Implicitly cleared: true Default probable cause: cardFailure (123)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
<p>Description: The alarm is raised when a control processor or power-supply tray reports a failure. When the object type is ControlProcessor, a CPM may be unable to boot. When the object type is Power Supply Tray and the alarm is raised during device discovery, a power-supply tray may be out of service. When the object type is a Power Supply Tray and the device is in the managed state, a power-supply tray may be out of service or the AC power shelf has a fault condition. The alarm clears when the status changes to OK.</p>		
<p>Raising condition: ('operationalState' EQUAL 'Failed')</p>		
<p>Clearing condition: ('operationalState' NOT EQUAL 'Failed')</p>		
<p>Remedial action: If the alarm indicates that the CPM card has a fault, remove the card and reset it. If this does not clear the alarm then please contact Alcatel-Lucent support for assistance. If the alarm indicates that the Power Supply tray is out of service ensure that the NE is properly connected to power. If the problem persists please contact Alcatel-Lucent support for assistance.</p>		

Table 3-156 EquipmentInTest

Alarm	Attributes	Applicable major releases
Name: EquipmentInTest (11) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.Equipment	Severity: warning Implicitly cleared: true Default probable cause: equipmentInTest (9)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
<p>Description: The alarm is raised when equipment enters a diagnostic state.</p>		
<p>Raising condition: ('compositeEquipmentState' EQUAL 'In Test')</p>		
<p>Clearing condition: ('compositeEquipmentState' NOT EQUAL 'In Test')</p>		
<p>Remedial action: Informational - no corrective action required.</p>		

Table 3-157 EquipmentMismatch

Alarm	Attributes	Applicable major releases
Name: EquipmentMismatch (9) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.Equipment	Severity: major Implicitly cleared: true Default probable cause: equipmentTypeMismatch (7)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when the compositeEquipmentState attribute has a value of equipmentMismatch.		
Raising condition: ('compositeEquipmentState' EQUAL 'Type Mismatch')		
Clearing condition: ('compositeEquipmentState' NOT EQUAL 'Type Mismatch')		
Remedial action: A configuration error has occurred which must be corrected. The card type configured for the slot identified in the alarm must match the installed card type.		

Table 3-158 EquipmentRemoved

Alarm	Attributes	Applicable major releases
Name: EquipmentRemoved (8) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.Equipment	Severity: major Implicitly cleared: true Default probable cause: replaceableEquipmentRemoved (6)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when the compositeEquipmentState attribute has a value of equipmentMissing.		
Raising condition: (((('isEquipped' EQUAL 'false') OR ('compositeEquipmentState' EQUAL 'Removed')) AND ('isEquipmentInserted' EQUAL 'true')))		
Clearing condition: (('compositeEquipmentState' NOT EQUAL 'Removed') AND ('isEquipped' EQUAL 'true'))		
Remedial action: Informational - this alarm is raised when a card is removed.		

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Table 3-159 EsCableMismatch1

Alarm	Attributes	Applicable major releases
Name: EsCableMismatch1 (5566) Type: communicationsAlarm (4) Package: netw Raised on class: netw.NetworkElement	Severity: variable Implicitly cleared: true Default probable cause: EsCableMismatch1 (2297) Applicable probable causes: <ul style="list-style-type: none"> • EsCableMismatch1 • EsCableMismatch2 • EsCableMismatch3 • EsCableMismatch4 • EsCableMismatch5 • EsCableMismatch6 • EsCableMismatch7 • EsCableMismatch8 • EsCableMismatch9 • EsCableMismatch10 • EsCableMismatch11 • EsCableMismatch12 • EsCableMismatch13 • EsCableMismatch14 • EsCableMismatch15 • EsCableMismatch16 • EsCableMismatch17 • EsCableMismatch18 • EsCableMismatch19 • EsCableMismatch20 • EsCableMismatch21 • EsCableMismatch22 • EsCableMismatch23 • EsCableMismatch24 	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when Shelf-1 inter-shelf ES cable mismatch.		
Remedial action: Please refer 1830 PSS Troubleshooting guide for detailed steps for corrective action.		

Table 3-160 ESCLATCHFAIL

Alarm	Attributes	Applicable major releases
Name: ESCLATCHFAIL (3720) Type: communicationsAlarm (4) Package: equipment Raised on class: equipment.PhysicalPort	Severity: variable Implicitly cleared: true Default probable cause: ESCLATCHFAIL (1458)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0

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Alarm	Attributes	Applicable major releases
Description: The alarm is raised when Channel attempted escape from latchup routine failed is detected.		
Remedial action: 1 Check the add or mesh path fibering of the channel for misfibering, kinks or disconnections.2 Check for possible pack failures along the mesh or add paths. If there are any alarms raised, troubleshoot them before continuing with this procedure.3 Perform a Path Power Trace to determine where any possible losses may be occurring.4 Verify that the ingress LD is admin up and is functioning properly. Perform a warm reset of the card if necessary.5 Verify that the CWR8-88, CWR8 or WR8-88A is admin up and functioning properly. If not, perform a warm reset of the card.6 If the alarm is still present, manually set the WSS controller attenuation value by configuring a value at the Sig Out port to set the WSS controller to a more useful attenuation value.7 Once the alarm is cleared, trigger an egress adjustment to optimize the channel powers and Perform a cold reset of the card.8 If the alarm is still present, then provision the NE to the original power settings and then run an egress adjustment.		

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Table 3-161 ESM

Alarm	Attributes	Applicable major releases
Name: ESM (4400) Type: communicationsAlarm (4) Package: equipment Raised on class: equipment.PhysicalPort	Severity: variable Implicitly cleared: true Default probable cause: ESM (1577)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when Encryption State Mismatch is detected.		
Remedial action: Please refer 1830 PSS Troubleshooting guide for detailed steps for corrective action.		

Table 3-162 EthCSF

Alarm	Attributes	Applicable major releases
Name: EthCSF (3721) Type: oamAlarm (18) Package: ethernetoam Raised on class: ethernetoam.Mep	Severity: variable Implicitly cleared: true Default probable cause: EthCSF (1459)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when a MEP receives a CCM frame with an interface status TLV of 'Down'.		
Remedial action: This alarm is raised when a MEP receives a CCM frame with an interface status TLV of Down.		

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Table 3-163 EthernetLinkDown

Alarm	Attributes	Applicable major releases
Name: EthernetLinkDown (2009) Type: communicationsAlarm (4) Package: equipment Raised on class: equipment.PhysicalPort	Severity: variable Implicitly cleared: true Default probable cause: Net (1697) Applicable probable causes: <ul style="list-style-type: none"> • Net • LinkDown • NetCraft 	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when Data Link down is detected.		
Remedial action: This may be caused by the following reasons:1. Damaged or dirty fiber connected to the far-end client equipment receiver.2. Damaged or dirty transmitter inside pluggable module on the far end.3. Problem at the client equipment connected to the far-end OT		

Table 3-164 EthernetPortConfiguredLoopback

Alarm	Attributes	Applicable major releases
Name: EthernetPortConfiguredLoopback (801) Type: configurationAlarm (11) Package: ethernetequipment Raised on class: ethernetequipment.EthernetPortSpecifics	Severity: warning Implicitly cleared: true Default probable cause: ethernetPortConfiguredLoopback (567)	<ul style="list-style-type: none"> • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when a timed loopback is in effect for an Ethernet port.		
Raising condition: (('Type' NOT EQUAL 'None'))		
Clearing condition: (('Type' EQUAL 'None'))		
Remedial action: This alarm has been raised by the node because "Timed Loopback" option of the specific port's Ethernet property has been enabled. To resolve this problem from "Ethernet" tab of "Physical Port" properties form configure "Timed Loopback" Type property as "None".		

Table 3-165 EthernetPortDuplicateLane

Alarm	Attributes	Applicable major releases
Name: EthernetPortDuplicateLane (3557) Type: communicationsAlarm (4) Package: ethernetequipment Raised on class: ethernetequipment.EthernetPortSpecifics	Severity: major Implicitly cleared: true Default probable cause: DuplicateLane (1387)	<ul style="list-style-type: none"> • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when a device reports a Duplicate Lane on an Ethernet port.		

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Alarm	Attributes	Applicable major releases
Raising condition: (('Outstanding Alarms'anyBit'Duplicate Lane') AND ('Report Alarms'anyBit'Duplicate Lane'))		
Clearing condition: NOT (('Outstanding Alarms'anyBit'Duplicate Lane') AND ('Report Alarms'anyBit'Duplicate Lane'))		
Remedial action: One of the following conditions exists on the referenced physical interface which must be corrected. A cable/fiber fault exists which must be corrected - check to ensure that the cable is not faulty and is properly connected. The port is faulty - run diagnostics on the port to determine the nature of the fault. If the problem cannot be resolved swap the card containing the port with a card which is known be functional.		

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Table 3-166 EthernetPortHighBer

Alarm	Attributes	Applicable major releases
Name: EthernetPortHighBer (307) Type: communicationsAlarm (4) Package: ethernetequipment Raised on class: ethernetequipment.EthernetPortSpecifics	Severity: major Implicitly cleared: true Default probable cause: HighBer (238)	<ul style="list-style-type: none"> • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when a device reports a high bit-error rate on an Ethernet port.		
Raising condition: (('Outstanding Alarms'anyBit'High Bit Error Rate') AND ('Report Alarms'anyBit'High Bit Error Rate'))		
Clearing condition: NOT (('Outstanding Alarms'anyBit'High Bit Error Rate') AND ('Report Alarms'anyBit'High Bit Error Rate'))		
Remedial action: One of the following conditions exists on the physical interface which must be corrected. A cable/fiber fault exists which must be corrected - check to ensure that the cable is not faulty and is properly connected. The port is faulty - run diagnostics on the port to determine the nature of the fault.		

Table 3-167 EthernetPortLocalFault

Alarm	Attributes	Applicable major releases
Name: EthernetPortLocalFault (305) Type: communicationsAlarm (4) Package: ethernetequipment Raised on class: ethernetequipment.EthernetPortSpecifics	Severity: major Implicitly cleared: true Default probable cause: LocalFault (236)	<ul style="list-style-type: none"> • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when a device reports a local fault on an Ethernet port.		
Raising condition: (('Outstanding Alarms'anyBit'Local Fault') AND ('Report Alarms'anyBit'Local Fault'))		
Clearing condition: NOT (('Outstanding Alarms'anyBit'Local Fault') AND ('Report Alarms'anyBit'Local Fault'))		
Remedial action: One of the following conditions exists on the physical interface which must be corrected. A cable/fiber fault exists which must be corrected - check to ensure that the cable is not faulty and is properly connected. The port is faulty - run diagnostics on the port to determine the nature of the fault.		

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Table 3-168 EthernetPortNoAmLock

Alarm	Attributes	Applicable major releases
Name: EthernetPortNoAmLock (3558) Type: communicationsAlarm (4) Package: ethernetequipment Raised on class: ethernetequipment.EthernetPortSpecifics	Severity: major Implicitly cleared: true Default probable cause: NoAmLock (1388)	<ul style="list-style-type: none"> • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when a device reports a No Am Lock on an Ethernet port.		
Raising condition: (('Outstanding Alarms'anyBit'No AM Lock') AND ('Report Alarms'anyBit'No AM Lock'))		
Clearing condition: NOT (('Outstanding Alarms'anyBit'No AM Lock') AND ('Report Alarms'anyBit'No AM Lock'))		
Remedial action: One of the following conditions exists on the referenced physical interface which must be corrected. A cable/fiber fault exists which must be corrected - check to ensure that the cable is not faulty and is properly connected. The port is faulty - run diagnostics on the port to determine the nature of the fault. If the problem cannot be resolved swap the card containing the port with a card which is known be functional.		

Table 3-169 EthernetPortNoBlockLock

Alarm	Attributes	Applicable major releases
Name: EthernetPortNoBlockLock (3559) Type: communicationsAlarm (4) Package: ethernetequipment Raised on class: ethernetequipment.EthernetPortSpecifics	Severity: major Implicitly cleared: true Default probable cause: NoBlockLock (1389)	<ul style="list-style-type: none"> • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when a device reports a No Block Lock on an Ethernet port.		
Raising condition: (('Outstanding Alarms'anyBit'No Block Lock') AND ('Report Alarms'anyBit'No Block Lock'))		
Clearing condition: NOT (('Outstanding Alarms'anyBit'No Block Lock') AND ('Report Alarms'anyBit'No Block Lock'))		
Remedial action: One of the following conditions exists on the referenced physical interface which must be corrected. A cable/fiber fault exists which must be corrected - check to ensure that the cable is not faulty and is properly connected. The port is faulty - run diagnostics on the port to determine the nature of the fault. If the problem cannot be resolved swap the card containing the port with a card which is known be functional.		

Table 3-170 EthernetPortNoFrameLock

Alarm	Attributes	Applicable major releases
Name: EthernetPortNoFrameLock (306) Type: communicationsAlarm (4) Package: ethernetequipment Raised on class: ethernetequipment.EthernetPortSpecifics	Severity: major Implicitly cleared: true Default probable cause: NoFrameLock (237)	<ul style="list-style-type: none"> • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when a device reports No Frame Lock on an Ethernet port.		

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Alarm	Attributes	Applicable major releases
Raising condition: (('Outstanding Alarms'anyBit'No Frame Lock') AND ('Report Alarms'anyBit'No Frame Lock'))		
Clearing condition: NOT (('Outstanding Alarms'anyBit'No Frame Lock') AND ('Report Alarms'anyBit'No Frame Lock'))		
Remedial action: One of the following conditions exists on the physical interface which must be corrected. A cable/fiber fault exists which must be corrected - check to ensure that the cable is not faulty and is properly connected. The port is faulty - run diagnostics on the port to determine the nature of the fault.		

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Table 3-171 EthernetPortRemoteFault

Alarm	Attributes	Applicable major releases
Name: EthernetPortRemoteFault (304) Type: communicationsAlarm (4) Package: ethernetequipment Raised on class: ethernetequipment.EthernetPortSpecifics	Severity: major Implicitly cleared: true Default probable cause: RemoteFault (235)	<ul style="list-style-type: none"> • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when a device reports a remote fault on an Ethernet port.		
Raising condition: (('Outstanding Alarms'anyBit'Remote Fault') AND ('Report Alarms'anyBit'Remote Fault'))		
Clearing condition: NOT (('Outstanding Alarms'anyBit'Remote Fault') AND ('Report Alarms'anyBit'Remote Fault'))		
Remedial action: One of the following conditions exists on the remote physical interface which must be corrected. A cable/fiber fault exists which must be corrected - check to ensure that the cable is not faulty and is properly connected. The port is faulty - run diagnostics on the port to determine the nature of the fault.		

Table 3-172 EthernetPortSignalFailure

Alarm	Attributes	Applicable major releases
Name: EthernetPortSignalFailure (303) Type: communicationsAlarm (4) Package: ethernetequipment Raised on class: ethernetequipment.EthernetPortSpecifics	Severity: major Implicitly cleared: true Default probable cause: SignalFailure (234)	<ul style="list-style-type: none"> • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when a device reports a signal failure on an Ethernet port.		
Raising condition: (('Outstanding Alarms'anyBit'Signal Failure') AND ('Report Alarms'anyBit'Signal Failure'))		
Clearing condition: NOT (('Outstanding Alarms'anyBit'Signal Failure') AND ('Report Alarms'anyBit'Signal Failure'))		
Remedial action: One of the following conditions exists on the physical interface which must be corrected. A cable/fiber fault exists which must be corrected - check to ensure that the cable is not faulty and is properly connected. The port is faulty - run diagnostics on the port to determine the nature of the fault.		

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Table 3-173 EtrMismatch

Alarm	Attributes	Applicable major releases
Name: EtrMismatch (4479) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.CardSlot	Severity: variable Implicitly cleared: true Default probable cause: ETRMISMATCH (1699)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when Extended temperature range violation:non-ETR card is detected.		
Remedial action: 1 CLI configure general ETR disabled WEBUI Select System on Equipment Tree, and the System Properties window is displayed. De-select (uncheck) the ETR Validation Enabled field.		

Table 3-174 EtrMismatchMod

Alarm	Attributes	Applicable major releases
Name: EtrMismatchMod (3353) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.PhysicalPort	Severity: variable Implicitly cleared: true Default probable cause: ETRMISMATCHMOD (1186)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when Extended temperature range violation:non-ETR Pluggable Module is detected.		
Remedial action: No corrective action is required. This is a normal message. Refer ETR-MISMATCHMOD (Extended Temp Range Violation: non-ETR Pluggable Module) in 1830 PSS Troubleshooting guide for details.		

Table 3-175 ExcessiveCurrentLoad

Alarm	Attributes	Applicable major releases
Name: ExcessiveCurrentLoad (2011) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.CardSlot	Severity: variable Implicitly cleared: true Default probable cause: ExcessLoad (994)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when Excessive Current Load is detected.		
Remedial action: At the end of each step wait to see if the fault clears. If not, continue with the next step.1. Remove the pack that is reporting the alarm.2. Do one of the following:Remove load to a level below the capacity of the provisioned power entry cards, or Upgrade the power filters to a higher current capacity (if the supply wiring is sufficiently rated for the current).3. Reprovision the shelf capacity attribute (EXPECTED_AMPS) with the new value.		

Table 3-176 ExcessLoss

Alarm	Attributes	Applicable major releases
Name: ExcessLoss (3354) Type: communicationsAlarm (4) Package: equipment Raised on class: equipment.PhysicalPort	Severity: variable Implicitly cleared: true Default probable cause: ExcessLoss (1187)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when Fiber connection loss too high is detected.		
Remedial action: 1. Clean or replace fiber, if necessary.		

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Table 3-177 FAN32HRQD

Alarm	Attributes	Applicable major releases
Name: FAN32HRQD (5440) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.CardSlot	Severity: variable Implicitly cleared: true Default probable cause: FAN32HRQD (2141)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when Require high speed fan (FANH in PSS32) inserted on shelf .		
Remedial action: Please refer 1830 PSS Troubleshooting guide for detailed steps for corrective action.		

Table 3-178 FanFailure

Alarm	Attributes	Applicable major releases
Name: FanFailure (624) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.FanTray	Severity: critical Implicitly cleared: true Default probable cause: fanFailure (116)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when the associated fan is not operationally Up.		
Raising condition: (('Device State' EQUAL 'Failed') OR ('Device State' EQUAL 'Unknown') OR ('Device State' EQUAL 'OutOfservice'))		
Clearing condition: ('Device State' EQUAL 'OK')		
Remedial action: Remove and reset the fan unit. If this does not resolve the problem replace the fan.		

Table 3-179 FanSpeedHigh

Alarm	Attributes	Applicable major releases
Name: FanSpeedHigh (3356) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.CardSlot	Severity: variable Implicitly cleared: true Default probable cause: FanSpeedHigh (1189)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when Fan speed is too high is detected.		
Remedial action: 1. Check for fan obstruction, and clear.2. Reset the fan tray.3. If no problems are found, replace the fan tray.		

Table 3-180 FanSpeedLow

Alarm	Attributes	Applicable major releases
Name: FanSpeedLow (3357) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.CardSlot	Severity: variable Implicitly cleared: true Default probable cause: FanSpeedLow (1190)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when Fan speed is too low is detected.		
Remedial action: 1. Check for airflow blockage or a dirty filter, and clear.2. If no problems are found, replace the fan tray.		

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Table 3-181 FanSpeedManuallySetMaximum

Alarm	Attributes	Applicable major releases
Name: FanSpeedManuallySetMaximum (4480) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.CardSlot	Severity: variable Implicitly cleared: true Default probable cause: FanSpeedMan (995)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when Fan speed manually set to maximum is detected.		
Remedial action: 1. Set the fanspeed parameter to the Normal setting. CLI config fan normal WEBUI Select the Provision/Info button, and view the Details tab. On the Card Properties window, select Normal in the Fan Speed field and click Submit.		

Table 3-182 FanTrayRemoved

Alarm	Attributes	Applicable major releases
Name: FanTrayRemoved (569) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.FanTray	Severity: critical Implicitly cleared: true Default probable cause: FanTrayRemoved (438)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when the deviceState attribute has a value of deviceNotEquipped.		
Raising condition: ('Device State' EQUAL 'Not Equipped')		
Clearing condition: ('Device State' NOT EQUAL 'Not Equipped')		
Remedial action: Informational - a fan tray has been removed from the NE.		

Table 3-183 FarEndLfi

Alarm	Attributes	Applicable major releases
Name: FarEndLfi (4481) Type: communicationsAlarm (4) Package: equipment Raised on class: equipment.PhysicalPort	Severity: variable Implicitly cleared: true Default probable cause: FeLfi (1700)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when Far End Local Fault is detected.		
Remedial action: 1 Locate the Far end client OT.2 Proceed with the procedure for clearing LANLFI (see Procedure : Clear LAN Local Fault Indicator.		

Table 3-184 FarEndLos

Alarm	Attributes	Applicable major releases
Name: FarEndLos (2016) Type: communicationsAlarm (4) Package: equipment Raised on class: equipment.PhysicalPort	Severity: variable Implicitly cleared: true Default probable cause: FarEndLOS (1701)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when Far End Loss of Signal is detected.		
Remedial action: This procedure details the corrective action for clearing FELANLOS against the OT port.1. Locate far end client OT.2. Perform the steps in the procedure LANLOS see PSS Troubleshooting guide for detailed steps.		

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Table 3-185 FarEndLossOfSignal

Alarm	Attributes	Applicable major releases
Name: FarEndLossOfSignal (2017) Type: communicationsAlarm (4) Package: equipment Raised on class: equipment.PhysicalPort	Severity: variable Implicitly cleared: true Default probable cause: FeLos (1702)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when Far End Loss of Signal is detected.		
Remedial action: This procedure details the corrective action for clearing FELANLOS against the OT port.1. Locate far end client OT.2. Perform the steps in the procedure LANLOS see PSS Troubleshooting guide for detailed steps.		

Table 3-186 FarEndLossOfSynchronization

Alarm	Attributes	Applicable major releases
Name: FarEndLossOfSynchronization (4482) Type: communicationsAlarm (4) Package: equipment Raised on class: equipment.PhysicalPort	Severity: variable Implicitly cleared: true Default probable cause: FeLss (1703)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when Far End Loss of Synchronization is detected.		
Remedial action: Please refer 1830 PSS Troubleshooting guide for detailed steps for corrective action.		

Table 3-187 FarEndPortMismatch

Alarm	Attributes	Applicable major releases
Name: FarEndPortMismatch (4483) Type: communicationsAlarm (4) Package: equipment Raised on class: equipment.PhysicalPort	Severity: variable Implicitly cleared: true Default probable cause: FePortMismatch (1704)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when Far End Port Mapping Mismatch is detected.		
Remedial action: 1 Identify the two ports in the protection group at the near end, and the two ports at the far end.2 Provision the near end and far end ports with the same signal rate and format.3 Provision the timeslot assignments so that the same ports are used at both ends. For example, the near end port C3 must be connected to far end port C3.		

Table 3-188 FarEndRfi

Alarm	Attributes	Applicable major releases
Name: FarEndRfi (4484) Type: communicationsAlarm (4) Package: equipment Raised on class: equipment.PhysicalPort	Severity: variable Implicitly cleared: true Default probable cause: FeRfi (1705)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when Far End Remote Fault is detected.		
Remedial action: 1 Locate far end client OT.2 Perform the steps in the procedure Procedure : Clear Remote Fault.3 Proceed with the procedure for clearing LANLFI (see Procedure : Clear LAN Local Fault Indicator).		

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Table 3-189 Faulty

Alarm	Attributes	Applicable major releases
Name: Faulty (3960) Type: communicationsAlarm (4) Package: ptp Raised on class: ptp.IEEEPTPport	Severity: variable Implicitly cleared: true Default probable cause: Faulty (1538)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when PTP port faulty is detected.		
Remedial action: Please refer 1830 PSS Troubleshooting guide for detailed steps for corrective action.		

Table 3-190 FDI

Alarm	Attributes	Applicable major releases
Name: FDI (3355) Type: communicationsAlarm (4) Package: equipment Raised on class: equipment.PhysicalPort	Severity: variable Implicitly cleared: true Default probable cause: FDI (1188)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when Forward Defect Indication - ODU is detected.		
Remedial action: 1 Check the alarms/conditions along the ODU transmission path.2 Identify the Line alarms in the middle ADM nodes or regenerations nodes (OTU2 LOS,OTU2 LOF).3 Follow the procedure for clearing the identified alarm/condition.4 Refresh the list of current alarms, and check whether the Forward Defect Indication alarm detected on the ODU alarm has cleared.		

Table 3-191 FDICLT

Alarm	Attributes	Applicable major releases
Name: FDICLT (3959) Type: communicationsAlarm (4) Package: equipment Raised on class: equipment.PhysicalPort	Severity: variable Implicitly cleared: true Default probable cause: FDICLT (1537)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when Forward Defect Indication-Client Failure is detected.		
Remedial action: Proceed to Procedure - Clear Forward Defect Indication - Client Failure in 1830 PSS Troubleshooting guide.		

Table 3-192 FeasibilityViolation

Alarm	Attributes	Applicable major releases
Name: FeasibilityViolation (5567) Type: communicationsAlarm (4) Package: netw Raised on class: netw.NetworkElement	Severity: variable Implicitly cleared: true Default probable cause: FeasibilityViolation (2321)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when optical feasibility violation.		
Remedial action: Please refer 1830 PSS Troubleshooting guide for detailed steps for corrective action.		

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Table 3-193 FecEcSignalDegrade

Alarm	Attributes	Applicable major releases
Name: FecEcSignalDegrade (2021) Type: communicationsAlarm (4) Package: equipment Raised on class: equipment.PhysicalPort	Severity: variable Implicitly cleared: true Default probable cause: FecEcSd (1706)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when PreFEC Signal Degrade is detected.		
Remedial action: 1. Perform the procedure, DEG (See Troubleshootingguide for details (p. 2-88). Because it is FEC corrected BER, it does not affect service unless another alarm exists on the port. This procedure details the corrective action for a DEG against the OT port. At the end of each step wait to see if the fault clears. If not, continue with the next step.1. Clean the input fiber at the receiver, and check if the input power is within the specified range.2. If it does not clear the alarm, check if there is any power management or optical channel alarm reported on the link. Perform the corrective action for clearing these alarms on the link. 3. Measure the optical signal noise ratio (OSNR) with at the received amplifier with an optical spectrum analyzer. Check if the OSNR is within the range specified by the EPT.Perform the actions to improve the system OSNR. 4. For 40G and 100G coherent cards only: Retrieve the monitoring values for chromatic dispersion (CD), Differential Group Delay (DGD), and Frequency offset. Check if the values are in the normal range. If not, perform the actions to optimize the optical link.		

Table 3-194 FecUbcSignalDegrade

Alarm	Attributes	Applicable major releases
Name: FecUbcSignalDegrade (3358) Type: communicationsAlarm (4) Package: equipment Raised on class: equipment.PhysicalPort	Severity: variable Implicitly cleared: true Default probable cause: fecUbcSd (1191)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when PostFEC Signal Degrade is detected.		
Remedial action: This procedure details the corrective action for an FECUBCSD against the OT port. At the end of each step wait to see if the fault clears. If it does not, go to the next step.1. Clean the input fiber at the receiver, and check if the input power is within the specified range.2. Check if there is any power management or optical channel alarm reported on the link. Perform the corrective action for clearing these alarms on the link.3. Measure the optical signal noise ratio (OSNR) with at the received amplifier with an optical spectrum analyzer. Check if the OSNR is within the range specified by the EPT. Perform the actions to improve the system OSNR.		

Table 3-195 FipsFailure

Alarm	Attributes	Applicable major releases
Name: FipsFailure (5444) Type: communicationsAlarm (4) Package: equipment Raised on class: equipment.PhysicalPort	Severity: variable Implicitly cleared: true Default probable cause: FipsFailure (2154)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when FIPS Selftest Squelch .		
Remedial action: Please refer 1830 PSS Troubleshooting guide for detailed steps for corrective action.		

Table 3-196 FipsSwMismatch

Alarm	Attributes	Applicable major releases
Name: FipsSwMismatch (4918) Type: configurationAlarm (11) Package: equipment Raised on class: equipment.CardSlot	Severity: variable Implicitly cleared: true Default probable cause: FipsSwMismatch (1974)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when FIPS Software version mismatch .		
Remedial action: Please refer 1830 PSS Troubleshooting guide for detailed steps for corrective action.		

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Table 3-197 FirmwarePendingObsolete

Alarm	Attributes	Applicable major releases
Name: FirmwarePendingObsolete (2022) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.CardSlot	Severity: variable Implicitly cleared: true Default probable cause: FwPendingObsolete (1005)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when Provisioned firmware will be obsolete after sw upgrade is detected.		
Remedial action: The FWPENDINGOBSOLETE condition is raised against any pack which would be running an obsolete firmware bundle version after the software release upgrade. Provision a firmware bundle that will be valid after software upgrade or provision the default firmware bundle for the card.2. Contact your next level of support.		

Table 3-198 FirmwareUpgradePending

Alarm	Attributes	Applicable major releases
Name: FirmwareUpgradePending (2023) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.CardSlot	Severity: variable Implicitly cleared: true Default probable cause: FwUpgradePending (1006)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when Firmware upgrade pending is detected.		
Remedial action: 1. To initiate a cold reset to download the recommended firmware version for the affected pack, perform a cold reset of the card. CLI config card card_type shelf slot reset cold WEBUI Select the card, click the Reboot tab, select Cold Reboot >Submit. Note: Refer to Caution at the beginning of this procedure.2. Contact your next level of support.		

Table 3-199 FirmwareVersionNotDefault

Alarm	Attributes	Applicable major releases
Name: FirmwareVersionNotDefault (2024) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.CardSlot	Severity: variable Implicitly cleared: true Default probable cause: FwVersionNotDefault (1007)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when Firmware loaded is not the preferred version is detected.		
Remedial action: 1. Check that the default firmware bundle is provisioned for the card.2. If the default firmware bundle is not provisioned in the previous step, then provision the default firmware bundle for the card.3. Perform a cold reset of the card.4. Contact your next level of support.		

Table 3-200 ForwardingTableSizeLimitReached

Alarm	Attributes	Applicable major releases
Name: ForwardingTableSizeLimitReached (164) Type: resourceAlarm (28) Package: I2fwd Raised on class: I2fwd.SiteFib	Severity: major Implicitly cleared: true Default probable cause: resourceLimitReached (131)	<ul style="list-style-type: none"> • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when the number of MAC address entries in the FIB reaches or exceeds the VPLS site high watermark specified by I2fwd.SiteFib.highWatermark. The alarm clears when the number of MAC address entries in the FIB drops below the VPLS site low watermark specified by I2fwd.SiteFib.lowWatermark. The alarm can be raised against a VPLS site, L2 access interface, or spoke SDP binding.		
Raising condition: (('Entries' >= 'Size') OR ('Entries' >= (('High Watermark' * 'Size') / 100.0)))"		
Clearing condition: (('Entries' < 'Size') AND (('High Watermark' EQUAL '0L') OR ('Entries' < (('Low Watermark' * 'Size') / 100.0))) AND (('Low Watermark' EQUAL '0L') OR ('Entries' < (('Low Watermark' * 'Size') / 100.0)))		
Remedial action: Informational		

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Table 3-201 FpgaFail

Alarm	Attributes	Applicable major releases
Name: FpgaFail (4485) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.CardSlot	Severity: variable Implicitly cleared: true Default probable cause: FPGAFAIL (1707)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when FPGA download failure is detected.		
Remedial action: 1 Perform a warm reset on the card where the FPGAFAIL condition is raised. For CLI config card card type shelf slot reset warm. For WEBUI Select the card, click the Reboot tab, select Warm Reboot >Submit. 2 Contact your next level of support.		

Table 3-202 FPGAFAILNSA

Alarm	Attributes	Applicable major releases
Name: FPGAFAILNSA (5441) Type: communicationsAlarm (4) Package: equipment Raised on class: equipment.CardSlot	Severity: variable Implicitly cleared: true Default probable cause: FPGAFAILNSA (2142)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when FPGA download failure - NSA .		
Remedial action: Please refer 1830 PSS Troubleshooting guide for detailed steps for corrective action.		

Table 3-203 Fpgalnit

Alarm	Attributes	Applicable major releases
Name: Fpgalnit (4486) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.CardSlot	Severity: variable Implicitly cleared: true Default probable cause: FPGAINIT1 (1975) Applicable probable causes: <ul style="list-style-type: none"> • FPGAINIT1 • FPGAINIT2 • FPGAINIT3 • FPGAINIT4 • FPGAINIT5 • FPGAINIT6 • FPGAINIT7 • FPGAINIT8 • FPGAINIT9 • FPGAINIT10 	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when FPGA initializing is detected.		
Remedial action: 1. No steps are required to clear the FPGAINIT alarm. Some FPGA programming steps can take as long as 45 minutes. Monitor progress using one of the following commands: CLI show firmware upgrade WEBUI Select Reports > Firmware.		

Table 3-204 FPGAINITNSA1

Alarm	Attributes	Applicable major releases
Name: FPGAINITNSA1 (5442) Type: communicationsAlarm (4) Package: equipment Raised on class: equipment.CardSlot	Severity: variable Implicitly cleared: true Default probable cause: FPGAINITNSA1 (2143) Applicable probable causes: <ul style="list-style-type: none"> • FPGAINITNSA1 • FPGAINITNSA2 • FPGAINITNSA3 • FPGAINITNSA4 • FPGAINITNSA5 • FPGAINITNSA6 • FPGAINITNSA7 • FPGAINITNSA8 • FPGAINITNSA9 • FPGAINITNSA10 	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when FPGA 1 initializing - NSA .		
Remedial action: Please refer 1830 PSS Troubleshooting guide for detailed steps for corrective action.		

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Table 3-205 FPGAPRELOAD

Alarm	Attributes	Applicable major releases
Name: FPGAPRELOAD (4917) Type: configurationAlarm (11) Package: equipment Raised on class: equipment.CardSlot	Severity: variable Implicitly cleared: true Default probable cause: FPGAPRELOAD (1973)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when Preloading portgroup FPGAs .		
Remedial action: Please refer 1830 PSS Troubleshooting guide for detailed steps for corrective action.		

Table 3-206 FpgaTimeout

Alarm	Attributes	Applicable major releases
Name: FpgaTimeout (4487) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.CardSlot	Severity: variable Implicitly cleared: true Default probable cause: FPGATIMEOUT (1709)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when FPGA timeout is detected.		
Remedial action: 1. Perform a warm reset on the card where the FPGATIMEOUT condition is raised.		

Table 3-207 FPGATIMEOUTNSA

Alarm	Attributes	Applicable major releases
Name: FPGATIMEOUTNSA (5443) Type: communicationsAlarm (4) Package: equipment Raised on class: equipment.CardSlot	Severity: variable Implicitly cleared: true Default probable cause: FPGATIMEOUTNSA (2153)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when FPGA timeout - NSA .		
Remedial action: Please refer 1830 PSS Troubleshooting guide for detailed steps for corrective action.		

Table 3-208 FrameSizeProblem (netw)

Alarm	Attributes	Applicable major releases
Name: FrameSizeProblem (37) Type: configurationAlarm (11) Package: netw Raised on class: netw.StatefullConnectableInterface	Severity: critical Implicitly cleared: true Default probable cause: frameSizeProblem (33)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when a provisioned MTU size value is greater than the supported MTU size value.		
Raising condition: (('mtuMismatch' EQUAL 'true') AND ('portId' NOT EQUAL '0L'))		
Clearing condition: (('mtuMismatch' EQUAL 'false') OR ('portId' EQUAL '0L'))		
Remedial action: A configuration error has been made which must be corrected. The MTU value must be changed such that is less than or equal to the supported MTU size value.		

Table 3-209 FrcdSwTimRef

Alarm	Attributes	Applicable major releases
Name: FrcdSwTimRef (3922) Type: equipmentAlarm (3) Package: optical Raised on class: optical.LineReference	Severity: variable Implicitly cleared: true Default probable cause: FrcdSwTimRef (1508)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when Forced switch to a timing reference is detected.		
Remedial action: Clear force switch.		

Table 3-210 FrcdSwTimRefT4

Alarm	Attributes	Applicable major releases
Name: FrcdSwTimRefT4 (4882) Type: equipmentAlarm (3) Package: optical Raised on class: optical.LineReference	Severity: variable Implicitly cleared: true Default probable cause: FrcdSwTimRef_T4 (1946)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when T4:Forced switch to a timing reference is detected.		
Remedial action: Please refer 1830 PSS Troubleshooting guide for detailed steps for corrective action.		

Table 3-211 FRCRFCKSEL

Alarm	Attributes	Applicable major releases
Name: FRCRFCKSEL (8158) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.Shelf	Severity: variable Implicitly cleared: true Default probable cause: FRCRFCKSEL (2550)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when Reference Clock - forced switch active.		
Remedial action: Please refer 1830 PSS Troubleshooting guide for detailed steps for corrective action.		

Table 3-212 FrngSync

Alarm	Attributes	Applicable major releases
Name: FrngSync (3722) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.CardSlot	Severity: variable Implicitly cleared: true Default probable cause: FrngSync (1460)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: This alarm is raised when the system clock is in free-running mode.		
Remedial action: The alarm is raised when system clock in free running mode. Proceed to Procedure -Clear System clock is in free running synchronization mode alarm in 1830 PSS Troubleshooting guide.		

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Table 3-213 FTDEncrypt15Min

Alarm	Attributes	Applicable major releases
Name: FTDEncrypt15Min (8159) Type: qualityOfServiceAlarm (82) Package: equipment Raised on class: equipment.PhysicalPort	Severity: variable Implicitly cleared: true Default probable cause: T_FTD_ENCRYPT_15MIN (2551)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised as indication a FTD ENCRYPT Threshold Crossing detection.		
Remedial action: Please refer 1830 PSS Troubleshooting guide for detailed steps for corrective action.		

Table 3-214 FTDEncrypt1Day

Alarm	Attributes	Applicable major releases
Name: FTDEncrypt1Day (8160) Type: qualityOfServiceAlarm (82) Package: equipment Raised on class: equipment.PhysicalPort	Severity: variable Implicitly cleared: true Default probable cause: T_FTD_ENCRYPT_1DAY (2552)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised as indication a FTD ENCRYPT Threshold Crossing detection.		
Remedial action: Please refer 1830 PSS Troubleshooting guide for detailed steps for corrective action.		

Table 3-215 FwMismatch

Alarm	Attributes	Applicable major releases
Name: FwMismatch (5445) Type: communicationsAlarm (4) Package: equipment Raised on class: equipment.CardSlot	Severity: variable Implicitly cleared: true Default probable cause: FwMismatch (2155)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when Firmware version mismatch .		
Remedial action: Please refer 1830 PSS Troubleshooting guide for detailed steps for corrective action.		

Table 3-216 GaPeerDown

Alarm	Attributes	Applicable major releases
Name: GaPeerDown (3303) Type: EpcAlarm (59) Package: Iteggns Raised on class: Iteggns.GaPeer	Severity: major Implicitly cleared: true Default probable cause: EPSPeerDown (602)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when the path management state of a Ga peer changes to a state other than Up.		
Raising condition: ('Path Management State' NOT EQUAL 'Active')		
Clearing condition: ('Path Management State' EQUAL 'Active')		
Remedial action: A Ga reference point (peer) is operationally down for one of the following reasons: the underlying IP or physical interface is down, the far end peer is down or the underlying transport between this NE and the peer NE is down. To resolve the issue ensure that the IP/physical interface is up, check that the far end peer is operational and check that the underlying transport network is up.		

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Table 3-217 GfpLof

Alarm	Attributes	Applicable major releases
Name: GfpLof (5176) Type: communicationsAlarm (4) Package: equipment Raised on class: equipment.PhysicalPort	Severity: variable Implicitly cleared: true Default probable cause: GfpLof (2092)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when Loss of GFP alignment occurs.		
Remedial action: Please refer 1830 PSS Troubleshooting guide for detailed steps for corrective action.		

Table 3-218 GfpLofOut

Alarm	Attributes	Applicable major releases
Name: GfpLofOut (4488) Type: communicationsAlarm (4) Package: equipment Raised on class: equipment.PhysicalPort	Severity: variable Implicitly cleared: true Default probable cause: GfpLofOut (1710) Applicable probable causes: <ul style="list-style-type: none"> • GfpLofOut • GFPLOF 	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when Outgoing Loss of GFP alignment is detected.		
Remedial action: Refer Procedure : Clear Loss of GFP alignment in 1830 PSS Troubleshooting guide.		

Table 3-219 GfpUpm

Alarm	Attributes	Applicable major releases
Name: GfpUpm (4919) Type: communicationsAlarm (4) Package: equipment Raised on class: equipment.PhysicalPort	Severity: variable Implicitly cleared: true Default probable cause: GfpUpm (1985)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when GFP User Payload Mismatch .		
Remedial action: Please refer 1830 PSS Troubleshooting guide for detailed steps for corrective action.		

Table 3-220 HighBer

Alarm	Attributes	Applicable major releases
Name: HighBer (4489) Type: communicationsAlarm (4) Package: equipment Raised on class: equipment.PhysicalPort	Severity: variable Implicitly cleared: true Default probable cause: HiBer (1711)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when High BER is detected.		
Remedial action: 1 Retrieve power level reading on the local OT port.2 Clean the fiber.3 If cleaning the fiber does not clear the problem, replace the fiber.4 If the power level is within the operating range, check for pluggable module alarms.5 Replace the pluggable module		

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Table 3-221 HldOvrSync

Alarm	Attributes	Applicable major releases
Name: HldOvrSync (3917) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.CardSlot	Severity: variable Implicitly cleared: true Default probable cause: HldOvrSync (1502)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when the system clock is in hold-over mode.		
Remedial action: Check all references.		

Table 3-222 HpPlmP

Alarm	Attributes	Applicable major releases
Name: HpPlmP (4490) Type: communicationsAlarm (4) Package: equipment Raised on class: equipment.PhysicalPort	Severity: variable Implicitly cleared: true Default probable cause: HpPlmP (1712)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when HP PLM PATH is detected.		
Remedial action: Please refer 1830 PSS Troubleshooting guide for detailed steps for corrective action.		

Table 3-223 HpRdiP

Alarm	Attributes	Applicable major releases
Name: HpRdiP (3723) Type: communicationsAlarm (4) Package: equipment Raised on class: equipment.PhysicalPort	Severity: variable Implicitly cleared: true Default probable cause: HpRdiP (1461)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when HP RDI PATH is detected.		
Remedial action: Please refer 1830 PSS Troubleshooting guide for detailed steps for corrective action.		

Table 3-224 HpUneqP

Alarm	Attributes	Applicable major releases
Name: HpUneqP (4491) Type: communicationsAlarm (4) Package: equipment Raised on class: equipment.PhysicalPort	Severity: variable Implicitly cleared: true Default probable cause: HpUneqP (1713)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when HP UNEQ PATH is detected.		
Remedial action: Proceed as follows to clear an HOPath Unequipped alarm: 1 Define the cross-connections consistently at both ends of the path.		

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Table 3-225 HwRevisionNotSupported

Alarm	Attributes	Applicable major releases
Name: HwRevisionNotSupported (2032) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.CardSlot	Severity: variable Implicitly cleared: true Default probable cause: HwRevisionNotSupported (1714)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when Hardware not supported for current configuration is detected.		
Remedial action: 1. Replace the affected Equipment Controller. Refer to 1830 PSS Troubleshooting guide - Replacing an Equipment Controller in a Redundant Shelf for the complete trouble-clearing procedure.		

Table 3-226 ImageNotReady

Alarm	Attributes	Applicable major releases
Name: ImageNotReady (5446) Type: communicationsAlarm (4) Package: equipment Raised on class: equipment.CardSlot	Severity: variable Implicitly cleared: true Default probable cause: ImageNotReady (2156)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when Card Image Not Installed .		
Remedial action: Please refer 1830 PSS Troubleshooting guide for detailed steps for corrective action.		

Table 3-227 IncomingSupvyLof

Alarm	Attributes	Applicable major releases
Name: IncomingSupvyLof (4493) Type: communicationsAlarm (4) Package: equipment Raised on class: equipment.PhysicalPort	Severity: variable Implicitly cleared: true Default probable cause: LofO (1716)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when Incoming SUPVY LOF is detected.		
Remedial action: Refer Procedure : Clear Incoming SUPVY LOF in 1830 PSS Troubleshooting guide.		

Table 3-228 IncomingSupvyLos

Alarm	Attributes	Applicable major releases
Name: IncomingSupvyLos (4494) Type: communicationsAlarm (4) Package: equipment Raised on class: equipment.PhysicalPort	Severity: variable Implicitly cleared: true Default probable cause: LosO (1717)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when Incoming SUPVY LOS is detected.		
Remedial action: Refer Procedure : Clear Incoming SUPVY LOS in 1830 PSS Troubleshooting guide.		

Table 3-229 IncompatFan

Alarm	Attributes	Applicable major releases
Name: IncompatFan (3359) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.CardSlot	Severity: variable Implicitly cleared: true Default probable cause: IncompatFan (1192)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when Incompatible Fan is detected.		
Remedial action: No corrective action is required. This is a normal message. For replacing Fan refer to 1830 PSS Troubleshooting guide.		

Table 3-230 IncompleteConfig (multichassis)

Alarm	Attributes	Applicable major releases
Name: IncompleteConfig (294) Type: configurationAlarm (11) Package: multichassis Raised on classes: <ul style="list-style-type: none"> • multichassis.MultiChassisSync • multichassis.MultiChassisLagMember 	Severity: major Implicitly cleared: true Default probable cause: incompleteConfig (225)	<ul style="list-style-type: none"> • 6.0 • 7.0
Description: The alarm is raised when a peer configuration cannot be found on the peer NE.		
Raising condition: ('mLagPointer' EQUAL '\')		
Clearing condition: ('mLagPointer' NOT EQUAL '\')		
Remedial action: Configure the missing peered object.		

Table 3-231 IncompleteConfiguration

Alarm	Attributes	Applicable major releases
Name: IncompleteConfiguration (1942) Type: operationalViolation (93) Package: netw Raised on class: netw.NetworkElement	Severity: warning Implicitly cleared: true Default probable cause: incompleteConfig (225)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when a pre-provisioned NE has no objects configured beneath it.		
Raising condition: ((State' EQUAL 'Pre-provisioned') AND ('eNodeB Equipment' EQUAL '\'))		
Clearing condition: ((State' EQUAL 'Pre-provisioned') AND ('eNodeB Equipment' NOT EQUAL '\'))		
Remedial action: A configuration error has been made which must be corrected. The configuration of the pre-provisioned NE is incomplete. A work order was not associated with the pre-provisioned NE and as a consequence the attempt to auto-configure the NE failed.		

Table 3-232 IncorrectPeerConfig

Alarm	Attributes	Applicable major releases
Name: IncorrectPeerConfig (779) Type: configurationAlarm (11) Package: multichassis Raised on class: multichassis.AbstractPeer	Severity: major Implicitly cleared: true Default probable cause: IncorrectPeerConfig (554)	<ul style="list-style-type: none"> • 6.0 • 7.0
Description: The alarm is raised when an MC peer does not exist, or when an MC peer exists but the peer address is not the address of a network interface on the peer.		
Raising condition: ('peerMatchFound' EQUAL 'false')		
Clearing condition: ('peerMatchFound' EQUAL 'true')		
Remedial action: The peer configuration cannot be found on the peer NE. Either delete this one, or create the missing peer object.		

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Table 3-233 InMaintenance

Alarm	Attributes	Applicable major releases
Name: InMaintenance (4492) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.CardSlot	Severity: variable Implicitly cleared: true Default probable cause: Man (1715)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when Manually caused abnormal condition - card in maintenance is detected.		
Remedial action: Proceed as follows to clear the Manually caused abnormal condition - card in maintenance alarm.1 Manually place the card in service using the following command:CLI config slot shelf slot state up.		

Table 3-234 InMigration

Alarm	Attributes	Applicable major releases
Name: InMigration (5568) Type: communicationsAlarm (4) Package: netw Raised on class: netw.NetworkElement	Severity: variable Implicitly cleared: true Default probable cause: InMigration (2322)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when GMRE in migration.		
Remedial action: Please refer 1830 PSS Troubleshooting guide for detailed steps for corrective action.		

Table 3-235 InterCardCommsFailure

Alarm	Attributes	Applicable major releases
Name: InterCardCommsFailure (2036) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.CardSlot	Severity: variable Implicitly cleared: true Default probable cause: ContCom (1020)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when Card failure - communication is detected.		
Remedial action: Please refer CONTCOM (Card Failure - Communication) in 1830 PSS Troubleshooting guide for detailed corrective action.		

Table 3-236 InterfaceDown (netw)

Alarm	Attributes	Applicable major releases
Name: InterfaceDown (36) Type: InterfaceAlarm (13) Package: netw Raised on class: netw.StatefullConnectableInterface	Severity: critical Implicitly cleared: true Default probable cause: interfaceDown (32)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when an interface or underlying resource fails, as indicated by an interface compositeState attribute value of failed or underlyingResourceFailed.		
Raising condition: (('compositeState' EQUAL 'Inoperable') OR ('compositeState' EQUAL 'Underlying Resource Inoperable'))		
Clearing condition: (('compositeState' NOT EQUAL 'Inoperable') AND ('compositeState' NOT EQUAL 'Underlying Resource Inoperable'))		
Remedial action: A physical port (physical interface, LAG, channel) associated with the network interface is not operation. Ensure that the interface is cabled and that there is not a configuration error (i.e. MTU size set incorrectly) on the interface. Once the issue w		

Table 3-237 InterShelfLossOfComms

Alarm	Attributes	Applicable major releases
Name: InterShelfLossOfComms (4495) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.Shelf	Severity: variable Implicitly cleared: true Default probable cause: ContCom (1020)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when Inter-shelf loss of communication is detected.		
Remedial action: Refer Procedure : Clear Inter-shelf loss of communication alarm in 1830 PSS Troubleshooting guide.		

Table 3-238 Intrusion

Alarm	Attributes	Applicable major releases
Name: Intrusion (3601) Type: communicationsAlarm (4) Package: netw Raised on class: netw.NetworkElement	Severity: variable Implicitly cleared: true Default probable cause: Intrusion (1390)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when excessive invalid login attempts by users is detected.		
Remedial action: To clear the INTRUSION alarm, complete either Step 1 OR Step 2.1. Disable the user in the User Security Database. 2. Delete the user in the User Security Database.		

Table 3-239 IntTempHigh

Alarm	Attributes	Applicable major releases
Name: IntTempHigh (3360) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.CardSlot	Severity: variable Implicitly cleared: true Default probable cause: IntTempHigh (1095)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when Card over temperature is detected.		
Remedial action: Perform the steps in the procedure - High Temperature Troubleshooting.1. Verify that the fan tray is installed and that no fan tray alarms are present. Correct any faults found.2. Visually inspect the shelf to confirm that filler cards are installed in all empty slots in the shelf. This helps ensure proper airflow.3. Check for a dirty air filter. Clean or replace it as necessary. Contact your service representative for replacement filters.4. Use a thermometer to measure the ambient air temperature at the intake of the fans. Verify that the ambient temperature is not abnormally high. If the ambient temperature is too high, the NE may require additional cooling to bring it back to an acceptable operating temperature.5. Verify if other cards in the shelf report temperatures near their upper limit (within 10 C).6. Replace the card and follow the return and repair process in the Customer and Product Support guide to return the faulty card to an authorized repair center for replacement.		

Table 3-240 IntTempLow

Alarm	Attributes	Applicable major releases
Name: IntTempLow (3361) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.CardSlot	Severity: variable Implicitly cleared: true Default probable cause: IntTempLow (1096)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when Card under temperature is detected.		
Remedial action: Ensure that no environmental issues are present where the network element resides. Resolve any existing issues. Verify if other cards in the shelf report temperatures near their lower limit (within 10 C). Replace the alarmed card.		

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Table 3-241 IntTempOpt

Alarm	Attributes	Applicable major releases
Name: IntTempOpt (3362) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.CardSlot	Severity: variable Implicitly cleared: true Default probable cause: IntTempOpt (1047)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when Optics over temperature is detected.		
Remedial action: Steps for High Temperature Troubleshooting.1. Verify that the fan tray is installed and that no fan tray alarms are present.Correct any faults found.2. Visually inspect the shelf to confirm that filler cards are installed in all empty slots in the shelf. This helps ensure proper airflow.3. Check for a dirty air filter. Clean or replace it as necessary. Contact your service representative for replacement filters.4. Use a thermometer to measure the ambient air temperature at the intake of the fans. Verify that the ambient temperature is not abnormally high. If the ambient temperature is too high, the NE may require additional cooling to bring it back to an acceptable operating temperature.5. Verify if other cards in the shelf report temperatures near their upper limit (within 10 C).6. Replace the card and follow the return and repair process in the Customer and Product Support guide to return the faulty card to an authorized repair center for replacement.		

Table 3-242 InvalidEgress

Alarm	Attributes	Applicable major releases
Name: InvalidEgress (3363) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.PhysicalPort	Severity: variable Implicitly cleared: true Default probable cause: InvalidEgress (1193)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when Invalid or no egress port defined is detected.		
Remedial action: Check the topology between ingress and egress LD (if there is egress LD). Check the external topology for the ingress LD line port. If the topology is missing, add the topology and re-run the egress adjustment.Ensure that Opposite Direction Port field is provisioned correctly for the egress LD Lineout port.		

Table 3-243 InvalidThreshold

Alarm	Attributes	Applicable major releases
Name: InvalidThreshold (2038) Type: communicationsAlarm (4) Package: equipment Raised on class: equipment.PhysicalPort	Severity: variable Implicitly cleared: true Default probable cause: InvalidThreshold (1022)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when Invalid Threshold is detected.		
Remedial action: 1. Determine whether the threshold calculation is in automatic or manual mode.2. Is manual switch calculation mode is in effect? (The default is auto.)3. Verify that no LOS alarms are present on the A or B input ports that would inhibit the switch calculation.4. Set the threshold to a value greater than -30 dBm based on engineering rules for the incoming channel power levels.5. STOP,You have completed this procedure.		

Table 3-244 InvalidThresholdOms

Alarm	Attributes	Applicable major releases
Name: InvalidThresholdOms (3364) Type: communicationsAlarm (4) Package: equipment Raised on class: equipment.PhysicalPort	Severity: variable Implicitly cleared: true Default probable cause: InvalidThresholdOms (1194)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when Invalid Threshold - OMS is detected.		
Remedial action: 1. Determine whether the threshold calculation is in automatic or manual mode.2. Is manual switch calculation mode is in effect? (The default is auto.)3. Verify that no LOS alarms are present on the A or B input ports that would inhibit the switch calculation.4. Set the threshold to a value greater than -30 dBm based on engineering rules for the incoming channel power levels.5. STOP,You have completed this procedure. Please refer 1830 PSS Troubleshooting guide for further details.		

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Table 3-245 InvalidThresholdOts

Alarm	Attributes	Applicable major releases
Name: InvalidThresholdOts (3365) Type: communicationsAlarm (4) Package: equipment Raised on class: equipment.PhysicalPort	Severity: variable Implicitly cleared: true Default probable cause: InvalidThresholdOts (1195)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when Invalid Threshold - OTS is detected.		
Remedial action: 1. Determine whether the threshold calculation is in automatic or manual mode.2. Is manual switch calculation mode is in effect? (The default is auto.)3. Verify that no LOS alarms are present on the A or B input ports that would inhibit the switch calculation.4. Set the threshold to a value greater than -30 dBm based on engineering rules for the incoming channel power levels.5. STOP, You have completed this procedure. Please refer 1830 PSS Troubleshooting guide for further details.		

Table 3-246 InventoryError

Alarm	Attributes	Applicable major releases
Name: InventoryError (3724) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.CardSlot	Severity: variable Implicitly cleared: true Default probable cause: InventoryError (1718) Applicable probable causes: <ul style="list-style-type: none"> • InventoryError • CFCAPACITYWARNING 	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when Card Inventory Error is detected.		
Remedial action: To clear the INVENTOR YERROR alarm, remove and replace the affected device.		

Table 3-247 KeyDomainErr

Alarm	Attributes	Applicable major releases
Name: KeyDomainErr (5177) Type: communicationsAlarm (4) Package: equipment Raised on class: equipment.PhysicalPort	Severity: variable Implicitly cleared: true Default probable cause: KeyDomainErr (2093)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when Wavelength tracker domain provisioning error occurs.		
Remedial action: Please refer 1830 PSS Troubleshooting guide for detailed steps for corrective action.		

Table 3-248 LagDeg

Alarm	Attributes	Applicable major releases
Name: LagDeg (3961) Type: communicationsAlarm (4) Package: equipment Raised on class: equipment.PhysicalPort	Severity: variable Implicitly cleared: true Default probable cause: LagDeg (1539)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when Link aggregation group signal degrade is detected.		
Remedial action: Please refer section - Signal Degrade 1830 PSS Troubleshooting guide for detailed steps for corrective action.		

Table 3-249 LagDown

Alarm	Attributes	Applicable major releases
Name: LagDown (20) Type: equipmentAlarm (3) Package: lag Raised on class: lag.Interface	Severity: critical Implicitly cleared: true Default probable cause: lagDown (17)	<ul style="list-style-type: none"> • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when all ports in a LAG are operationally down.		
Raising condition: (('Administrative State' EQUAL 'Up') AND ('operationalState' NOT EQUAL 'Up'))		

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Alarm	Attributes	Applicable major releases
Clearing condition: (('operationalState' EQUAL 'Up') OR ('Administrative State' NOT EQUAL 'Up'))		
Remedial action: This alarm indicates that all physical Ethernet links associated with a LAG are operationally down. The reasons for the links to be down may vary from link to link. The following possible causes of this alarm should be investigated. The physical port (near end or far end) may have failed - this can be remedied by replacing the interface card in question. The physical links may have been turned down administratively - re-enable the links. A cable failure or disconnect may have occurred - please ensure that the cables are properly connected to the physical port and that the cable has not been damaged.		

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Table 3-250 LagLos

Alarm	Attributes	Applicable major releases
Name: LagLos (3962) Type: communicationsAlarm (4) Package: equipment Raised on class: equipment.PhysicalPort	Severity: variable Implicitly cleared: true Default probable cause: LagLos (1540)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when Link aggregation group Loss of Signal is detected.		
Remedial action: Proceed as follows to clear the Link Aggregation Group Loss of Signal alarm. 1. Ensure that the administrative state of the Link Aggregation Group is Admin Up. 2. Ensure that the Max Port Size of the Link Aggregation Group is larger than 0. 3. Ensure that the number of attached ports in the Link Aggregation Group is larger than 0. 4. Check the alarms/conditions of the attached port. 5. Follow the procedure for clearing the identified alarm/condition of the attached port. 6. Refresh the list of current alarms, and check whether Link Aggregation Group Loss of Signal has cleared.		

Table 3-251 LagPortAddFailed

Alarm	Attributes	Applicable major releases
Name: LagPortAddFailed (422) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.PhysicalPort	Severity: warning Implicitly cleared: true Default probable cause: linkDown (315)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when the Lag Port Add function Fails.		
Raising condition: (('state' EQUAL 'Link Down') AND ('LAG ID' > '0'))		
Clearing condition: (('state' NOT EQUAL 'Link Down') OR ('LAG ID' EQUAL '0'))		

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Alarm	Attributes	Applicable major releases
Remedial action: A configuration error has occurred which must be corrected. The link that was to be added to the LAG group may be of the wrong type (i.e. non ethernet) or the limit of the number of links supported in a LAG may have been reached.		

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Table 3-252 LanLol

Alarm	Attributes	Applicable major releases
Name: LanLol (4499) Type: communicationsAlarm (4) Package: equipment Raised on class: equipment.PhysicalPort	Severity: variable Implicitly cleared: true Default probable cause: LanLol (1722) Applicable probable causes: <ul style="list-style-type: none"> • LanLol • LOL 	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when Loss of Link is detected.		
Remedial action: Please refer 1830 PSS Troubleshooting guide for detailed steps for corrective action.		

Table 3-253 LanSf

Alarm	Attributes	Applicable major releases
Name: LanSf (3725) Type: communicationsAlarm (4) Package: equipment Raised on class: equipment.PhysicalPort	Severity: variable Implicitly cleared: true Default probable cause: LanSf (1463)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when LAN Signal Failure is detected.		
Remedial action: Signal Failure alarm. Please refer 1830 PSS Troubleshooting guide for detailed corrective action.		

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Table 3-254 LaserBackFacetOptPwrTca

Alarm	Attributes	Applicable major releases
Name: LaserBackFacetOptPwrTca (3366) Type: communicationsAlarm (4) Package: equipment Raised on class: equipment.PhysicalPort	Severity: variable Implicitly cleared: true Default probable cause: LaserBackFacetOptPwrTca (1196)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when Laser back-facet optical power cross threshold is detected.		
Remedial action: At the end of each step wait to see if the fault clears. If not, continue with the next step.1. If another card failure is reported on the card, follow the procedure for that specific alarm.2. If the port is pluggable module, remove and reinsert the same module. If the alarm does not clear, replace the module.		

Table 3-255 LaserCoolingCurTca

Alarm	Attributes	Applicable major releases
Name: LaserCoolingCurTca (3367) Type: communicationsAlarm (4) Package: equipment Raised on class: equipment.PhysicalPort	Severity: variable Implicitly cleared: true Default probable cause: LaserCoolingCurTca (1197)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when Laser cooling current cross threshold is detected.		
Remedial action: This alarm corresponds to Laser Cooling Current Cross Threshold.1. If another card failure is reported on the card, follow the procedure for that specific alarm.2. If the port is pluggable module, remove and reinsert the same module. If the alarm does not clear, replace the module.		

Table 3-256 LaserEndOfLife

Alarm	Attributes	Applicable major releases
Name: LaserEndOfLife (2039) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.PhysicalPort	Severity: variable Implicitly cleared: true Default probable cause: LaserEOL (1023)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when Laser end of life is detected.		
Remedial action: The OT port has detected laser end of life.If another card failure is reported on the card, follow the procedure for that specific alarm.If the port is pluggable module, remove and reinsert the same module. If the alarm does not clear, replace the module.		

Table 3-257 LckOut

Alarm	Attributes	Applicable major releases
Name: LckOut (4500) Type: communicationsAlarm (4) Package: equipment Raised on class: equipment.PhysicalPort	Severity: variable Implicitly cleared: true Default probable cause: LckOut (1723) Applicable probable causes: <ul style="list-style-type: none"> • LckOut • LCK 	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when Outgoing Locked - ODU is detected.		
Remedial action: Please refer 1830 PSS Troubleshooting guide for detailed steps for corrective action.		

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Table 3-258 LfiEgress

Alarm	Attributes	Applicable major releases
Name: LfiEgress (4501) Type: communicationsAlarm (4) Package: equipment Raised on class: equipment.PhysicalPort	Severity: variable Implicitly cleared: true Default probable cause: LfiEgr (1064)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when Remote Client Local Fault is detected.		
Remedial action: 1 Locate far end OT .2 Perform the steps in the procedure Procedure : Clear LAN Local Fault Indicator on the far end port in 1830 PSS Troubleshooting guide.		

Table 3-259 LicensedLimitExceeded

Alarm	Attributes	Applicable major releases
Name: LicensedLimitExceeded (127) Type: licensingAlarm (23) Package: security Raised on class: security.ProductLicense	Severity: critical Implicitly cleared: true Default probable cause: licensedLimitExceeded (106)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when the license items in the network exceeds 100 percent of the license capacity.		
Raising condition: ('Exceeded' EQUAL 'true')		
Clearing condition: ('Exceeded' NOT EQUAL 'true')		
Remedial action: Informational - The number of SAM licenses purchased and available on the SAM server is insufficient as compared to the number of NEs/MDA/Cells under management in the network. Please contact Alcatel-Lucent Sales to purchase additional licenses.		

Table 3-260 LineFacilityLoopbackActive

Alarm	Attributes	Applicable major releases
Name: LineFacilityLoopbackActive (4502) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.PhysicalPort	Severity: variable Implicitly cleared: true Default probable cause: LpbkLine (1024)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when Line Facility loopback active is detected.		
Remedial action: 1 Remove the loopback from the port. For CLI config interface <shelf slot port> loopback line disabled		

Table 3-261 LinkDiversity

Alarm	Attributes	Applicable major releases
Name: LinkDiversity (5569) Type: communicationsAlarm (4) Package: netw Raised on class: netw.NetworkElement	Severity: variable Implicitly cleared: true Default probable cause: LinkDiversity (2323)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when link diversity violation.		
Remedial action: Please refer 1830 PSS Troubleshooting guide for detailed steps for corrective action.		

Table 3-262 LinkDown (equipment)

Alarm	Attributes	Applicable major releases
Name: LinkDown (12) Type: communicationsAlarm (4) Package: equipment Raised on class: equipment.Equipment	Severity: major Implicitly cleared: true Default probable cause: portLinkProblem (10)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when a port has no associated physical link or remote end point is operationally down.		
Raising condition: (('compositeEquipmentState' EQUAL 'Link Down') OR ('compositeEquipmentState' EQUAL 'Oper Down'))		
Clearing condition: (('compositeEquipmentState' NOT EQUAL 'Link Down') AND ('compositeEquipmentState' NOT EQUAL 'Oper Down'))		
Remedial action: Please make sure that port has physical link and remote end point is operationally up.		

Table 3-263 Loam

Alarm	Attributes	Applicable major releases
Name: Loam (3368) Type: communicationsAlarm (4) Package: equipment Raised on class: equipment.PhysicalPort	Severity: variable Implicitly cleared: true Default probable cause: LOAM (1198)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when Loss of Alignment Marker Lock is detected.		
Remedial action: The LOAM condition is raised when the system cannot detect the PCS lane marker, or the marker has been displaced. Replace the CFP.		

Table 3-264 LocalFault

Alarm	Attributes	Applicable major releases
Name: LocalFault (2041) Type: communicationsAlarm (4) Package: equipment Raised on class: equipment.PhysicalPort	Severity: variable Implicitly cleared: true Default probable cause: LanLfi (1025)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when Local Fault is detected.		
Remedial action: 1. Locate the Far end client OT.2. Proceed with the procedure for clearing LANLFI.		

Table 3-265 LocalPacketLost

Alarm	Attributes	Applicable major releases
Name: LocalPacketLost (5592) Type: communicationsAlarm (4) Package: rmd Raised on class: rmd.TsopChannel	Severity: variable Implicitly cleared: true Default probable cause: RmdTsopLPL (2346)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when no packets are received for one second. Cleared when two contiguous packets are received.		
Remedial action: Please refer 1830 PSS Troubleshooting guide for detailed steps for corrective action		

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Table 3-266 LockedIndication

Alarm	Attributes	Applicable major releases
Name: LockedIndication (4503) Type: communicationsAlarm (4) Package: equipment Raised on class: equipment.PhysicalPort	Severity: variable Implicitly cleared: true Default probable cause: Lck (1724) Applicable probable causes: <ul style="list-style-type: none"> • Lck • LockedIndicationEgress 	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when Locked Indication is detected.		
Remedial action: Please refer 1830 PSS Troubleshooting guide for detailed steps for corrective action.		

Table 3-267 LockedIndicationEgress

Alarm	Attributes	Applicable major releases
Name: LockedIndicationEgress (4920) Type: communicationsAlarm (4) Package: equipment Raised on class: equipment.PhysicalPort	Severity: variable Implicitly cleared: true Default probable cause: LockedIndicationEgress (1725)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when Locked Egress - ODU .		
Remedial action: Please refer 1830 PSS Troubleshooting guide for detailed steps for corrective action.		

Table 3-268 LockoutOfTimRef

Alarm	Attributes	Applicable major releases
Name: LockoutOfTimRef (3923) Type: equipmentAlarm (3) Package: optical Raised on class: optical.LineReference	Severity: variable Implicitly cleared: true Default probable cause: LockoutOfTimRef (1509)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when Lock out of a timing reference is detected.		
Remedial action: Check the timing reference quality and priority.		

Table 3-269 LockoutOfTimRefT4

Alarm	Attributes	Applicable major releases
Name: LockoutOfTimRefT4 (4883) Type: equipmentAlarm (3) Package: optical Raised on class: optical.LineReference	Severity: variable Implicitly cleared: true Default probable cause: LockoutOfTimRef_T4 (1947)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when T4:Lock out of a timing reference is detected.		
Remedial action: Please refer 1830 PSS Troubleshooting guide for detailed steps for corrective action.		

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Table 3-270 LOFLOM

Alarm	Attributes	Applicable major releases
Name: LOFLOM (4496) Type: communicationsAlarm (4) Package: equipment Raised on class: equipment.PhysicalPort	Severity: variable Implicitly cleared: true Default probable cause: LOFLOM (1719)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when ODU LOFLOM is detected.		
Remedial action: Refer Procedure : Clear Loss of Frame and Loss of Multiframe in 1830 PSS Troubleshooting guide.		

Table 3-271 LOFLOMOut

Alarm	Attributes	Applicable major releases
Name: LOFLOMOut (4497) Type: communicationsAlarm (4) Package: equipment Raised on class: equipment.PhysicalPort	Severity: variable Implicitly cleared: true Default probable cause: LOFLOMOut (1720)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when ODU LOFLOM OUT is detected.		
Remedial action: Refer Procedure : Clear Loss of Frame and Loss of Multiframe in 1830 PSS Troubleshooting guide.		

Table 3-272 Lol

Alarm	Attributes	Applicable major releases
Name: Lol (4504) Type: communicationsAlarm (4) Package: equipment Raised on class: equipment.PhysicalPort	Severity: variable Implicitly cleared: true Default probable cause: Lol (1726)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when Loss of Lane Alignment is detected.		
Remedial action: Please refer 1830 PSS Troubleshooting guide for detailed steps for corrective action.		

Table 3-273 LOLA

Alarm	Attributes	Applicable major releases
Name: LOLA (8163) Type: communicationsAlarm (4) Package: equipment Raised on class: equipment.PhysicalPort	Severity: variable Implicitly cleared: true Default probable cause: LOLA (2555)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when Loss of Lane Alignment.		
Remedial action: Please refer 1830 PSS Troubleshooting guide for detailed steps for corrective action.		

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Table 3-274 LosDcm

Alarm	Attributes	Applicable major releases
Name: LosDcm (4505) Type: communicationsAlarm (4) Package: equipment Raised on class: equipment.PhysicalPort	Severity: variable Implicitly cleared: true Default probable cause: LosDcm (982)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when From DCM Input LOS is detected.		
Remedial action: Refer Procedure : Clear From DCM Input LOS in 1830 PSS Troubleshooting guide.		

Table 3-275 LOSEDF A

Alarm	Attributes	Applicable major releases
Name: LOSEDF A (4498) Type: communicationsAlarm (4) Package: equipment Raised on class: equipment.PhysicalPort	Severity: variable Implicitly cleared: true Default probable cause: LOSEDF A (1721)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when EDFA Input LOS is detected.		
Remedial action: Please refer 1830 PSS Troubleshooting guide for detailed steps for corrective action.		

Table 3-276 LOSOAMP

Alarm	Attributes	Applicable major releases
Name: LOSOAMP (5447) Type: communicationsAlarm (4) Package: equipment Raised on class: equipment.PhysicalPort	Severity: variable Implicitly cleared: true Default probable cause: LOSOAMP (2157)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when SUPVY Amplifier Input LOS .		
Remedial action: Please refer 1830 PSS Troubleshooting guide for detailed steps for corrective action.		

Table 3-277 LosOcm

Alarm	Attributes	Applicable major releases
Name: LosOcm (3370) Type: communicationsAlarm (4) Package: equipment Raised on class: equipment.PhysicalPort	Severity: variable Implicitly cleared: true Default probable cause: LosOcm (1200)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when WTOCM Input LOS is detected.		
Remedial action: 1. Verify the fiber is connected between the WTOCM input port and its associated LD MON port.2. Verify there is no existing LOS condition on the associated LD card. 3. Retrieve power level reading on the local port, verify the power in within the normal operating range.4. Clean the fiber.5. Replace the fiber.6. Replace the pluggable module.		

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Table 3-278 LosOms

Alarm	Attributes	Applicable major releases
Name: LosOms (3371) Type: communicationsAlarm (4) Package: equipment Raised on class: equipment.PhysicalPort	Severity: variable Implicitly cleared: true Default probable cause: LosOms (1201)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when Loss of Signal is detected.		
Remedial action: Please refer LOS-P (Incoming Payload LOS) in 1830 PSS Troubleshooting guide for detailed corrective action.		

Table 3-279 LosOOut

Alarm	Attributes	Applicable major releases
Name: LosOOut (3369) Type: communicationsAlarm (4) Package: equipment Raised on class: equipment.PhysicalPort	Severity: variable Implicitly cleared: true Default probable cause: LOSOOUT (1199)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when Outgoing SUPVY LOS is detected.		
Remedial action: Please refer LOS-OUT (Outgoing Loss of Signal) and (Outgoing Channel Absent) in 1830 PSS Troubleshooting guide for detailed corrective action.		

Table 3-280 LosOts

Alarm	Attributes	Applicable major releases
Name: LosOts (3372) Type: communicationsAlarm (4) Package: equipment Raised on class: equipment.PhysicalPort	Severity: variable Implicitly cleared: true Default probable cause: LosOts (1202) Applicable probable causes: <ul style="list-style-type: none"> • LosOts • LOSOTS 	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when OPS Input Loss of Signal is detected.		
Remedial action: Please refer LOS-P (Incoming Payload LOS) in 1830 PSS Troubleshooting guide for detailed corrective action.		

Table 3-281 LosP

Alarm	Attributes	Applicable major releases
Name: LosP (4921) Type: communicationsAlarm (4) Package: equipment Raised on class: equipment.PhysicalPort	Severity: variable Implicitly cleared: true Default probable cause: LosP (1735)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when Loss of Signal - OTU .		
Remedial action: Please refer 1830 PSS Troubleshooting guide for detailed steps for corrective action.		

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Table 3-282 LossOfClock (equipment)

Alarm	Attributes	Applicable major releases
Name: LossOfClock (83) Type: communicationsAlarm (4) Package: equipment Raised on class: equipment.PhysicalPort	Severity: variable Implicitly cleared: true Default probable cause: LostClock (1026)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when Loss of clock is detected.		
Remedial action: This demerit is raised when a shelf controller determines that there is no system timing clock from the master shelf. This demerit will cause a controller activity switch if the inactive controller does not have this demerit raised, but the active does.		

Table 3-283 LossOfFrame (optical)

Alarm	Attributes	Applicable major releases
Name: LossOfFrame (630) Type: communicationsAlarm (4) Package: optical Raised on class: optical.OpticalPortSpecifics	Severity: variable Implicitly cleared: true Default probable cause: Lof (1073) Applicable probable causes: <ul style="list-style-type: none"> • Lof • LOF 	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when Loss of frame is detected.		
Remedial action: Please refer 1830 PSS Node Maintenance manual for remedial action information.		

Table 3-284 LossOfFrameDelineation

Alarm	Attributes	Applicable major releases
Name: LossOfFrameDelineation (4506) Type: communicationsAlarm (4) Package: equipment Raised on class: equipment.PhysicalPort	Severity: variable Implicitly cleared: true Default probable cause: Lfd (1727)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when GFP Loss of Frame Delineation is detected.		
Remedial action: 1 Inspect the OCh trail which is used as a server transport layer for GFP stream.2 If any alarms are detected on OCh trail, locate the farthest upstream point and follow the procedure for clearing this alarm.3 Locate the far end OT that sources the GFP stream.4 Perform a soft reset of both local and far-end OT.5 If Step 4 does not clear the problem replace far-end OT.6 If Step 5 does not clear the problem replace the local OT.		

Table 3-285 LossOfFrameEgress

Alarm	Attributes	Applicable major releases
Name: LossOfFrameEgress (4507) Type: communicationsAlarm (4) Package: equipment Raised on class: equipment.PhysicalPort	Severity: variable Implicitly cleared: true Default probable cause: LofEgr (1728)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when Loss of Frame Egress is detected.		
Remedial action: 1 Locate far end OT.2 Perform the steps in the procedureProcedure : Clear Loss Of Frame (photonic applications) on the far end port.		

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Table 3-286 LossOfLock

Alarm	Attributes	Applicable major releases
Name: LossOfLock (4886) Type: communicationsAlarm (4) Package: ptp Raised on class: ptp.IEEEEPTPClock	Severity: variable Implicitly cleared: true Default probable cause: LossOfLock (1949)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when Loss of 1588 synchronization is detected.		
Remedial action: Please refer 1830 PSS Troubleshooting guide for detailed steps for corrective action.		

Table 3-287 LossOfOpticalSignal

Alarm	Attributes	Applicable major releases
Name: LossOfOpticalSignal (5593) Type: equipmentAlarm (3) Package: rmd Raised on class: rmd.Port	Severity: variable Implicitly cleared: true Default probable cause: RmdIfLOS (2020)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when ingress TDM defects LOS, for example fiber is missing or broken, or the connector is dirty		
Remedial action: Please refer 1830 PSS Troubleshooting guide for detailed steps for corrective action		

Table 3-288 LossOfPrimaryLineTimingClock

Alarm	Attributes	Applicable major releases
Name: LossOfPrimaryLineTimingClock (4508) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.CardSlot	Severity: variable Implicitly cleared: true Default probable cause: Sync (1030)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when Loss of primary line timing recovered clock is detected.		
Remedial action: Please refer 1830 PSS Troubleshooting guide for detailed steps for corrective action.		

Table 3-289 LossOfSecondaryLineTimingClock

Alarm	Attributes	Applicable major releases
Name: LossOfSecondaryLineTimingClock (4509) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.CardSlot	Severity: variable Implicitly cleared: true Default probable cause: Sync (1030)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when Loss of secondary line timing recovered clock is detected.		
Remedial action: Please refer 1830 PSS Troubleshooting guide for detailed steps for corrective action.		

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Table 3-290 LossOfSignal (optical)

Alarm	Attributes	Applicable major releases
Name: LossOfSignal (631) Type: communicationsAlarm (4) Package: optical Raised on class: optical.OpticalPortSpecifics	Severity: variable Implicitly cleared: true Default probable cause: Los (1077) Applicable probable causes: <ul style="list-style-type: none"> • Los • LosP • LosOut • LosLdSig • LanLos • LOS 	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when Loss of Signal is detected.		
Remedial action: A receive port on one of the optical cards has detected a loss of signal. The LOS condition may be raised for the following reasons:1. a misconnected, damaged, or dirty fiber.2. the received power may not be within the acceptable range.The procedures in this section are as follows:1. LOS (Channel Absent Alarm) 2. LD Input LOS.3. CWR Input LOS.4. LOS (Loss of Signal.Please refer detailed section for each in 1830 PSS Troubleshooting guide.		

Table 3-291 LossOfSonetSdhFrame

Alarm	Attributes	Applicable major releases
Name: LossOfSonetSdhFrame (5594) Type: equipmentAlarm (3) Package: rmd Raised on class: rmd.Port	Severity: variable Implicitly cleared: true Default probable cause: RmdNimLOF (2347)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when there is optical power, but the signal is not SONET/SDH framed..		
Remedial action: Please refer 1830 PSS Troubleshooting guide for detailed steps for corrective action		

Table 3-292 LossOfSync

Alarm	Attributes	Applicable major releases
Name: LossOfSync (4510) Type: communicationsAlarm (4) Package: equipment Raised on class: equipment.PhysicalPort	Severity: variable Implicitly cleared: true Default probable cause: Lss (1729) Applicable probable causes: <ul style="list-style-type: none"> • Lss • LSS 	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when Loss of synchronization is detected.		
Remedial action: Please refer 1830 PSS Troubleshooting guide for detailed steps for corrective action.		

Table 3-293 LossOfSynchronizationEgress

Alarm	Attributes	Applicable major releases
Name: LossOfSynchronizationEgress (4511) Type: communicationsAlarm (4) Package: equipment Raised on class: equipment.PhysicalPort	Severity: variable Implicitly cleared: true Default probable cause: LssEgr (1730)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when Remote Client Loss of Synchronization is detected.		
Remedial action: Please refer 1830 PSS Troubleshooting guide for detailed steps for corrective action.		

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Table 3-294 LossTooHigh

Alarm	Attributes	Applicable major releases
Name: LossTooHigh (3373) Type: communicationsAlarm (4) Package: equipment Raised on class: equipment.PhysicalPort	Severity: variable Implicitly cleared: true Default probable cause: OprLossHigh (1044)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when Out of operational range - loss too high is detected.		
Remedial action: Please refer OPRLOSSHIGH (Out of Operational Range Loss Too High between DCM Ports of LD) in 1830 PSS Troubleshooting guide for detailed corrective action.		

Table 3-295 LossTooLow

Alarm	Attributes	Applicable major releases
Name: LossTooLow (2042) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.PhysicalPort	Severity: variable Implicitly cleared: true Default probable cause: OprLossLow (1027)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when Out of operational range - loss too low is detected.		
Remedial action: At the end of each step wait to see if the fault clears. If not, continue with the next step.1. Perform a lightpath trace to check the upstream power levels, making sure that the expected powers are met. Clean fiber connections if necessary and make sure fibers are not kinked or pinched.2. Check if there are any other existing power-related alarms at the amplifier card, and troubleshoot them first.3. Retrieve the optical power levels at the DCM port of the amplifier card where the alarm is raised.WEBUI From the Equipment Tree, select the card, and select the desired port.4. Perform a warm reset on the card where the OPR condition is raised.5. Perform a cold reset of the card.6. Reseat the card.7. Replace the card. Follow the return and repair process in the Customer and Product Support guide to return the faulty card to an authorized repair center for replacement.		

Table 3-296 LostBothTimingReferences

Alarm	Attributes	Applicable major releases
Name: LostBothTimingReferences (4858) Type: equipmentAlarm (3) Package: netw Raised on class: netw.NetworkElement	Severity: variable Implicitly cleared: true Default probable cause: SyncOos (1106)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when System timing lost both references is detected.		
Remedial action: Please refer section SYNCOOS (Timing reference failed (Not Protected or Protection not Available)) / SYNCOOS (Timing reference failed--system going into holdover) in 1830 PSS Troubleshooting guide for detailed corrective action.		

Table 3-297 LostRedundantTimingReference

Alarm	Attributes	Applicable major releases
Name: LostRedundantTimingReference (4859) Type: equipmentAlarm (3) Package: netw Raised on class: netw.NetworkElement	Severity: variable Implicitly cleared: true Default probable cause: Sync (1030)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when System timing lost a redundant reference is detected.		
Remedial action: The alarm is raised due to lost of redundant reference of system time.Refer SYNC section in in 1830 PSS Troubleshooting guide for detailed corrective action.		

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Table 3-298 LotOut

Alarm	Attributes	Applicable major releases
Name: LotOut (3726) Type: communicationsAlarm (4) Package: equipment Raised on class: equipment.PhysicalPort	Severity: variable Implicitly cleared: true Default probable cause: LotOut (1464)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when Outgoing Loss of tones is detected.		
Remedial action: Please refer section LOT-OUT (Outgoing Loss of Tones) and Path Power Trace for detailed steps to clear the alarm.		

Table 3-299 LowTemperatureDetected

Alarm	Attributes	Applicable major releases
Name: LowTemperatureDetected (1127) Type: environmentalAlarm (2) Package: equipment Raised on class: equipment.Shelf	Severity: major Implicitly cleared: true Default probable cause: equipmentOvercooled (838)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when the chassis temperature falls below the minimum threshold.		
Raising condition: ('Low Temperature State' EQUAL 'Low')		
Clearing condition: ('Low Temperature State' NOT EQUAL 'Low')		
Remedial action: The NE has detected internal temperatures which are abnormally low. This may happen when the environment that the NE is operating in may not be within specifications found in the NE user guides.		

Table 3-300 LspFailedApe

Alarm	Attributes	Applicable major releases
Name: LspFailedApe (5570) Type: communicationsAlarm (4) Package: netw Raised on class: netw.NetworkElement	Severity: variable Implicitly cleared: true Default probable cause: LspFailedApe (2324)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when Active failed - APE failed.		
Remedial action: Please refer 1830 PSS Troubleshooting guide for detailed steps for corrective action.		

Table 3-301 LspFailedPre

Alarm	Attributes	Applicable major releases
Name: LspFailedPre (5571) Type: communicationsAlarm (4) Package: netw Raised on class: netw.NetworkElement	Severity: variable Implicitly cleared: true Default probable cause: LspFailedPre (2325)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when active failed - preemption.		
Remedial action: Please refer 1830 PSS Troubleshooting guide for detailed steps for corrective action.		

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Table 3-302 LspFailedTp

Alarm	Attributes	Applicable major releases
Name: LspFailedTp (5572) Type: communicationsAlarm (4) Package: netw Raised on class: netw.NetworkElement	Severity: variable Implicitly cleared: true Default probable cause: LspFailedTp (2326)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when active failed - transmission problem.		
Remedial action: Please refer 1830 PSS Troubleshooting guide for detailed steps for corrective action.		

Table 3-303 LspFailedUnprot

Alarm	Attributes	Applicable major releases
Name: LspFailedUnprot (5573) Type: communicationsAlarm (4) Package: netw Raised on class: netw.NetworkElement	Severity: variable Implicitly cleared: true Default probable cause: LspFailedUnprot (2327)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when active failed - unprotected.		
Remedial action: Please refer 1830 PSS Troubleshooting guide for detailed steps for corrective action.		

Table 3-304 LspFailedXc

Alarm	Attributes	Applicable major releases
Name: LspFailedXc (5574) Type: communicationsAlarm (4) Package: netw Raised on class: netw.NetworkElement	Severity: variable Implicitly cleared: true Default probable cause: LspFailedXc (2328)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when active failed - cross connection problem.		
Remedial action: Please refer 1830 PSS Troubleshooting guide for detailed steps for corrective action.		

Table 3-305 macMoveRateExceeded (service)

Alarm	Attributes	Applicable major releases
Name: macMoveRateExceeded (3690) Type: accessInterfaceAlarm (40) Package: service Raised on class: service.AccessInterface	Severity: minor Implicitly cleared: true Default probable cause: MacMoveRateExceeded (1429)	<ul style="list-style-type: none"> • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when the SAP exceeds the MAC Move Frequency of the service site.		
Raising condition: ('State Cause'anyBit'Relearn Limit Exceeded')		
Clearing condition: NOT (('State Cause'anyBit'Relearn Limit Exceeded'))		
Remedial action: Informational.		

Table 3-306 macMoveRateExceededNonBlock (service)

Alarm	Attributes	Applicable major releases
Name: macMoveRateExceededNonBlock (4893) Type: accessInterfaceAlarm (40) Package: service Raised on class: service.AccessInterface	Severity: info Implicitly cleared: true Default probable cause: MacMoveRateExceededNonBlock (1951)	<ul style="list-style-type: none"> • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when the SAP exceeds the MAC Move Frequency of the service site when limitMacMove(sapTIsLimitMacMove) is set to 'nonBlocking'.		
Raising condition: ('State Cause'anyBit'Relearn Limit Exceeded')		
Clearing condition: NOT (('State Cause'anyBit'Relearn Limit Exceeded'))		
Remedial action: Informational - User can adjust the value of 'MAC Move Maximum Rate' to reduce the frequency of this alarm.		

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Table 3-307 ManLR

Alarm	Attributes	Applicable major releases
Name: ManLR (4884) Type: equipmentAlarm (3) Package: optical Raised on class: optical.LineReference	Severity: variable Implicitly cleared: true Default probable cause: ManLR (1510)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when Logical removal of a timing reference is detected.		
Remedial action: To clear the condition, check with the assigning of connection between the LINEREF and the physical port.		

Table 3-308 ManSwTimRef

Alarm	Attributes	Applicable major releases
Name: ManSwTimRef (3925) Type: equipmentAlarm (3) Package: optical Raised on class: optical.LineReference	Severity: variable Implicitly cleared: true Default probable cause: ManSwTimRef (1511)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when Manual switch to a timing reference is detected.		
Remedial action: Check the timing reference quality and priority.		

Table 3-309 ManSwTimRefT4

Alarm	Attributes	Applicable major releases
Name: ManSwTimRefT4 (4885) Type: equipmentAlarm (3) Package: optical Raised on class: optical.LineReference	Severity: variable Implicitly cleared: true Default probable cause: ManSwTimRef_T4 (1948)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when T4:Manual switch to a timing reference is detected.		
Remedial action: Please refer 1830 PSS Troubleshooting guide for detailed steps for corrective action.		

Table 3-310 ManSwToInt

Alarm	Attributes	Applicable major releases
Name: ManSwToInt (3918) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.CardSlot	Severity: variable Implicitly cleared: true Default probable cause: ManSwToInt (1503)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when System clock forced to internal clock is detected.		
Remedial action: Clear the manual switch.		

Table 3-311 MCLagDown (multichassis)

Alarm	Attributes	Applicable major releases
Name: MCLagDown (394) Type: equipmentAlarm (3) Package: multichassis Raised on class: multichassis.MultiChassisLagPeerSpecifics	Severity: critical Implicitly cleared: true Default probable cause: mclagDown (295)	<ul style="list-style-type: none"> • 6.0 • 7.0
Description: The alarm is raised when all ports in an MC LAG are operationally Down.		
Raising condition: (('Administrative State' EQUAL 'Up') AND ('Operational State' NOT EQUAL 'Up'))		

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Alarm	Attributes	Applicable major releases
Clearing condition: (('Operational State' EQUAL 'Up') OR ('Administrative State' NOT EQUAL 'Up'))		
Remedial action: This alarm indicates that all physical Ethernet links associated with a LAG are operationally down. The reasons for the links to be down may vary from link to link. The following possible causes of this alarm should be investigated. The physical port (near end or far end may have failed - this can be remedied by replacing the interface card in question. The physical links may have been turned down administratively - re-enable the links. A cable failure or disconnect may have occurred - please ensure that the cables are properly connected to the physical port and and that the cable has not been damaged.		

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Table 3-312 MepAISReceivedAlarm

Alarm	Attributes	Applicable major releases
Name: MepAISReceivedAlarm (2945) Type: oamAlarm (18) Package: ethernetToam Raised on class: ethernetToam.Mep	Severity: variable Implicitly cleared: true Default probable cause: missingRemoteMep (388)	<ul style="list-style-type: none"> • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when a MEP receives AIS test frames from one or more of its sub-layer MEPs.		
Raising condition: (('AIS Received (AisRx)' EQUAL 'true') AND ('Facility VLAN ID' EQUAL '0'))		
Clearing condition: ('AIS Received (AisRx)' EQUAL 'false')		
Remedial action: This alarm indicates that it has received a MEP fault from a sub-layer MEP, user should investigate the fault cause on the sub-layer MEP and resolve this root cause issue.		

Table 3-313 MepError

Alarm	Attributes	Applicable major releases
Name: MepError (5508) Type: oamAlarm (18) Package: ethernetToam Raised on class: ethernetToam.Mep	Severity: variable Implicitly cleared: true Default probable cause: MepError (2239)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when MEP Error CCM is detected.		
Remedial action: Ensure that all expected peer MEPs are configured correctly.		

Table 3-314 MepLoc

Alarm	Attributes	Applicable major releases
Name: MepLoc (3727) Type: oamAlarm (18) Package: ethernetoam Raised on class: ethernetoam.Mep	Severity: variable Implicitly cleared: true Default probable cause: Loc (1465)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when a MEP stops receiving CCM frames from a peer MEP.		
Remedial action: This alarm is raised when a MEP stops receiving CCM frames from the peer MEP.		

Table 3-315 MepMacError

Alarm	Attributes	Applicable major releases
Name: MepMacError (5509) Type: oamAlarm (18) Package: ethernetoam Raised on class: ethernetoam.Mep	Severity: variable Implicitly cleared: true Default probable cause: MepMacError (2240)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when MEP Mac Status is detected.		
Remedial action: Ensure that all expected peer MEPs are configured correctly.		

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Table 3-316 MepMmg

Alarm	Attributes	Applicable major releases
Name: MepMmg (3728) Type: oamAlarm (18) Package: ethernetToam Raised on class: ethernetToam.Mep	Severity: variable Implicitly cleared: true Default probable cause: Mmg (1466)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when a MEP receives a CCM frame with correct MEG level but incorrect MEG ID.		
Remedial action: This alarm is raised when a MEP receives a CCM frame with correct MEG level but incorrect MEG ID.		

Table 3-317 MepXcon

Alarm	Attributes	Applicable major releases
Name: MepXcon (5510) Type: oamAlarm (18) Package: ethernetToam Raised on class: ethernetToam.Mep	Severity: variable Implicitly cleared: true Default probable cause: MepXcon (2241)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when MEP Cross Connect CCM is detected.		
Remedial action: Ensure that all expected peer MEPs are configured correctly.		

Table 3-318 MismatchFiber

Alarm	Attributes	Applicable major releases
Name: MismatchFiber (3374) Type: communicationsAlarm (4) Package: equipment Raised on class: equipment.PhysicalPort	Severity: variable Implicitly cleared: true Default probable cause: MismatchFiber (1203)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when Fiber connection mismatch is detected.		
Remedial action: This alarm is raised when a mismatch in the add channel count between the LD card and its assigned WTOCM port is detected. Please check the fibering between LD and WTOCM pack, make sure the fibering matches the WTOCM port provisioning.		

Table 3-319 MissingWaveKey

Alarm	Attributes	Applicable major releases
Name: MissingWaveKey (4512) Type: communicationsAlarm (4) Package: equipment Raised on class: equipment.PhysicalPort	Severity: variable Implicitly cleared: true Default probable cause: Los (1077) Applicable probable causes: <ul style="list-style-type: none"> • Los • UsLos • LosOut 	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when Channel absent is detected.		
Remedial action: Please refer 1830 PSS Troubleshooting guide for detailed steps for corrective action.		

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Table 3-320 MixedPFUsed

Alarm	Attributes	Applicable major releases
Name: MixedPFUsed (3376) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.Shelf	Severity: variable Implicitly cleared: true Default probable cause: MixedPFUsed (1205)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when Mixed types of power filters used is detected.		
Remedial action: This alarm indicates that two different types of power filters are provisioned in the shelf. Please follow the below steps to clear this alarm(At the end of each step wait to see if the fault clears. If not proceed with the next step): 1. Identify the power filter model engineered for the installation. 2. Equip the correct matching power filters. 3. Ensure the two power filters are the same type.		

Table 3-321 MobileConnectorDown

Alarm	Attributes	Applicable major releases
Name: MobileConnectorDown (1064) Type: EpcAlarm (59) Package: Iteservice Raised on class: Iteservice.MobileServiceConnector	Severity: minor Implicitly cleared: true Default probable cause: EpcDown (519)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when the 5620 SAM no longer manages the EPS path instance of this mobile service site. As a result, the service must be regenerated.		
Raising condition: ('EPS Path' EQUAL "\")		
Clearing condition: ('EPS Path' NOT EQUAL "\")		
Remedial action: The underlying transport network has gone down resulting in the deletion of a mobile service connector (EPS path). Correct the issue with the transport network and regenerate the mobile service connector by clicking on the re-calculate button on the mobile service properties form.		

Table 3-322 ModulatorOutputPowerOutOfRange

Alarm	Attributes	Applicable major releases
Name: ModulatorOutputPowerOutOfRange (2051) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.PhysicalPort	Severity: variable Implicitly cleared: true Default probable cause: ModOutOOR (1732)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when Modulator output power out of range is detected.		
Remedial action: This procedure details the corrective action for an MODOUTOOR against the OT port. At the end of each step wait to see if the fault clears. If not, continue with the next step.1. If another card failure is reported on the card, follow the procedure for that specific alarm.2. If the port is pluggable module, remove and reinsert the same module. If the alarm does not clear, replace the module.		

Table 3-323 Msim

Alarm	Attributes	Applicable major releases
Name: Msim (3377) Type: communicationsAlarm (4) Package: equipment Raised on class: equipment.PhysicalPort	Severity: variable Implicitly cleared: true Default probable cause: Msim (1206)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when Multiplex Structure Identifier Mismatch is detected.		
Remedial action: Please follow the below steps to clear this alarm: 1. Check if there is a signal degraded alarm reported at OT Port. Perform the corrective action for clearing the alarms found. 2. After all degraded alarms are cleared retrieve the Digital Wrapper performance monitoring group by executing the following command on node CLI: "show interface card_type shelf slot L1 PM DW". 3. Check whether uncorrectable FEC bit errors are reported. If so, perform the action for clearing the signal degraded alarms. 4. After all signal degraded alarms are cleared and no uncorrectable bit errors are reported, check whether the input OTU signal MSI byte is compliant with received OT card settings.		

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Table 3-324 MvrSiteDown

Alarm	Attributes	Applicable major releases
Name: MvrSiteDown (162) Type: ProtocolAlarm (1) Package: layer2 Raised on class: layer2.MvrSite	Severity: warning Implicitly cleared: true Default probable cause: protocolDown (1)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when MVR is disabled on an NE and a TLS VLAN or MVR VLAN service is provisioned on the NE.		
Raising condition: ('MVR Admin Status' EQUAL 'Disabled')		
Clearing condition: ('MVR Admin Status' EQUAL 'Enabled')		
Remedial action: To clear the alarm, enable MVR Admin Status under the Bridge Instance.		

Table 3-325 NeManagementAndTrapManagementMismatch

Alarm	Attributes	Applicable major releases
Name: NeManagementAndTrapManagementMismatch (1079) Type: communicationsAlarm (4) Package: netw Raised on class: netw.NetworkElement	Severity: warning Implicitly cleared: true Default probable cause: neManagementChange (817)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: This user-defined alarm is raised when the NE configuration is one of the following: - The Active Management IP is set to Out Of Band, and the Primary Route Preference is set to In Band. - The Active Management IP is set to In Band, and the Primary Route Preference is set to Out of Band.		
Raising condition: (((('Active Management IP' EQUAL 'In Band') AND (('Management IP Selection' EQUAL 'In Band Preferred') OR ('Management IP Selection' EQUAL 'In Band Only'))) AND ('Primary Route Preference' EQUAL 'Out Of Band') AND ('Secondary Route Preference' EQUAL 'In Band')) OR (('Active Management IP' EQUAL 'Out Of Band') AND (('Management IP Selection' EQUAL 'Out Of Band Preferred') OR ('Management IP Selection' EQUAL 'Out Of Band Only'))) AND ('Primary Route Preference' EQUAL 'In Band') AND ('Secondary Route Preference' EQUAL 'Out Of Band'))		
Clearing condition: (((('Active Management IP' EQUAL 'In Band') AND (('Management IP Selection' EQUAL 'In Band Preferred') OR ('Management IP Selection' EQUAL 'In Band Only'))) AND ('Primary Route Preference' EQUAL 'In Band')) OR (('Active Management IP' EQUAL 'Out Of Band') AND (('Management IP Selection' EQUAL 'Out Of Band Preferred') OR ('Management IP Selection' EQUAL 'Out Of Band Only'))) AND ('Primary Route Preference' EQUAL 'Out Of Band'))		
Remedial action: A configuration error has been made which must be corrected. The parameters described in the description for this alarm must match.		

Table 3-326 NEModeMismatch

Alarm	Attributes	Applicable major releases
Name: NEModeMismatch (3963) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.Shelf	Severity: variable Implicitly cleared: true Default probable cause: NEModeMismatch (1541)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when NE Mode Mismatch is detected.		
Remedial action: Please refer 1830 PSS Troubleshooting guide for detailed steps for corrective action.		

Table 3-327 NetworkTimingProtocolOutOfSync

Alarm	Attributes	Applicable major releases
Name: NetworkTimingProtocolOutOfSync (4865) Type: communicationsAlarm (4) Package: netw Raised on class: netw.NetworkElement	Severity: variable Implicitly cleared: true Default probable cause: NtpOoSync (1933)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when NTP is enabled but not in sync with NTP server is detected.		
Remedial action: 1. Verify provisioned servers are valid and reachable. If not, consult network engineering for correct server addresses. 2. Perform a warm reset on the Equipment Controller that is raising the NTPOOSYNC condition. 3. Perform a cold reset on the Equipment Controller that is raising the NTPOOSYNC condition. 4. Reseat the Equipment Controller that is raising the NTPOOSYNC condition. 5. Replace the Equipment Controller that is raising the NTPOOSYNC condition. Follow the return and repair process to return the card to an authorized repair center for replacement.		

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Table 3-328 NeUnreachable

Alarm	Attributes	Applicable major releases
Name: NeUnreachable (5575) Type: communicationsAlarm (4) Package: netw Raised on class: netw.NetworkElement	Severity: variable Implicitly cleared: true Default probable cause: NeUnreachable (2329)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when NE not reachable.		
Remedial action: Please refer 1830 PSS Troubleshooting guide for detailed steps for corrective action.		

Table 3-329 NewSsh2ServerKeyDetected

Alarm	Attributes	Applicable major releases
Name: NewSsh2ServerKeyDetected (285) Type: communicationsAlarm (4) Package: security Raised on class: security.KnownHostKey	Severity: warning Implicitly cleared: true Default probable cause: ssh2ServerKeyMismatch (217)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when a 5620 SAM main server detects a new public SSH key.		
Raising condition: ('SSH2 Server Key Status' EQUAL 'Mismatch SSH2 Host Key')		
Clearing condition: ('SSH2 Server Key Status' EQUAL 'Active SSH2 Host Key')		
Remedial action: Informational - possible security breach. The SSH key of the router is different from the one known to the SAM server.		

Table 3-330 NKM

Alarm	Attributes	Applicable major releases
Name: NKM (3964) Type: communicationsAlarm (4) Package: equipment Raised on class: equipment.PhysicalPort	Severity: variable Implicitly cleared: true Default probable cause: NKM (1542)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when Encryption Next Key Mismatch is detected.		
Remedial action: Please refer 1830 PSS Troubleshooting guide for detailed steps for corrective action.		

Table 3-331 NodeDatabaseFallbackDetected

Alarm	Attributes	Applicable major releases
Name: NodeDatabaseFallbackDetected (2923) Type: communicationsAlarm (4) Package: netw Raised on class: netw.NetworkElement	Severity: major Implicitly cleared: true Default probable cause: nodeDatabaseFallback (1121)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when a configuration fallback is detected on the node and comes back up with a previous configuration. To correct this situation it might be necessary to reconfigure the node, or perform full resync its database with the 'fallback' configuration returned by the node.		
Raising condition: ('State' EQUAL 'Node Configuration Fallback')		
Clearing condition: ('State' EQUAL 'Managed')		
Remedial action: the NE has come back to a previous configuration. Perform a manual Full Resync or a Reconfigure of the NE		

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Table 3-332 NodeDatabaseMisalignmentDetected

Alarm	Attributes	Applicable major releases
Name: NodeDatabaseMisalignmentDetected (2924) Type: communicationsAlarm (4) Package: netw Raised on class: netw.NetworkElement	Severity: major Implicitly cleared: true Default probable cause: nodeDatabaseMisalignment (1122)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when a configuration misalignment has been detected on the node and comes back up with an unexpected configuration (configuration change triggered by external tool) To correct this situation it might be necessary to reconfigure the node with the 5620 SAM's old configuration or accept the new configuration received from the node.		
Raising condition: ('State' EQUAL 'Node Configuration Misalignment')		
Clearing condition: ('State' EQUAL 'Managed')		
Remedial action: the NE configuration is misaligned. Perform a resync in order to update SAM configuration according to the NE.		

Table 3-333 NodeDeg

Alarm	Attributes	Applicable major releases
Name: NodeDeg (5576) Type: communicationsAlarm (4) Package: netw Raised on class: netw.NetworkElement	Severity: variable Implicitly cleared: true Default probable cause: NodeDeg (2330)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when GMRE degraded.		
Remedial action: Please refer 1830 PSS Troubleshooting guide for detailed steps for corrective action.		

Table 3-334 NodeRebooted

Alarm	Attributes	Applicable major releases
Name: NodeRebooted (32) Type: equipmentAlarm (3) Package: netw Raised on class: netw.NetworkElement	Severity: warning Implicitly cleared: false Default probable cause: nodeReboot (25)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when the 5620 SAM detects an NE reboot based on the latest NE sysUpTime value.		
Remedial action: Informational - if the alarm persists please contact Alcatel-Lucent support for assistance		

Table 3-335 NodeSuspended

Alarm	Attributes	Applicable major releases
Name: NodeSuspended (5123) Type: communicationsAlarm (4) Package: netw Raised on class: netw.NetworkElement	Severity: critical Implicitly cleared: true Default probable cause: NodeSuspend (2057)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when the 5620 SAM detects an NE moved to suspend state as per user request.		
Raising condition: ('SNMP Reachability' EQUAL 'Suspended')		
Clearing condition: ('SNMP Reachability' NOT EQUAL 'Suspended')		
Remedial action: This alarm is raised when user suspends the network element. The alarm will be cleared when the network element is managed back.		

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Table 3-336 NoDeviceFound

Alarm	Attributes	Applicable major releases
Name: NoDeviceFound (4962) Type: equipmentAlarm (3) Package: rmd Raised on class: rmd.Device	Severity: variable Implicitly cleared: true Default probable cause: RmdNDF (2017)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when the RMD Device can not be found.		
Remedial action: Informational - Please ensure the RMD is installed correctly.		

Table 3-337 NoTdmPayload

Alarm	Attributes	Applicable major releases
Name: NoTdmPayload (5595) Type: communicationsAlarm (4) Package: rmd Raised on class: rmd.TsopChannel	Severity: variable Implicitly cleared: true Default probable cause: RmdTsopNoTdmPI (2348)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when 8 contiguous TSoP packets received with L-bit =" 1. It means that the far end is experiencing a TDM LOS or LOF condition."		
Remedial action: Please refer 1830 PSS Troubleshooting guide for detailed steps for corrective action		

Table 3-338 NtpChkSig

Alarm	Attributes	Applicable major releases
Name: NtpChkSig (5403) Type: communicationsAlarm (4) Package: netw Raised on class: netw.NetworkElement	Severity: major Implicitly cleared: false Default probable cause: NtpAuthFail (2112)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when Invalid signatures are discovered on incoming NTP packets.		
Remedial action: Verify that the authentication signatures are valid for the NTP server.		

Table 3-339 NtpLor

Alarm	Attributes	Applicable major releases
Name: NtpLor (3888) Type: equipmentAlarm (3) Package: netw Raised on class: netw.NetworkElement	Severity: variable Implicitly cleared: true Default probable cause: NtpLor (1484)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when Multiple references provisioned backup not available is detected.		
Remedial action: Verify provisioned servers are valid and reachable. If not, consult network engineering for correct server addresses. Perform a warm reset on the Equipment Controller that is raising the NTPOOSYNC condition. Perform a cold reset on the Equipment Controller that is raising the NTPOOSYNC condition. Reseat the Equipment Controller that is raising the NTPOOSYNC condition. Replace the Equipment Controller that is raising the NTPOOSYNC condition. Follow the return and repair process to return the card to an authorized repair center for replacement.		

Table 3-340 NTPOperDown

Alarm	Attributes	Applicable major releases
Name: NTPOperDown (4879) Type: communicationsAlarm (4) Package: ntp Raised on class: ntp.NTP	Severity: info Implicitly cleared: true Default probable cause: NTPOperDown (1943)	<ul style="list-style-type: none"> • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is generated when the NTP Operational State is down for NTP.		
Raising condition: (('Operational State' EQUAL 'Down') AND ('NTP State' EQUAL 'Enabled'))		
Clearing condition: (('Operational State' EQUAL 'Up') OR ('NTP State' EQUAL 'Disabled'))		
Remedial action: Please check if NTP is administratively enabled (Admin State in NTP General Tab). If admin state down, enable it to make NTP operationally up.		

Table 3-341 NunvComm

Alarm	Attributes	Applicable major releases
Name: NunvComm (5577) Type: communicationsAlarm (4) Package: netw Raised on class: netw.NetworkElement	Severity: variable Implicitly cleared: true Default probable cause: NunvComm (2331)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when nominal unavailable - communication problem.		
Remedial action: Please refer 1830 PSS Troubleshooting guide for detailed steps for corrective action.		

Table 3-342 NunvConfig

Alarm	Attributes	Applicable major releases
Name: NunvConfig (5578) Type: communicationsAlarm (4) Package: netw Raised on class: netw.NetworkElement	Severity: variable Implicitly cleared: true Default probable cause: NunvConfig (2332)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when nominal unavailable - configuration problem.		
Remedial action: Please refer 1830 PSS Troubleshooting guide for detailed steps for corrective action.		

Table 3-343 NunvIndetermined

Alarm	Attributes	Applicable major releases
Name: NunvIndetermined (5579) Type: communicationsAlarm (4) Package: netw Raised on class: netw.NetworkElement	Severity: variable Implicitly cleared: true Default probable cause: NunvIndetermined (2333)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when nominal unavailable - indetermined problem.		
Remedial action: Please refer 1830 PSS Troubleshooting guide for detailed steps for corrective action.		

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Table 3-344 NunvReversion

Alarm	Attributes	Applicable major releases
Name: NunvReversion (5580) Type: communicationsAlarm (4) Package: netw Raised on class: netw.NetworkElement	Severity: variable Implicitly cleared: true Default probable cause: NunvReversion (2334)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when nominal unavailable - reversion preempt.		
Remedial action: Please refer 1830 PSS Troubleshooting guide for detailed steps for corrective action.		

Table 3-345 NunvTpBlocked

Alarm	Attributes	Applicable major releases
Name: NunvTpBlocked (5581) Type: communicationsAlarm (4) Package: netw Raised on class: netw.NetworkElement	Severity: variable Implicitly cleared: true Default probable cause: NunvTpBlocked (2335)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when nominal unavailable - TP blocked.		
Remedial action: Please refer 1830 PSS Troubleshooting guide for detailed steps for corrective action.		

Table 3-346 NunvTransmission

Alarm	Attributes	Applicable major releases
Name: NunvTransmission (5582) Type: communicationsAlarm (4) Package: netw Raised on class: netw.NetworkElement	Severity: variable Implicitly cleared: true Default probable cause: NunvTransmission (2336)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when nominal unavailable - transmission problem.		
Remedial action: Please refer 1830 PSS Troubleshooting guide for detailed steps for corrective action.		

Table 3-347 NvMismatch

Alarm	Attributes	Applicable major releases
Name: NvMismatch (5583) Type: communicationsAlarm (4) Package: netw Raised on class: netw.NetworkElement	Severity: variable Implicitly cleared: true Default probable cause: NvMismatch (2337)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when DPR NV mismatch.		
Remedial action: Please refer 1830 PSS Troubleshooting guide for detailed steps for corrective action.		

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Table 3-348 OAPumpLaserBiasCurrentHigh

Alarm	Attributes	Applicable major releases
Name: OAPumpLaserBiasCurrentHigh (4513) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.CardSlot	Severity: variable Implicitly cleared: true Default probable cause: OaPumpBiasCurrHigh (1042)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when OA pump laser bias current high is detected.		
Remedial action: Please refer 1830 PSS Troubleshooting guide for detailed steps for corrective action.		

Table 3-349 OAPumpLaserTempHigh

Alarm	Attributes	Applicable major releases
Name: OAPumpLaserTempHigh (4514) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.CardSlot	Severity: variable Implicitly cleared: true Default probable cause: OaPumpTempHigh (1043)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when OA pump laser temperature high is detected.		
Remedial action: Please refer 1830 PSS Troubleshooting guide for detailed steps for corrective action.		

Table 3-350 OchFdi

Alarm	Attributes	Applicable major releases
Name: OchFdi (4516) Type: communicationsAlarm (4) Package: equipment Raised on class: equipment.PhysicalPort	Severity: variable Implicitly cleared: true Default probable cause: OchFdi (1734)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when Channel FDI is detected.		
Remedial action: An automatic and fully distributed capability which indicates a failure in a server networking layer (e.g., Physical Layer). When used with other mechanisms such as CV (Connectivity Verification), it can indicate defects such as misbranching of LSPs and errors in swapping LSP label. Please refer relevant section in 1830 PSS Troubleshooting guide for either OCHFDI (Optical Channel Forward Defect Indication) or VTSFDI (VTS Forward Defect Indication)		

Table 3-351 OchKeysReused

Alarm	Attributes	Applicable major releases
Name: OchKeysReused (5180) Type: communicationsAlarm (4) Package: equipment Raised on class: equipment.PhysicalPort	Severity: variable Implicitly cleared: true Default probable cause: OchKeysReused (2096)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when Wave Key pair is re-used for channel on Node.		
Remedial action: Please refer 1830 PSS Troubleshooting guide for detailed steps for corrective action.		

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Table 3-352 OchKeyUnavail

Alarm	Attributes	Applicable major releases
Name: OchKeyUnavail (5179) Type: communicationsAlarm (4) Package: equipment Raised on class: equipment.PhysicalPort	Severity: variable Implicitly cleared: true Default probable cause: OchKeyUnavail (2095)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when Wave Key is Not Available.		
Remedial action: Please refer 1830 PSS Troubleshooting guide for detailed steps for corrective action.		

Table 3-353 OchLos

Alarm	Attributes	Applicable major releases
Name: OchLos (4517) Type: communicationsAlarm (4) Package: equipment Raised on class: equipment.PhysicalPort	Severity: variable Implicitly cleared: true Default probable cause: Los (1077) Applicable probable causes: <ul style="list-style-type: none"> • Los • LosP 	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when Loss of Signal - OCH is detected.		
Remedial action: Please refer 1830 PSS Troubleshooting guide for detailed steps for corrective action.		

Table 3-354 OchPdi

Alarm	Attributes	Applicable major releases
Name: OchPdi (4518) Type: communicationsAlarm (4) Package: equipment Raised on class: equipment.PhysicalPort	Severity: variable Implicitly cleared: true Default probable cause: OchPdi (1736)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when Channel PDI is detected.		
Remedial action: Please refer 1830 PSS Troubleshooting guide for detailed steps for corrective action.		

Table 3-355 OciOut

Alarm	Attributes	Applicable major releases
Name: OciOut (4519) Type: communicationsAlarm (4) Package: equipment Raised on class: equipment.PhysicalPort	Severity: variable Implicitly cleared: true Default probable cause: OciOut (1737) Applicable probable causes: <ul style="list-style-type: none"> • OciOut • OCI 	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when Outgoing Open Connection Indication - ODU is detected.		
Remedial action: Please refer 1830 PSS Troubleshooting guide for detailed steps for corrective action.		

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Table 3-356 OcsUnavail

Alarm	Attributes	Applicable major releases
Name: OcsUnavail (4384) Type: communicationsAlarm (4) Package: netw Raised on class: netw.NetworkElement	Severity: variable Implicitly cleared: true Default probable cause: OcsUnavail (1568)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when DWDM-OCS link down is detected.		
Remedial action: Proceed to Procedure - Clear DWDM-OCS link down in 1830 PSS Troubleshooting guide.		

Table 3-357 OduAis

Alarm	Attributes	Applicable major releases
Name: OduAis (3379) Type: communicationsAlarm (4) Package: equipment Raised on class: equipment.PhysicalPort	Severity: variable Implicitly cleared: true Default probable cause: OduAis (1208)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when ODU-AIS is detected.		
Remedial action: This alarm indicates that the OT port has detected an ODU-AIS at the ODUK level. Please follow the below steps to clear this alarm (At the end of each step wait to see if the fault clears. If not proceed with the next step): 1. Retrieve power level reading on the local OT port. 2. If power level is low on the DWDM facing port, identify the associated OCh trail and verify the power levels along the OCh trail. 3. Identify the farthest upstream point relative to the far end OTUK port at which power level falls within the expected range. 4. Check the alarms/conditions on the node located in step 3 or the node immediately upstream from point identified in step 3. 5. Correct the problem identified in Step 4. 6. If all the power levels along the OCh trails fall within the target range, locate the fiber connected directly to receiver of the port which detects SSF condition. 7. Clean the fiber. 8. Replace the fiber. 9. If the problem is detected on the client port of 11STAR1 OT, and the power level is within the operating range, check for pluggable module alarms. 10. Replace the pluggable module.		

Table 3-358 OduAisEgress

Alarm	Attributes	Applicable major releases
Name: OduAisEgress (3380) Type: communicationsAlarm (4) Package: equipment Raised on class: equipment.PhysicalPort	Severity: variable Implicitly cleared: true Default probable cause: OduAisEgress (1209)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when ODU Egress - AIS is detected.		
Remedial action: 1. Retrieve power level reading on the local OT port. 2. If power level is low on the DWDM facing port, identify the associated OCh trail and verify the power levels along the OCh trail. 3. Identify the farthest upstream point relative to the far end OTUK port at which power level falls within the expected range. 4. Check the alarms/conditions on the node located in Step 3 or the node immediately upstream from point identified in Step 3. 5. Correct the problem identified in Step 4. 6. If all power levels along the OCh trails fall within the target range, locate the fiber connected directly to receiver of the port which detects SSFODUEGR condition. 7. Clean the fiber. 8. If cleaning the fiber does not clear the problem, replace the fiber. 9. If the problem is detected on the client port of OT, and the power level is within the operating range, check for pluggable module alarms. 10. Replace the pluggable module.		

Table 3-359 OduAisOut

Alarm	Attributes	Applicable major releases
Name: OduAisOut (4520) Type: communicationsAlarm (4) Package: equipment Raised on class: equipment.PhysicalPort	Severity: variable Implicitly cleared: true Default probable cause: OduAisOut (1738)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when ODU-AIS OUT is detected.		
Remedial action: Please refer 1830 PSS Troubleshooting guide for detailed steps for corrective action.		

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Table 3-360 OmsSSF

Alarm	Attributes	Applicable major releases
Name: OmsSSF (3965) Type: communicationsAlarm (4) Package: equipment Raised on class: equipment.PhysicalPort	Severity: variable Implicitly cleared: true Default probable cause: OmsSSF (1543)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when OMS Server Signal Failure is detected.		
Remedial action: 1 Check the alarms/conditions for the ingress transmission defects which has been report on the same LD point for OMS Server Signal Failure.2 Identify the OTS layer alarm/condition (such as LOS-P) relative to SSF-OMS.3 Perform the steps in Procedure : Clear Incoming payload LOS for clearing the identified alarm/condition.4 Refresh the list of current alarms, and check whether the OMS SSF alarm has cleared.		

Table 3-361 OneTimingModuleFailed

Alarm	Attributes	Applicable major releases
Name: OneTimingModuleFailed (4521) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.CardSlot	Severity: variable Implicitly cleared: true Default probable cause: SyncClk (1085)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when System timing synchronization unit failure is detected.		
Remedial action: Please refer 1830 PSS Troubleshooting guide for detailed steps for corrective action.		

Table 3-362 OpenConnectionIndication

Alarm	Attributes	Applicable major releases
Name: OpenConnectionIndication (4522) Type: communicationsAlarm (4) Package: equipment Raised on class: equipment.PhysicalPort	Severity: variable Implicitly cleared: true Default probable cause: Oci (1739) Applicable probable causes: <ul style="list-style-type: none"> • Oci • OpenConnectionIndicationEgress 	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when Open Connection Indication is detected.		
Remedial action: Please refer 1830 PSS Troubleshooting guide for detailed steps for corrective action.		

Table 3-363 OpenConnectionIndicationEgress

Alarm	Attributes	Applicable major releases
Name: OpenConnectionIndicationEgress (4923) Type: communicationsAlarm (4) Package: equipment Raised on class: equipment.PhysicalPort	Severity: variable Implicitly cleared: true Default probable cause: OpenConnectionIndicationEgress (1740)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when Open Connection Indication Egress - ODU .		
Remedial action: Please refer 1830 PSS Troubleshooting guide for detailed steps for corrective action.		

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Table 3-364 OprPwrHigh

Alarm	Attributes	Applicable major releases
Name: OprPwrHigh (3381) Type: communicationsAlarm (4) Package: equipment Raised on class: equipment.PhysicalPort	Severity: variable Implicitly cleared: true Default probable cause: OprPwrHigh (1210)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when Out of operational range - input power too high is detected.		
Remedial action: This alarm is raised when the signal power into the LINE or SIG port of an amplifier is too high. For corrective action please refer 1830 PSS Maintenance and Trouble-Clearing User Guide.		

Table 3-365 OprPwrLow

Alarm	Attributes	Applicable major releases
Name: OprPwrLow (3382) Type: communicationsAlarm (4) Package: equipment Raised on class: equipment.PhysicalPort	Severity: variable Implicitly cleared: true Default probable cause: OprPwrLow (1211)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when Out of operational range - input power too low is detected.		
Remedial action: This alarm is raised when the signal power into the LINE or SIG port of an amplifier is too low. For corrective action please refer 1830 PSS Maintenance and Trouble-Clearing User Guide.		

Table 3-366 OprTx

Alarm	Attributes	Applicable major releases
Name: OprTx (3383) Type: communicationsAlarm (4) Package: equipment Raised on class: equipment.PhysicalPort	Severity: variable Implicitly cleared: true Default probable cause: OprTx (1212)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when Channel power unstable is detected.		
Remedial action: This alarm is raised on cards with a Wavelength Tracker detect point when the power is outside of the provisioned power range. For corrective action please refer 1830 PSS Maintenance and Trouble-Clearing User Guide.		

Table 3-367 OpticalOutputPowerUnachievable

Alarm	Attributes	Applicable major releases
Name: OpticalOutputPowerUnachievable (4524) Type: communicationsAlarm (4) Package: equipment Raised on class: equipment.PhysicalPort	Severity: variable Implicitly cleared: true Default probable cause: OprUnachieve (961)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when Channel power unachievable is detected.		
Remedial action: Please refer 1830 PSS Troubleshooting guide for detailed steps for corrective action.		

Table 3-368 OpticalParamErr

Alarm	Attributes	Applicable major releases
Name: OpticalParamErr (5584) Type: communicationsAlarm (4) Package: netw Raised on class: netw.NetworkElement	Severity: variable Implicitly cleared: true Default probable cause: OpticalParamErr (2338)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when optical parameter file error.		
Remedial action: Please refer 1830 PSS Troubleshooting guide for detailed steps for corrective action.		

Table 3-369 OpticalPowerDeviation

Alarm	Attributes	Applicable major releases
Name: OpticalPowerDeviation (4525) Type: communicationsAlarm (4) Package: equipment Raised on class: equipment.PhysicalPort	Severity: variable Implicitly cleared: true Default probable cause: Opr (1678)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when Channel power unstable is detected.		
Remedial action: Please refer 1830 PSS Troubleshooting guide for detailed steps for corrective action.		

Table 3-370 OpticalPowerReceivedOutOfRange

Alarm	Attributes	Applicable major releases
Name: OpticalPowerReceivedOutOfRange (2064) Type: communicationsAlarm (4) Package: equipment Raised on class: equipment.PhysicalPort	Severity: variable Implicitly cleared: true Default probable cause: OprOOR (1742)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when Optical power received out of range is detected.		
Remedial action: This alarm indicates that the OT port has detected a received optical power out of range at OCh Layer. Please follow the below steps to clear this alarm: 1. Retrieve power level reading on the local port. 2. If input power level is lower or higher than required on the port, identify the associated OCh trail and verify the power levels along the OCh trail. If power levels along the upstream OCh trail are outside of their targeted range, then troubleshoot the port before continuing. If any power deviations raise additional alarms, troubleshoot them first. 3. If all power levels along the OCh trails fall within the target range, locate the fiber connected directly to receiver of the port. 4. Clean the fiber and check it for kinks. 5. If step 3 does not clear the alarm, replace the fiber. 6. Clean the input port of the OT. If the port is pluggable module, replace the module.		

Table 3-371 OpticalTest

Alarm	Attributes	Applicable major releases
Name: OpticalTest (8164) Type: communicationsAlarm (4) Package: equipment Raised on class: equipment.PhysicalPort	Severity: variable Implicitly cleared: true Default probable cause: OpticalTest (2556)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when Optical testing in progress.		
Remedial action: Please refer 1830 PSS Troubleshooting guide for detailed steps for corrective action.		

Table 3-372 OpticsModuleMismatch

Alarm	Attributes	Applicable major releases
Name: OpticsModuleMismatch (2065) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.PhysicalPort	Severity: variable Implicitly cleared: true Default probable cause: MismatchSfpXfp (1743)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when Pluggable Module mismatch is detected.		
Remedial action: This alarm indicates that either the detected shelf identifier does not match the provisioned shelf identifier, or a pluggable module is installed on an Egress LD. Please follow the below steps to clear this alarm(At the end of each step wait to see if the fault clears. If not proceed with the next step): 1. Verify the type of pluggable module that is currently installed into the alarmed card. 2. If the inserted pluggable module is of correct type by the service record but the MODULETYPE attribute is not correct, then modify the MODULETYPE value. 3. If the inserted pluggable module is of the incorrect type, then remove the module and insert one that matches the expected module type. 4. If the inserted pluggable module is of the correct type, then remove the module and reseal it back into the card. For detailed steps please refer 1830 PSS Maintenance and Trouble-Clearing User Guide.		

Table 3-373 OpticsModuleUnknown

Alarm	Attributes	Applicable major releases
Name: OpticsModuleUnknown (3386) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.PhysicalPort	Severity: variable Implicitly cleared: true Default probable cause: UnknownSfpXfp (1744)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when Pluggable Module unknown is detected.		
Remedial action: This alarm indicates that the optics module(pluggable module) inserted in the port is of type that is not recognized and the system cannot obtain manufacturing information of the unit. Please follow the below steps to clear this alarm(At the end of each step wait to see if the fault clears. If not proceed with the next step): 1. To clear the pack while it is still in service, do one of the following: a. Change the notification from a standing alarm to a transient condition, or b. Change the MODULETYPE provisioning(from "auto" to "user"). 2. Perform a warm reset of the card. 3. Remove the pluggable module and examine the connector on the pluggable module and the receptacle connector on the card where the pluggable module plugs into for any damage. 4. Remove and replace the pluggable module with another unit of the same type. 5. Perform a cold reset of the card. 6. Reseat the card. 7. If there is no transmission, check that the provisioned signal rate is supported by the pluggable module. 8. Replace the card. For detailed steps please refer 1830 PSS Maintenance and Trouble-Clearing User Guide.		

Table 3-374 OptIntBase

Alarm	Attributes	Applicable major releases
Name: OptIntBase (4523) Type: communicationsAlarm (4) Package: equipment Raised on class: equipment.PhysicalPort	Severity: variable Implicitly cleared: true Default probable cause: OptIntBase (1741)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when Optical Intrusion - Baseline Needed is detected.		
Remedial action: Please refer 1830 PSS Troubleshooting guide for detailed steps for corrective action.		

Table 3-375 OptIntDet

Alarm	Attributes	Applicable major releases
Name: OptIntDet (3384) Type: communicationsAlarm (4) Package: equipment Raised on class: equipment.PhysicalPort	Severity: variable Implicitly cleared: true Default probable cause: OptIntDet (1213)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when Optical Intrusion - Detected is detected.		
Remedial action: Click the Optical Intrusion tab. Select the Clear Optical Intrusion Detected Alarm field, and click Submit.		

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Table 3-376 OptIntSusp

Alarm	Attributes	Applicable major releases
Name: OptIntSusp (3385) Type: communicationsAlarm (4) Package: equipment Raised on class: equipment.PhysicalPort	Severity: variable Implicitly cleared: true Default probable cause: OptIntSusp (1214)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when Optical Intrusion - Monitoring Suspended is detected.		
Remedial action: Optical intrusion monitoring to the line fibre is suspended due to local or upstream NE conditions. The alarm could be due to a variety of NE alarms such as NET, LOS-P, APR and CARDINIT. The OPTINTSUSP alarm clears when the underlying cause clears. Follow the respective procedure to clear the underlying cause alarms.		

Table 3-377 OrphanNodeDetected

Alarm	Attributes	Applicable major releases
Name: OrphanNodeDetected (4866) Type: discoveryControlAlarm (33) Package: netw Raised on class: netw.AdvertisedNode	Severity: major Implicitly cleared: true Default probable cause: nodeNotMangedByAnyEms (1934)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when node is node managed by any EMS after n retries(threshold crossed) it is manually cleared by the operator or when the node is discovered.		
Raising condition: ('State' EQUAL 'Orphan')		
Remedial action: The NE is not managed by any SAM. Add an discovery rule in order to managed it.		

Table 3-378 OSNRMESC

Alarm	Attributes	Applicable major releases
Name: OSNRMESC (4922) Type: configurationAlarm (11) Package: equipment Raised on class: equipment.CardSlot	Severity: variable Implicitly cleared: true Default probable cause: OSNRMESC (1986)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when OSNR Measurement Exclusive on Selected Channels .		
Remedial action: Please refer 1830 PSS Troubleshooting guide for detailed steps for corrective action.		

Table 3-379 OSPFADJ

Alarm	Attributes	Applicable major releases
Name: OSPFADJ (3378) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.PhysicalPort	Severity: variable Implicitly cleared: true Default probable cause: OSPFADJ (1207)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when OSPF Adjacency not Full is detected.		
Remedial action: Please refer 1830 PSS Troubleshooting guide for detailed steps for corrective action.		

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Table 3-380 OspfInterfaceDown

Alarm	Attributes	Applicable major releases
Name: OspfInterfaceDown (141) Type: OspfInterfaceDown (24) Package: ospf Raised on class: ospf.Interface	Severity: warning Implicitly cleared: true Default probable cause: OspfInterfaceDown (112)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when an OSPF interface is operationally down.		
Raising condition: ('operationalState' EQUAL 'Down')		
Clearing condition: ('operationalState' NOT EQUAL 'Down')		
Remedial action: This alarm is raised when the OSPF interface is operationally down. The situation may occur if the underlying physical interface is down either because of administrative disabling or a fault on the far end port or due to a cable connection or cable failure. This alarm will also be raised if the underlying transport network fails or is unreliable. Resolving the underlying instability in the transport network will correct this problem.		

Table 3-381 OTMCPF

Alarm	Attributes	Applicable major releases
Name: OTMCPF (4515) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.CardSlot	Severity: variable Implicitly cleared: true Default probable cause: OTMCPF (1733)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when OT minor circuit pack failure is detected.		
Remedial action: Please refer 1830 PSS Troubleshooting guide for detailed steps for corrective action.		

Table 3-382 OtuAis

Alarm	Attributes	Applicable major releases
Name: OtuAis (4526) Type: communicationsAlarm (4) Package: equipment Raised on class: equipment.PhysicalPort	Severity: variable Implicitly cleared: true Default probable cause: OtuAis (1745)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when OTU AIS is detected.		
Remedial action: Please refer 1830 PSS Troubleshooting guide for detailed steps for corrective action.		

Table 3-383 OverTemperatureDetected

Alarm	Attributes	Applicable major releases
Name: OverTemperatureDetected (388) Type: environmentalAlarm (2) Package: equipment Raised on class: equipment.Shelf	Severity: major Implicitly cleared: true Default probable cause: equipmentOverheated (5)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when the chassis temperature exceeds the maximum threshold value.		
Raising condition: ('Over Temperature State' EQUAL 'Over')		
Clearing condition: ('Over Temperature State' NOT EQUAL 'Over')		
Remedial action: The NE has detected internal temperatures which are abnormally high. This could be caused by a failed fan unit or one or more dirty fan filters. Replacing the failed unit or filters should resolve the problem. Alternately the environment that the NE is operating in may not be within specifications found in the NE user guides.		

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Table 3-384 PacketCardInit

Alarm	Attributes	Applicable major releases
Name: PacketCardInit (8165) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.CardSlot	Severity: variable Implicitly cleared: true Default probable cause: PacketCardInit (2557)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when Packet card initializing.		
Remedial action: Please refer 1830 PSS Troubleshooting guide for detailed steps for corrective action.		

Table 3-385 PartialResyncProblem

Alarm	Attributes	Applicable major releases
Name: PartialResyncProblem (4401) Type: communicationsAlarm (4) Package: netw Raised on class: netw.NetworkElement	Severity: warning Implicitly cleared: true Default probable cause: partialResyncProblem (1578)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when a partial resync on an NE fails. For example, when resyncing only some MIB entries as opposed to a full resync. The periodic reachability test (sysUpTime) is not considered a partial resync, neither is a full resync. However, a PartialResyncProblem alarm can only be reset by a FullResync.		
Raising condition: ('partialResyncStatus' EQUAL 'Partial Resync Failed')		
Clearing condition: ('partialResyncStatus' EQUAL 'Partial Resync Done')		
Remedial action: Informational - if the alarm persists or is occurring frequently then investigation is required to understand a) why the underlying transport network is unreliable or b) why the NE is too busy to respond to 5620 SAM or c) has SNMP been disabled on the NE.		

Table 3-386 PayloadTypeMismatch

Alarm	Attributes	Applicable major releases
Name: PayloadTypeMismatch (4527) Type: communicationsAlarm (4) Package: equipment Raised on class: equipment.PhysicalPort	Severity: variable Implicitly cleared: true Default probable cause: Plm (1746) Applicable probable causes: <ul style="list-style-type: none"> • Plm • PayloadTypeMismatchEgress 	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when Payload Type Mismatch is detected.		
Remedial action: Please refer 1830 PSS Troubleshooting guide for detailed steps for corrective action.		

Table 3-387 PayloadTypeMismatchEgress

Alarm	Attributes	Applicable major releases
Name: PayloadTypeMismatchEgress (4924) Type: communicationsAlarm (4) Package: equipment Raised on class: equipment.PhysicalPort	Severity: variable Implicitly cleared: true Default probable cause: PayloadTypeMismatchEgress (1747)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when Payload Type Mismatch Egress - ODU .		
Remedial action: Please refer 1830 PSS Troubleshooting guide for detailed steps for corrective action.		

Table 3-388 PCSGeneratorActive

Alarm	Attributes	Applicable major releases
Name: PCSGeneratorActive (3387) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.PhysicalPort	Severity: variable Implicitly cleared: true Default probable cause: PCSGeneratorActive (1216)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when PCS Generator active is detected.		
Remedial action: This alarm is raised when the signal loopback test is in progress at the 100GA/D client port. To clear this alarm please execute the following command from the node CLI: "config interface card_type shelf slot c1 loopback testsignal disabled".		

Table 3-389 PersistentIndexParametersMisconfigured

Alarm	Attributes	Applicable major releases
Name: PersistentIndexParametersMisconfigured (173) Type: configurationAlarm (11) Package: netw Raised on class: netw.NetworkElement	Severity: major Implicitly cleared: true Default probable cause: persistentIndexConfigurationMismatch (136)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when persistence is set to Off in the NE BOF.		
Raising condition: (('Persistent SNMP Indices' EQUAL 'False') OR (('hasRedundantProcessorCards' EQUAL 'true') AND ('Redundant Synchronization Mode' EQUAL 'None')))		
Clearing condition: (('Persistent SNMP Indices' EQUAL 'True') AND (('hasRedundantProcessorCards' EQUAL 'false') OR ('Redundant Synchronization Mode' NOT EQUAL 'None')))		
Remedial action: A configuration error has occurred that must be corrected. Use the CLI on the NE to enable persistency in the BOF. The discovery process will complete on the next discovery scan. A re-scan can be triggered immediately for the NE from within the discovery manager		

Table 3-390 PhysicalLinkPortsMisconfigured

Alarm	Attributes	Applicable major releases
Name: PhysicalLinkPortsMisconfigured (239) Type: configurationAlarm (11) Package: netw Raised on class: netw.AbstractPhysicalLink	Severity: minor Implicitly cleared: true Default probable cause: physicalLinkPortsMisconfigured (181)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when there is an MTU size mismatch between a link endpoint and a port. The alarm clears when the MTUs match.		
Raising condition: ('physicalLinkMisconfigured' EQUAL 'true')		
Clearing condition: ('physicalLinkMisconfigured' EQUAL 'false')		
Remedial action: A configuration error has been made which must be corrected. The MTU value(s) on the link endpoint and port must be changed such that they match.		

Table 3-391 PlmOduOut

Alarm	Attributes	Applicable major releases
Name: PlmOduOut (4528) Type: communicationsAlarm (4) Package: equipment Raised on class: equipment.PhysicalPort	Severity: variable Implicitly cleared: true Default probable cause: PlmOduOut (1748) Applicable probable causes: <ul style="list-style-type: none"> • PlmOduOut • PLMP 	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when Outgoing Payload Mismatch Indication - ODU is detected.		
Remedial action: Please refer 1830 PSS Troubleshooting guide for detailed steps for corrective action.		

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Table 3-392 PollerProblem

Alarm	Attributes	Applicable major releases
Name: PollerProblem (31) Type: communicationsAlarm (4) Package: netw Raised on class: netw.NetworkElement	Severity: warning Implicitly cleared: true Default probable cause: resyncFailed (24)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when the 5620 SAM is unable to poll a network object, for example, because of intermittent or no IP connectivity to an NE, incorrect SNMP security parameters, or disabled SNMP on the NE.		
Raising condition: ('Resync Status' EQUAL 'Full Resync Failed')		
Clearing condition: ('Resync Status' EQUAL 'Full Resync Done')		
Remedial action: Informational - if the alarm persists or is occurring frequently then investigation is required to understand a) why the underlying transport network is unreliable or b) why the NE is too busy to respond to 5620 SAM or c) has SNMP been disabled on the NE. Once the issue has been resolved SAM will automatically re-attempt.		

Table 3-393 PortDegrade

Alarm	Attributes	Applicable major releases
Name: PortDegrade (4529) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.PhysicalPort	Severity: variable Implicitly cleared: true Default probable cause: FacTermDgr (1749)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when Port degrade device is detected.		
Remedial action: Please refer 1830 PSS Troubleshooting guide for detailed steps for corrective action.		

Table 3-394 PortEtherSymMonSDAlarm

Alarm	Attributes	Applicable major releases
Name: PortEtherSymMonSDAlarm (5662) Type: communicationsAlarm (4) Package: ethernetequipment Raised on class: ethernetequipment.EthernetPortSpecifics	Severity: major Implicitly cleared: true Default probable cause: etherPortSymMonSDThresholdExceededAlarm (2439)	<ul style="list-style-type: none"> • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when an Ethernet port Symbol Monitor Failure alarm condition is detected (Signal Degradation Threshold exceeded).		
Raising condition: ('Symbol Alarm Reason' EQUAL 'SD Threshold Exceeded')		
Clearing condition: ('Symbol Alarm Reason' NOT EQUAL 'SD Threshold Exceeded')		
Remedial action: Symbol monitor signal degradation alarm could be cleared by changing/disabling the associated threshold/multiplier values or it is self clearing and will clear once the error rate drops below 1/10th of the configured rate.		

Table 3-395 PortEtherSymMonSFAlarm

Alarm	Attributes	Applicable major releases
Name: PortEtherSymMonSFAlarm (5663) Type: communicationsAlarm (4) Package: ethernetequipment Raised on class: ethernetequipment.EthernetPortSpecifics	Severity: major Implicitly cleared: true Default probable cause: etherPortSymMonSFThresholdExceededAlarm (2440)	<ul style="list-style-type: none"> • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when an Ethernet port Symbol Monitor Failure alarm condition is detected (Signal Failure Threshold exceeded).		
Raising condition: ('Symbol Alarm Reason' EQUAL 'SF Threshold Exceeded')		
Clearing condition: ('Symbol Alarm Reason' NOT EQUAL 'SF Threshold Exceeded')		
Remedial action: Symbol monitor signal failure alarm could be cleared by changing/disabling the associated threshold/multiplier values or by taking the port out of service (eg. shutdown, card/mda reset, physical link loss).		

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Table 3-396 PortFailure

Alarm	Attributes	Applicable major releases
Name: PortFailure (2070) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.PhysicalPort	Severity: variable Implicitly cleared: true Default probable cause: FacTermDev (1750) Applicable probable causes: <ul style="list-style-type: none"> • FacTermDev • Eqpt • Mtcssurv 	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when Pluggable Module SEEP failure is detected.		
Remedial action: This alarm indicates a port indicates a port initialization failure on the network ports(10G ports). Please follow the below steps to clear this alarm: 1. Perform a warm reset of the card. 2. Perform a cold reset of the card. 3. Reseat the card. 4. Remove the pluggable module from the port. Examine the connector on the pluggable module and the receptacle connector on the card where the pluggable module plugs into for any damage. 5. Remove and replace the pluggable module with another unit of the same type. 6. Replace the card. For detailed steps please refer 1830 PSS Maintenance and Trouble-Clearing User Guide.		

Table 3-397 PortMismatch

Alarm	Attributes	Applicable major releases
Name: PortMismatch (4530) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.PhysicalPort	Severity: variable Implicitly cleared: true Default probable cause: Mismatch (1034)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when Port provisioning mismatch is detected.		
Remedial action: Please refer 1830 PSS Troubleshooting guide for detailed steps for corrective action.		

Table 3-398 PortTransmissionDegrade

Alarm	Attributes	Applicable major releases
Name: PortTransmissionDegrade (2071) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.PhysicalPort	Severity: variable Implicitly cleared: true Default probable cause: LsrOutDgr (1052)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when Port transmit degrade is detected.		
Remedial action: Please refer 1830 PSS Troubleshooting guide for detailed corrective action.		

Table 3-399 PortTransmissionFailure

Alarm	Attributes	Applicable major releases
Name: PortTransmissionFailure (3388) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.PhysicalPort	Severity: variable Implicitly cleared: true Default probable cause: Trmt (1217)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when Port transmit failure is detected.		
Remedial action: 1. Perform a warm reset of the card.2. Remove the pluggable module from the port on the card it is inserted in. Examine the connector on the pluggable module and the receptacle connector on the card where the pluggable module plugs into for any damage. If no damage is seen, reinsert the pluggable module into its port.3. Remove and replace the pluggable module with another unit of the same type.4. Perform a cold reset of the card on the card where the pluggable module failure is raised.5. Reseat the card. 6. Replace the card.		

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Table 3-400 PowerAdjustFailed

Alarm	Attributes	Applicable major releases
Name: PowerAdjustFailed (4531) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.PhysicalPort	Severity: variable Implicitly cleared: true Default probable cause: PwrAdjFail (1053)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when Power Adjustment Failure is detected.		
Remedial action: Please refer 1830 PSS Troubleshooting guide for detailed steps for corrective action.		

Table 3-401 PowerAdjustLossMarginExceeded

Alarm	Attributes	Applicable major releases
Name: PowerAdjustLossMarginExceeded (4532) Type: communicationsAlarm (4) Package: equipment Raised on class: equipment.PhysicalPort	Severity: variable Implicitly cleared: true Default probable cause: PwrMargin (1751)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when Power Adjustment Margin Exceeded is detected.		
Remedial action: Please refer 1830 PSS Troubleshooting guide for detailed steps for corrective action.		

Table 3-402 PowerAdjustRequired

Alarm	Attributes	Applicable major releases
Name: PowerAdjustRequired (4533) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.PhysicalPort	Severity: variable Implicitly cleared: true Default probable cause: PwrAdjReq (1054)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when Power Adjustment Required is detected.		
Remedial action: Please refer 1830 PSS Troubleshooting guide for detailed steps for corrective action.		

Table 3-403 PowerFail

Alarm	Attributes	Applicable major releases
Name: PowerFail (4963) Type: equipmentAlarm (3) Package: rmd Raised on class: rmd.Device	Severity: variable Implicitly cleared: true Default probable cause: RmdPWR (2018)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when there is a power failure on the RMD Device.		
Remedial action: Please refer 1830 PSS Troubleshooting guide for detailed steps for corrective action		

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Table 3-404 PowerMgmtSuspended

Alarm	Attributes	Applicable major releases
Name: PowerMgmtSuspended (4534) Type: communicationsAlarm (4) Package: equipment Raised on class: equipment.PhysicalPort	Severity: variable Implicitly cleared: true Default probable cause: PwrSusp (1057)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when Power management suspended is detected.		
Remedial action: Please refer 1830 PSS Troubleshooting guide for detailed steps for corrective action.		

Table 3-405 PowerSupplyFailure

Alarm	Attributes	Applicable major releases
Name: PowerSupplyFailure (633) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.PowerSupplyTray	Severity: critical Implicitly cleared: true Default probable cause: powerSupplyFailure (117)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when a power-supply tray reports a failure. When the alarm is raised during device discovery, a power-supply tray may be out of service. When the alarm is raised while the device is in the managed state, a power-supply tray may be out of service or the AC power shelf has a fault condition. The alarm clears when the status changes to OK.		
Raising condition: (('Power Supply 1 Status' EQUAL 'Not Equipped') OR ('Power Supply 1 Status' EQUAL 'Failed'))		
Clearing condition: (('Power Supply 1 Status' EQUAL 'OK'))		
Remedial action: Ensure that the NE is properly connected to power. If the problem persists please contact Alcatel-Lucent support for assistance.		

Table 3-406 PowerSupplyInputFeedDown

Alarm	Attributes	Applicable major releases
Name: PowerSupplyInputFeedDown (5422) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.PowerSupplyTray	Severity: minor Implicitly cleared: true Default probable cause: powerSupplyInputFeedDown (2073)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: This alarm is generated if any one of the input feeds for a given power supply is not supplying power.		
Raising condition: (('inputFeedStatus' EQUAL 'Input A Down') OR ('inputFeedStatus' EQUAL 'Input B Down') OR (('inputFeedStatus'allBits'Input A Down') AND ('inputFeedStatus'allBits'Input B Down'))		
Clearing condition: ('inputFeedStatus' EQUAL 'None')		
Remedial action: Restore all of the input feeds that are not supplying power.		

Table 3-407 PowerSupplyRemoved

Alarm	Attributes	Applicable major releases
Name: PowerSupplyRemoved (542) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.PowerSupplyTray	Severity: major Implicitly cleared: true Default probable cause: PowerSupplyRemoved (415)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when a chassis power supply is removed.		
Raising condition: ('Power Supply 1 Status' EQUAL 'Not Equipped')		
Clearing condition: ('Power Supply 1 Status' NOT EQUAL 'Not Equipped')		
Remedial action: To recover from this event, the customer is requested to add a new power supply to the system, or change a faulty power supply with a working one.		

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Table 3-408 PPSLos

Alarm	Attributes	Applicable major releases
Name: PPSLos (3966) Type: communicationsAlarm (4) Package: ptp Raised on class: ptp.PTPTOD	Severity: variable Implicitly cleared: true Default probable cause: PPSLos (1544)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when Loss of 1PPS Signal is detected.		
Remedial action: Please refer 1830 PSS Troubleshooting guide for detailed steps for corrective action.		

Table 3-409 PrcdrErrTopoOut

Alarm	Attributes	Applicable major releases
Name: PrcdrErrTopoOut (3733) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.PhysicalPort	Severity: variable Implicitly cleared: true Default probable cause: PrcdrErrTopoOut (1471)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when Power management topology invalid-out is detected.		
Remedial action: Valid cross-connects must terminate on one of the following end-points: 1. a port marked as "External". 2. a port marked as "No-Connect". 3. a transponder network port. Please follow the below steps to clear this alarm: 1. Examine the cross-connects on the NE, and look for cross-connects that do not conform to the rules. 2. Delete the invalid connections. Any service that is running over an invalid cross-connect that is deleted is interrupted. 3. Recreate valid cross-connects for the interrupted services.		

Table 3-410 PrimaryImageBootFailure

Alarm	Attributes	Applicable major releases
Name: PrimaryImageBootFailure (191) Type: configurationAlarm (11) Package: sw Raised on class: sw.CardSoftware	Severity: warning Implicitly cleared: true Default probable cause: bootOptionFileMisconfigured (150)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when the primary software image specified in an NE BOF is unusable.		
Raising condition: (('imageSource' NOT EQUAL 'Primary') AND ('imageSource' NOT EQUAL 'Unknown'))		
Clearing condition: (('imageSource' EQUAL 'Primary') OR ('imageSource' EQUAL 'Unknown'))		
Remedial action: The SW image on the NE may have been inadvertently corrupted. Download a new copy of the SW image to the NE. If the problem persists contact Alcatel-Lucent support for assistance.		

Table 3-411 ProtSwitchDeviceFailure

Alarm	Attributes	Applicable major releases
Name: ProtSwitchDeviceFailure (4535) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.CardSlot	Severity: variable Implicitly cleared: true Default probable cause: SwEqpt (981)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when Protection switching equipment failure is detected.		
Remedial action: Please refer 1830 PSS Troubleshooting guide for detailed steps for corrective action.		

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Table 3-412 PTPFreeRun

Alarm	Attributes	Applicable major releases
Name: PTPFreeRun (4953) Type: communicationsAlarm (4) Package: ptp Raised on class: ptp.IEEEPTPClock	Severity: variable Implicitly cleared: true Default probable cause: PTPFreeRun (2008)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when PTP clock in the free-running status .		
Remedial action: Please refer 1830 PSS Troubleshooting guide for detailed steps for corrective action.		

Table 3-413 PTPRefLoss

Alarm	Attributes	Applicable major releases
Name: PTPRefLoss (4954) Type: communicationsAlarm (4) Package: ptp Raised on class: ptp.IEEEPTPClock	Severity: variable Implicitly cleared: true Default probable cause: PTPRefLoss (2009)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when No available time references .		
Remedial action: Please refer 1830 PSS Troubleshooting guide for detailed steps for corrective action.		

Table 3-414 PTPRefUnstable

Alarm	Attributes	Applicable major releases
Name: PTPRefUnstable (4955) Type: communicationsAlarm (4) Package: ptp Raised on class: ptp.IEEEPTPport	Severity: variable Implicitly cleared: true Default probable cause: PTPRefUnstable (2010)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when The current time reference is unstable .		
Remedial action: Please refer 1830 PSS Troubleshooting guide for detailed steps for corrective action.		

Table 3-415 PwrAdjComms

Alarm	Attributes	Applicable major releases
Name: PwrAdjComms (3734) Type: communicationsAlarm (4) Package: equipment Raised on class: equipment.PhysicalPort	Severity: variable Implicitly cleared: true Default probable cause: PwrAdjComms (1472)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when Inter NE communication timeout blocking power adjustment is detected.		
Remedial action: Please follow following steps to clear this alarm.1. If the PWRADJFAIL alarm occurs with the PWRADJCOMMS alarm, proceed to PWRADJFAIL before continuing with this procedure.2. If the upstream NE is undergoing discovery by an NMS system, wait for the NMS to finish discovery.3. Verify that the topology is set up properly to the upstream NE.4. Verify the local NE can communicate with the upstream NE.5. Repeat Step-3.6. Verify that the upstream NE is functioning as it should. Ensure that there is CN/OSPF connectivity at the NE raising the alarm by checking any other alarms on the NE CN links. Check that the OSC channel is operational.7. Activate an ingress adjust.8. If the ingress adjustment fails, troubleshoot why it failed using the Adjust Result and go to the troubleshooting steps for the PWRADJFAIL alarm.		

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Table 3-416 PWRADJFAILADD

Alarm	Attributes	Applicable major releases
Name: PWRADJFAILADD (3729) Type: communicationsAlarm (4) Package: equipment Raised on class: equipment.PhysicalPort	Severity: variable Implicitly cleared: true Default probable cause: PWRADJFAILADD (1467)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when Add Power Adjustment Failure is detected.		
Remedial action: Wait until the APR condition has been cleared.Re-try the adjustment.For Further details,Please refer 1830 PSS Node Maintenance and Troubleshooting guide.		

Table 3-417 PWRADJFAILDRP

Alarm	Attributes	Applicable major releases
Name: PWRADJFAILDRP (3730) Type: communicationsAlarm (4) Package: equipment Raised on class: equipment.PhysicalPort	Severity: variable Implicitly cleared: true Default probable cause: PWRADJFAILDRP (1468)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when Drop Power Adjustment Failure is detected.		
Remedial action: Wait until the APR condition has been cleared.Re-try the adjustment.For Further details,Please refer 1830 PSS Node Maintenance and Troubleshooting guide.		

Table 3-418 PWRADJREQADD

Alarm	Attributes	Applicable major releases
Name: PWRADJREQADD (3731) Type: communicationsAlarm (4) Package: equipment Raised on class: equipment.PhysicalPort	Severity: variable Implicitly cleared: true Default probable cause: PWRADJREQADD (1469)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when Add Power Adjustment Required is detected.		
Remedial action: 1. Perform a power adjust operation at the ingress amplifier card or the ALPHG card that has raised the PWRADJREQ alarm. 2. If the adjustment is successful, then the PWRADJREQ alarm will be cleared. Continue with Step 3. If the adjustment fails, then the PWRADJFAIL alarm will appear. Proceed to PWRADJFAIL. 3. Follow the appropriate procedures in the Alcatel-Lucent 1830 PSS User Provisioning Guide to validate the set parameters of the network per the Network Plan.		

Table 3-419 PWRADJREQDRP

Alarm	Attributes	Applicable major releases
Name: PWRADJREQDRP (3732) Type: communicationsAlarm (4) Package: equipment Raised on class: equipment.PhysicalPort	Severity: variable Implicitly cleared: true Default probable cause: PWRADJREQDRP (1470)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when Drop Power Adjustment Required is detected.		
Remedial action: 1. Perform a power adjust operation at the ingress amplifier card or the ALPHG card that has raised the PWRADJREQ alarm. 2. If the adjustment is successful, then the PWRADJREQ alarm will be cleared. Continue with Step 3. If the adjustment fails, then the PWRADJFAIL alarm will appear. Proceed to PWRADJFAIL. 3. Follow the appropriate procedures in the Alcatel-Lucent 1830 PSS User Provisioning Guide to validate the set parameters of the network per the Network Plan.		

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Table 3-420 PwrEdfaMargin

Alarm	Attributes	Applicable major releases
Name: PwrEdfaMargin (4536) Type: communicationsAlarm (4) Package: equipment Raised on class: equipment.PhysicalPort	Severity: variable Implicitly cleared: true Default probable cause: PwrEdfaMargin (1752)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when EDFA input power approaching upper limit is detected.		
Remedial action: Please refer 1830 PSS Troubleshooting guide for detailed steps for corrective action.		

Table 3-421 PwrMaxGain

Alarm	Attributes	Applicable major releases
Name: PwrMaxGain (2081) Type: communicationsAlarm (4) Package: equipment Raised on class: equipment.PhysicalPort	Severity: variable Implicitly cleared: true Default probable cause: PwrMaxGain (1062)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when Gain Adjustment Exceeded Max Value is detected.		
Remedial action: This alarm indicates that the loss between the upstream NE line and the alarmed LD line is higher than expected. For corrective action please refer 1830 PSS Maintenance and Trouble-Clearing User Guide.		

Table 3-422 PwrTiltParams

Alarm	Attributes	Applicable major releases
Name: PwrTiltParams (3967) Type: communicationsAlarm (4) Package: equipment Raised on class: equipment.PhysicalPort	Severity: variable Implicitly cleared: true Default probable cause: PwrTiltParams (1545)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when Parameters for amplifier tilt adjustment unconfigured is detected.		
Remedial action: Configure the parameters required for automatic tilt adjustment to non-default values, or disable automatic tilt adjustment for the line.		

Table 3-423 PwrTiltSusp

Alarm	Attributes	Applicable major releases
Name: PwrTiltSusp (3389) Type: communicationsAlarm (4) Package: equipment Raised on class: equipment.PhysicalPort	Severity: variable Implicitly cleared: true Default probable cause: PwrTiltSusp (1218)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when Amplifier Gain Tilt Adjustments Suspended is detected.		
Remedial action: This alarm is raised when: 1. The automatic amplifier gain tilt adjustments are suspended, in the direction of transmission, for the optical multiplex section originating at the OADM line because optical channel power measurement for the line is impaired. 2. It is caused when the channel exceeds the number of attempts it can use to get power information from the Line Out port. For corrective action please refer 1830 PSS Maintenance and Trouble-Clearing User Guide.		

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Table 3-424 PwrUnbalance

Alarm	Attributes	Applicable major releases
Name: PwrUnbalance (3390) Type: communicationsAlarm (4) Package: equipment Raised on class: equipment.PhysicalPort	Severity: variable Implicitly cleared: true Default probable cause: PwrUnbalance (1219)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when OPS Power Unbalance in OLP is detected.		
Remedial action: This alarm is raised when the difference of input power at A and B ports on OPSA is more than 2 dB. Please follow the below steps to clear this alarm: 1. Check whether ingress LD's gains for working and protection paths have been set correctly according to power budget table. 2. Check whether Total Output Powers on ingress LD's SIG out port for working and protection paths are in range. 3. If all above steps are correct, verify that the fibers to OPSA A/B in ports are not damaged or dirty, and clean or replace them.		

Table 3-425 PwrUnbalanceOms

Alarm	Attributes	Applicable major releases
Name: PwrUnbalanceOms (3391) Type: communicationsAlarm (4) Package: equipment Raised on class: equipment.PhysicalPort	Severity: variable Implicitly cleared: true Default probable cause: PwrUnbalanceOms (1220)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when Power Unbalance is detected.		
Remedial action: This alarm is raised when the difference of input power at A and B ports on OPSA is more than 2 dB. Please follow the below steps to clear this alarm: 1. Check whether ingress LD's gains for working and protection paths have been set correctly according to power budget table. 2. Check whether Total Output Powers on ingress LD's SIG out port for working and protection paths are in range. 3. If all above steps are correct, verify that the fibers to OPSA A/B in ports are not damaged or dirty, and clean or replace them. See further details in 1830 PSS Troubleshooting guide.		

Table 3-426 RadiusOperStatusDown

Alarm	Attributes	Applicable major releases
Name: RadiusOperStatusDown (3692) Type: radiusOperStatusDownAlarm (105) Package: netw Raised on class: netw.NetworkElement	Severity: critical Implicitly cleared: true Default probable cause: radiusOperationStatusDown (1431)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when all RADIUS servers have gone down.		
Raising condition: ('Global RADIUS Operational State' EQUAL 'Down')		
Clearing condition: ('Global RADIUS Operational State' EQUAL 'Up')		
Remedial action: Verify the RADIUS server is properly configured and radius server state is up. Check the connectivity between SAM server and radius server configured on the Network element.		

Table 3-427 RamanSup

Alarm	Attributes	Applicable major releases
Name: RamanSup (4537) Type: communicationsAlarm (4) Package: equipment Raised on class: equipment.PhysicalPort	Severity: variable Implicitly cleared: true Default probable cause: RAMANSUP (1063)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when Raman Suppress - Line is detected.		
Remedial action: Please refer 1830 PSS Troubleshooting guide for detailed steps for corrective action.		

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Table 3-428 RcvrOptProg

Alarm	Attributes	Applicable major releases
Name: RcvrOptProg (2083) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.CardSlot	Severity: variable Implicitly cleared: true Default probable cause: RcvrOptProg (1060)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when Receiver Optimization in Progress is detected.		
Remedial action: This procedure details the corrective action for a RCVROPTPROG against the Line port.1. Wait approximately 15 minutes for the LOS or LOF alarm to clear.2. Ensure that the administrative state of the port is Admin Up. When it is Up, then toggle the administrative state from UP > DOWN > UP.3. If a faulty43STX4P pack caused the RCVROPTPROG alarm, replace with it a new 43STX4 pack. After replacement, if the condition persists, fiber loopback the line side of the 43STX4 pack.Remove the fiber from the port where the LOS or LOF was raised and measure the optical power.If the RCVROPTPROG condition is still present more than 15 minutes after the LOS or LOF alarm clears, the problem may be with the card.If the problem is on the Line input signal of the pack, check the signal. After a 40G OT card has initialized successfully, the Tunable Dispersion Compensator (TDC) and Delay Line Interferometer (DLI) on the line-side receive path will automatically tune to optimize transmission performance. During the TDC/DLI optimization, the RCVROPTPROG alarm is raised to notify the user that the pack is tuning, and transmission is not yet stable. When the TDC/DLI tuning process is completed, the alarm clears.4. Perform a warm reset of the card.5. Perform a cold reset of the card.6. Reseat and replace the card.		

Table 3-429 RDI (ethernetoam)

Alarm	Attributes	Applicable major releases
Name: RDI (806) Type: oamAlarm (18) Package: ethernetoam Raised on class: ethernetoam.Mep	Severity: variable Implicitly cleared: true Default probable cause: Rdi (1888)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The RDI alarm is raised when a MEP receives a CCM frame with the RDI field set.		
Remedial action: This alarm is raised when a MEP receives a CCM frame with the RDI field set.		

Table 3-430 ReachabilityProblem

Alarm	Attributes	Applicable major releases
Name: ReachabilityProblem (243) Type: communicationsAlarm (4) Package: netw Raised on class: netw.NetworkElement	Severity: major Implicitly cleared: true Default probable cause: ReachabilityTestFailed (176)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
<p>Description: The alarm is raised when a mediation poll of the SysUpTimeAlarm object on an NE fails, for example, because of network congestion or because the NE is too busy to respond. The probable cause is an unreachable NE Mediation agent on the NE. The polling interval depends on the NE type and is configurable in nms-server.xml. By default, the 5620 SAM polls a managed NE every four minutes. If a poll fails, the alarm is raised. The alarm clears when the 5620 SAM receives a response from the NE, and the 5620 SAM GUI icon that represents the NE turns from red to green.</p>		
<p>Raising condition: ('SNMP Reachability' EQUAL 'Down')</p>		
<p>Remedial action: Informational - if the alarm persists or is occurring frequently then investigation is required to understand a) why the underlying transport network is unreliable or b) why the NE is too busy to respond to 5620 SAM or c) has SNMP been disabled on the NE. Once the issue has been resolved SAM will automatically re-attempt.</p>		

Table 3-431 ReadyToRevert (netw)

Alarm	Attributes	Applicable major releases
Name: ReadyToRevert (5586) Type: communicationsAlarm (4) Package: netw Raised on class: netw.NetworkElement	Severity: variable Implicitly cleared: true Default probable cause: ReadyToRevert (2340)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
<p>Description: The alarm is raised when ready to revert.</p>		
<p>Remedial action: Please refer 1830 PSS Troubleshooting guide for detailed steps for corrective action.</p>		

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Table 3-432 ReconfigFailure

Alarm	Attributes	Applicable major releases
Name: ReconfigFailure (1949) Type: communicationsAlarm (4) Package: netw Raised on class: netw.NetworkElement	Severity: critical Implicitly cleared: true Default probable cause: failedReconfig (937)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: This alarm is raised when the reconfig action failed.		
Raising condition: ('State' EQUAL 'Failed')		
Clearing condition: ('State' NOT EQUAL 'Failed')		
Remedial action: Verify that the object is configured as expected.		

Table 3-433 RedundantMepMisconfiguration

Alarm	Attributes	Applicable major releases
Name: RedundantMepMisconfiguration (3631) Type: oamAlarm (18) Package: ethernetToam Raised on class: ethernetToam.Mep	Severity: minor Implicitly cleared: true Default probable cause: misconfiguredRedundantMep (1416)	<ul style="list-style-type: none"> • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when an Active and Redundant MEP do not have the same ID, Operational MAC Address or Sub Group configured.		
Raising condition: ('validRedundantMepConfig' EQUAL 'false')		
Clearing condition: ('validRedundantMepConfig' EQUAL 'true')		
Remedial action: MC-LAG redundant MEP configuration (MEP ID or Mac Address) for Active & Standby Interfaces do not match, this could cause issues with CFM or CCM tests if Active interface changes. Delete and Re-create Standby MEP to match Active.		

Table 3-434 RedundantMepMissing

Alarm	Attributes	Applicable major releases
Name: RedundantMepMissing (3632) Type: oamAlarm (18) Package: ethernetToam Raised on class: ethernetToam.Mep	Severity: minor Implicitly cleared: true Default probable cause: missingRedundantMep (1417)	<ul style="list-style-type: none"> • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when a MEP misses a redundant counterpart on LAG or SAP.		

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Alarm	Attributes	Applicable major releases
Raising condition: (('MC-LAG Inactive' NOT EQUAL 'Not Applicable') AND ('Redundant MEP' EQUAL '\\"))		
Clearing condition: (('MC-LAG Inactive' EQUAL 'Not Applicable') OR (('MC-LAG Inactive' NOT EQUAL 'Not Applicable') AND ('Redundant MEP' NOT EQUAL '\\")))		
Remedial action: MC-LAG redundant MEP is missing Active & Standby Interfaces, this will cause issues with CFM or CCM tests if Active interface changes. Create missing Active/Standby MEP to match existing.		

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Table 3-435 RemoteFailureIndication

Alarm	Attributes	Applicable major releases
Name: RemoteFailureIndication (4538) Type: communicationsAlarm (4) Package: equipment Raised on class: equipment.PhysicalPort	Severity: variable Implicitly cleared: true Default probable cause: LanRfi (1065)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when Remote Fault is detected.		
Remedial action: Please refer 1830 PSS Troubleshooting guide for detailed steps for corrective action.		

Table 3-436 RemoteMepCCMAlarm

Alarm	Attributes	Applicable major releases
Name: RemoteMepCCMAlarm (502) Type: oamAlarm (18) Package: ethernetOAM Raised on class: ethernetOAM.Mep	Severity: major Implicitly cleared: true Default probable cause: missingRemoteMep (388)	<ul style="list-style-type: none"> • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when a MEP loses connectivity with one or more remote MEPs. The Remote MEP DB State tab on a MEP lists the missing remote MEPs.		
Raising condition: ('High-Priority Defect' NOT EQUAL '0')		
Clearing condition: ('High-Priority Defect' EQUAL '0')		
Remedial action: MEP has lost communication with Remote MEP defined in Maintenance Association (MEG) Remote MEP list, Either Remote MEP list is incorrect or diagnose connection fault and resolve.		

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Table 3-437 RemotePacketLost

Alarm	Attributes	Applicable major releases
Name: RemotePacketLost (5596) Type: communicationsAlarm (4) Package: rmd Raised on class: rmd.TsopChannel	Severity: variable Implicitly cleared: true Default probable cause: RmdTsopRPL (2349)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when 8 contiguous TSoP packets received with R-bit = " 1. Cleared when 8 contiguous TSoP packets received with R-bit = 0."		
Remedial action: Please refer 1830 PSS Troubleshooting guide for detailed steps for corrective action		

Table 3-438 ReplUnitMissMOD

Alarm	Attributes	Applicable major releases
Name: ReplUnitMissMOD (3392) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.PhysicalPort	Severity: variable Implicitly cleared: true Default probable cause: ReplUnitMissMOD (1221)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when Pluggable Module missing is detected.		
Remedial action: This alarm indicates that the optics module(pluggable module) for the port is missing or the card is not able to successfully detect the presence of the module. Please follow the below steps to clear this alarm: 1. If there is no pluggable module in the port where the pluggable module missing condition is raised, then insert one that is appropriate for that transponder card. 2. Perform a warm reset of the card. 3. Remove the pluggable module from the port on the card it is inserted in. Examine the connector on the SFP and the receptacle connector on the card where the SFP plugs into for any damage. If no damage is seen, then reinsert the pluggable module into its port. 4. Remove and replace the pluggable module with another unit of the same type. 5. Perform a cold reset of the card. 6. Reseat the card. 7. Replace the card. For detailed steps please refer 1830 PSS Maintenance and Trouble-Clearing User Guide.		

Table 3-439 ReRouted

Alarm	Attributes	Applicable major releases
Name: ReRouted (5585) Type: communicationsAlarm (4) Package: netw Raised on class: netw.NetworkElement	Severity: variable Implicitly cleared: true Default probable cause: ReRouted (2339)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when rerouted.		
Remedial action: Please refer 1830 PSS Troubleshooting guide for detailed steps for corrective action.		

Table 3-440 RestorationDisabled

Alarm	Attributes	Applicable major releases
Name: RestorationDisabled (5587) Type: communicationsAlarm (4) Package: netw Raised on class: netw.NetworkElement	Severity: variable Implicitly cleared: true Default probable cause: RestorationDisabled (2341)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when GMRE automatic restoration disabled.		
Remedial action: Please refer 1830 PSS Troubleshooting guide for detailed steps for corrective action.		

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Table 3-441 RfiEgress

Alarm	Attributes	Applicable major releases
Name: RfiEgress (4539) Type: communicationsAlarm (4) Package: equipment Raised on class: equipment.PhysicalPort	Severity: variable Implicitly cleared: true Default probable cause: RfiEgr (1753)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when Remote Client Remote Fault is detected.		
Remedial action: Please refer 1830 PSS Troubleshooting guide for detailed steps for corrective action.		

Table 3-442 RouteNotPossible

Alarm	Attributes	Applicable major releases
Name: RouteNotPossible (5588) Type: communicationsAlarm (4) Package: netw Raised on class: netw.NetworkElement	Severity: variable Implicitly cleared: true Default probable cause: RouteNotPossible (2342)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when route not possible.		
Remedial action: Please refer 1830 PSS Troubleshooting guide for detailed steps for corrective action.		

Table 3-443 SapMacAddrLimitReached

Alarm	Attributes	Applicable major releases
Name: SapMacAddrLimitReached (5597) Type: resourceAlarm (28) Package: vpls Raised on class: vpls.L2AccessInterface	Severity: variable Implicitly cleared: true Default probable cause: resourceLimitReached (131)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when the number of MAC address entries in the SAP FDB table reaches 75% of the maximum number of FDB Entries		
Remedial action: Informational		

Table 3-444 SaveConfigFailed

Alarm	Attributes	Applicable major releases
Name: SaveConfigFailed (105) Type: configurationAlarm (11) Package: sw Raised on class: sw.BackupRestoreManager	Severity: major Implicitly cleared: true Default probable cause: fileAccessError (90)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when the admin save command on an NE fails.		
Raising condition: ('Config Save State' EQUAL 'Failure')		
Clearing condition: ('Config Save State' EQUAL 'Success')		
Remedial action: Attempt the admin save command a second time. If the problem persists please contact Alcatel-Lucent support for assistance.		

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Table 3-445 ScheduledPollerProblem

Alarm	Attributes	Applicable major releases
Name: ScheduledPollerProblem (4386) Type: communicationsAlarm (4) Package: netw Raised on class: netw.NetworkElement	Severity: warning Implicitly cleared: true Default probable cause: scheduledResyncFailed (1569)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when the 5620 SAM is unable to poll a network object, for example, because of intermittent or no IP connectivity to an NE, incorrect SNMP security parameters, or disabled SNMP on the NE.		
Raising condition: ('Scheduled Resync Status' EQUAL 'Scheduled Resync Failed')		
Clearing condition: ('Scheduled Resync Status' EQUAL 'Scheduled Resync Done')		
Remedial action: Informational - if the alarm persists or is occurring frequently then investigation is required to understand a) why the underlying transport network is unreliable or b) why the NE is too busy to respond to 5620 SAM or c) has SNMP been disabled on the NE. Once the issue has been resolved SAM will automatically re-attempt.		

Table 3-446 SdhAlarmIndicationSignal

Alarm	Attributes	Applicable major releases
Name: SdhAlarmIndicationSignal (4540) Type: communicationsAlarm (4) Package: equipment Raised on class: equipment.PhysicalPort	Severity: variable Implicitly cleared: true Default probable cause: AisL (1754) Applicable probable causes: <ul style="list-style-type: none"> • AisL • AisLM 	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when AIS Line/MS is detected.		
Remedial action: Please refer 1830 PSS Troubleshooting guide for detailed steps for corrective action.		

Table 3-447 SdhLossOfClock

Alarm	Attributes	Applicable major releases
Name: SdhLossOfClock (4541) Type: communicationsAlarm (4) Package: equipment Raised on class: equipment.PhysicalPort	Severity: variable Implicitly cleared: true Default probable cause: LostClock (1026)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when Loss of clock is detected.		
Remedial action: Please refer 1830 PSS Troubleshooting guide for detailed steps for corrective action.		

Table 3-448 SdhLossOfFrame

Alarm	Attributes	Applicable major releases
Name: SdhLossOfFrame (4542) Type: communicationsAlarm (4) Package: equipment Raised on class: equipment.PhysicalPort	Severity: variable Implicitly cleared: true Default probable cause: Lof (1073)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when Loss of frame is detected.		
Remedial action: Please refer 1830 PSS Troubleshooting guide for detailed steps for corrective action.		

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Table 3-449 SdhLossOfPointer

Alarm	Attributes	Applicable major releases
Name: SdhLossOfPointer (4543) Type: communicationsAlarm (4) Package: equipment Raised on class: equipment.PhysicalPort	Severity: variable Implicitly cleared: true Default probable cause: LostClock (1026)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when Loss of clock is detected.		
Remedial action: Please refer 1830 PSS Troubleshooting guide for detailed steps for corrective action.		

Table 3-450 SdhLossOfSignal

Alarm	Attributes	Applicable major releases
Name: SdhLossOfSignal (4544) Type: communicationsAlarm (4) Package: equipment Raised on class: equipment.PhysicalPort	Severity: variable Implicitly cleared: true Default probable cause: Los (1077) Applicable probable causes: <ul style="list-style-type: none"> • Los • LosP • LosOut • LosLdSig • LanLos 	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when Loss of signal is detected.		
Remedial action: Please refer 1830 PSS Troubleshooting guide for detailed steps for corrective action.		

Table 3-451 SdhMultiplexSectionRemoteFailureIndication

Alarm	Attributes	Applicable major releases
Name: SdhMultiplexSectionRemoteFailureIndication (4545) Type: communicationsAlarm (4) Package: equipment Raised on class: equipment.PhysicalPort	Severity: variable Implicitly cleared: true Default probable cause: LanRfi (1065)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when Remote Fault is detected.		
Remedial action: Please refer 1830 PSS Troubleshooting guide for detailed steps for corrective action.		

Table 3-452 SdhRegeneratorSectionTraceMismatch

Alarm	Attributes	Applicable major releases
Name: SdhRegeneratorSectionTraceMismatch (4546) Type: communicationsAlarm (4) Package: equipment Raised on class: equipment.PhysicalPort	Severity: variable Implicitly cleared: true Default probable cause: Tim (1074)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when Trace Identifier Mismatch is detected.		
Remedial action: Please refer 1830 PSS Troubleshooting guide for detailed steps for corrective action.		

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Table 3-453 SdhSignalDegrade

Alarm	Attributes	Applicable major releases
Name: SdhSignalDegrade (4547) Type: communicationsAlarm (4) Package: equipment Raised on class: equipment.PhysicalPort	Severity: variable Implicitly cleared: true Default probable cause: Sd (1758)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when Signal Degrade is detected.		
Remedial action: Please refer 1830 PSS Troubleshooting guide for detailed steps for corrective action.		

Table 3-454 SdhSignalFailure

Alarm	Attributes	Applicable major releases
Name: SdhSignalFailure (4548) Type: communicationsAlarm (4) Package: equipment Raised on class: equipment.PhysicalPort	Severity: variable Implicitly cleared: true Default probable cause: Sf (1079)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when Excessive BER is detected.		
Remedial action: Please refer 1830 PSS Troubleshooting guide for detailed steps for corrective action.		

Table 3-455 ServerSignalFailure

Alarm	Attributes	Applicable major releases
Name: ServerSignalFailure (4549) Type: communicationsAlarm (4) Package: equipment Raised on class: equipment.PhysicalPort	Severity: variable Implicitly cleared: true Default probable cause: OscSsf (1759) Applicable probable causes: <ul style="list-style-type: none"> • OscSsf • Ssf • SsfOdu • ServerSignalFailureEgress 	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when Server signal failure - OSC is detected.		
Remedial action: This alarm indicates that the OT port has detected an Optical Channel (Och) Server Signal Failure. Please follow the below steps to clear this alarm(At the end of each step wait to see if the fault clears. If not proceed with the next step): 1. Retrieve power level reading on the local OT port. 2. If power level is low on the DWDM facing port, identify the associated OCh trail and verify the power levels along the OCh trail. 3. Identify the farthest upstream point relative to the far end OTUk port at which power level falls within the expected range. 4. Check the alarms/conditions on the node located in step 3 or the node immediately upstream from point identified in step 3. 5. Correct the problem identified in Step 4. 6. If all the power levels along the OCh trails fall within the target range, locate the fiber connected directly to receiver of the port which detects SSF condition. 7. Clean the fiber. 8. Replace the fiber. 9. If the problem is detected on the client port of 11STAR1 OT, and the power level is within the operating range, check for pluggable module alarms. 10. Replace the pluggable module.		

Table 3-456 ServerSignalFailureEgress

Alarm	Attributes	Applicable major releases
Name: ServerSignalFailureEgress (4933) Type: communicationsAlarm (4) Package: equipment Raised on class: equipment.PhysicalPort	Severity: variable Implicitly cleared: true Default probable cause: ServerSignalFailureEgress (1762)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when Server Signal Failure Egress - ODU .		
Remedial action: Please refer 1830 PSS Troubleshooting guide for detailed steps for corrective action.		

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Table 3-457 ServiceSiteDown

Alarm	Attributes	Applicable major releases
Name: ServiceSiteDown (97) Type: serviceAlarm (16) Package: service Raised on class: service.Site	Severity: critical Implicitly cleared: true Default probable cause: siteDown (83)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when all SAPs on a site are operationally down, or when the service tunnels for the site are operationally down.		
Raising condition: (('Operational State' NOT EQUAL 'Up') AND ('State Cause' NOT EQUAL 'All Spoke SDP Bindings are Standby'))		
Clearing condition: (('Operational State' EQUAL 'Up') OR ('State Cause' EQUAL 'All Spoke SDP Bindings are Standby'))		
Remedial action: The network resources (i.e. physical ports for SAPs, or physical ports/LSP) associated with the service site should be examined to determine if/why they are operationally down. The underlying transport network supporting the site may also be unreliable.		

Table 3-458 SfpEOL

Alarm	Attributes	Applicable major releases
Name: SfpEOL (4550) Type: communicationsAlarm (4) Package: equipment Raised on class: equipment.PhysicalPort	Severity: variable Implicitly cleared: true Default probable cause: SfpEOL (1763)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when SFP or XFP Laser end of life is detected.		
Remedial action: Please refer 1830 PSS Troubleshooting guide for detailed steps for corrective action.		

Table 3-459 SFPEquipmentFail

Alarm	Attributes	Applicable major releases
Name: SFPEquipmentFail (4964) Type: equipmentAlarm (3) Package: rmd Raised on class: rmd.Port	Severity: variable Implicitly cleared: true Default probable cause: RmdIfEQF (2019)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when there is an equipment failure on the RMD SFP.		
Remedial action: Please refer 1830 PSS Troubleshooting guide for detailed steps for corrective action		

Table 3-460 SFPLossOfSignal

Alarm	Attributes	Applicable major releases
Name: SFPLossOfSignal (4965) Type: communicationsAlarm (4) Package: rmd Raised on class: rmd.Port	Severity: variable Implicitly cleared: true Default probable cause: RmdIfLOS (2020)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when Loss of Signal is detected. Only applicable to customer ports.		
Remedial action: Please refer 1830 PSS Troubleshooting guide for detailed steps for corrective action		

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Table 3-461 SfpReceiverPwrOOR

Alarm	Attributes	Applicable major releases
Name: SfpReceiverPwrOOR (4551) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.PhysicalPort	Severity: variable Implicitly cleared: true Default probable cause: SfpReceiverPwrOOR (1080)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when Pluggable Module optical receiver power out of range is detected.		
Remedial action: Please refer 1830 PSS Troubleshooting guide for detailed steps for corrective action.		

Table 3-462 SfpTempOOR

Alarm	Attributes	Applicable major releases
Name: SfpTempOOR (2088) Type: communicationsAlarm (4) Package: equipment Raised on class: equipment.PhysicalPort	Severity: variable Implicitly cleared: true Default probable cause: SfpTempOOR (1068)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when SFP or XFP laser temperature out of range is detected.		
Remedial action: Please refer 1830 PSS Troubleshooting guide for detailed steps for corrective action.		

Table 3-463 SfpTrmtPwrOOR

Alarm	Attributes	Applicable major releases
Name: SfpTrmtPwrOOR (4552) Type: communicationsAlarm (4) Package: equipment Raised on class: equipment.PhysicalPort	Severity: variable Implicitly cleared: true Default probable cause: SfpTrmtPwrOOR (1069)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when SFP or XFP optical transmit power out of range is detected.		
Remedial action: Please refer 1830 PSS Troubleshooting guide for detailed steps for corrective action.		

Table 3-464 ShelfIncon

Alarm	Attributes	Applicable major releases
Name: ShelfIncon (8167) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.Shelf	Severity: variable Implicitly cleared: true Default probable cause: ShelfIncon (2559)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when Shelf data inconsistent.		
Remedial action: Please refer 1830 PSS Troubleshooting guide for detailed steps for corrective action.		

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Table 3-465 ShelfInVoltHigh

Alarm	Attributes	Applicable major releases
Name: ShelfInVoltHigh (4553) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.CardSlot	Severity: variable Implicitly cleared: true Default probable cause: ShelfInVoltHigh (1764)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when Shelf Supply Voltage High is detected.		
Remedial action: Please refer 1830 PSS Troubleshooting guide for detailed steps for corrective action.		

Table 3-466 ShelfInVoltLow

Alarm	Attributes	Applicable major releases
Name: ShelfInVoltLow (4554) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.CardSlot	Severity: variable Implicitly cleared: true Default probable cause: ShelfInVoltLow (1765)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when Shelf Supply Voltage Low is detected.		
Remedial action: Please refer 1830 PSS Troubleshooting guide for detailed steps for corrective action.		

Table 3-467 ShelfInVoltMaxCur

Alarm	Attributes	Applicable major releases
Name: ShelfInVoltMaxCur (5448) Type: communicationsAlarm (4) Package: equipment Raised on class: equipment.CardSlot	Severity: variable Implicitly cleared: true Default probable cause: ShelfInVoltMaxCur (2158)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when Low input voltage floor defect .		
Remedial action: Please refer 1830 PSS Troubleshooting guide for detailed steps for corrective action.		

Table 3-468 ShelfMismatch

Alarm	Attributes	Applicable major releases
Name: ShelfMismatch (2090) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.Shelf	Severity: variable Implicitly cleared: true Default probable cause: Mismatch (1034)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when Shelf mismatch is detected.		
Remedial action: This alarm is raised when the detected DCM or SFD44 shelf serial number does not match the provisioned serial number. Please follow the below steps to clear this alarm: 1. Review DCM and SFD44 shelf serial numbers and make corrections as needed. 2. Display the shelf list. 3. View the results, and use the following commands as needed: a. To change as DCM/SFD44 shelf serial number("config shelf <shelf> serialnum <string>"). b. To create a new shelf("config shelf <shelf> type dcm" or "config shelf <shelf> type sfd44"). c. To delete an existing shelf("config shelf <shelf> type empty"). 4. If the correct serial number is provisioned, but the wrong DCM or SFD44 module is connected, replace the module with one which has the correct serial number.		

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Table 3-469 SignalDegrade

Alarm	Attributes	Applicable major releases
Name: SignalDegrade (2091) Type: communicationsAlarm (4) Package: equipment Raised on class: equipment.PhysicalPort	Severity: variable Implicitly cleared: true Default probable cause: Deg (1071) Applicable probable causes: <ul style="list-style-type: none"> • Deg • SignalDegradeEgress 	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when Signal Degrade - ODU is detected.		
Remedial action: Please refer 1830 PSS Troubleshooting guide for detailed steps for corrective action.		

Table 3-470 SignalDegradeEgress

Alarm	Attributes	Applicable major releases
Name: SignalDegradeEgress (4934) Type: communicationsAlarm (4) Package: equipment Raised on class: equipment.PhysicalPort	Severity: variable Implicitly cleared: true Default probable cause: SignalDegradeEgress (1766)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when Signal Degrade Egress - ODU .		
Remedial action: Please refer 1830 PSS Troubleshooting guide for detailed steps for corrective action.		

Table 3-471 SLCBOOTCONTCOM

Alarm	Attributes	Applicable major releases
Name: SLCBOOTCONTCOM (4925) Type: configurationAlarm (11) Package: equipment Raised on class: equipment.CardSlot	Severity: variable Implicitly cleared: true Default probable cause: SLCBOOTCONTCOM (1987)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when SLC Booting Communication failure .		
Remedial action: Please refer 1830 PSS Troubleshooting guide for detailed steps for corrective action.		

Table 3-472 SLCCARDINIT

Alarm	Attributes	Applicable major releases
Name: SLCCARDINIT (4926) Type: configurationAlarm (11) Package: equipment Raised on class: equipment.CardSlot	Severity: variable Implicitly cleared: true Default probable cause: SLCCARDINIT (1988)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when SLC initializing .		
Remedial action: Please refer 1830 PSS Troubleshooting guide for detailed steps for corrective action.		

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Table 3-473 SLCCLKSYNC

Alarm	Attributes	Applicable major releases
Name: SLCCLKSYNC (4927) Type: configurationAlarm (11) Package: equipment Raised on class: equipment.CardSlot	Severity: variable Implicitly cleared: true Default probable cause: SLCCLKSYNC (1989)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when SLC Clock Sync in progress .		
Remedial action: Please refer 1830 PSS Troubleshooting guide for detailed steps for corrective action.		

Table 3-474 SLCCONTCOM

Alarm	Attributes	Applicable major releases
Name: SLCCONTCOM (4928) Type: configurationAlarm (11) Package: equipment Raised on class: equipment.CardSlot	Severity: variable Implicitly cleared: true Default probable cause: SLCCONTCOM (1990)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when SLC failure - communication .		
Remedial action: Please refer 1830 PSS Troubleshooting guide for detailed steps for corrective action.		

Table 3-475 SLCDATAFLT

Alarm	Attributes	Applicable major releases
Name: SLCDATAFLT (4929) Type: configurationAlarm (11) Package: equipment Raised on class: equipment.CardSlot	Severity: variable Implicitly cleared: true Default probable cause: SLCDATAFLT (1991)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when SLC provisioning failure .		
Remedial action: Please refer 1830 PSS Troubleshooting guide for detailed steps for corrective action.		

Table 3-476 SLCEQPTBOOT

Alarm	Attributes	Applicable major releases
Name: SLCEQPTBOOT (4930) Type: configurationAlarm (11) Package: equipment Raised on class: equipment.CardSlot	Severity: variable Implicitly cleared: true Default probable cause: SLCEQPTBOOT (1992)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when SLC Card failure - infra/boot failure .		
Remedial action: Please refer 1830 PSS Troubleshooting guide for detailed steps for corrective action.		

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Table 3-477 SLCMISMATCH

Alarm	Attributes	Applicable major releases
Name: SLCMISMATCH (4931) Type: configurationAlarm (11) Package: equipment Raised on class: equipment.CardSlot	Severity: variable Implicitly cleared: true Default probable cause: SLCMISMATCH (1993)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when SLC Software version mismatch .		
Remedial action: Please refer 1830 PSS Troubleshooting guide for detailed steps for corrective action.		

Table 3-478 SLCNOTINSERVICE

Alarm	Attributes	Applicable major releases
Name: SLCNOTINSERVICE (4932) Type: configurationAlarm (11) Package: equipment Raised on class: equipment.CardSlot	Severity: variable Implicitly cleared: true Default probable cause: SLCNOTINSERVICE (1994)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when SLC Card not in service .		
Remedial action: Please refer 1830 PSS Troubleshooting guide for detailed steps for corrective action.		

Table 3-479 SLTMSIG

Alarm	Attributes	Applicable major releases
Name: SLTMSIG (3735) Type: equipmentAlarm (3) Package: optical Raised on class: optical.LineReference	Severity: variable Implicitly cleared: true Default probable cause: SLTMSIG (1473)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when Timing reference out-of-frequency is detected.		
Remedial action: To clear the alarm, check the reference frequency offset.		

Table 3-480 SoftwareNotCommitted

Alarm	Attributes	Applicable major releases
Name: SoftwareNotCommitted (4871) Type: communicationsAlarm (4) Package: netw Raised on class: netw.NetworkElement	Severity: variable Implicitly cleared: true Default probable cause: SwUpgCommit (1109)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when No committed software load Autoinstall disabled is detected.		
Remedial action: For 1830 PSS Node, To upgrade to a new release or clear the alarm, the current software load must be committed. Enter the following command to commit the software: CLI config software upgrade commit.		

Table 3-481 SoftwareUpgradeFailure

Alarm	Attributes	Applicable major releases
Name: SoftwareUpgradeFailure (2899) Type: equipmentAlarm (3) Package: netw Raised on class: netw.NetworkElement	Severity: variable Implicitly cleared: true Default probable cause: SwUpdFail (1110)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when Software upgrade failed is detected.		
Remedial action: For 1830 PSS Node.Refer section SWUPGFAIL (Software Upgrade Failed) in 1830 PSS TroubleShooting guide.		

Table 3-482 SoftwareUpgradelnProgress

Alarm	Attributes	Applicable major releases
Name: SoftwareUpgradelnProgress (2900) Type: equipmentAlarm (3) Package: netw Raised on class: netw.NetworkElement	Severity: variable Implicitly cleared: true Default probable cause: SwftDwn (1111)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when Software upgrade in progress is detected.		
Remedial action: Informational.		

Table 3-483 SoftwareVersionMismatch

Alarm	Attributes	Applicable major releases
Name: SoftwareVersionMismatch (2092) Type: communicationsAlarm (4) Package: equipment Raised on class: equipment.CardSlot	Severity: variable Implicitly cleared: true Default probable cause: SfMismatch (1072) Applicable probable causes: <ul style="list-style-type: none"> SfMismatch SWMISM 	<ul style="list-style-type: none"> 2.3 2.5 3.0 3.5 3.6 5.0 5.1 5.5 6.0 7.0
Description: The alarm is raised when Software version mismatch is detected.		
Remedial action: This alarm is raised under the following conditions: a. The software on the alarmed card does not match the software on the nearest EC card because the card failed to update successfully. b. When all cards are not running the same software release. Please follow the below steps to clear this alarm(At the end of each step wait to see if the fault clears. If not proceed with the next step): 1. Find the software version number and release number on the EC card. Compare the corresponding number in the alarmed card. If it is not the same, download the software from EC to the alarmed card. 2. Contact your next level of support.		

Table 3-484 SonetAlarmIndicationSignal

Alarm	Attributes	Applicable major releases
Name: SonetAlarmIndicationSignal (4555) Type: communicationsAlarm (4) Package: equipment Raised on class: equipment.PhysicalPort	Severity: variable Implicitly cleared: true Default probable cause: AisL (1754) Applicable probable causes: <ul style="list-style-type: none"> AisL AisLM 	<ul style="list-style-type: none"> 2.3 2.5 3.0 3.5 3.6 5.0 5.1 5.5 6.0 7.0
Description: The alarm is raised when AIS Line/MS is detected.		
Remedial action: Please refer 1830 PSS Troubleshooting guide for detailed steps for corrective action.		

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Table 3-485 SonetLineRemoteFailureIndication

Alarm	Attributes	Applicable major releases
Name: SonetLineRemoteFailureIndication (4556) Type: communicationsAlarm (4) Package: equipment Raised on class: equipment.PhysicalPort	Severity: variable Implicitly cleared: true Default probable cause: RfiL (1767)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when RFI Line/MS is detected.		
Remedial action: Please refer 1830 PSS Troubleshooting guide for detailed steps for corrective action.		

Table 3-486 SonetLossOfClock

Alarm	Attributes	Applicable major releases
Name: SonetLossOfClock (4557) Type: communicationsAlarm (4) Package: equipment Raised on class: equipment.PhysicalPort	Severity: variable Implicitly cleared: true Default probable cause: LostClock (1026)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when Loss of clock is detected.		
Remedial action: Please refer 1830 PSS Troubleshooting guide for detailed steps for corrective action.		

Table 3-487 SonetLossOfFrame

Alarm	Attributes	Applicable major releases
Name: SonetLossOfFrame (2093) Type: communicationsAlarm (4) Package: equipment Raised on class: equipment.PhysicalPort	Severity: variable Implicitly cleared: true Default probable cause: Lof (1073)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when Loss of frame is detected.		
Remedial action: A receive port on one of the optical cards has detected a Loss Of Frame. The LOF alarm is raised if:the SONET framer detects framing errors in the A1/A2 overhead bytes as per the SONET specification the OTN framer detects corruption in the Framing Alignment Signal (FAS) bytes.Please refer LOF (Loss Of Frame) section for detailed corrective action in 1830 PSS Troubleshooting guide.		

Table 3-488 SonetLossOfPointer

Alarm	Attributes	Applicable major releases
Name: SonetLossOfPointer (4558) Type: communicationsAlarm (4) Package: equipment Raised on class: equipment.PhysicalPort	Severity: variable Implicitly cleared: true Default probable cause: LostClock (1026)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when Loss of clock is detected.		
Remedial action: Please refer 1830 PSS Troubleshooting guide for detailed steps for corrective action.		

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Table 3-489 SonetLossOfSignal

Alarm	Attributes	Applicable major releases
Name: SonetLossOfSignal (4559) Type: communicationsAlarm (4) Package: equipment Raised on class: equipment.PhysicalPort	Severity: variable Implicitly cleared: true Default probable cause: Los (1077)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when Loss of signal is detected.		
Remedial action: Please refer 1830 PSS Troubleshooting guide for detailed steps for corrective action.		

Table 3-490 SonetSectionTraceMismatch

Alarm	Attributes	Applicable major releases
Name: SonetSectionTraceMismatch (2094) Type: communicationsAlarm (4) Package: equipment Raised on class: equipment.PhysicalPort	Severity: variable Implicitly cleared: true Default probable cause: Tim (1074)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when Trace Identifier Mismatch is detected.		
Remedial action: This alarm indicates that the received trail trace is not the same as the expected trail trace. For corrective action please refer 1830 PSS Maintenance and Trouble-Clearing User Guide.		

Table 3-491 SonetSignalDegrade

Alarm	Attributes	Applicable major releases
Name: SonetSignalDegrade (4560) Type: communicationsAlarm (4) Package: equipment Raised on class: equipment.PhysicalPort	Severity: variable Implicitly cleared: true Default probable cause: Sd (1758)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when Signal Degrade is detected.		
Remedial action: Please refer 1830 PSS Troubleshooting guide for detailed steps for corrective action.		

Table 3-492 SonetSignalFailure

Alarm	Attributes	Applicable major releases
Name: SonetSignalFailure (4561) Type: communicationsAlarm (4) Package: equipment Raised on class: equipment.PhysicalPort	Severity: variable Implicitly cleared: true Default probable cause: Sf (1079)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when Excessive BER is detected.		
Remedial action: Please refer 1830 PSS Troubleshooting guide for detailed steps for corrective action.		

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Table 3-493 SpiReadError

Alarm	Attributes	Applicable major releases
Name: SpiReadError (8168) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.Shelf	Severity: variable Implicitly cleared: true Default probable cause: SpiReadError (2560)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when Equipage SPI bus read errors.		
Remedial action: Please refer 1830 PSS Troubleshooting guide for detailed steps for corrective action.		

Table 3-494 SpLoAdjFail

Alarm	Attributes	Applicable major releases
Name: SpLoAdjFail (3393) Type: communicationsAlarm (4) Package: equipment Raised on class: equipment.PhysicalPort	Severity: variable Implicitly cleared: true Default probable cause: SpLoAdjFail (1222)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when Span Loss Adjustment Failure is detected.		
Remedial action: Please refer 1830 PSS Troubleshooting guide for detailed steps for corrective action.		

Table 3-495 SrgDiversity

Alarm	Attributes	Applicable major releases
Name: SrgDiversity (5589) Type: communicationsAlarm (4) Package: netw Raised on class: netw.NetworkElement	Severity: variable Implicitly cleared: true Default probable cause: SrgDiversity (2343)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when SRG diversity violation.		
Remedial action: Please refer 1830 PSS Troubleshooting guide for detailed steps for corrective action.		

Table 3-496 SsfCltEgr

Alarm	Attributes	Applicable major releases
Name: SsfCltEgr (3969) Type: communicationsAlarm (4) Package: equipment Raised on class: equipment.PhysicalPort	Severity: variable Implicitly cleared: true Default probable cause: SsfCltEgr (1546)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when Egress Server Signal Failure - Client is detected.		
Remedial action: Proceed to Procedure - Clear Egress Server Signal Failure-Client in 1830 PSS Troubleshooting guide.		

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Table 3-497 SsfOduOut

Alarm	Attributes	Applicable major releases
Name: SsfOduOut (4562) Type: communicationsAlarm (4) Package: equipment Raised on class: equipment.PhysicalPort	Severity: variable Implicitly cleared: true Default probable cause: SsfOduOut (1768)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when Outgoing Server Signal Failure - ODU is detected.		
Remedial action: Please refer 1830 PSS Troubleshooting guide for detailed steps for corrective action.		

Table 3-498 SsfSection

Alarm	Attributes	Applicable major releases
Name: SsfSection (4563) Type: communicationsAlarm (4) Package: equipment Raised on class: equipment.PhysicalPort	Severity: variable Implicitly cleared: true Default probable cause: SsfSection (1769)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when Server Signal Failure - Section is detected.		
Remedial action: Please refer 1830 PSS Troubleshooting guide for detailed steps for corrective action.		

Table 3-499 SsfSectionOut

Alarm	Attributes	Applicable major releases
Name: SsfSectionOut (4935) Type: communicationsAlarm (4) Package: equipment Raised on class: equipment.PhysicalPort	Severity: variable Implicitly cleared: true Default probable cause: SsfSectionOut (1995)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when Outgoing Server Signal Failure - Section .		
Remedial action: Please refer 1830 PSS Troubleshooting guide for detailed steps for corrective action.		

Table 3-500 StatsRetrieveFailed

Alarm	Attributes	Applicable major releases
Name: StatsRetrieveFailed (244) Type: configurationAlarm (11) Package: sw Raised on class: sw.AccountingStatsRetrievalManager	Severity: major Implicitly cleared: false Default probable cause: fileTransferFailure (89)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when the 5620 SAM main or auxiliary server cannot transfer an accounting file from an NE.		
Raising condition: (('Stats Retrieval State' NOT EQUAL 'Success') AND ('Stats Retrieval State' NOT EQUAL 'Not Attempted'))		
Remedial action: Informational - if the alarm persists or is occurring frequently then investigation is required to understand a) why the underlying transport network is unreliable or b) why the NE is too busy or otherwise cannot respond to the 5620 SAM main or auxiliary server.		

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Table 3-501 SubNodeUnreachable

Alarm	Attributes	Applicable major releases
Name: SubNodeUnreachable (5590) Type: communicationsAlarm (4) Package: netw Raised on class: netw.NetworkElement	Severity: variable Implicitly cleared: true Default probable cause: SubNodeUnreachable (2344)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when Logical node not reachable.		
Remedial action: Please refer 1830 PSS Troubleshooting guide for detailed steps for corrective action.		

Table 3-502 SubscriberSystemNextHopUsageHigh

Alarm	Attributes	Applicable major releases
Name: SubscriberSystemNextHopUsageHigh (5157) Type: thresholdCrossed (6) Package: netw Raised on class: netw.NetworkElement	Severity: minor Implicitly cleared: true Default probable cause: resourceFull (53)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when the IP next-hop usage by subscriber managed routes reaches its high watermark, cleared when it reaches its low watermark again; the watermarks are derived from the limit specified with the property subSysNextHopLimit.		
Raising condition: ('IP Next Hop Usage High' EQUAL 'true')		
Clearing condition: ('IP Next Hop Usage High' EQUAL 'false')		
Remedial action: The alarm is raised when the IP next-hop usage by subscriber managed routes reaches its high watermark, cleared when it reaches its low watermark again; the watermarks are derived from the limit specified with the property subSysNextHopLimit. There is no immediate effect, but when the usage actually hits the limit, new hosts will not get their managed routes.		

Table 3-503 SubSysChassMemoryUsageHi

Alarm	Attributes	Applicable major releases
Name: SubSysChassMemoryUsageHi (5656) Type: thresholdCrossed (6) Package: equipment Raised on class: equipment.Shelf	Severity: minor Implicitly cleared: true Default probable cause: resourceFull (53)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: This alarm is raised when the memory usage by subscriber management on this system or chassis reaches its high watermark ('true').		
Raising condition: ('Memory Usage High' EQUAL 'True')		
Clearing condition: (('Memory Usage High' EQUAL 'False') OR ('Memory Usage High' EQUAL 'unspecified'))		
Remedial action: The memory usage by subscriber management on this system has reached its high watermark. Please check your memory usage.		

Table 3-504 SubtendedShelfIdAssignmentFailure

Alarm	Attributes	Applicable major releases
Name: SubtendedShelfIdAssignmentFailure (4872) Type: equipmentAlarm (3) Package: netw Raised on class: netw.NetworkElement	Severity: variable Implicitly cleared: true Default probable cause: PrcdrErr (1083)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when a subtended shelf cannot be assigned a shelf ID.		
Remedial action: Please refer section PRCDRERR in 1830 PSS Troubleshooting guide for detailed corrective action.		

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Table 3-505 SupvySignalDegrade

Alarm	Attributes	Applicable major releases
Name: SupvySignalDegrade (4564) Type: communicationsAlarm (4) Package: equipment Raised on class: equipment.PhysicalPort	Severity: variable Implicitly cleared: true Default probable cause: SdegO (1770)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when SUPVY Signal Degrade is detected.		
Remedial action: This alarm is raised when OSC SFP receive port on one of the amplifier cards has detected a signal degrade. For corrective action please refer 1830 PSS Maintenance and Trouble-Clearing User Guide.		

Table 3-506 SuspectClkFreq

Alarm	Attributes	Applicable major releases
Name: SuspectClkFreq (5449) Type: communicationsAlarm (4) Package: equipment Raised on class: equipment.CardSlot	Severity: variable Implicitly cleared: true Default probable cause: SuspectClkFreq (2159)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when Freq error > 9.2 ppm => downstream wavetracker errors ."		
Remedial action: Please refer 1830 PSS Troubleshooting guide for detailed steps for corrective action.		

Table 3-507 SyncEqpt

Alarm	Attributes	Applicable major releases
Name: SyncEqpt (4565) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.CardSlot	Severity: variable Implicitly cleared: true Default probable cause: SyncEqpt (1185)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when Synchronization equipment failure is detected.		
Remedial action: Refer Procedure : Clear Synchronization Equipment (CRU) failure alarm in 1830 PSS Troubleshooting guide.		

Table 3-508 SyncIfTimingHoldover

Alarm	Attributes	Applicable major releases
Name: SyncIfTimingHoldover (3970) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.CardSlot	Severity: variable Implicitly cleared: true Default probable cause: SyncIfTimingHoldover (1547)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when Sync Timing Holdover is detected.		
Remedial action: Please refer section - System Timing is in Autonomous Holdover Synchronization Mode in 1830 PSS Troubleshooting guide for detailed steps for corrective action.		

Table 3-509 SyncIfTimingRef1Alarm

Alarm	Attributes	Applicable major releases
Name: SyncIfTimingRef1Alarm (3971) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.CardSlot	Severity: variable Implicitly cleared: true Default probable cause: SyncIfTimingRef1Alarm (1548)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when Sync Timing LineRef0 Alarm is detected.		
Remedial action: This means Synchronization timing reference one has an alarm condition. Please refer section - Sync Timing Reference Failure in 1830 PSS Troubleshooting guide for detailed steps for corrective action.		

Table 3-510 SyncIfTimingRef2Alarm

Alarm	Attributes	Applicable major releases
Name: SyncIfTimingRef2Alarm (3972) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.CardSlot	Severity: variable Implicitly cleared: true Default probable cause: SyncIfTimingRef2Alarm (1549)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when Sync Timing LineRef1 Alarm is detected.		
Remedial action: This means Synchronization timing reference two has an alarm condition. Please refer section - Sync Timing Reference Failure in 1830 PSS Troubleshooting guide for detailed steps for corrective action.		

Table 3-511 SyncLoss

Alarm	Attributes	Applicable major releases
Name: SyncLoss (4956) Type: communicationsAlarm (4) Package: ptp Raised on class: ptp.IEEEPTPport	Severity: variable Implicitly cleared: true Default probable cause: SyncLoss (2011)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when Loss of Sync messages on the slave port .		
Remedial action: Please refer 1830 PSS Troubleshooting guide for detailed steps for corrective action.		

Table 3-512 SyncOos

Alarm	Attributes	Applicable major releases
Name: SyncOos (3919) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.CardSlot	Severity: variable Implicitly cleared: true Default probable cause: SyncOos (1106)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when All selectable timing reference fail is detected.		
Remedial action: SYNCOOS (Timing reference failed (Not Protected or Protection not Available)) / SYNCOOS (Timing reference failed--system going into holdover).Check the timing reference quality and priority.Also, Check the reference status.		

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Table 3-513 SyncOosT4

Alarm	Attributes	Applicable major releases
Name: SyncOosT4 (4566) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.CardSlot	Severity: variable Implicitly cleared: true Default probable cause: SyncOos_T4 (1771)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when T4:All selectable timing reference fail is detected.		
Remedial action: Please refer 1830 PSS Troubleshooting guide for detailed steps for corrective action.		

Table 3-514 SyncRefFail

Alarm	Attributes	Applicable major releases
Name: SyncRefFail (3736) Type: equipmentAlarm (3) Package: optical Raised on class: optical.LineReference	Severity: variable Implicitly cleared: true Default probable cause: SyncRefFail (1474)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when timing reference fails. .		
Remedial action: Check the timing reference quality and priority.		

Table 3-515 SyncRefUnEq

Alarm	Attributes	Applicable major releases
Name: SyncRefUnEq (3926) Type: equipmentAlarm (3) Package: optical Raised on class: optical.LineReference	Severity: variable Implicitly cleared: true Default probable cause: SyncRefUnEq (1512)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when Timing reference is unassigned is detected.		
Remedial action: Check the reference assignment.		

Table 3-516 SyncT4Out

Alarm	Attributes	Applicable major releases
Name: SyncT4Out (4567) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.CardSlot	Severity: variable Implicitly cleared: true Default probable cause: SyncT4Out (1772)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when Timing quality for output timing is insufficient and therefore squelched is detected.		
Remedial action: Please refer 1830 PSS Troubleshooting guide for detailed steps for corrective action.		

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Table 3-517 SystemTimingCardMismatch

Alarm	Attributes	Applicable major releases
Name: SystemTimingCardMismatch (4568) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.CardSlot	Severity: variable Implicitly cleared: true Default probable cause: Mismatch (1034)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when System timing card mismatch is detected.		
Remedial action: Please refer 1830 PSS Troubleshooting guide for detailed steps for corrective action.		

Table 3-518 SystemTimingLossOfBothClocks

Alarm	Attributes	Applicable major releases
Name: SystemTimingLossOfBothClocks (4569) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.CardSlot	Severity: variable Implicitly cleared: true Default probable cause: SyncSysOos (1029)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when System timing loss of both clocks is detected.		
Remedial action: Please refer 1830 PSS Troubleshooting guide for detailed steps for corrective action.		

Table 3-519 SystemTimingLossOfClockRedundancy

Alarm	Attributes	Applicable major releases
Name: SystemTimingLossOfClockRedundancy (4570) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.CardSlot	Severity: variable Implicitly cleared: true Default probable cause: SyncSys (980)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when System timing loss of clock redundancy - Clock A missing is detected.		
Remedial action: Please refer 1830 PSS Troubleshooting guide for detailed steps for corrective action.		

Table 3-520 SystemTimingMisconfiguration

Alarm	Attributes	Applicable major releases
Name: SystemTimingMisconfiguration (4873) Type: communicationsAlarm (4) Package: netw Raised on class: netw.NetworkElement	Severity: variable Implicitly cleared: true Default probable cause: PrcdrErr (1083)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when System timing misprovisioning is detected.		
Remedial action: Please refer section PRCDRERR in 1830 PSS Troubleshooting guide for detailed corrective action.		

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Table 3-521 TBbeMs15Min

Alarm	Attributes	Applicable major releases
Name: TBbeMs15Min (3396) Type: qualityOfServiceAlarm (82) Package: equipment Raised on class: equipment.PhysicalPort	Severity: variable Implicitly cleared: true Default probable cause: T_BBE_MS_15MIN (1225)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when Indicates a BBE-MS Threshold Crossing detection is detected.		
Remedial action: The alarm is raised when the related TCA threshold is crossed. Check min/max range of valid values for this TCA in order to clear the alarm.		

Table 3-522 TBbeMs1Day

Alarm	Attributes	Applicable major releases
Name: TBbeMs1Day (3397) Type: qualityOfServiceAlarm (82) Package: equipment Raised on class: equipment.PhysicalPort	Severity: variable Implicitly cleared: true Default probable cause: T_BBE_MS_1DAY (1226)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when Indicates a BBE-MS Threshold Crossing detection is detected.		
Remedial action: The alarm is raised when the related TCA threshold is crossed. Check min/max range of valid values for this TCA in order to clear the alarm.		

Table 3-523 TBbeOdu15Min

Alarm	Attributes	Applicable major releases
Name: TBbeOdu15Min (3398) Type: qualityOfServiceAlarm (82) Package: equipment Raised on class: equipment.PhysicalPort	Severity: variable Implicitly cleared: true Default probable cause: T_BBE_ODU_15MIN (1227)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when Indicates a BBE-ODU Threshold Crossing detection is detected.		
Remedial action: The alarm is raised when the related TCA threshold is crossed.Check min/max range of valid values for this TCA in order to clear the alarm.		

Table 3-524 TBbeOdu1Day

Alarm	Attributes	Applicable major releases
Name: TBbeOdu1Day (3399) Type: qualityOfServiceAlarm (82) Package: equipment Raised on class: equipment.PhysicalPort	Severity: variable Implicitly cleared: true Default probable cause: T_BBE_ODU_1DAY (1228)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when Indicates a BBE-ODU Threshold Crossing detection is detected.		
Remedial action: The alarm is raised when the related TCA threshold is crossed.Check min/max range of valid values for this TCA in order to clear the alarm.		

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Table 3-525 TBbeOtu15Min

Alarm	Attributes	Applicable major releases
Name: TBbeOtu15Min (3400) Type: qualityOfServiceAlarm (82) Package: equipment Raised on class: equipment.PhysicalPort	Severity: variable Implicitly cleared: true Default probable cause: T_BBE_OTU_15MIN (1229)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when Indicates a BBE-OTU Threshold Crossing detection is detected.		
Remedial action: The alarm is raised when the related TCA threshold is crossed. Check min/max range of valid values for this TCA in order to clear the alarm.		

Table 3-526 TBbeOtu1Day

Alarm	Attributes	Applicable major releases
Name: TBbeOtu1Day (3401) Type: qualityOfServiceAlarm (82) Package: equipment Raised on class: equipment.PhysicalPort	Severity: variable Implicitly cleared: true Default probable cause: T_BBE_OTU_1DAY (1230)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when Indicates a BBE-OTU Threshold Crossing detection is detected.		
Remedial action: The alarm is raised when the related TCA threshold is crossed. Check min/max range of valid values for this TCA in order to clear the alarm.		

Table 3-527 TBbeP15Min

Alarm	Attributes	Applicable major releases
Name: TBbeP15Min (3402) Type: qualityOfServiceAlarm (82) Package: equipment Raised on class: equipment.PhysicalPort	Severity: variable Implicitly cleared: true Default probable cause: T_BBE_P_15MIN (1231)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when Indicates a BBE-P Threshold Crossing detection is detected.		
Remedial action: The alarm is raised when the related TCA threshold is crossed. Check min/max range of valid values for this TCA in order to clear the alarm.		

Table 3-528 TBbeP1Day

Alarm	Attributes	Applicable major releases
Name: TBbeP1Day (3403) Type: qualityOfServiceAlarm (82) Package: equipment Raised on class: equipment.PhysicalPort	Severity: variable Implicitly cleared: true Default probable cause: T_BBE_P_1DAY (1232)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when Indicates a BBE-P Threshold Crossing detection is detected.		
Remedial action: The alarm is raised when the related TCA threshold is crossed. Check min/max range of valid values for this TCA in order to clear the alarm.		

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Table 3-529 TBbePt15Min

Alarm	Attributes	Applicable major releases
Name: TBbePt15Min (3404) Type: qualityOfServiceAlarm (82) Package: equipment Raised on class: equipment.PhysicalPort	Severity: variable Implicitly cleared: true Default probable cause: T_BBE_PT_15MIN (1233)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when Indicates a BBE-PT Threshold Crossing detection is detected.		
Remedial action: The alarm is raised when the related TCA threshold is crossed. Check min/max range of valid values for this TCA in order to clear the alarm.		

Table 3-530 TBbePt1Day

Alarm	Attributes	Applicable major releases
Name: TBbePt1Day (3405) Type: qualityOfServiceAlarm (82) Package: equipment Raised on class: equipment.PhysicalPort	Severity: variable Implicitly cleared: true Default probable cause: T_BBE_PT_1DAY (1234)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when Indicates a BBE-PT Threshold Crossing detection is detected.		
Remedial action: The alarm is raised when the related TCA threshold is crossed. Check min/max range of valid values for this TCA in order to clear the alarm.		

Table 3-531 TBbeRs15Min

Alarm	Attributes	Applicable major releases
Name: TBbeRs15Min (3406) Type: qualityOfServiceAlarm (82) Package: equipment Raised on class: equipment.PhysicalPort	Severity: variable Implicitly cleared: true Default probable cause: T_BBE_RS_15MIN (1235)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when Indicates a BBE-RS Threshold Crossing detection is detected.		
Remedial action: The alarm is raised when the related TCA threshold is crossed. Check min/max range of valid values for this TCA in order to clear the alarm.		

Table 3-532 TBbeRs1Day

Alarm	Attributes	Applicable major releases
Name: TBbeRs1Day (3407) Type: qualityOfServiceAlarm (82) Package: equipment Raised on class: equipment.PhysicalPort	Severity: variable Implicitly cleared: true Default probable cause: T_BBE_RS_1DAY (1236)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when Indicates a BBE-RS Threshold Crossing detection is detected.		
Remedial action: The alarm is raised when the related TCA threshold is crossed. Check min/max range of valid values for this TCA in order to clear the alarm.		

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Table 3-533 TBbeRst15Min

Alarm	Attributes	Applicable major releases
Name: TBbeRst15Min (3408) Type: qualityOfServiceAlarm (82) Package: equipment Raised on class: equipment.PhysicalPort	Severity: variable Implicitly cleared: true Default probable cause: T_BBE_RST_15MIN (1237)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when Indicates a BBE-RS Threshold Crossing detection is detected.		
Remedial action: The alarm is raised when the related TCA threshold is crossed. Check min/max range of valid values for this TCA in order to clear the alarm.		

Table 3-534 TBbeRst1Day

Alarm	Attributes	Applicable major releases
Name: TBbeRst1Day (3409) Type: qualityOfServiceAlarm (82) Package: equipment Raised on class: equipment.PhysicalPort	Severity: variable Implicitly cleared: true Default probable cause: T_BBE_RST_1DAY (1238)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when Indicates a BBE-RS Threshold Crossing detection is detected.		
Remedial action: The alarm is raised when the related TCA threshold is crossed. Check min/max range of valid values for this TCA in order to clear the alarm.		

Table 3-535 TBbeTcm15Min

Alarm	Attributes	Applicable major releases
Name: TBbeTcm15Min (4573) Type: qualityOfServiceAlarm (82) Package: equipment Raised on class: equipment.PhysicalPort	Severity: variable Implicitly cleared: true Default probable cause: T_BBE_TCM_15MIN (1775)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when Indicates a BBE-ODU-TCM NearEnd Threshold Crossing detection is detected.		
Remedial action: Please refer 1830 PSS Troubleshooting guide for detailed steps for corrective action.		

Table 3-536 TBbeTcm1Day

Alarm	Attributes	Applicable major releases
Name: TBbeTcm1Day (4574) Type: qualityOfServiceAlarm (82) Package: equipment Raised on class: equipment.PhysicalPort	Severity: variable Implicitly cleared: true Default probable cause: T_BBE_TCM_1DAY (1776)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when Indicates a BBE-ODU-TCM NearEnd Threshold Crossing detection is detected.		
Remedial action: Please refer 1830 PSS Troubleshooting guide for detailed steps for corrective action.		

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Table 3-537 TBerPostFec15Min

Alarm	Attributes	Applicable major releases
Name: TBerPostFec15Min (3410) Type: qualityOfServiceAlarm (82) Package: equipment Raised on class: equipment.PhysicalPort	Severity: variable Implicitly cleared: true Default probable cause: T_BERPOSTFEC_15MIN (1239)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when Indicates a postFEC BER Threshold Crossing detection is detected.		
Remedial action: The alarm is raised when the related TCA threshold is crossed. Check min/max range of valid values for this TCA in order to clear the alarm.		

Table 3-538 TBerPostFec1Day

Alarm	Attributes	Applicable major releases
Name: TBerPostFec1Day (3411) Type: qualityOfServiceAlarm (82) Package: equipment Raised on class: equipment.PhysicalPort	Severity: variable Implicitly cleared: true Default probable cause: T_BERPOSTFEC_1DAY (1240)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when Indicates a postFEC BER Threshold Crossing detection is detected.		
Remedial action: The alarm is raised when the related TCA threshold is crossed. Check min/max range of valid values for this TCA in order to clear the alarm.		

Table 3-539 TBERPreFec15Min

Alarm	Attributes	Applicable major releases
Name: TBERPreFec15Min (3412) Type: qualityOfServiceAlarm (82) Package: equipment Raised on class: equipment.PhysicalPort	Severity: variable Implicitly cleared: true Default probable cause: T_BERPREFEC_15MIN (1241)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when Indicates a preFEC BER Threshold Crossing detection is detected.		
Remedial action: The alarm is raised when the related TCA threshold is crossed.Check min/max range of valid values for this TCA in order to clear the alarm.		

Table 3-540 TBERPreFec1Day

Alarm	Attributes	Applicable major releases
Name: TBERPreFec1Day (3413) Type: qualityOfServiceAlarm (82) Package: equipment Raised on class: equipment.PhysicalPort	Severity: variable Implicitly cleared: true Default probable cause: T_BERPREFEC_1DAY (1242)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when Indicates a preFEC BER Threshold Crossing detection is detected.		
Remedial action: The alarm is raised when the related TCA threshold is crossed.Check min/max range of valid values for this TCA in order to clear the alarm.		

Table 3-541 TBIAESOtU15Min

Alarm	Attributes	Applicable major releases
Name: TBIAESOtU15Min (3394) Type: qualityOfServiceAlarm (82) Package: equipment Raised on class: equipment.PhysicalPort	Severity: variable Implicitly cleared: true Default probable cause: T_BIAES_OTU_15MIN (1223)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when Indicates a BIAES-OTU Threshold Crossing detection is detected.		
Remedial action: The alarm is raised when the related TCA threshold is crossed.Check min/max range of valid values for this TCA in order to clear the alarm.		

Table 3-542 TBIAESOtU1Day

Alarm	Attributes	Applicable major releases
Name: TBIAESOtU1Day (3395) Type: qualityOfServiceAlarm (82) Package: equipment Raised on class: equipment.PhysicalPort	Severity: variable Implicitly cleared: true Default probable cause: T_BIAES_OTU_1DAY (1224)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when Indicates a BIAES-OTU Threshold Crossing detection is detected.		
Remedial action: The alarm is raised when the related TCA threshold is crossed.Check min/max range of valid values for this TCA in order to clear the alarm.		

Table 3-543 TBIAESTcm15Min

Alarm	Attributes	Applicable major releases
Name: TBIAESTcm15Min (4571) Type: qualityOfServiceAlarm (82) Package: equipment Raised on class: equipment.PhysicalPort	Severity: variable Implicitly cleared: true Default probable cause: T_BIAES_TCM_15MIN (1773)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when Indicates a BIAES-ODU-TCM FarEnd Threshold Crossing detection is detected.		
Remedial action: Please refer 1830 PSS Troubleshooting guide for detailed steps for corrective action.		

Table 3-544 TBIAESTcm1Day

Alarm	Attributes	Applicable major releases
Name: TBIAESTcm1Day (4572) Type: qualityOfServiceAlarm (82) Package: equipment Raised on class: equipment.PhysicalPort	Severity: variable Implicitly cleared: true Default probable cause: T_BIAES_TCM_1DAY (1774)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when Indicates a BIAES-ODU-TCM FarEnd Threshold Crossing detection is detected.		
Remedial action: Please refer 1830 PSS Troubleshooting guide for detailed steps for corrective action.		

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Table 3-545 TCMAis

Alarm	Attributes	Applicable major releases
Name: TCMAis (5450) Type: communicationsAlarm (4) Package: equipment Raised on class: equipment.PhysicalPort	Severity: variable Implicitly cleared: true Default probable cause: TCMAis (2160)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when TCM-AIS .		
Remedial action: Please refer 1830 PSS Troubleshooting guide for detailed steps for corrective action.		

Table 3-546 TcmBackwardDefectIndication

Alarm	Attributes	Applicable major releases
Name: TcmBackwardDefectIndication (4591) Type: communicationsAlarm (4) Package: equipment Raised on class: equipment.PhysicalPort	Severity: variable Implicitly cleared: true Default probable cause: BdiTcm (1793)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when Backward Defect Indication - TCM is detected.		
Remedial action: Please refer 1830 PSS Troubleshooting guide for detailed steps for corrective action.		

Table 3-547 TcmLockedIndication

Alarm	Attributes	Applicable major releases
Name: TcmLockedIndication (4592) Type: communicationsAlarm (4) Package: equipment Raised on class: equipment.PhysicalPort	Severity: variable Implicitly cleared: true Default probable cause: LckTcm (1794)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when Locked - TCM is detected.		
Remedial action: Please refer 1830 PSS Troubleshooting guide for detailed steps for corrective action.		

Table 3-548 TcmLossofTandemConnection

Alarm	Attributes	Applicable major releases
Name: TcmLossofTandemConnection (4593) Type: communicationsAlarm (4) Package: equipment Raised on class: equipment.PhysicalPort	Severity: variable Implicitly cleared: true Default probable cause: LtcTcm (1795)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when Loss of Tandem Connection - TCM is detected.		
Remedial action: Please refer 1830 PSS Troubleshooting guide for detailed steps for corrective action.		

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Table 3-549 TcmOpenConnectionIndication

Alarm	Attributes	Applicable major releases
Name: TcmOpenConnectionIndication (4594) Type: communicationsAlarm (4) Package: equipment Raised on class: equipment.PhysicalPort	Severity: variable Implicitly cleared: true Default probable cause: OciTcm (1796)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when Open Connection Indication - TCM is detected.		
Remedial action: Please refer 1830 PSS Troubleshooting guide for detailed steps for corrective action.		

Table 3-550 TcmServerSignalFailure

Alarm	Attributes	Applicable major releases
Name: TcmServerSignalFailure (4595) Type: communicationsAlarm (4) Package: equipment Raised on class: equipment.PhysicalPort	Severity: variable Implicitly cleared: true Default probable cause: SsFTcm (1797)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when Server Signal Failure - TCM is detected.		
Remedial action: Please refer 1830 PSS Troubleshooting guide for detailed steps for corrective action.		

Table 3-551 TcmTrailTracelIdentifierMismatch

Alarm	Attributes	Applicable major releases
Name: TcmTrailTracelIdentifierMismatch (4596) Type: communicationsAlarm (4) Package: equipment Raised on class: equipment.PhysicalPort	Severity: variable Implicitly cleared: true Default probable cause: TimTcm (1798)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when Trail Identifier Mismatch - TCM is detected.		
Remedial action: Please refer 1830 PSS Troubleshooting guide for detailed steps for corrective action.		

Table 3-552 TCv15Min

Alarm	Attributes	Applicable major releases
Name: TCv15Min (3414) Type: qualityOfServiceAlarm (82) Package: equipment Raised on class: equipment.PhysicalPort	Severity: variable Implicitly cleared: true Default probable cause: T_CV_15MIN (1243)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when Indicates a CV Threshold Crossing detection is detected.		
Remedial action: The alarm is raised when the related TCA threshold is crossed. Check min/max range of valid values for this TCA in order to clear the alarm.		

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Table 3-553 TCv1Day

Alarm	Attributes	Applicable major releases
Name: TCv1Day (3415) Type: qualityOfServiceAlarm (82) Package: equipment Raised on class: equipment.PhysicalPort	Severity: variable Implicitly cleared: true Default probable cause: T_CV_1DAY (1244)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when Indicates a CV Threshold Crossing detection is detected.		
Remedial action: The alarm is raised when the related TCA threshold is crossed. Check min/max range of valid values for this TCA in order to clear the alarm.		

Table 3-554 TCvPcs15Min

Alarm	Attributes	Applicable major releases
Name: TCvPcs15Min (3416) Type: qualityOfServiceAlarm (82) Package: equipment Raised on class: equipment.PhysicalPort	Severity: variable Implicitly cleared: true Default probable cause: T_CV_PCS_15MIN (1245)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when Indicates a CV-PCS Threshold Crossing detection is detected.		
Remedial action: The alarm is raised when the related TCA threshold is crossed. Check min/max range of valid values for this TCA in order to clear the alarm.		

Table 3-555 TCvPcs1Day

Alarm	Attributes	Applicable major releases
Name: TCvPcs1Day (3417) Type: qualityOfServiceAlarm (82) Package: equipment Raised on class: equipment.PhysicalPort	Severity: variable Implicitly cleared: true Default probable cause: T_CV_PCS_1DAY (1246)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when Indicates a CV-PCS Threshold Crossing detection is detected.		
Remedial action: The alarm is raised when the related TCA threshold is crossed.Check min/max range of valid values for this TCA in order to clear the alarm.		

Table 3-556 TCvPcst15Min

Alarm	Attributes	Applicable major releases
Name: TCvPcst15Min (3418) Type: qualityOfServiceAlarm (82) Package: equipment Raised on class: equipment.PhysicalPort	Severity: variable Implicitly cleared: true Default probable cause: T_CV_PCST_15MIN (1247)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when Indicates a CV-PCS Threshold Crossing detection is detected.		
Remedial action: The alarm is raised when the related TCA threshold is crossed.Check min/max range of valid values for this TCA in order to clear the alarm.		

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Table 3-557 TCvPcst1Day

Alarm	Attributes	Applicable major releases
Name: TCvPcst1Day (3419) Type: qualityOfServiceAlarm (82) Package: equipment Raised on class: equipment.PhysicalPort	Severity: variable Implicitly cleared: true Default probable cause: T_CV_PCST_1DAY (1248)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when Indicates a CV-PCS Threshold Crossing detection is detected.		
Remedial action: The alarm is raised when the related TCA threshold is crossed. Check min/max range of valid values for this TCA in order to clear the alarm.		

Table 3-558 TCvs15Min

Alarm	Attributes	Applicable major releases
Name: TCvs15Min (3420) Type: qualityOfServiceAlarm (82) Package: equipment Raised on class: equipment.PhysicalPort	Severity: variable Implicitly cleared: true Default probable cause: T_CVS_15MIN (1249)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when Indicates a CV-S Threshold Crossing detection is detected.		
Remedial action: The alarm is raised when the related TCA threshold is crossed. Check min/max range of valid values for this TCA in order to clear the alarm.		

Table 3-559 TCvs1Day

Alarm	Attributes	Applicable major releases
Name: TCvs1Day (3421) Type: qualityOfServiceAlarm (82) Package: equipment Raised on class: equipment.PhysicalPort	Severity: variable Implicitly cleared: true Default probable cause: T_CVS_1DAY (1250)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when Indicates a CV-S Threshold Crossing detection is detected.		
Remedial action: The alarm is raised when the related TCA threshold is crossed. Check min/max range of valid values for this TCA in order to clear the alarm.		

Table 3-560 TCvst15Min

Alarm	Attributes	Applicable major releases
Name: TCvst15Min (3422) Type: qualityOfServiceAlarm (82) Package: equipment Raised on class: equipment.PhysicalPort	Severity: variable Implicitly cleared: true Default probable cause: T_CVST_15MIN (1251)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when Indicates a CV-S Threshold Crossing detection is detected.		
Remedial action: The alarm is raised when the related TCA threshold is crossed. Check min/max range of valid values for this TCA in order to clear the alarm.		

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Table 3-561 TCvst1Day

Alarm	Attributes	Applicable major releases
Name: TCvst1Day (3423) Type: qualityOfServiceAlarm (82) Package: equipment Raised on class: equipment.PhysicalPort	Severity: variable Implicitly cleared: true Default probable cause: T_CVST_1DAY (1252)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when Indicates a CV-S Threshold Crossing detection is detected.		
Remedial action: The alarm is raised when the related TCA threshold is crossed. Check min/max range of valid values for this TCA in order to clear the alarm.		

Table 3-562 TEs15Min

Alarm	Attributes	Applicable major releases
Name: TEs15Min (3424) Type: qualityOfServiceAlarm (82) Package: equipment Raised on class: equipment.PhysicalPort	Severity: variable Implicitly cleared: true Default probable cause: T_ES_15MIN (1253)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when Indicates a ES Threshold Crossing detection is detected.		
Remedial action: The alarm is raised when the related TCA threshold is crossed. Check min/max range of valid values for this TCA in order to clear the alarm.		

Table 3-563 TEs1Day

Alarm	Attributes	Applicable major releases
Name: TEs1Day (3425) Type: qualityOfServiceAlarm (82) Package: equipment Raised on class: equipment.PhysicalPort	Severity: variable Implicitly cleared: true Default probable cause: T_ES_1DAY (1254)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when Indicates a ES Threshold Crossing detection is detected.		
Remedial action: The alarm is raised when the related TCA threshold is crossed.Check min/max range of valid values for this TCA in order to clear the alarm.		

Table 3-564 TEsL15Min

Alarm	Attributes	Applicable major releases
Name: TEsL15Min (3426) Type: qualityOfServiceAlarm (82) Package: equipment Raised on class: equipment.PhysicalPort	Severity: variable Implicitly cleared: true Default probable cause: T_ES_L_15MIN (1255)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when Indicates a ES-L Threshold Crossing detection is detected.		
Remedial action: The alarm is raised when the related TCA threshold is crossed.Check min/max range of valid values for this TCA in order to clear the alarm.		

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Table 3-565 TEsL1Day

Alarm	Attributes	Applicable major releases
Name: TEsL1Day (3427) Type: qualityOfServiceAlarm (82) Package: equipment Raised on class: equipment.PhysicalPort	Severity: variable Implicitly cleared: true Default probable cause: T_ES_L_1DAY (1256)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when Indicates a ES-L Threshold Crossing detection is detected.		
Remedial action: The alarm is raised when the related TCA threshold is crossed.Check min/max range of valid values for this TCA in order to clear the alarm.		

Table 3-566 TEsMs15Min

Alarm	Attributes	Applicable major releases
Name: TEsMs15Min (3428) Type: qualityOfServiceAlarm (82) Package: equipment Raised on class: equipment.PhysicalPort	Severity: variable Implicitly cleared: true Default probable cause: T_ES_MS_15MIN (1257)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when Indicates a ES-MS Threshold Crossing detection is detected.		
Remedial action: The alarm is raised when the related TCA threshold is crossed.Check min/max range of valid values for this TCA in order to clear the alarm.		

Table 3-567 TEsMs1Day

Alarm	Attributes	Applicable major releases
Name: TEsMs1Day (3429) Type: qualityOfServiceAlarm (82) Package: equipment Raised on class: equipment.PhysicalPort	Severity: variable Implicitly cleared: true Default probable cause: T_ES_MS_1DAY (1258)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when Indicates a ES-MS Threshold Crossing detection is detected.		
Remedial action: The alarm is raised when the related TCA threshold is crossed.Check min/max range of valid values for this TCA in order to clear the alarm.		

Table 3-568 TEsOdu15Min

Alarm	Attributes	Applicable major releases
Name: TEsOdu15Min (3430) Type: qualityOfServiceAlarm (82) Package: equipment Raised on class: equipment.PhysicalPort	Severity: variable Implicitly cleared: true Default probable cause: T_ES_ODU_15MIN (1259)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when Indicates ES-ODU Threshold Crossing detection is detected.		
Remedial action: The alarm is raised when the related TCA threshold is crossed.Check min/max range of valid values for this TCA in order to clear the alarm.		

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Table 3-569 TEsOdu1Day

Alarm	Attributes	Applicable major releases
Name: TEsOdu1Day (3431) Type: qualityOfServiceAlarm (82) Package: equipment Raised on class: equipment.PhysicalPort	Severity: variable Implicitly cleared: true Default probable cause: T_ES_ODU_1DAY (1260)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when Indicates a ES-ODU Threshold Crossing detection is detected.		
Remedial action: The alarm is raised when the related TCA threshold is crossed.Check min/max range of valid values for this TCA in order to clear the alarm.		

Table 3-570 TEsOtu15Min

Alarm	Attributes	Applicable major releases
Name: TEsOtu15Min (3432) Type: qualityOfServiceAlarm (82) Package: equipment Raised on class: equipment.PhysicalPort	Severity: variable Implicitly cleared: true Default probable cause: T_ES_OTU_15MIN (1261)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when Indicates a ES-OTU Threshold Crossing detection is detected.		
Remedial action: The alarm is raised when the related TCA threshold is crossed.Check min/max range of valid values for this TCA in order to clear the alarm.		

Table 3-571 TEsOtu1Day

Alarm	Attributes	Applicable major releases
Name: TEsOtu1Day (3433) Type: qualityOfServiceAlarm (82) Package: equipment Raised on class: equipment.PhysicalPort	Severity: variable Implicitly cleared: true Default probable cause: T_ES_OTU_1DAY (1262)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when Indicates a ES-OTU Threshold Crossing detection is detected.		
Remedial action: The alarm is raised when the related TCA threshold is crossed.Check min/max range of valid values for this TCA in order to clear the alarm.		

Table 3-572 TEsP15Min

Alarm	Attributes	Applicable major releases
Name: TEsP15Min (3434) Type: qualityOfServiceAlarm (82) Package: equipment Raised on class: equipment.PhysicalPort	Severity: variable Implicitly cleared: true Default probable cause: T_ES_P_15MIN (1263)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when Indicates a ES-P Threshold Crossing detection is detected.		
Remedial action: The alarm is raised when the related TCA threshold is crossed.Check min/max range of valid values for this TCA in order to clear the alarm.		

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Table 3-573 TEsP1Day

Alarm	Attributes	Applicable major releases
Name: TEsP1Day (3435) Type: qualityOfServiceAlarm (82) Package: equipment Raised on class: equipment.PhysicalPort	Severity: variable Implicitly cleared: true Default probable cause: T_ES_P_1DAY (1264)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when Indicates a ES-P Threshold Crossing detection is detected.		
Remedial action: The alarm is raised when the related TCA threshold is crossed.Check min/max range of valid values for this TCA in order to clear the alarm.		

Table 3-574 TEsPcs15Min

Alarm	Attributes	Applicable major releases
Name: TEsPcs15Min (3436) Type: qualityOfServiceAlarm (82) Package: equipment Raised on class: equipment.PhysicalPort	Severity: variable Implicitly cleared: true Default probable cause: T_ES_PCS_15MIN (1265)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when Indicates a ES-PCS Threshold Crossing detection is detected.		
Remedial action: The alarm is raised when the related TCA threshold is crossed.Check min/max range of valid values for this TCA in order to clear the alarm.		

Table 3-575 TEsPcs1Day

Alarm	Attributes	Applicable major releases
Name: TEsPcs1Day (3437) Type: qualityOfServiceAlarm (82) Package: equipment Raised on class: equipment.PhysicalPort	Severity: variable Implicitly cleared: true Default probable cause: T_ES_PCS_1DAY (1266)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when Indicates a ES-PCS Threshold Crossing detection is detected.		
Remedial action: The alarm is raised when the related TCA threshold is crossed.Check min/max range of valid values for this TCA in order to clear the alarm.		

Table 3-576 TEsPcst15Min

Alarm	Attributes	Applicable major releases
Name: TEsPcst15Min (3438) Type: qualityOfServiceAlarm (82) Package: equipment Raised on class: equipment.PhysicalPort	Severity: variable Implicitly cleared: true Default probable cause: T_ES_PCST_15MIN (1267)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when Indicates a ES-PCS Threshold Crossing detection is detected.		
Remedial action: The alarm is raised when the related TCA threshold is crossed.Check min/max range of valid values for this TCA in order to clear the alarm.		

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Table 3-577 TEsPcst1Day

Alarm	Attributes	Applicable major releases
Name: TEsPcst1Day (3439) Type: qualityOfServiceAlarm (82) Package: equipment Raised on class: equipment.PhysicalPort	Severity: variable Implicitly cleared: true Default probable cause: T_ES_PCST_1DAY (1268)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when Indicates a ES-PCS Threshold Crossing detection is detected.		
Remedial action: The alarm is raised when the related TCA threshold is crossed.Check min/max range of valid values for this TCA in order to clear the alarm.		

Table 3-578 TEsPt15Min

Alarm	Attributes	Applicable major releases
Name: TEsPt15Min (3440) Type: qualityOfServiceAlarm (82) Package: equipment Raised on class: equipment.PhysicalPort	Severity: variable Implicitly cleared: true Default probable cause: T_ES_PT_15MIN (1269)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when Indicates a ES-PT Threshold Crossing detection is detected.		
Remedial action: The alarm is raised when the related TCA threshold is crossed.Check min/max range of valid values for this TCA in order to clear the alarm.		

Table 3-579 TEsPt1Day

Alarm	Attributes	Applicable major releases
Name: TEsPt1Day (3441) Type: qualityOfServiceAlarm (82) Package: equipment Raised on class: equipment.PhysicalPort	Severity: variable Implicitly cleared: true Default probable cause: T_ES_PT_1DAY (1270)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when Indicates a ES-PT Threshold Crossing detection is detected.		
Remedial action: The alarm is raised when the related TCA threshold is crossed.Check min/max range of valid values for this TCA in order to clear the alarm.		

Table 3-580 TEsRs15Min

Alarm	Attributes	Applicable major releases
Name: TEsRs15Min (3442) Type: qualityOfServiceAlarm (82) Package: equipment Raised on class: equipment.PhysicalPort	Severity: variable Implicitly cleared: true Default probable cause: T_ES_RS_15MIN (1271)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when Indicates a ES-RS Threshold Crossing detection is detected.		
Remedial action: The alarm is raised when the related TCA threshold is crossed.Check min/max range of valid values for this TCA in order to clear the alarm.		

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Table 3-581 TEsRs1Day

Alarm	Attributes	Applicable major releases
Name: TEsRs1Day (3443) Type: qualityOfServiceAlarm (82) Package: equipment Raised on class: equipment.PhysicalPort	Severity: variable Implicitly cleared: true Default probable cause: T_ES_RS_1DAY (1272)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when Indicates a ES-RS Threshold Crossing detection is detected.		
Remedial action: The alarm is raised when the related TCA threshold is crossed.Check min/max range of valid values for this TCA in order to clear the alarm.		

Table 3-582 TEsRst15Min

Alarm	Attributes	Applicable major releases
Name: TEsRst15Min (3444) Type: qualityOfServiceAlarm (82) Package: equipment Raised on class: equipment.PhysicalPort	Severity: variable Implicitly cleared: true Default probable cause: T_ES_RST_15MIN (1273)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when Indicates a ES-RS Threshold Crossing detection is detected.		
Remedial action: The alarm is raised when the related TCA threshold is crossed.Check min/max range of valid values for this TCA in order to clear the alarm.		

Table 3-583 TEsRst1Day

Alarm	Attributes	Applicable major releases
Name: TEsRst1Day (3445) Type: qualityOfServiceAlarm (82) Package: equipment Raised on class: equipment.PhysicalPort	Severity: variable Implicitly cleared: true Default probable cause: T_ES_RST_1DAY (1274)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when Indicates a ES-RS Threshold Crossing detection is detected.		
Remedial action: The alarm is raised when the related TCA threshold is crossed.Check min/max range of valid values for this TCA in order to clear the alarm.		

Table 3-584 TEss15Min

Alarm	Attributes	Applicable major releases
Name: TEss15Min (3446) Type: qualityOfServiceAlarm (82) Package: equipment Raised on class: equipment.PhysicalPort	Severity: variable Implicitly cleared: true Default probable cause: T_ESS_15MIN (1275)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when Indicates a ES-S Threshold Crossing detection is detected.		
Remedial action: The alarm is raised when the related TCA threshold is crossed.Check min/max range of valid values for this TCA in order to clear the alarm.		

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Table 3-585 TEss1Day

Alarm	Attributes	Applicable major releases
Name: TEss1Day (3447) Type: qualityOfServiceAlarm (82) Package: equipment Raised on class: equipment.PhysicalPort	Severity: variable Implicitly cleared: true Default probable cause: T_ESS_1DAY (1276)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when Indicates a ES-S Threshold Crossing detection is detected.		
Remedial action: The alarm is raised when the related TCA threshold is crossed.Check min/max range of valid values for this TCA in order to clear the alarm.		

Table 3-586 TEsst15Min

Alarm	Attributes	Applicable major releases
Name: TEsst15Min (3448) Type: qualityOfServiceAlarm (82) Package: equipment Raised on class: equipment.PhysicalPort	Severity: variable Implicitly cleared: true Default probable cause: T_ESST_15MIN (1277)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when Indicates a ES-S Threshold Crossing detection is detected.		
Remedial action: The alarm is raised when the related TCA threshold is crossed.Check min/max range of valid values for this TCA in order to clear the alarm.		

Table 3-587 TEsst1Day

Alarm	Attributes	Applicable major releases
Name: TEsst1Day (3449) Type: qualityOfServiceAlarm (82) Package: equipment Raised on class: equipment.PhysicalPort	Severity: variable Implicitly cleared: true Default probable cause: T_ESST_1DAY (1278)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when Indicates a ES-S Threshold Crossing detection is detected.		
Remedial action: The alarm is raised when the related TCA threshold is crossed. Check min/max range of valid values for this TCA in order to clear the alarm.		

Table 3-588 TEstcm15Min

Alarm	Attributes	Applicable major releases
Name: TEstcm15Min (4575) Type: qualityOfServiceAlarm (82) Package: equipment Raised on class: equipment.PhysicalPort	Severity: variable Implicitly cleared: true Default probable cause: T_ES_TCM_15MIN (1777)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when Indicates a ES-ODU-TCM NearEnd Threshold Crossing detection is detected.		
Remedial action: Please refer 1830 PSS Troubleshooting guide for detailed steps for corrective action.		

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Table 3-589 TEstcm1Day

Alarm	Attributes	Applicable major releases
Name: TEstcm1Day (4576) Type: qualityOfServiceAlarm (82) Package: equipment Raised on class: equipment.PhysicalPort	Severity: variable Implicitly cleared: true Default probable cause: T_ES_TCM_1DAY (1778)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when Indicates a ES-ODU-TCM NearEnd Threshold Crossing detection is detected.		
Remedial action: Please refer 1830 PSS Troubleshooting guide for detailed steps for corrective action.		

Table 3-590 TestMode

Alarm	Attributes	Applicable major releases
Name: TestMode (5591) Type: communicationsAlarm (4) Package: netw Raised on class: netw.NetworkElement	Severity: variable Implicitly cleared: true Default probable cause: TestMode (2345)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when test mode.		
Remedial action: Please refer 1830 PSS Troubleshooting guide for detailed steps for corrective action.		

Table 3-591 TEthpkter15Min

Alarm	Attributes	Applicable major releases
Name: TEthpkter15Min (3450) Type: qualityOfServiceAlarm (82) Package: equipment Raised on class: equipment.PhysicalPort	Severity: rminate Implicitly cleared: true Default probable cause: T_ETHPKTER_15MIN (1279)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when Indicates a ETHPKTER Threshold Crossing detection is detected.		
Remedial action: The alarm is raised when the related TCA threshold is crossed.Check min/max range of valid values for this TCA in order to clear the alarm.		

Table 3-592 TEthpkter1Day

Alarm	Attributes	Applicable major releases
Name: TEthpkter1Day (3451) Type: qualityOfServiceAlarm (82) Package: equipment Raised on class: equipment.PhysicalPort	Severity: variable Implicitly cleared: true Default probable cause: T_ETHPKTER_1DAY (1280)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when Indicates a ETHPKTER Threshold Crossing detection is detected.		
Remedial action: The alarm is raised when the related TCA threshold is crossed.Check min/max range of valid values for this TCA in order to clear the alarm.		

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Table 3-593 TEthpktert15Min

Alarm	Attributes	Applicable major releases
Name: TEthpktert15Min (3452) Type: qualityOfServiceAlarm (82) Package: equipment Raised on class: equipment.PhysicalPort	Severity: variable Implicitly cleared: true Default probable cause: T_ETHPKTERT_15MIN (1281)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when Indicates a ETHPKTERT Threshold Crossing detection is detected.		
Remedial action: The alarm is raised when the related TCA threshold is crossed.Check min/max range of valid values for this TCA in order to clear the alarm.		

Table 3-594 TEthpktert1Day

Alarm	Attributes	Applicable major releases
Name: TEthpktert1Day (3453) Type: qualityOfServiceAlarm (82) Package: equipment Raised on class: equipment.PhysicalPort	Severity: variable Implicitly cleared: true Default probable cause: T_ETHPKTERT_1DAY (1282)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when Indicates a ETHPKTERT Threshold Crossing detection is detected.		
Remedial action: The alarm is raised when the related TCA threshold is crossed.Check min/max range of valid values for this TCA in order to clear the alarm.		

Table 3-595 TFeBbeMs15Min

Alarm	Attributes	Applicable major releases
Name: TFeBbeMs15Min (3454) Type: qualityOfServiceAlarm (82) Package: equipment Raised on class: equipment.PhysicalPort	Severity: variable Implicitly cleared: true Default probable cause: T_FEBBE_MS_15MIN (1283)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when Indicates a FEBBE-MS Threshold Crossing detection is detected.		
Remedial action: The alarm is raised when the related TCA threshold is crossed.Check min/max range of valid values for this TCA in order to clear the alarm.		

Table 3-596 TFeBbeMs1Day

Alarm	Attributes	Applicable major releases
Name: TFeBbeMs1Day (3455) Type: qualityOfServiceAlarm (82) Package: equipment Raised on class: equipment.PhysicalPort	Severity: variable Implicitly cleared: true Default probable cause: T_FEBBE_MS_1DAY (1284)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when Indicates a FEBBE-MS Threshold Crossing detection is detected.		
Remedial action: The alarm is raised when the related TCA threshold is crossed.Check min/max range of valid values for this TCA in order to clear the alarm.		

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Table 3-597 TFeBbeOdu15Min

Alarm	Attributes	Applicable major releases
Name: TFeBbeOdu15Min (3456) Type: qualityOfServiceAlarm (82) Package: equipment Raised on class: equipment.PhysicalPort	Severity: variable Implicitly cleared: true Default probable cause: T_FEBBE_ODU_15MIN (1285)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when Indicates a FarEnd BBE-ODU Threshold Crossing detection is detected.		
Remedial action: The alarm is raised when the related TCA threshold is crossed.Check min/max range of valid values for this TCA in order to clear the alarm.		

Table 3-598 TFeBbeOdu1Day

Alarm	Attributes	Applicable major releases
Name: TFeBbeOdu1Day (3457) Type: qualityOfServiceAlarm (82) Package: equipment Raised on class: equipment.PhysicalPort	Severity: variable Implicitly cleared: true Default probable cause: T_FEBBE_ODU_1DAY (1286)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when Indicates a FarEnd BBE-ODU Threshold Crossing detection is detected.		
Remedial action: The alarm is raised when the related TCA threshold is crossed.Check min/max range of valid values for this TCA in order to clear the alarm.		

Table 3-599 TFeBbeOtu15Min

Alarm	Attributes	Applicable major releases
Name: TFeBbeOtu15Min (3458) Type: qualityOfServiceAlarm (82) Package: equipment Raised on class: equipment.PhysicalPort	Severity: variable Implicitly cleared: true Default probable cause: T_FEBBE_OTU_15MIN (1287)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when Indicates a FarEnd BBE-OTU Threshold Crossing detection is detected.		
Remedial action: The alarm is raised when the related TCA threshold is crossed.Check min/max range of valid values for this TCA in order to clear the alarm.		

Table 3-600 TFeBbeOtu1Day

Alarm	Attributes	Applicable major releases
Name: TFeBbeOtu1Day (3459) Type: qualityOfServiceAlarm (82) Package: equipment Raised on class: equipment.PhysicalPort	Severity: variable Implicitly cleared: true Default probable cause: T_FEBBE_OTU_1DAY (1288)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when Indicates a FarEnd BBE-OTU Threshold Crossing detection is detected.		
Remedial action: The alarm is raised when the related TCA threshold is crossed.Check min/max range of valid values for this TCA in order to clear the alarm.		

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Table 3-601 TFeBbeTcm15Min

Alarm	Attributes	Applicable major releases
Name: TFeBbeTcm15Min (4577) Type: qualityOfServiceAlarm (82) Package: equipment Raised on class: equipment.PhysicalPort	Severity: variable Implicitly cleared: true Default probable cause: T_FEBBE_TCM_15MIN (1779)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when Indicates a BBE-ODU-TCM FarEnd Threshold Crossing detection is detected.		
Remedial action: Please refer 1830 PSS Troubleshooting guide for detailed steps for corrective action.		

Table 3-602 TFeBbeTcm1Day

Alarm	Attributes	Applicable major releases
Name: TFeBbeTcm1Day (4578) Type: qualityOfServiceAlarm (82) Package: equipment Raised on class: equipment.PhysicalPort	Severity: variable Implicitly cleared: true Default probable cause: T_FEBBE_TCM_1DAY (1780)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when Indicates a BBE-ODU-TCM FarEnd Threshold Crossing detection is detected.		
Remedial action: Please refer 1830 PSS Troubleshooting guide for detailed steps for corrective action.		

Table 3-603 TFecc15Min

Alarm	Attributes	Applicable major releases
Name: TFecc15Min (3480) Type: qualityOfServiceAlarm (82) Package: equipment Raised on class: equipment.PhysicalPort	Severity: variable Implicitly cleared: true Default probable cause: T_FECC_15MIN (1309)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when Indicates a FECC Threshold Crossing detection is detected.		
Remedial action: The alarm is raised when the related TCA threshold is crossed.Check min/max range of valid values for this TCA in order to clear the alarm.		

Table 3-604 TFecc1Day

Alarm	Attributes	Applicable major releases
Name: TFecc1Day (3481) Type: qualityOfServiceAlarm (82) Package: equipment Raised on class: equipment.PhysicalPort	Severity: variable Implicitly cleared: true Default probable cause: T_FECC_1DAY (1310)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when Indicates a FECC Threshold Crossing detection is detected.		
Remedial action: The alarm is raised when the related TCA threshold is crossed.Check min/max range of valid values for this TCA in order to clear the alarm.		

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Table 3-605 TFecUbc15Min

Alarm	Attributes	Applicable major releases
Name: TFecUbc15Min (4936) Type: communicationsAlarm (4) Package: equipment Raised on class: equipment.PhysicalPort	Severity: variable Implicitly cleared: true Default probable cause: T_FEC_UBC_15MIN (1996)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when Indicates a FECUBC Threshold Crossing detection .		
Remedial action: Please refer 1830 PSS Troubleshooting guide for detailed steps for corrective action.		

Table 3-606 TFecUbc1Day

Alarm	Attributes	Applicable major releases
Name: TFecUbc1Day (4937) Type: communicationsAlarm (4) Package: equipment Raised on class: equipment.PhysicalPort	Severity: variable Implicitly cleared: true Default probable cause: T_FEC_UBC_1DAY (1997)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when Indicates a FECUBC Threshold Crossing detection .		
Remedial action: Please refer 1830 PSS Troubleshooting guide for detailed steps for corrective action.		

Table 3-607 TFecUbu15Min

Alarm	Attributes	Applicable major releases
Name: TFecUbu15Min (3478) Type: qualityOfServiceAlarm (82) Package: equipment Raised on class: equipment.PhysicalPort	Severity: variable Implicitly cleared: true Default probable cause: T_FEC_UBU_15MIN (1307)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when Indicates a FECUBC Threshold Crossing detection is detected.		
Remedial action: The alarm is raised when the related TCA threshold is crossed.Check min/max range of valid values for this TCA in order to clear the alarm.		

Table 3-608 TFecUbu1Day

Alarm	Attributes	Applicable major releases
Name: TFecUbu1Day (3479) Type: qualityOfServiceAlarm (82) Package: equipment Raised on class: equipment.PhysicalPort	Severity: variable Implicitly cleared: true Default probable cause: T_FEC_UBU_1DAY (1308)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when Indicates a FECUBC Threshold Crossing detection is detected.		
Remedial action: The alarm is raised when the related TCA threshold is crossed.Check min/max range of valid values for this TCA in order to clear the alarm.		

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Table 3-609 TFeEsMs15Min

Alarm	Attributes	Applicable major releases
Name: TFeEsMs15Min (3460) Type: qualityOfServiceAlarm (82) Package: equipment Raised on class: equipment.PhysicalPort	Severity: variable Implicitly cleared: true Default probable cause: T_FEES_MS_15MIN (1289)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when Indicates a FEES-MS Threshold Crossing detection is detected.		
Remedial action: The alarm is raised when the related TCA threshold is crossed.Check min/max range of valid values for this TCA in order to clear the alarm.		

Table 3-610 TFeEsMs1Day

Alarm	Attributes	Applicable major releases
Name: TFeEsMs1Day (3461) Type: qualityOfServiceAlarm (82) Package: equipment Raised on class: equipment.PhysicalPort	Severity: variable Implicitly cleared: true Default probable cause: T_FEES_MS_1DAY (1290)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when Indicates a FEES-MS Threshold Crossing detection is detected.		
Remedial action: The alarm is raised when the related TCA threshold is crossed.Check min/max range of valid values for this TCA in order to clear the alarm.		

Table 3-611 TFeEsOdu15Min

Alarm	Attributes	Applicable major releases
Name: TFeEsOdu15Min (3462) Type: qualityOfServiceAlarm (82) Package: equipment Raised on class: equipment.PhysicalPort	Severity: variable Implicitly cleared: true Default probable cause: T_FEES_ODU_15MIN (1291)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when Indicates a FarEnd ES-ODU Threshold Crossing detection is detected.		
Remedial action: The alarm is raised when the related TCA threshold is crossed.Check min/max range of valid values for this TCA in order to clear the alarm.		

Table 3-612 TFeEsOdu1Day

Alarm	Attributes	Applicable major releases
Name: TFeEsOdu1Day (3463) Type: qualityOfServiceAlarm (82) Package: equipment Raised on class: equipment.PhysicalPort	Severity: variable Implicitly cleared: true Default probable cause: T_FEES_ODU_1DAY (1292)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when Indicates a FarEnd ES-ODU Threshold Crossing detection is detected.		
Remedial action: The alarm is raised when the related TCA threshold is crossed.Check min/max range of valid values for this TCA in order to clear the alarm.		

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Table 3-613 TFeEsOtu15Min

Alarm	Attributes	Applicable major releases
Name: TFeEsOtu15Min (3464) Type: qualityOfServiceAlarm (82) Package: equipment Raised on class: equipment.PhysicalPort	Severity: variable Implicitly cleared: true Default probable cause: T_FEES_OTU_15MIN (1293)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when Indicates a FarEnd ES-OTU Threshold Crossing detection is detected.		
Remedial action: The alarm is raised when the related TCA threshold is crossed.Check min/max range of valid values for this TCA in order to clear the alarm.		

Table 3-614 TFeEsOtu1Day

Alarm	Attributes	Applicable major releases
Name: TFeEsOtu1Day (3465) Type: qualityOfServiceAlarm (82) Package: equipment Raised on class: equipment.PhysicalPort	Severity: variable Implicitly cleared: true Default probable cause: T_FEES_OTU_1DAY (1294)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when Indicates a FarEnd ES-OTU Threshold Crossing detection is detected.		
Remedial action: The alarm is raised when the related TCA threshold is crossed.Check min/max range of valid values for this TCA in order to clear the alarm.		

Table 3-615 TFeEsTcm15Min

Alarm	Attributes	Applicable major releases
Name: TFeEsTcm15Min (4579) Type: qualityOfServiceAlarm (82) Package: equipment Raised on class: equipment.PhysicalPort	Severity: variable Implicitly cleared: true Default probable cause: T_FEES_TCM_15MIN (1781)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when Indicates a ES-ODU-TCM FarEnd Threshold Crossing detection is detected.		
Remedial action: Please refer 1830 PSS Troubleshooting guide for detailed steps for corrective action.		

Table 3-616 TFeEsTcm1Day

Alarm	Attributes	Applicable major releases
Name: TFeEsTcm1Day (4580) Type: qualityOfServiceAlarm (82) Package: equipment Raised on class: equipment.PhysicalPort	Severity: variable Implicitly cleared: true Default probable cause: T_FEES_TCM_1DAY (1782)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when Indicates a ES-ODU-TCM FarEnd Threshold Crossing detection is detected.		
Remedial action: Please refer 1830 PSS Troubleshooting guide for detailed steps for corrective action.		

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Table 3-617 TFeSesMs15Min

Alarm	Attributes	Applicable major releases
Name: TFeSesMs15Min (3466) Type: qualityOfServiceAlarm (82) Package: equipment Raised on class: equipment.PhysicalPort	Severity: variable Implicitly cleared: true Default probable cause: T_FESES_MS_15MIN (1295)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when Indicates a FESES-MS Threshold Crossing detection is detected.		
Remedial action: The alarm is raised when the related TCA threshold is crossed.Check min/max range of valid values for this TCA in order to clear the alarm.		

Table 3-618 TFeSesMs1Day

Alarm	Attributes	Applicable major releases
Name: TFeSesMs1Day (3467) Type: qualityOfServiceAlarm (82) Package: equipment Raised on class: equipment.PhysicalPort	Severity: variable Implicitly cleared: true Default probable cause: T_FESES_MS_1DAY (1296)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when Indicates a FESES-MS Threshold Crossing detection is detected.		
Remedial action: The alarm is raised when the related TCA threshold is crossed.Check min/max range of valid values for this TCA in order to clear the alarm.		

Table 3-619 TFeSesOdu15Min

Alarm	Attributes	Applicable major releases
Name: TFeSesOdu15Min (3468) Type: qualityOfServiceAlarm (82) Package: equipment Raised on class: equipment.PhysicalPort	Severity: variable Implicitly cleared: true Default probable cause: T_FESES_ODU_15MIN (1297)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when Indicates a FarEnd SES-ODU Threshold Crossing detection is detected.		
Remedial action: The alarm is raised when the related TCA threshold is crossed.Check min/max range of valid values for this TCA in order to clear the alarm.		

Table 3-620 TFeSesOdu1Day

Alarm	Attributes	Applicable major releases
Name: TFeSesOdu1Day (3469) Type: qualityOfServiceAlarm (82) Package: equipment Raised on class: equipment.PhysicalPort	Severity: variable Implicitly cleared: true Default probable cause: T_FESES_ODU_1DAY (1298)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when Indicates a FarEnd SES-ODU Threshold Crossing detection is detected.		
Remedial action: The alarm is raised when the related TCA threshold is crossed.Check min/max range of valid values for this TCA in order to clear the alarm.		

Table 3-621 TFeSesOtu15Min

Alarm	Attributes	Applicable major releases
Name: TFeSesOtu15Min (3470) Type: qualityOfServiceAlarm (82) Package: equipment Raised on class: equipment.PhysicalPort	Severity: variable Implicitly cleared: true Default probable cause: T_FESES_OTU_15MIN (1299)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when Indicates a FarEnd SES-OTU Threshold Crossing detection is detected.		
Remedial action: The alarm is raised when the related TCA threshold is crossed.Check min/max range of valid values for this TCA in order to clear the alarm.		

Table 3-622 TFeSesOtu1Day

Alarm	Attributes	Applicable major releases
Name: TFeSesOtu1Day (3471) Type: qualityOfServiceAlarm (82) Package: equipment Raised on class: equipment.PhysicalPort	Severity: variable Implicitly cleared: true Default probable cause: T_FESES_OTU_1DAY (1300)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when Indicates a FarEnd SES-OTU Threshold Crossing detection is detected.		
Remedial action: The alarm is raised when the related TCA threshold is crossed.Check min/max range of valid values for this TCA in order to clear the alarm.		

Table 3-623 TFeSesTcm15Min

Alarm	Attributes	Applicable major releases
Name: TFeSesTcm15Min (4581) Type: qualityOfServiceAlarm (82) Package: equipment Raised on class: equipment.PhysicalPort	Severity: variable Implicitly cleared: true Default probable cause: T_FESES_TCM_15MIN (1783)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when Indicates a SES-ODU-TCM FarEnd Threshold Crossing detection is detected.		
Remedial action: Please refer 1830 PSS Troubleshooting guide for detailed steps for corrective action.		

Table 3-624 TFeSesTcm1Day

Alarm	Attributes	Applicable major releases
Name: TFeSesTcm1Day (4582) Type: qualityOfServiceAlarm (82) Package: equipment Raised on class: equipment.PhysicalPort	Severity: variable Implicitly cleared: true Default probable cause: T_FESES_TCM_1DAY (1784)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when Indicates a SES-ODU-TCM FarEnd Threshold Crossing detection is detected.		
Remedial action: Please refer 1830 PSS Troubleshooting guide for detailed steps for corrective action.		

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Table 3-625 TFeUasMs15Min

Alarm	Attributes	Applicable major releases
Name: TFeUasMs15Min (3472) Type: qualityOfServiceAlarm (82) Package: equipment Raised on class: equipment.PhysicalPort	Severity: variable Implicitly cleared: true Default probable cause: T_FEUAS_MS_15MIN (1301)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when Indicates a FEUAS-MS Threshold Crossing detection is detected.		
Remedial action: The alarm is raised when the related TCA threshold is crossed.Check min/max range of valid values for this TCA in order to clear the alarm.		

Table 3-626 TFeUasMs1Day

Alarm	Attributes	Applicable major releases
Name: TFeUasMs1Day (3473) Type: qualityOfServiceAlarm (82) Package: equipment Raised on class: equipment.PhysicalPort	Severity: variable Implicitly cleared: true Default probable cause: T_FEUAS_MS_1DAY (1302)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when Indicates a FEUAS-MS Threshold Crossing detection is detected.		
Remedial action: The alarm is raised when the related TCA threshold is crossed.Check min/max range of valid values for this TCA in order to clear the alarm.		

Table 3-627 TFeUasOdu15Min

Alarm	Attributes	Applicable major releases
Name: TFeUasOdu15Min (3474) Type: qualityOfServiceAlarm (82) Package: equipment Raised on class: equipment.PhysicalPort	Severity: variable Implicitly cleared: true Default probable cause: T_FEUAS_ODU_15MIN (1303)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when Indicates a FarEnd UAS-ODU Threshold Crossing detection is detected.		
Remedial action: The alarm is raised when the related TCA threshold is crossed.Check min/max range of valid values for this TCA in order to clear the alarm.		

Table 3-628 TFeUasOdu1Day

Alarm	Attributes	Applicable major releases
Name: TFeUasOdu1Day (3475) Type: qualityOfServiceAlarm (82) Package: equipment Raised on class: equipment.PhysicalPort	Severity: variable Implicitly cleared: true Default probable cause: T_FEUAS_ODU_1DAY (1304)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when Indicates a FarEnd UAS-ODU Threshold Crossing detection is detected.		
Remedial action: The alarm is raised when the related TCA threshold is crossed.Check min/max range of valid values for this TCA in order to clear the alarm.		

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Table 3-629 TFeUasOtu15Min

Alarm	Attributes	Applicable major releases
Name: TFeUasOtu15Min (3476) Type: qualityOfServiceAlarm (82) Package: equipment Raised on class: equipment.PhysicalPort	Severity: variable Implicitly cleared: true Default probable cause: T_FEUAS_OTU_15MIN (1305)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when Indicates a FarEnd UAS-OTU Threshold Crossing detection is detected.		
Remedial action: The alarm is raised when the related TCA threshold is crossed.Check min/max range of valid values for this TCA in order to clear the alarm.		

Table 3-630 TFeUasOtu1Day

Alarm	Attributes	Applicable major releases
Name: TFeUasOtu1Day (3477) Type: qualityOfServiceAlarm (82) Package: equipment Raised on class: equipment.PhysicalPort	Severity: variable Implicitly cleared: true Default probable cause: T_FEUAS_OTU_1DAY (1306)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when Indicates a FarEnd UAS-OTU Threshold Crossing detection is detected.		
Remedial action: The alarm is raised when the related TCA threshold is crossed.Check min/max range of valid values for this TCA in order to clear the alarm.		

Table 3-631 TFeUasTcm15Min

Alarm	Attributes	Applicable major releases
Name: TFeUasTcm15Min (4583) Type: qualityOfServiceAlarm (82) Package: equipment Raised on class: equipment.PhysicalPort	Severity: variable Implicitly cleared: true Default probable cause: T_FEUAS_TCM_15MIN (1785)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when Indicates an UAS-ODU-TCM FarEnd Threshold Crossing detection is detected.		
Remedial action: Please refer 1830 PSS Troubleshooting guide for detailed steps for corrective action.		

Table 3-632 TFeUasTcm1Day

Alarm	Attributes	Applicable major releases
Name: TFeUasTcm1Day (4584) Type: qualityOfServiceAlarm (82) Package: equipment Raised on class: equipment.PhysicalPort	Severity: variable Implicitly cleared: true Default probable cause: T_FEUAS_TCM_1DAY (1786)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when Indicates an UAS-ODU-TCM FarEnd Threshold Crossing detection is detected.		
Remedial action: Please refer 1830 PSS Troubleshooting guide for detailed steps for corrective action.		

Table 3-633 ThresholdCrossingAlarmCfmTwoWayDelayTest

Alarm	Attributes	Applicable major releases
Name: ThresholdCrossingAlarmCfmTwoWayDelayTest (4943) Type: thresholdCrossed (6) Package: ethernetToam Raised on class: ethernetToam.CfmTwoWayDelayTest	Severity: warning Implicitly cleared: false Default probable cause: thresholdCrossed (12)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when a Test attribute crosses a TCA threshold on this object.		
Remedial action: A condition set when a counter exceeds a user-selected high or low threshold. A TCA does not generate an alarm but is available on demand through the CIT. Please refer 1830 PSS Troubleshooting guide for more details.		

Table 3-634 ThresholdCrossingAlarmCfmTwoWaySlm

Alarm	Attributes	Applicable major releases
Name: ThresholdCrossingAlarmCfmTwoWaySlm (4944) Type: thresholdCrossed (6) Package: ethernetToam Raised on class: ethernetToam.CfmTwoWaySlm	Severity: warning Implicitly cleared: false Default probable cause: thresholdCrossed (12)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when a test attribute crosses a TCA threshold on this object.		
Remedial action: A condition set when a counter exceeds a user-selected high or low threshold. A TCA does not generate an alarm but is available on demand through the CIT. Please refer 1830 PSS Troubleshooting guide for more details.		

Table 3-635 ThresholdCrossingAlarmSAP

Alarm	Attributes	Applicable major releases
Name: ThresholdCrossingAlarmSAP (4970) Type: thresholdCrossed (6) Package: vpls Raised on class: vpls.L2AccessInterface	Severity: warning Implicitly cleared: false Default probable cause: thresholdCrossed (12)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when a SAP attribute crosses a TCA threshold.		
Remedial action: A condition set when a counter exceeds a user-selected high or low threshold. A TCA does not generate an alarm but is available on demand through the CIT. Please refer 1830 PSS TroubleShooting guide for more details.		

Table 3-636 TIAESOtU15Min

Alarm	Attributes	Applicable major releases
Name: TIAESOtU15Min (3482) Type: qualityOfServiceAlarm (82) Package: equipment Raised on class: equipment.PhysicalPort	Severity: variable Implicitly cleared: true Default probable cause: T_IAES_OTU_15MIN (1311)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when Indicates a IAES-OTU Threshold Crossing detection is detected.		
Remedial action: The alarm is raised when the related TCA threshold is crossed. Check min/max range of valid values for this TCA in order to clear the alarm.		

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Table 3-637 TIAESOtU1Day

Alarm	Attributes	Applicable major releases
Name: TIAESOtU1Day (3483) Type: qualityOfServiceAlarm (82) Package: equipment Raised on class: equipment.PhysicalPort	Severity: variable Implicitly cleared: true Default probable cause: T_IAES_OTU_1DAY (1312)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when Indicates a IAES-OTU Threshold Crossing detection is detected.		
Remedial action: The alarm is raised when the related TCA threshold is crossed. Check min/max range of valid values for this TCA in order to clear the alarm.		

Table 3-638 TIAESTcm15Min

Alarm	Attributes	Applicable major releases
Name: TIAESTcm15Min (4585) Type: qualityOfServiceAlarm (82) Package: equipment Raised on class: equipment.PhysicalPort	Severity: variable Implicitly cleared: true Default probable cause: T_IAES_TCM_15MIN (1787)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when Indicates a IAES-ODU-TCM NearEnd Threshold Crossing detection is detected.		
Remedial action: Please refer 1830 PSS Troubleshooting guide for detailed steps for corrective action.		

Table 3-639 TIAESTcm1Day

Alarm	Attributes	Applicable major releases
Name: TIAESTcm1Day (4586) Type: qualityOfServiceAlarm (82) Package: equipment Raised on class: equipment.PhysicalPort	Severity: variable Implicitly cleared: true Default probable cause: T_IAES_TCM_1DAY (1788)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when Indicates a IAES-ODU-TCM NearEnd Threshold Crossing detection is detected.		
Remedial action: Please refer 1830 PSS Troubleshooting guide for detailed steps for corrective action.		

Table 3-640 TimOduOut

Alarm	Attributes	Applicable major releases
Name: TimOduOut (4597) Type: communicationsAlarm (4) Package: equipment Raised on class: equipment.PhysicalPort	Severity: variable Implicitly cleared: true Default probable cause: TimOduOut (1799)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when Outgoing Trail Identifier Mismatch - ODU is detected.		
Remedial action: Please refer 1830 PSS Troubleshooting guide for detailed steps for corrective action.		

Table 3-641 TmnxEqPortEtherLoopDetected

Alarm	Attributes	Applicable major releases
Name: TmnxEqPortEtherLoopDetected (461) Type: portEtherLoopDetected (48) Package: ethernetequipment Raised on class: ethernetequipment.EthernetPortSpecifics	Severity: major Implicitly cleared: true Default probable cause: HighBer (238)	<ul style="list-style-type: none"> • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when a device detects a physical loop on an Ethernet port.		
Raising condition: (('Down When Looped Status' EQUAL 'Loop Detected'))		

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Alarm	Attributes	Applicable major releases
Clearing condition: (('Down When Looped Status' EQUAL 'No Loop Detected'))		
Remedial action: An Ethernet port has been mis-cabled - please remove the loopback cable on the port.		

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Table 3-642 ToDDEG

Alarm	Attributes	Applicable major releases
Name: ToDDEG (3973) Type: communicationsAlarm (4) Package: ptp Raised on class: ptp.PTPTOD	Severity: variable Implicitly cleared: true Default probable cause: ToDDEG (1550)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when ToD degrade is detected.		
Remedial action: Please refer 1830 PSS Troubleshooting guide for detailed steps for corrective action.		

Table 3-643 ToDLOS

Alarm	Attributes	Applicable major releases
Name: ToDLOS (3974) Type: communicationsAlarm (4) Package: ptp Raised on class: ptp.PTPTOD	Severity: variable Implicitly cleared: true Default probable cause: ToDLOS (1551)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when Loss of Signal is detected.		
Remedial action: Please refer 1830 PSS Troubleshooting guide for detailed steps for corrective action.		

Table 3-644 TODRefUnstable

Alarm	Attributes	Applicable major releases
Name: TODRefUnstable (4957) Type: communicationsAlarm (4) Package: ptp Raised on class: ptp.PTPTOD	Severity: variable Implicitly cleared: true Default probable cause: TODRefUnstable (2012)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when the current time reference is unstable.		
Remedial action: Please refer 1830 PSS Troubleshooting guide for detailed steps for corrective action.		

Table 3-645 TopologyInvalid

Alarm	Attributes	Applicable major releases
Name: TopologyInvalid (4874) Type: equipmentAlarm (3) Package: netw Raised on class: netw.NetworkElement	Severity: variable Implicitly cleared: true Default probable cause: PrcdrErrTopo (1938)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when Invalid topology is detected.		
Remedial action: 1. Examine the cross-connects on the NE, and look for cross-connects that do not conform to the rules. These cross-connects are considered invalid. 2. Delete the invalid connections. Any service that is running over an invalid cross-connect that is deleted is interrupted. 3. Recreate valid cross-connects for the interrupted services.		

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Table 3-646 TOprh15Min

Alarm	Attributes	Applicable major releases
Name: TOprh15Min (3484) Type: qualityOfServiceAlarm (82) Package: equipment Raised on class: equipment.PhysicalPort	Severity: variable Implicitly cleared: true Default probable cause: T_OPRH_15MIN (1313)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when Indicates a OPRH tidemark Threshold Crossing detection is detected.		
Remedial action: The alarm is raised when the related TCA threshold is crossed.Check min/max range of valid values for this TCA in order to clear the alarm.		

Table 3-647 TOprh1Day

Alarm	Attributes	Applicable major releases
Name: TOprh1Day (3485) Type: qualityOfServiceAlarm (82) Package: equipment Raised on class: equipment.PhysicalPort	Severity: variable Implicitly cleared: true Default probable cause: T_OPRH_1DAY (1314)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when Indicates a OPRH tidemark Threshold Crossing detection is detected.		
Remedial action: The alarm is raised when the related TCA threshold is crossed.Check min/max range of valid values for this TCA in order to clear the alarm.		

Table 3-648 TOprhLane1

Alarm	Attributes	Applicable major releases
Name: TOprhLane1 (5451) Type: communicationsAlarm (4) Package: equipment Raised on class: equipment.PhysicalPort	Severity: variable Implicitly cleared: true Default probable cause: T_OPRH_LANE_1 (2161) Applicable probable causes: <ul style="list-style-type: none"> • T_OPRH_LANE_1 • T_OPRH_LANE_2 • T_OPRH_LANE_3 • T_OPRH_LANE_4 • T_OPRH_LANE_5 • T_OPRH_LANE_6 • T_OPRH_LANE_7 • T_OPRH_LANE_8 • T_OPRH_LANE_9 • T_OPRH_LANE_10 	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when Indicates a Network Lane1 (RX) High Threshold Crossing detection .		
Remedial action: Please refer 1830 PSS Troubleshooting guide for detailed steps for corrective action.		

Table 3-649 TOprl15Min

Alarm	Attributes	Applicable major releases
Name: TOprl15Min (3486) Type: qualityOfServiceAlarm (82) Package: equipment Raised on class: equipment.PhysicalPort	Severity: variable Implicitly cleared: true Default probable cause: T_OPRL_15MIN (1315)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when Indicates a OPRL tidemark Threshold Crossing detection is detected.		
Remedial action: The alarm is raised when the related TCA threshold is crossed.Check min/max range of valid values for this TCA in order to clear the alarm.		

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Table 3-650 TOprl1Day

Alarm	Attributes	Applicable major releases
Name: TOprl1Day (3487) Type: qualityOfServiceAlarm (82) Package: equipment Raised on class: equipment.PhysicalPort	Severity: variable Implicitly cleared: true Default probable cause: T_OPRL_1DAY (1316)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when Indicates a OPRL tidemark Threshold Crossing detection is detected.		
Remedial action: The alarm is raised when the related TCA threshold is crossed. Check min/max range of valid values for this TCA in order to clear the alarm.		

Table 3-651 TOprlLane1

Alarm	Attributes	Applicable major releases
Name: TOprlLane1 (5452) Type: communicationsAlarm (4) Package: equipment Raised on class: equipment.PhysicalPort	Severity: variable Implicitly cleared: true Default probable cause: T_OPRL_LANE_1 (2171) Applicable probable causes: <ul style="list-style-type: none"> • T_OPRL_LANE_1 • T_OPRL_LANE_2 • T_OPRL_LANE_3 • T_OPRL_LANE_4 • T_OPRL_LANE_5 • T_OPRL_LANE_6 • T_OPRL_LANE_7 • T_OPRL_LANE_8 • T_OPRL_LANE_9 • T_OPRL_LANE_10 	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when Indicates a Network Lane1 (RX) Low Threshold Crossing detection .		
Remedial action: Please refer 1830 PSS Troubleshooting guide for detailed steps for corrective action.		

Table 3-652 TOpth15Min

Alarm	Attributes	Applicable major releases
Name: TOpth15Min (3488) Type: qualityOfServiceAlarm (82) Package: equipment Raised on class: equipment.PhysicalPort	Severity: variable Implicitly cleared: true Default probable cause: T_OPTH_15MIN (1317)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when Indicates a OPTH tidemark Threshold Crossing detection is detected.		
Remedial action: The alarm is raised when the related TCA threshold is crossed.Check min/max range of valid values for this TCA in order to clear the alarm.		

Table 3-653 TOpth1Day

Alarm	Attributes	Applicable major releases
Name: TOpth1Day (3489) Type: qualityOfServiceAlarm (82) Package: equipment Raised on class: equipment.PhysicalPort	Severity: variable Implicitly cleared: true Default probable cause: T_OPTH_1DAY (1318)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when Indicates a OPTH tidemark Threshold Crossing detection is detected.		
Remedial action: The alarm is raised when the related TCA threshold is crossed.Check min/max range of valid values for this TCA in order to clear the alarm.		

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Table 3-654 TOptLane1

Alarm	Attributes	Applicable major releases
Name: TOptLane1 (5453) Type: communicationsAlarm (4) Package: equipment Raised on class: equipment.PhysicalPort	Severity: variable Implicitly cleared: true Default probable cause: T_OPTH_LANE_1 (2181) Applicable probable causes: <ul style="list-style-type: none"> • T_OPTH_LANE_1 • T_OPTH_LANE_2 • T_OPTH_LANE_3 • T_OPTH_LANE_4 • T_OPTH_LANE_5 • T_OPTH_LANE_6 • T_OPTH_LANE_7 • T_OPTH_LANE_8 • T_OPTH_LANE_9 • T_OPTH_LANE_10 	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when Indicates a Network Lane1 (TX) High Threshold Crossing detection .		
Remedial action: Please refer 1830 PSS Troubleshooting guide for detailed steps for corrective action.		

Table 3-655 TOptl15Min

Alarm	Attributes	Applicable major releases
Name: TOptl15Min (3490) Type: qualityOfServiceAlarm (82) Package: equipment Raised on class: equipment.PhysicalPort	Severity: variable Implicitly cleared: true Default probable cause: T_OPTL_15MIN (1319)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when Indicates a OPTL tidemark Threshold Crossing detection is detected.		
Remedial action: The alarm is raised when the related TCA threshold is crossed.Check min/max range of valid values for this TCA in order to clear the alarm.		

Table 3-656 TOptl1Day

Alarm	Attributes	Applicable major releases
Name: TOptl1Day (3491) Type: qualityOfServiceAlarm (82) Package: equipment Raised on class: equipment.PhysicalPort	Severity: variable Implicitly cleared: true Default probable cause: T_OPTL_1DAY (1320)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when Indicates a OPTL tidemark Threshold Crossing detection is detected.		
Remedial action: The alarm is raised when the related TCA threshold is crossed. Check min/max range of valid values for this TCA in order to clear the alarm.		

Table 3-657 TOptlLane1

Alarm	Attributes	Applicable major releases
Name: TOptlLane1 (5454) Type: communicationsAlarm (4) Package: equipment Raised on class: equipment.PhysicalPort	Severity: variable Implicitly cleared: true Default probable cause: T_OPTL_LANE_1 (2191) Applicable probable causes: <ul style="list-style-type: none"> • T_OPTL_LANE_1 • T_OPTL_LANE_2 • T_OPTL_LANE_3 • T_OPTL_LANE_4 • T_OPTL_LANE_5 • T_OPTL_LANE_6 • T_OPTL_LANE_7 • T_OPTL_LANE_8 • T_OPTL_LANE_9 • T_OPTL_LANE_10 	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when Indicates a Network Lane1 (TX) Low Threshold Crossing detection .		
Remedial action: Please refer 1830 PSS Troubleshooting guide for detailed steps for corrective action.		

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Table 3-658 TPmonDmaBfd15Min

Alarm	Attributes	Applicable major releases
Name: TPmonDmaBfd15Min (5511) Type: qualityOfServiceAlarm (82) Package: ethernetToam Raised on class: ethernetToam.CfmTwoWayDelayTest	Severity: variable Implicitly cleared: true Default probable cause: T_PMON_DMABFD_15MIN (2242)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when a Threshold Crossing Alert has been detected for the DM test aBfd PMON parameter for the 15Min interval.		
Remedial action: The alarm is raised when the related TCA threshold is crossed. Check min/max range of valid values for this TCA in order to clear the alarm.		

Table 3-659 TPmonDmaBfd1Day

Alarm	Attributes	Applicable major releases
Name: TPmonDmaBfd1Day (5512) Type: qualityOfServiceAlarm (82) Package: ethernetToam Raised on class: ethernetToam.CfmTwoWayDelayTest	Severity: variable Implicitly cleared: true Default probable cause: T_PMON_DMABFD_1DAY (2243)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when a Threshold Crossing Alert has been detected for the DM test aBfd PMON parameter for the 1Day interval.		
Remedial action: The alarm is raised when the related TCA threshold is crossed. Check min/max range of valid values for this TCA in order to clear the alarm.		

Table 3-660 TPmonDmaffd15Min

Alarm	Attributes	Applicable major releases
Name: TPmonDmaffd15Min (5515) Type: qualityOfServiceAlarm (82) Package: ethernetToam Raised on class: ethernetToam.CfmTwoWayDelayTest	Severity: variable Implicitly cleared: true Default probable cause: T_PMON_DMAFFD_15MIN (2246)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when a Threshold Crossing Alert has been detected for the DM test affd PMON parameter for the 15Min interval.		
Remedial action: The alarm is raised when the related TCA threshold is crossed. Check min/max range of valid values for this TCA in order to clear the alarm.		

Table 3-661 TPmonDmaffd1Day

Alarm	Attributes	Applicable major releases
Name: TPmonDmaffd1Day (5516) Type: qualityOfServiceAlarm (82) Package: ethernetToam Raised on class: ethernetToam.CfmTwoWayDelayTest	Severity: variable Implicitly cleared: true Default probable cause: T_PMON_DMAFFD_1DAY (2247)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when a Threshold Crossing Alert has been detected for the DM test affd PMON parameter for the 1Day interval.		
Remedial action: The alarm is raised when the related TCA threshold is crossed. Check min/max range of valid values for this TCA in order to clear the alarm.		

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Table 3-662 TPmonDmafFdv15Min

Alarm	Attributes	Applicable major releases
Name: TPmonDmafFdv15Min (5513) Type: qualityOfServiceAlarm (82) Package: ethernetToam Raised on class: ethernetToam.CfmTwoWayDelayTest	Severity: variable Implicitly cleared: true Default probable cause: T_PMON_DMAFFDV_15MIN (2244)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when a Threshold Crossing Alert has been detected for the DM test affDv PMON parameter for the 15Min interval.		
Remedial action: The alarm is raised when the related TCA threshold is crossed. Check min/max range of valid values for this TCA in order to clear the alarm.		

Table 3-663 TPmonDmafFdv1Day

Alarm	Attributes	Applicable major releases
Name: TPmonDmafFdv1Day (5514) Type: qualityOfServiceAlarm (82) Package: ethernetToam Raised on class: ethernetToam.CfmTwoWayDelayTest	Severity: variable Implicitly cleared: true Default probable cause: T_PMON_DMAFFDV_1DAY (2245)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when a Threshold Crossing Alert has been detected for the DM test affDv PMON parameter for the 1Day interval.		
Remedial action: The alarm is raised when the related TCA threshold is crossed. Check min/max range of valid values for this TCA in order to clear the alarm.		

Table 3-664 TPmonDmanfd15Min

Alarm	Attributes	Applicable major releases
Name: TPmonDmanfd15Min (5519) Type: qualityOfServiceAlarm (82) Package: ethernetToam Raised on class: ethernetToam.CfmTwoWayDelayTest	Severity: variable Implicitly cleared: true Default probable cause: T_PMON_DMANFD_15MIN (2250)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when a Threshold Crossing Alert has been detected for the DM test and PMON parameter for the 15Min interval.		
Remedial action: The alarm is raised when the related TCA threshold is crossed. Check min/max range of valid values for this TCA in order to clear the alarm.		

Table 3-665 TPmonDmanfd1Day

Alarm	Attributes	Applicable major releases
Name: TPmonDmanfd1Day (5520) Type: qualityOfServiceAlarm (82) Package: ethernetToam Raised on class: ethernetToam.CfmTwoWayDelayTest	Severity: variable Implicitly cleared: true Default probable cause: T_PMON_DMANFD_1DAY (2251)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when a Threshold Crossing Alert has been detected for the DM test and PMON parameter for the 1Day interval.		
Remedial action: The alarm is raised when the related TCA threshold is crossed. Check min/max range of valid values for this TCA in order to clear the alarm.		

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Table 3-666 TPmonDmanFdv15Min

Alarm	Attributes	Applicable major releases
Name: TPmonDmanFdv15Min (5517) Type: qualityOfServiceAlarm (82) Package: ethernetToam Raised on class: ethernetToam.CfmTwoWayDelayTest	Severity: variable Implicitly cleared: true Default probable cause: T_PMON_DMANFDV_15MIN (2248)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when a Threshold Crossing Alert has been detected for the DM test anFdv PMON parameter for the 15Min interval.		
Remedial action: The alarm is raised when the related TCA threshold is crossed. Check min/max range of valid values for this TCA in order to clear the alarm.		

Table 3-667 TPmonDmanFdv1Day

Alarm	Attributes	Applicable major releases
Name: TPmonDmanFdv1Day (5518) Type: qualityOfServiceAlarm (82) Package: ethernetToam Raised on class: ethernetToam.CfmTwoWayDelayTest	Severity: variable Implicitly cleared: true Default probable cause: T_PMON_DMANFDV_1DAY (2249)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when a Threshold Crossing Alert has been detected for the DM test anFdv PMON parameter for the 1Day interval.		
Remedial action: The alarm is raised when the related TCA threshold is crossed. Check min/max range of valid values for this TCA in order to clear the alarm.		

Table 3-668 TPmonDmxBfd15Min

Alarm	Attributes	Applicable major releases
Name: TPmonDmxBfd15Min (5521) Type: qualityOfServiceAlarm (82) Package: ethernetToam Raised on class: ethernetToam.CfmTwoWayDelayTest	Severity: variable Implicitly cleared: true Default probable cause: T_PMON_DMxBFD_15MIN (2252)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when a Threshold Crossing Alert has been detected for the DM test xBfd PMON parameter for the 15Min interval.		
Remedial action: The alarm is raised when the related TCA threshold is crossed. Check min/max range of valid values for this TCA in order to clear the alarm.		

Table 3-669 TPmonDmxBfd1Day

Alarm	Attributes	Applicable major releases
Name: TPmonDmxBfd1Day (5522) Type: qualityOfServiceAlarm (82) Package: ethernetToam Raised on class: ethernetToam.CfmTwoWayDelayTest	Severity: variable Implicitly cleared: true Default probable cause: T_PMON_DMxBFD_1DAY (2253)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when a Threshold Crossing Alert has been detected for the DM test xBfd PMON parameter for the 1Day interval.		
Remedial action: The alarm is raised when the related TCA threshold is crossed. Check min/max range of valid values for this TCA in order to clear the alarm.		

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Table 3-670 TPmonDmxffd15Min

Alarm	Attributes	Applicable major releases
Name: TPmonDmxffd15Min (5525) Type: qualityOfServiceAlarm (82) Package: ethernetToam Raised on class: ethernetToam.CfmTwoWayDelayTest	Severity: variable Implicitly cleared: true Default probable cause: T_PMON_DMXXFFD_15MIN (2256)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when a Threshold Crossing Alert has been detected for the DM test xffd PMON parameter for the 15Min interval.		
Remedial action: The alarm is raised when the related TCA threshold is crossed. Check min/max range of valid values for this TCA in order to clear the alarm.		

Table 3-671 TPmonDmxffd1Day

Alarm	Attributes	Applicable major releases
Name: TPmonDmxffd1Day (5526) Type: qualityOfServiceAlarm (82) Package: ethernetToam Raised on class: ethernetToam.CfmTwoWayDelayTest	Severity: variable Implicitly cleared: true Default probable cause: T_PMON_DMXXFFD_1DAY (2257)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when a Threshold Crossing Alert has been detected for the DM test xffd PMON parameter for the 1Day interval.		
Remedial action: The alarm is raised when the related TCA threshold is crossed. Check min/max range of valid values for this TCA in order to clear the alarm.		

Table 3-672 TPmonDmxFdv15Min

Alarm	Attributes	Applicable major releases
Name: TPmonDmxFdv15Min (5523) Type: qualityOfServiceAlarm (82) Package: ethernetToam Raised on class: ethernetToam.CfmTwoWayDelayTest	Severity: variable Implicitly cleared: true Default probable cause: T_PMON_DMXXFDV_15MIN (2254)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when a Threshold Crossing Alert has been detected for the DM test xFdv PMON parameter for the 15Min interval.		
Remedial action: The alarm is raised when the related TCA threshold is crossed. Check min/max range of valid values for this TCA in order to clear the alarm.		

Table 3-673 TPmonDmxFdv1Day

Alarm	Attributes	Applicable major releases
Name: TPmonDmxFdv1Day (5524) Type: qualityOfServiceAlarm (82) Package: ethernetToam Raised on class: ethernetToam.CfmTwoWayDelayTest	Severity: variable Implicitly cleared: true Default probable cause: T_PMON_DMXXFDV_1DAY (2255)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when a Threshold Crossing Alert has been detected for the DM test xFdv PMON parameter for the 1Day interval.		
Remedial action: The alarm is raised when the related TCA threshold is crossed. Check min/max range of valid values for this TCA in order to clear the alarm.		

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Table 3-674 TPmonDmxnfd15Min

Alarm	Attributes	Applicable major releases
Name: TPmonDmxnfd15Min (5529) Type: qualityOfServiceAlarm (82) Package: ethernetToam Raised on class: ethernetToam.CfmTwoWayDelayTest	Severity: variable Implicitly cleared: true Default probable cause: T_PMON_DMXPFD_15MIN (2260)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when a Threshold Crossing Alert has been detected for the DM test xnfD PMON parameter for the 15Min interval.		
Remedial action: The alarm is raised when the related TCA threshold is crossed. Check min/max range of valid values for this TCA in order to clear the alarm.		

Table 3-675 TPmonDmxnfd1Day

Alarm	Attributes	Applicable major releases
Name: TPmonDmxnfd1Day (5530) Type: qualityOfServiceAlarm (82) Package: ethernetToam Raised on class: ethernetToam.CfmTwoWayDelayTest	Severity: variable Implicitly cleared: true Default probable cause: T_PMON_DMXPFD_1DAY (2261)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when a Threshold Crossing Alert has been detected for the DM test xnfD PMON parameter for the 1Day interval.		
Remedial action: The alarm is raised when the related TCA threshold is crossed. Check min/max range of valid values for this TCA in order to clear the alarm.		

Table 3-676 TPmonDmxnFdv15Min

Alarm	Attributes	Applicable major releases
Name: TPmonDmxnFdv15Min (5527) Type: qualityOfServiceAlarm (82) Package: ethernetToam Raised on class: ethernetToam.CfmTwoWayDelayTest	Severity: variable Implicitly cleared: true Default probable cause: T_PMON_DMxNFDV_15MIN (2258)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when a Threshold Crossing Alert has been detected for the DM test xnFdv PMON parameter for the 15Min interval.		
Remedial action: The alarm is raised when the related TCA threshold is crossed. Check min/max range of valid values for this TCA in order to clear the alarm.		

Table 3-677 TPmonDmxnFdv1Day

Alarm	Attributes	Applicable major releases
Name: TPmonDmxnFdv1Day (5528) Type: qualityOfServiceAlarm (82) Package: ethernetToam Raised on class: ethernetToam.CfmTwoWayDelayTest	Severity: variable Implicitly cleared: true Default probable cause: T_PMON_DMxNFDV_1DAY (2259)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when a Threshold Crossing Alert has been detected for the DM test xnFdv PMON parameter for the 1Day interval.		
Remedial action: The alarm is raised when the related TCA threshold is crossed. Check min/max range of valid values for this TCA in order to clear the alarm.		

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Table 3-678 TPmonLmafflr15Min

Alarm	Attributes	Applicable major releases
Name: TPmonLmafflr15Min (5531) Type: qualityOfServiceAlarm (82) Package: ethernetToam Raised on class: ethernetToam.CfmLMTTest	Severity: variable Implicitly cleared: true Default probable cause: T_PMON_LMAFFLR_15MIN (2262)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when a Threshold Crossing Alert has been detected for the LM test afFIR PMON parameter for the 15Min interval.		
Remedial action: The alarm is raised when the related TCA threshold is crossed. Check min/max range of valid values for this TCA in order to clear the alarm.		

Table 3-679 TPmonLmafflr1Day

Alarm	Attributes	Applicable major releases
Name: TPmonLmafflr1Day (5532) Type: qualityOfServiceAlarm (82) Package: ethernetToam Raised on class: ethernetToam.CfmLMTTest	Severity: variable Implicitly cleared: true Default probable cause: T_PMON_LMAFFLR_1DAY (2263)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when a Threshold Crossing Alert has been detected for the LM test afFIR PMON parameter for the 1Day interval.		
Remedial action: The alarm is raised when the related TCA threshold is crossed. Check min/max range of valid values for this TCA in order to clear the alarm.		

Table 3-680 TPmonLmanflr15Min

Alarm	Attributes	Applicable major releases
Name: TPmonLmanflr15Min (5533) Type: qualityOfServiceAlarm (82) Package: ethernetoam Raised on class: ethernetoam.CfmLMTTest	Severity: warning Implicitly cleared: true Default probable cause: T_PMON_LMANFLR_15MIN (2264)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when a Threshold Crossing Alert has been detected for the LM test anflr PMON parameter for the 15Min interval.		
Remedial action: The alarm is raised when the related TCA threshold is crossed. Check min/max range of valid values for this TCA in order to clear the alarm.		

Table 3-681 TPmonLmanflr1Day

Alarm	Attributes	Applicable major releases
Name: TPmonLmanflr1Day (5534) Type: qualityOfServiceAlarm (82) Package: ethernetoam Raised on class: ethernetoam.CfmLMTTest	Severity: variable Implicitly cleared: true Default probable cause: T_PMON_LMANFLR_1DAY (2265)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when a Threshold Crossing Alert has been detected for the LM test anflr PMON parameter for the 1Day interval.		
Remedial action: The alarm is raised when the related TCA threshold is crossed. Check min/max range of valid values for this TCA in order to clear the alarm.		

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Table 3-682 TPmonLmfhli15Min

Alarm	Attributes	Applicable major releases
Name: TPmonLmfhli15Min (5535) Type: qualityOfServiceAlarm (82) Package: ethernetoam Raised on class: ethernetoam.CfmLMTTest	Severity: variable Implicitly cleared: true Default probable cause: T_PMON_LMFHLI_15MIN (2266)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when a Threshold Crossing Alert has been detected for the LM test fhli PMON parameter for the 15Min interval.		
Remedial action: The alarm is raised when the related TCA threshold is crossed. Check min/max range of valid values for this TCA in order to clear the alarm.		

Table 3-683 TPmonLmfhli1Day

Alarm	Attributes	Applicable major releases
Name: TPmonLmfhli1Day (5536) Type: qualityOfServiceAlarm (82) Package: ethernetoam Raised on class: ethernetoam.CfmLMTTest	Severity: variable Implicitly cleared: true Default probable cause: T_PMON_LMFHLI_1DAY (2267)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when a Threshold Crossing Alert has been detected for the LM test fhli PMON parameter for the 1Day interval.		
Remedial action: The alarm is raised when the related TCA threshold is crossed. Check min/max range of valid values for this TCA in order to clear the alarm.		

Table 3-684 TPmonLmnhli15Min

Alarm	Attributes	Applicable major releases
Name: TPmonLmnhli15Min (5537) Type: qualityOfServiceAlarm (82) Package: ethernetoam Raised on class: ethernetoam.CfmLMTTest	Severity: variable Implicitly cleared: true Default probable cause: T_PMON_LMNHLI_15MIN (2268)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when a Threshold Crossing Alert has been detected for the LM test nhli PMON parameter for the 15Min interval.		
Remedial action: The alarm is raised when the related TCA threshold is crossed. Check min/max range of valid values for this TCA in order to clear the alarm.		

Table 3-685 TPmonLmnhli1Day

Alarm	Attributes	Applicable major releases
Name: TPmonLmnhli1Day (5538) Type: qualityOfServiceAlarm (82) Package: ethernetoam Raised on class: ethernetoam.CfmLMTTest	Severity: variable Implicitly cleared: true Default probable cause: T_PMON_LMNHLI_1DAY (2269)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when a Threshold Crossing Alert has been detected for the LM test nhli PMON parameter for the 1Day interval.		
Remedial action: The alarm is raised when the related TCA threshold is crossed. Check min/max range of valid values for this TCA in order to clear the alarm.		

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Table 3-686 TPmonLmxfflr15Min

Alarm	Attributes	Applicable major releases
Name: TPmonLmxfflr15Min (5539) Type: qualityOfServiceAlarm (82) Package: ethernetoam Raised on class: ethernetoam.CfmLMTTest	Severity: variable Implicitly cleared: true Default probable cause: T_PMON_LMXFFLR_15MIN (2270)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when a Threshold Crossing Alert has been detected for the LM test xFIR PMON parameter for the 15Min interval.		
Remedial action: The alarm is raised when the related TCA threshold is crossed. Check min/max range of valid values for this TCA in order to clear the alarm.		

Table 3-687 TPmonLmxfflr1Day

Alarm	Attributes	Applicable major releases
Name: TPmonLmxfflr1Day (5540) Type: qualityOfServiceAlarm (82) Package: ethernetoam Raised on class: ethernetoam.CfmLMTTest	Severity: variable Implicitly cleared: true Default probable cause: T_PMON_LMXFFLR_1DAY (2271)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when a Threshold Crossing Alert has been detected for the LM test xFIR PMON parameter for the 1Day interval.		
Remedial action: The alarm is raised when the related TCA threshold is crossed. Check min/max range of valid values for this TCA in order to clear the alarm.		

Table 3-688 TPmonLmxnflr15Min

Alarm	Attributes	Applicable major releases
Name: TPmonLmxnflr15Min (5541) Type: qualityOfServiceAlarm (82) Package: ethernetoam Raised on class: ethernetoam.CfmLMTTest	Severity: variable Implicitly cleared: true Default probable cause: T_PMON_LMXNFLR_15MIN (2272)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when a Threshold Crossing Alert has been detected for the LM test xnFlr PMON parameter for the 15Min interval.		
Remedial action: The alarm is raised when the related TCA threshold is crossed. Check min/max range of valid values for this TCA in order to clear the alarm.		

Table 3-689 TPmonLmxnflr1Day

Alarm	Attributes	Applicable major releases
Name: TPmonLmxnflr1Day (5542) Type: qualityOfServiceAlarm (82) Package: ethernetoam Raised on class: ethernetoam.CfmLMTTest	Severity: variable Implicitly cleared: true Default probable cause: T_PMON_LMXNFLR_1DAY (2273)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when a Threshold Crossing Alert has been detected for the LM test xnFlr PMON parameter for the 1Day interval.		
Remedial action: The alarm is raised when the related TCA threshold is crossed. Check min/max range of valid values for this TCA in order to clear the alarm.		

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Table 3-690 TPmonPortHighCapacityOctets15Min

Alarm	Attributes	Applicable major releases
Name: TPmonPortHighCapacityOctets15Min (5455) Type: qualityOfServiceAlarm (82) Package: equipment Raised on class: equipment.PhysicalPort	Severity: variable Implicitly cleared: true Default probable cause: T_PMON_PORTHIGHCAPACITYOCTETS_15MIN (2201)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when Indicates a Threshold Crossing Alert has been detected for the Port HighCapacityOctets PMON parameter for the 15Min interval.		
Remedial action: The alarm is raised when the related TCA threshold is crossed.Check min/max range of valid values for this TCA in order to clear the alarm.		

Table 3-691 TPmonPortHighCapacityOctets1Day

Alarm	Attributes	Applicable major releases
Name: TPmonPortHighCapacityOctets1Day (5456) Type: qualityOfServiceAlarm (82) Package: equipment Raised on class: equipment.PhysicalPort	Severity: variable Implicitly cleared: true Default probable cause: T_PMON_PORTHIGHCAPACITYOCTETS_1DAY (2202)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when Indicates a Threshold Crossing Alert has been detected for the Port HighCapacityOctets PMON parameter for the 1Day interval.		
Remedial action: The alarm is raised when the related TCA threshold is crossed.Check min/max range of valid values for this TCA in order to clear the alarm.		

Table 3-692 TPmonPortHighCapacityPkts15Min

Alarm	Attributes	Applicable major releases
Name: TPmonPortHighCapacityPkts15Min (5457) Type: qualityOfServiceAlarm (82) Package: equipment Raised on class: equipment.PhysicalPort	Severity: variable Implicitly cleared: true Default probable cause: T_PMON_PORTHIGHCAPACITYPKTS_15MIN (2203)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when Indicates a Threshold Crossing Alert has been detected for the Port HighCapacityPkts PMON parameter for the 15Min interval.		
Remedial action: The alarm is raised when the related TCA threshold is crossed.Check min/max range of valid values for this TCA in order to clear the alarm.		

Table 3-693 TPmonPortHighCapacityPkts1Day

Alarm	Attributes	Applicable major releases
Name: TPmonPortHighCapacityPkts1Day (5458) Type: qualityOfServiceAlarm (82) Package: equipment Raised on class: equipment.PhysicalPort	Severity: variable Implicitly cleared: true Default probable cause: T_PMON_PORTHIGHCAPACITYPKTS_1DAY (2204)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when Indicates a Threshold Crossing Alert has been detected for the Port HighCapacityPkts PMON parameter for the 1Day interval.		
Remedial action: The alarm is raised when the related TCA threshold is crossed.Check min/max range of valid values for this TCA in order to clear the alarm.		

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Table 3-694 TPmonPortIfInDiscards15Min

Alarm	Attributes	Applicable major releases
Name: TPmonPortIfInDiscards15Min (5459) Type: qualityOfServiceAlarm (82) Package: equipment Raised on class: equipment.PhysicalPort	Severity: variable Implicitly cleared: true Default probable cause: T_PMON_PORTIFINDISCARDS_15MIN (2205)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when Indicates a Threshold Crossing Alert has been detected for the Port IfInDiscards PMON parameter for the 15Min interval.		
Remedial action: The alarm is raised when the related TCA threshold is crossed.Check min/max range of valid values for this TCA in order to clear the alarm.		

Table 3-695 TPmonPortIfInDiscards1Day

Alarm	Attributes	Applicable major releases
Name: TPmonPortIfInDiscards1Day (5460) Type: qualityOfServiceAlarm (82) Package: equipment Raised on class: equipment.PhysicalPort	Severity: variable Implicitly cleared: true Default probable cause: T_PMON_PORTIFINDISCARDS_1DAY (2206)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when Indicates a Threshold Crossing Alert has been detected for the Port IfInDiscards PMON parameter for the 1Day interval.		
Remedial action: The alarm is raised when the related TCA threshold is crossed.Check min/max range of valid values for this TCA in order to clear the alarm.		

Table 3-696 TPmonPortIfInErrors15Min

Alarm	Attributes	Applicable major releases
Name: TPmonPortIfInErrors15Min (5461) Type: qualityOfServiceAlarm (82) Package: equipment Raised on class: equipment.PhysicalPort	Severity: variable Implicitly cleared: true Default probable cause: T_PMON_PORTIFINERRORS_15MIN (2207)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when Indicates a Threshold Crossing Alert has been detected for the Port IfInErrors PMON parameter for the 15Min interval.		
Remedial action: The alarm is raised when the related TCA threshold is crossed.Check min/max range of valid values for this TCA in order to clear the alarm.		

Table 3-697 TPmonPortIfInErrors1Day

Alarm	Attributes	Applicable major releases
Name: TPmonPortIfInErrors1Day (5462) Type: qualityOfServiceAlarm (82) Package: equipment Raised on class: equipment.PhysicalPort	Severity: variable Implicitly cleared: true Default probable cause: T_PMON_PORTIFINERRORS_1DAY (2208)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when Indicates a Threshold Crossing Alert has been detected for the Port IfInErrors PMON parameter for the 1Day interval.		
Remedial action: The alarm is raised when the related TCA threshold is crossed.Check min/max range of valid values for this TCA in order to clear the alarm.		

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Table 3-698 TPmonPortIfInOctets15Min

Alarm	Attributes	Applicable major releases
Name: TPmonPortIfInOctets15Min (5463) Type: qualityOfServiceAlarm (82) Package: equipment Raised on class: equipment.PhysicalPort	Severity: variable Implicitly cleared: true Default probable cause: T_PMON_PORTIFINOCKETS_15MIN (2209)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when Indicates a Threshold Crossing Alert has been detected for the Port IfInOctets PMON parameter for the 15Min interval.		
Remedial action: The alarm is raised when the related TCA threshold is crossed.Check min/max range of valid values for this TCA in order to clear the alarm.		

Table 3-699 TPmonPortIfInOctets1Day

Alarm	Attributes	Applicable major releases
Name: TPmonPortIfInOctets1Day (5464) Type: qualityOfServiceAlarm (82) Package: equipment Raised on class: equipment.PhysicalPort	Severity: variable Implicitly cleared: true Default probable cause: T_PMON_PORTIFINOCKETS_1DAY (2210)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when Indicates a Threshold Crossing Alert has been detected for the Port IfInOctets PMON parameter for the 1Day interval.		
Remedial action: The alarm is raised when the related TCA threshold is crossed.Check min/max range of valid values for this TCA in order to clear the alarm.		

Table 3-700 TPmonPortIfInPackets15Min

Alarm	Attributes	Applicable major releases
Name: TPmonPortIfInPackets15Min (5465) Type: qualityOfServiceAlarm (82) Package: equipment Raised on class: equipment.PhysicalPort	Severity: variable Implicitly cleared: true Default probable cause: T_PMON_PORTIFINPACKETS_15MIN (2211)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when Indicates a Threshold Crossing Alert has been detected for the Port IfInPackets PMON parameter for the 15Min interval.		
Remedial action: The alarm is raised when the related TCA threshold is crossed.Check min/max range of valid values for this TCA in order to clear the alarm.		

Table 3-701 TPmonPortIfInPackets1Day

Alarm	Attributes	Applicable major releases
Name: TPmonPortIfInPackets1Day (5466) Type: qualityOfServiceAlarm (82) Package: equipment Raised on class: equipment.PhysicalPort	Severity: variable Implicitly cleared: true Default probable cause: T_PMON_PORTIFINPACKETS_1DAY (2212)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when Indicates a Threshold Crossing Alert has been detected for the Port IfInPackets PMON parameter for the 1Day interval.		
Remedial action: The alarm is raised when the related TCA threshold is crossed.Check min/max range of valid values for this TCA in order to clear the alarm.		

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Table 3-702 TPmonPortIfOutDiscards15Min

Alarm	Attributes	Applicable major releases
Name: TPmonPortIfOutDiscards15Min (5467) Type: qualityOfServiceAlarm (82) Package: equipment Raised on class: equipment.PhysicalPort	Severity: variable Implicitly cleared: true Default probable cause: T_PMON_PORTIFOUTDISCARDS_15MIN (2213)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when Indicates a Threshold Crossing Alert has been detected for the Port IfOutDiscards PMON parameter for the 15Min interval.		
Remedial action: The alarm is raised when the related TCA threshold is crossed.Check min/max range of valid values for this TCA in order to clear the alarm.		

Table 3-703 TPmonPortIfOutDiscards1Day

Alarm	Attributes	Applicable major releases
Name: TPmonPortIfOutDiscards1Day (5468) Type: qualityOfServiceAlarm (82) Package: equipment Raised on class: equipment.PhysicalPort	Severity: variable Implicitly cleared: true Default probable cause: T_PMON_PORTIFOUTDISCARDS_1DAY (2214)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when Indicates a Threshold Crossing Alert has been detected for the Port IfOutDiscards PMON parameter for the 1Day interval.		
Remedial action: The alarm is raised when the related TCA threshold is crossed.Check min/max range of valid values for this TCA in order to clear the alarm.		

Table 3-704 TPmonPortIfOutErrors15Min

Alarm	Attributes	Applicable major releases
Name: TPmonPortIfOutErrors15Min (5469) Type: qualityOfServiceAlarm (82) Package: equipment Raised on class: equipment.PhysicalPort	Severity: variable Implicitly cleared: true Default probable cause: T_PMON_PORTIFOUTERRORS_15MIN (2215)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when Indicates a Threshold Crossing Alert has been detected for the Port IfOutErrors PMON parameter for the 15Min interval.		
Remedial action: The alarm is raised when the related TCA threshold is crossed.Check min/max range of valid values for this TCA in order to clear the alarm.		

Table 3-705 TPmonPortIfOutErrors1Day

Alarm	Attributes	Applicable major releases
Name: TPmonPortIfOutErrors1Day (5470) Type: qualityOfServiceAlarm (82) Package: equipment Raised on class: equipment.PhysicalPort	Severity: variable Implicitly cleared: true Default probable cause: T_PMON_PORTIFOUTERRORS_1DAY (2216)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when Indicates a Threshold Crossing Alert has been detected for the Port IfOutErrors PMON parameter for the 1Day interval.		
Remedial action: The alarm is raised when the related TCA threshold is crossed.Check min/max range of valid values for this TCA in order to clear the alarm.		

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Table 3-706 TPmonPortIfOutOctets15Min

Alarm	Attributes	Applicable major releases
Name: TPmonPortIfOutOctets15Min (5471) Type: qualityOfServiceAlarm (82) Package: equipment Raised on class: equipment.PhysicalPort	Severity: variable Implicitly cleared: true Default probable cause: T_PMON_PORTIFOUTOCTETS_15MIN (2217)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when Indicates a Threshold Crossing Alert has been detected for the Port IfOutOctets PMON parameter for the 15Min interval.		
Remedial action: The alarm is raised when the related TCA threshold is crossed.Check min/max range of valid values for this TCA in order to clear the alarm.		

Table 3-707 TPmonPortIfOutOctets1Day

Alarm	Attributes	Applicable major releases
Name: TPmonPortIfOutOctets1Day (5472) Type: qualityOfServiceAlarm (82) Package: equipment Raised on class: equipment.PhysicalPort	Severity: variable Implicitly cleared: true Default probable cause: T_PMON_PORTIFOUTOCTETS_1DAY (2218)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when Indicates a Threshold Crossing Alert has been detected for the Port IfOutOctets PMON parameter for the 1Day interval.		
Remedial action: The alarm is raised when the related TCA threshold is crossed.Check min/max range of valid values for this TCA in order to clear the alarm.		

Table 3-708 TPmonPortIfOutPackets15Min

Alarm	Attributes	Applicable major releases
Name: TPmonPortIfOutPackets15Min (5473) Type: qualityOfServiceAlarm (82) Package: equipment Raised on class: equipment.PhysicalPort	Severity: variable Implicitly cleared: true Default probable cause: T_PMON_PORTIFOUTPACKETS_15MIN (2219)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when Indicates a Threshold Crossing Alert has been detected for the Port IfOutPackets PMON parameter for the 15Min interval.		
Remedial action: The alarm is raised when the related TCA threshold is crossed.Check min/max range of valid values for this TCA in order to clear the alarm.		

Table 3-709 TPmonPortIfOutPackets1Day

Alarm	Attributes	Applicable major releases
Name: TPmonPortIfOutPackets1Day (5474) Type: qualityOfServiceAlarm (82) Package: equipment Raised on class: equipment.PhysicalPort	Severity: variable Implicitly cleared: true Default probable cause: T_PMON_PORTIFOUTPACKETS_1DAY (2220)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when Indicates a Threshold Crossing Alert has been detected for the Port IfOutPackets PMON parameter for the 1Day interval.		
Remedial action: The alarm is raised when the related TCA threshold is crossed.Check min/max range of valid values for this TCA in order to clear the alarm.		

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Table 3-710 TPmonPortQueue1OctetsDropped15Min

Alarm	Attributes	Applicable major releases
Name: TPmonPortQueue1OctetsDropped15Min (5475) Type: qualityOfServiceAlarm (82) Package: equipment Raised on class: equipment.PhysicalPort	Severity: variable Implicitly cleared: true Default probable cause: T_PMON_PORTQUEUE1OCTETSDROPPED_15MIN (2221)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when Indicates a Threshold Crossing Alert has been detected for the Port Queue 1 Octets dropped PMON parameter for the 15Min interval.		
Remedial action: The alarm is raised when the related TCA threshold is crossed.Check min/max range of valid values for this TCA in order to clear the alarm.		

Table 3-711 TPmonPortQueue1OctetsDropped1Day

Alarm	Attributes	Applicable major releases
Name: TPmonPortQueue1OctetsDropped1Day (5476) Type: qualityOfServiceAlarm (82) Package: equipment Raised on class: equipment.PhysicalPort	Severity: variable Implicitly cleared: true Default probable cause: T_PMON_PORTQUEUE1OCTETSDROPPED_1DAY (2222)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when Indicates a Threshold Crossing Alert has been detected for the Port Queue 1 Octets dropped PMON parameter for the 1Day interval.		
Remedial action: The alarm is raised when the related TCA threshold is crossed.Check min/max range of valid values for this TCA in order to clear the alarm.		

Table 3-712 TPmonPortQueue1PktsDropped15Min

Alarm	Attributes	Applicable major releases
Name: TPmonPortQueue1PktsDropped15Min (5477) Type: qualityOfServiceAlarm (82) Package: equipment Raised on class: equipment.PhysicalPort	Severity: variable Implicitly cleared: true Default probable cause: T_PMON_PORTQUEUE1PKTSDROPPED_15MIN (2223)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when Indicates a Threshold Crossing Alert has been detected for the Port Queue 1 Packets dropped PMON parameter for the 15Min interval.		
Remedial action: The alarm is raised when the related TCA threshold is crossed.Check min/max range of valid values for this TCA in order to clear the alarm.		

Table 3-713 TPmonPortQueue1PktsDropped1Day

Alarm	Attributes	Applicable major releases
Name: TPmonPortQueue1PktsDropped1Day (5478) Type: qualityOfServiceAlarm (82) Package: equipment Raised on class: equipment.PhysicalPort	Severity: variable Implicitly cleared: true Default probable cause: T_PMON_PORTQUEUEPKTSDROPPED_1DAY (2224)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when Indicates a Threshold Crossing Alert has been detected for the Port Queue 1 Packets dropped PMON parameter for the 1Day interval.		
Remedial action: The alarm is raised when the related TCA threshold is crossed.Check min/max range of valid values for this TCA in order to clear the alarm.		

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Table 3-714 TPmonPortQueue2OctetsDropped15Min

Alarm	Attributes	Applicable major releases
Name: TPmonPortQueue2OctetsDropped15Min (5479) Type: qualityOfServiceAlarm (82) Package: equipment Raised on class: equipment.PhysicalPort	Severity: variable Implicitly cleared: true Default probable cause: T_PMON_PORTQUEUE2OCTETSDROPPED_15MIN (2225)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when Indicates a Threshold Crossing Alert has been detected for the Port Queue 2 Octets dropped PMON parameter for the 15Min interval.		
Remedial action: The alarm is raised when the related TCA threshold is crossed.Check min/max range of valid values for this TCA in order to clear the alarm.		

Table 3-715 TPmonPortQueue2OctetsDropped1Day

Alarm	Attributes	Applicable major releases
Name: TPmonPortQueue2OctetsDropped1Day (5480) Type: qualityOfServiceAlarm (82) Package: equipment Raised on class: equipment.PhysicalPort	Severity: variable Implicitly cleared: true Default probable cause: T_PMON_PORTQUEUE2OCTETSDROPPED_1DAY (2222)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when Indicates a Threshold Crossing Alert has been detected for the Port Queue 2 Octets dropped PMON parameter for the 1Day interval.		
Remedial action: The alarm is raised when the related TCA threshold is crossed.Check min/max range of valid values for this TCA in order to clear the alarm.		

Table 3-716 TPmonPortQueue2PktsDropped15Min

Alarm	Attributes	Applicable major releases
Name: TPmonPortQueue2PktsDropped15Min (5481) Type: qualityOfServiceAlarm (82) Package: equipment Raised on class: equipment.PhysicalPort	Severity: variable Implicitly cleared: true Default probable cause: T_PMON_PORTQUEUE2PKTSDROPPED_15MIN (2226)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when Indicates a Threshold Crossing Alert has been detected for the Port Queue 2 Packets dropped PMON parameter for the 15Min interval.		
Remedial action: The alarm is raised when the related TCA threshold is crossed.Check min/max range of valid values for this TCA in order to clear the alarm.		

Table 3-717 TPmonPortQueue2PktsDropped1Day

Alarm	Attributes	Applicable major releases
Name: TPmonPortQueue2PktsDropped1Day (5482) Type: qualityOfServiceAlarm (82) Package: equipment Raised on class: equipment.PhysicalPort	Severity: variable Implicitly cleared: true Default probable cause: T_PMON_PORTQUEUEPKTSDROPPED_1DAY (2224)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when Indicates a Threshold Crossing Alert has been detected for the Port Queue 2 Packets dropped PMON parameter for the 1Day interval.		
Remedial action: The alarm is raised when the related TCA threshold is crossed.Check min/max range of valid values for this TCA in order to clear the alarm.		

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Table 3-718 TPmonPortQueue3OctetsDropped15Min

Alarm	Attributes	Applicable major releases
Name: TPmonPortQueue3OctetsDropped15Min (5483) Type: qualityOfServiceAlarm (82) Package: equipment Raised on class: equipment.PhysicalPort	Severity: variable Implicitly cleared: true Default probable cause: T_PMON_PORTQUEUE3OCTETSDROPPED_15MIN (2227)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when Indicates a Threshold Crossing Alert has been detected for the Port Queue 3 Octets dropped PMON parameter for the 15Min interval.		
Remedial action: The alarm is raised when the related TCA threshold is crossed.Check min/max range of valid values for this TCA in order to clear the alarm.		

Table 3-719 TPmonPortQueue3OctetsDropped1Day

Alarm	Attributes	Applicable major releases
Name: TPmonPortQueue3OctetsDropped1Day (5484) Type: qualityOfServiceAlarm (82) Package: equipment Raised on class: equipment.PhysicalPort	Severity: variable Implicitly cleared: true Default probable cause: T_PMON_PORTQUEUE3OCTETSDROPPED_1DAY (2222)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when Indicates a Threshold Crossing Alert has been detected for the Port Queue 3 Octets dropped PMON parameter for the 1Day interval.		
Remedial action: The alarm is raised when the related TCA threshold is crossed.Check min/max range of valid values for this TCA in order to clear the alarm.		

Table 3-720 TPmonPortQueue3PktsDropped15Min

Alarm	Attributes	Applicable major releases
Name: TPmonPortQueue3PktsDropped15Min (5485) Type: qualityOfServiceAlarm (82) Package: equipment Raised on class: equipment.PhysicalPort	Severity: variable Implicitly cleared: true Default probable cause: T_PMON_PORTQUEUE3PKTSDROPPED_15MIN (2228)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when Indicates a Threshold Crossing Alert has been detected for the Port Queue 3 Packets dropped PMON parameter for the 15Min interval.		
Remedial action: The alarm is raised when the related TCA threshold is crossed.Check min/max range of valid values for this TCA in order to clear the alarm.		

Table 3-721 TPmonPortQueue3PktsDropped1Day

Alarm	Attributes	Applicable major releases
Name: TPmonPortQueue3PktsDropped1Day (5486) Type: qualityOfServiceAlarm (82) Package: equipment Raised on class: equipment.PhysicalPort	Severity: variable Implicitly cleared: true Default probable cause: T_PMON_PORTQUEUEPKTSDROPPED_1DAY (2224)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when Indicates a Threshold Crossing Alert has been detected for the Port Queue 3 Packets dropped PMON parameter for the 1Day interval.		
Remedial action: The alarm is raised when the related TCA threshold is crossed.Check min/max range of valid values for this TCA in order to clear the alarm.		

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Table 3-722 TPmonPortQueue4OctetsDropped15Min

Alarm	Attributes	Applicable major releases
Name: TPmonPortQueue4OctetsDropped15Min (5487) Type: qualityOfServiceAlarm (82) Package: equipment Raised on class: equipment.PhysicalPort	Severity: variable Implicitly cleared: true Default probable cause: T_PMON_PORTQUEUE4OCTETSDROPPED_15MIN (2229)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when Indicates a Threshold Crossing Alert has been detected for the Port Queue 4 Octets dropped PMON parameter for the 15Min interval.		
Remedial action: The alarm is raised when the related TCA threshold is crossed.Check min/max range of valid values for this TCA in order to clear the alarm.		

Table 3-723 TPmonPortQueue4OctetsDropped1Day

Alarm	Attributes	Applicable major releases
Name: TPmonPortQueue4OctetsDropped1Day (5488) Type: qualityOfServiceAlarm (82) Package: equipment Raised on class: equipment.PhysicalPort	Severity: variable Implicitly cleared: true Default probable cause: T_PMON_PORTQUEUE4OCTETSDROPPED_1DAY (2222)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when Indicates a Threshold Crossing Alert has been detected for the Port Queue 4 Octets dropped PMON parameter for the 1Day interval.		
Remedial action: The alarm is raised when the related TCA threshold is crossed.Check min/max range of valid values for this TCA in order to clear the alarm.		

Table 3-724 TPmonPortQueue4PktsDropped15Min

Alarm	Attributes	Applicable major releases
Name: TPmonPortQueue4PktsDropped15Min (5489) Type: qualityOfServiceAlarm (82) Package: equipment Raised on class: equipment.PhysicalPort	Severity: variable Implicitly cleared: true Default probable cause: T_PMON_PORTQUEUE4PKTSDROPPED_15MIN (2230)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when Indicates a Threshold Crossing Alert has been detected for the Port Queue 4 Packets dropped PMON parameter for the 15Min interval.		
Remedial action: The alarm is raised when the related TCA threshold is crossed.Check min/max range of valid values for this TCA in order to clear the alarm.		

Table 3-725 TPmonPortQueue4PktsDropped1Day

Alarm	Attributes	Applicable major releases
Name: TPmonPortQueue4PktsDropped1Day (5490) Type: qualityOfServiceAlarm (82) Package: equipment Raised on class: equipment.PhysicalPort	Severity: variable Implicitly cleared: true Default probable cause: T_PMON_PORTQUEUEPKTSDROPPED_1DAY (2224)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when Indicates a Threshold Crossing Alert has been detected for the Port Queue 4 Packets dropped PMON parameter for the 1Day interval.		
Remedial action: The alarm is raised when the related TCA threshold is crossed.Check min/max range of valid values for this TCA in order to clear the alarm.		

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Table 3-726 TPmonPortQueue5OctetsDropped15Min

Alarm	Attributes	Applicable major releases
Name: TPmonPortQueue5OctetsDropped15Min (5491) Type: qualityOfServiceAlarm (82) Package: equipment Raised on class: equipment.PhysicalPort	Severity: variable Implicitly cleared: true Default probable cause: T_PMON_PORTQUEUE5OCTETSDROPPED_15MIN (2231)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when Indicates a Threshold Crossing Alert has been detected for the Port Queue 5 Octets dropped PMON parameter for the 15Min interval.		
Remedial action: The alarm is raised when the related TCA threshold is crossed.Check min/max range of valid values for this TCA in order to clear the alarm.		

Table 3-727 TPmonPortQueue5OctetsDropped1Day

Alarm	Attributes	Applicable major releases
Name: TPmonPortQueue5OctetsDropped1Day (5492) Type: qualityOfServiceAlarm (82) Package: equipment Raised on class: equipment.PhysicalPort	Severity: variable Implicitly cleared: true Default probable cause: T_PMON_PORTQUEUE5OCTETSDROPPED_1DAY (2222)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when Indicates a Threshold Crossing Alert has been detected for the Port Queue 5 Octets dropped PMON parameter for the 1Day interval.		
Remedial action: The alarm is raised when the related TCA threshold is crossed.Check min/max range of valid values for this TCA in order to clear the alarm.		

Table 3-728 TPmonPortQueue5PktsDropped15Min

Alarm	Attributes	Applicable major releases
Name: TPmonPortQueue5PktsDropped15Min (5493) Type: qualityOfServiceAlarm (82) Package: equipment Raised on class: equipment.PhysicalPort	Severity: variable Implicitly cleared: true Default probable cause: T_PMON_PORTQUEUE5PKTSDROPPED_15MIN (2232)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when Indicates a Threshold Crossing Alert has been detected for the Port Queue 5 Packets dropped PMON parameter for the 15Min interval.		
Remedial action: The alarm is raised when the related TCA threshold is crossed.Check min/max range of valid values for this TCA in order to clear the alarm.		

Table 3-729 TPmonPortQueue5PktsDropped1Day

Alarm	Attributes	Applicable major releases
Name: TPmonPortQueue5PktsDropped1Day (5494) Type: qualityOfServiceAlarm (82) Package: equipment Raised on class: equipment.PhysicalPort	Severity: variable Implicitly cleared: true Default probable cause: T_PMON_PORTQUEUEPKTSDROPPED_1DAY (2224)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when Indicates a Threshold Crossing Alert has been detected for the Port Queue 5 Packets dropped PMON parameter for the 1Day interval.		
Remedial action: The alarm is raised when the related TCA threshold is crossed.Check min/max range of valid values for this TCA in order to clear the alarm.		

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Table 3-730 TPmonPortQueue6OctetsDropped15Min

Alarm	Attributes	Applicable major releases
Name: TPmonPortQueue6OctetsDropped15Min (5495) Type: qualityOfServiceAlarm (82) Package: equipment Raised on class: equipment.PhysicalPort	Severity: variable Implicitly cleared: true Default probable cause: T_PMON_PORTQUEUE6OCTETSDROPPED_15MIN (2233)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when Indicates a Threshold Crossing Alert has been detected for the Port Queue 6 Octets dropped PMON parameter for the 15Min interval.		
Remedial action: The alarm is raised when the related TCA threshold is crossed.Check min/max range of valid values for this TCA in order to clear the alarm.		

Table 3-731 TPmonPortQueue6OctetsDropped1Day

Alarm	Attributes	Applicable major releases
Name: TPmonPortQueue6OctetsDropped1Day (5496) Type: qualityOfServiceAlarm (82) Package: equipment Raised on class: equipment.PhysicalPort	Severity: variable Implicitly cleared: true Default probable cause: T_PMON_PORTQUEUE6OCTETSDROPPED_1DAY (2222)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when Indicates a Threshold Crossing Alert has been detected for the Port Queue 6 Octets dropped PMON parameter for the 1Day interval.		
Remedial action: The alarm is raised when the related TCA threshold is crossed.Check min/max range of valid values for this TCA in order to clear the alarm.		

Table 3-732 TPmonPortQueue6PktsDropped15Min

Alarm	Attributes	Applicable major releases
Name: TPmonPortQueue6PktsDropped15Min (5497) Type: qualityOfServiceAlarm (82) Package: equipment Raised on class: equipment.PhysicalPort	Severity: variable Implicitly cleared: true Default probable cause: T_PMON_PORTQUEUE6PKTSDROPPED_15MIN (2234)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when Indicates a Threshold Crossing Alert has been detected for the Port Queue 6 Packets dropped PMON parameter for the 15Min interval.		
Remedial action: The alarm is raised when the related TCA threshold is crossed.Check min/max range of valid values for this TCA in order to clear the alarm.		

Table 3-733 TPmonPortQueue6PktsDropped1Day

Alarm	Attributes	Applicable major releases
Name: TPmonPortQueue6PktsDropped1Day (5498) Type: qualityOfServiceAlarm (82) Package: equipment Raised on class: equipment.PhysicalPort	Severity: variable Implicitly cleared: true Default probable cause: T_PMON_PORTQUEUE6PKTSDROPPED_1DAY (2224)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when Indicates a Threshold Crossing Alert has been detected for the Port Queue 6 Packets dropped PMON parameter for the 1Day interval.		
Remedial action: The alarm is raised when the related TCA threshold is crossed.Check min/max range of valid values for this TCA in order to clear the alarm.		

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Table 3-734 TPmonPortQueue7OctetsDropped15Min

Alarm	Attributes	Applicable major releases
Name: TPmonPortQueue7OctetsDropped15Min (5499) Type: qualityOfServiceAlarm (82) Package: equipment Raised on class: equipment.PhysicalPort	Severity: variable Implicitly cleared: true Default probable cause: T_PMON_PORTQUEUE7OCTETSDROPPED_15MIN (2235)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when Indicates a Threshold Crossing Alert has been detected for the Port Queue 7 Octets dropped PMON parameter for the 15Min interval.		
Remedial action: The alarm is raised when the related TCA threshold is crossed.Check min/max range of valid values for this TCA in order to clear the alarm.		

Table 3-735 TPmonPortQueue7OctetsDropped1Day

Alarm	Attributes	Applicable major releases
Name: TPmonPortQueue7OctetsDropped1Day (5500) Type: qualityOfServiceAlarm (82) Package: equipment Raised on class: equipment.PhysicalPort	Severity: variable Implicitly cleared: true Default probable cause: T_PMON_PORTQUEUE7OCTETSDROPPED_1DAY (2222)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when Indicates a Threshold Crossing Alert has been detected for the Port Queue 7 Octets dropped PMON parameter for the 1Day interval.		
Remedial action: The alarm is raised when the related TCA threshold is crossed.Check min/max range of valid values for this TCA in order to clear the alarm.		

Table 3-736 TPmonPortQueue7PktsDropped15Min

Alarm	Attributes	Applicable major releases
Name: TPmonPortQueue7PktsDropped15Min (5501) Type: qualityOfServiceAlarm (82) Package: equipment Raised on class: equipment.PhysicalPort	Severity: variable Implicitly cleared: true Default probable cause: T_PMON_PORTQUEUE7PKTSDROPPED_15MIN (2236)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when Indicates a Threshold Crossing Alert has been detected for the Port Queue 7 Packets dropped PMON parameter for the 15Min interval.		
Remedial action: The alarm is raised when the related TCA threshold is crossed.Check min/max range of valid values for this TCA in order to clear the alarm.		

Table 3-737 TPmonPortQueue7PktsDropped1Day

Alarm	Attributes	Applicable major releases
Name: TPmonPortQueue7PktsDropped1Day (5502) Type: qualityOfServiceAlarm (82) Package: equipment Raised on class: equipment.PhysicalPort	Severity: variable Implicitly cleared: true Default probable cause: T_PMON_PORTQUEUE7PKTSDROPPED_1DAY (2224)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when Indicates a Threshold Crossing Alert has been detected for the Port Queue 7 Packets dropped PMON parameter for the 1Day interval.		
Remedial action: The alarm is raised when the related TCA threshold is crossed.Check min/max range of valid values for this TCA in order to clear the alarm.		

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Table 3-738 TPmonPortQueue8OctetsDropped15Min

Alarm	Attributes	Applicable major releases
Name: TPmonPortQueue8OctetsDropped15Min (5503) Type: qualityOfServiceAlarm (82) Package: equipment Raised on class: equipment.PhysicalPort	Severity: variable Implicitly cleared: true Default probable cause: T_PMON_PORTQUEUE8OCTETSDROPPED_15MIN (2237)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when Indicates a Threshold Crossing Alert has been detected for the Port Queue 8 Octets dropped PMON parameter for the 15Min interval.		
Remedial action: The alarm is raised when the related TCA threshold is crossed.Check min/max range of valid values for this TCA in order to clear the alarm.		

Table 3-739 TPmonPortQueue8OctetsDropped1Day

Alarm	Attributes	Applicable major releases
Name: TPmonPortQueue8OctetsDropped1Day (5504) Type: qualityOfServiceAlarm (82) Package: equipment Raised on class: equipment.PhysicalPort	Severity: variable Implicitly cleared: true Default probable cause: T_PMON_PORTQUEUE8OCTETSDROPPED_1DAY (2222)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when Indicates a Threshold Crossing Alert has been detected for the Port Queue 8 Octets dropped PMON parameter for the 1Day interval.		
Remedial action: The alarm is raised when the related TCA threshold is crossed.Check min/max range of valid values for this TCA in order to clear the alarm.		

Table 3-740 TPmonPortQueue8PktsDropped15Min

Alarm	Attributes	Applicable major releases
Name: TPmonPortQueue8PktsDropped15Min (5505) Type: qualityOfServiceAlarm (82) Package: equipment Raised on class: equipment.PhysicalPort	Severity: variable Implicitly cleared: true Default probable cause: T_PMON_PORTQUEUE8PKTSDROPPED_15MIN (2238)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when Indicates a Threshold Crossing Alert has been detected for the Port Queue 8 Packets dropped PMON parameter for the 15Min interval.		
Remedial action: The alarm is raised when the related TCA threshold is crossed.Check min/max range of valid values for this TCA in order to clear the alarm.		

Table 3-741 TPmonPortQueue8PktsDropped1Day

Alarm	Attributes	Applicable major releases
Name: TPmonPortQueue8PktsDropped1Day (5506) Type: qualityOfServiceAlarm (82) Package: equipment Raised on class: equipment.PhysicalPort	Severity: variable Implicitly cleared: true Default probable cause: T_PMON_PORTQUEUE8PKTSDROPPED_1DAY (2224)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when Indicates a Threshold Crossing Alert has been detected for the Port Queue 8 Packets dropped PMON parameter for the 1Day interval.		
Remedial action: The alarm is raised when the related TCA threshold is crossed.Check min/max range of valid values for this TCA in order to clear the alarm.		

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Table 3-742 TPmonSapIngressOctetsDropped15Min

Alarm	Attributes	Applicable major releases
Name: TPmonSapIngressOctetsDropped15Min (5598) Type: qualityOfServiceAlarm (82) Package: vpls Raised on class: vpls.L2AccessInterface	Severity: variable Implicitly cleared: true Default probable cause: T_PMON_SAPINGRESSOCTETSDROPPED_15MIN (2350)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when Indicates a Threshold Crossing Alert has been detected for the SAP Ingress Octets Dropped PMON parameter for the 15Min interval.		
Remedial action: The alarm is raised when the related TCA threshold is crossed.Check min/max range of valid values for this TCA in order to clear the alarm.		

Table 3-743 TPmonSapIngressOctetsDropped1Day

Alarm	Attributes	Applicable major releases
Name: TPmonSapIngressOctetsDropped1Day (5599) Type: qualityOfServiceAlarm (82) Package: vpls Raised on class: vpls.L2AccessInterface	Severity: variable Implicitly cleared: true Default probable cause: T_PMON_SAPINGRESSOCTETSDROPPED_1DAY (2351)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when Indicates a Threshold Crossing Alert has been detected for the SAP Ingress Octets Dropped PMON parameter for the 1Day interval.		
Remedial action: The alarm is raised when the related TCA threshold is crossed.Check min/max range of valid values for this TCA in order to clear the alarm.		

Table 3-744 TPmonSapIngressPktsDropped15Min

Alarm	Attributes	Applicable major releases
Name: TPmonSapIngressPktsDropped15Min (5600) Type: qualityOfServiceAlarm (82) Package: vpls Raised on class: vpls.L2AccessInterface	Severity: variable Implicitly cleared: true Default probable cause: T_PMON_SAPINGRESSPKTSDROPPED_15MIN (2352)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when Indicates a Threshold Crossing Alert has been detected for the SAP Ingress Packets Dropped PMON parameter for the 15Min interval.		
Remedial action: The alarm is raised when the related TCA threshold is crossed. Check min/max range of valid values for this TCA in order to clear the alarm.		

Table 3-745 TPmonSapIngressPktsDropped1Day

Alarm	Attributes	Applicable major releases
Name: TPmonSapIngressPktsDropped1Day (5601) Type: qualityOfServiceAlarm (82) Package: vpls Raised on class: vpls.L2AccessInterface	Severity: variable Implicitly cleared: true Default probable cause: T_PMON_SAPINGRESSPKTSDROPPED_1DAY (2353)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when Indicates a Threshold Crossing Alert has been detected for the SAP Ingress Packets Dropped PMON parameter for the 1Day interval.		
Remedial action: The alarm is raised when the related TCA threshold is crossed. Check min/max range of valid values for this TCA in order to clear the alarm.		

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Table 3-746 TPmonSlmafflr15Min

Alarm	Attributes	Applicable major releases
Name: TPmonSlmafflr15Min (5544) Type: qualityOfServiceAlarm (82) Package: ethernetoam Raised on class: ethernetoam.CfmTwoWaySlm	Severity: variable Implicitly cleared: true Default probable cause: T_PMON_SLMAFFLR_15MIN (2275)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when a Threshold Crossing Alert has been detected for the SLM test afflr PMON parameter for the 15Min interval.		
Remedial action: The alarm is raised when the related TCA threshold is crossed. Check min/max range of valid values for this TCA in order to clear the alarm.		

Table 3-747 TPmonSlmafF1r1Day

Alarm	Attributes	Applicable major releases
Name: TPmonSlmafF1r1Day (5543) Type: qualityOfServiceAlarm (82) Package: ethernetoam Raised on class: ethernetoam.CfmTwoWaySlm	Severity: variable Implicitly cleared: true Default probable cause: T_PMON_SLMAFFLR_1DAY (2274)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when a Threshold Crossing Alert has been detected for the SLM test afF1r PMON parameter for the 1Day interval.		
Remedial action: The alarm is raised when the related TCA threshold is crossed. Check min/max range of valid values for this TCA in order to clear the alarm.		

Table 3-748 TPmonSlmafflrContinuous

Alarm	Attributes	Applicable major releases
Name: TPmonSlmafflrContinuous (5545) Type: qualityOfServiceAlarm (82) Package: ethernetoam Raised on class: ethernetoam.CfmTwoWaySlm	Severity: variable Implicitly cleared: true Default probable cause: T_PMON_SLMAFFLR_CONTINUOUS (2276)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when a Threshold Crossing Alert has been detected for the SLM test afflr PMON parameter - continuous.		
Remedial action: The alarm is raised when the related TCA threshold is crossed. Check min/max range of valid values for this TCA in order to clear the alarm.		

Table 3-749 TPmonSlmanflr15Min

Alarm	Attributes	Applicable major releases
Name: TPmonSlmanflr15Min (5547) Type: qualityOfServiceAlarm (82) Package: ethernetoam Raised on class: ethernetoam.CfmTwoWaySlm	Severity: variable Implicitly cleared: true Default probable cause: T_PMON_SLMANFLR_15MIN (2278)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when a Threshold Crossing Alert has been detected for the SLM test anflr PMON parameter for the 15Min interval.		
Remedial action: The alarm is raised when the related TCA threshold is crossed. Check min/max range of valid values for this TCA in order to clear the alarm.		

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Table 3-750 TPmonSlmanFlr1Day

Alarm	Attributes	Applicable major releases
Name: TPmonSlmanFlr1Day (5546) Type: qualityOfServiceAlarm (82) Package: ethernetoam Raised on class: ethernetoam.CfmTwoWaySlm	Severity: variable Implicitly cleared: true Default probable cause: T_PMON_SLMANFLR_1DAY (2277)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when a Threshold Crossing Alert has been detected for the SLM test anFlr PMON parameter for the 1Day interval.		
Remedial action: The alarm is raised when the related TCA threshold is crossed. Check min/max range of valid values for this TCA in order to clear the alarm.		

Table 3-751 TPmonSlmanflrContinuous

Alarm	Attributes	Applicable major releases
Name: TPmonSlmanflrContinuous (5548) Type: qualityOfServiceAlarm (82) Package: ethernetoam Raised on class: ethernetoam.CfmTwoWaySlm	Severity: variable Implicitly cleared: true Default probable cause: T_PMON_SLMANFLR_CONTINUOUS (2279)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when a Threshold Crossing Alert has been detected for the SLM test anflr PMON parameter - continuous.		
Remedial action: The alarm is raised when the related TCA threshold is crossed. Check min/max range of valid values for this TCA in order to clear the alarm.		

Table 3-752 TPmonSlmfhli15Min

Alarm	Attributes	Applicable major releases
Name: TPmonSlmfhli15Min (5549) Type: qualityOfServiceAlarm (82) Package: ethernetoam Raised on class: ethernetoam.CfmTwoWaySlm	Severity: variable Implicitly cleared: true Default probable cause: T_PMON_SLMFHLI_15MIN (2280)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when a Threshold Crossing Alert has been detected for the SLM test fhli PMON parameter for the 15Min interval.		
Remedial action: The alarm is raised when the related TCA threshold is crossed. Check min/max range of valid values for this TCA in order to clear the alarm.		

Table 3-753 TPmonSlmfhli1Day

Alarm	Attributes	Applicable major releases
Name: TPmonSlmfhli1Day (5550) Type: qualityOfServiceAlarm (82) Package: ethernetoam Raised on class: ethernetoam.CfmTwoWaySlm	Severity: variable Implicitly cleared: true Default probable cause: T_PMON_SLMFHLI_1DAY (2281)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when a Threshold Crossing Alert has been detected for the SLM test fhli PMON parameter for the 1Day interval.		
Remedial action: The alarm is raised when the related TCA threshold is crossed. Check min/max range of valid values for this TCA in order to clear the alarm.		

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Table 3-754 TPmonSlmfhliContinuous

Alarm	Attributes	Applicable major releases
Name: TPmonSlmfhliContinuous (5551) Type: qualityOfServiceAlarm (82) Package: ethernetToam Raised on class: ethernetToam.CfmTwoWaySlm	Severity: variable Implicitly cleared: true Default probable cause: T_PMON_SLMFHLI_CONTINUOUS (2282)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when a Threshold Crossing Alert has been detected for the SLM test fhli PMON parameter - continuous.		
Remedial action: The alarm is raised when the related TCA threshold is crossed. Check min/max range of valid values for this TCA in order to clear the alarm.		

Table 3-755 TPmonSlmnhli15Min

Alarm	Attributes	Applicable major releases
Name: TPmonSlmnhli15Min (5552) Type: qualityOfServiceAlarm (82) Package: ethernetToam Raised on class: ethernetToam.CfmTwoWaySlm	Severity: variable Implicitly cleared: true Default probable cause: T_PMON_SLMNHLLI_15MIN (2283)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when a Threshold Crossing Alert has been detected for the SLM test nhli PMON parameter for the 15Min interval.		
Remedial action: The alarm is raised when the related TCA threshold is crossed. Check min/max range of valid values for this TCA in order to clear the alarm.		

Table 3-756 TPmonSlmnhli1Day

Alarm	Attributes	Applicable major releases
Name: TPmonSlmnhli1Day (5553) Type: qualityOfServiceAlarm (82) Package: ethernetoam Raised on class: ethernetoam.CfmTwoWaySlm	Severity: variable Implicitly cleared: true Default probable cause: T_PMON_SLMNHLI_1DAY (2284)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when a Threshold Crossing Alert has been detected for the SLM test nhli PMON parameter for the 1Day interval.		
Remedial action: The alarm is raised when the related TCA threshold is crossed. Check min/max range of valid values for this TCA in order to clear the alarm.		

Table 3-757 TPmonSlmnhliContinuous

Alarm	Attributes	Applicable major releases
Name: TPmonSlmnhliContinuous (5554) Type: qualityOfServiceAlarm (82) Package: ethernetoam Raised on class: ethernetoam.CfmTwoWaySlm	Severity: variable Implicitly cleared: true Default probable cause: T_PMON_SLMNHLI_CONTINUOUS (2285)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when a Threshold Crossing Alert has been detected for the SLM test nhli PMON parameter - continuous.		
Remedial action: The alarm is raised when the related TCA threshold is crossed. Check min/max range of valid values for this TCA in order to clear the alarm.		

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Table 3-758 TPmonSlmxfFlr1Day

Alarm	Attributes	Applicable major releases
Name: TPmonSlmxfFlr1Day (5555) Type: qualityOfServiceAlarm (82) Package: ethernetoam Raised on class: ethernetoam.CfmTwoWaySlm	Severity: variable Implicitly cleared: true Default probable cause: T_PMON_SLMXFFLR_1DAY (2286)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when a Threshold Crossing Alert has been detected for the SLM test xflr PMON parameter for the 1Day interval.		
Remedial action: The alarm is raised when the related TCA threshold is crossed. Check min/max range of valid values for this TCA in order to clear the alarm.		

Table 3-759 TPmonSlmxfFlrContinuous

Alarm	Attributes	Applicable major releases
Name: TPmonSlmxfFlrContinuous (5556) Type: qualityOfServiceAlarm (82) Package: ethernetoam Raised on class: ethernetoam.CfmTwoWaySlm	Severity: variable Implicitly cleared: true Default probable cause: T_PMON_SLMXFFLR_CONTINUOUS (2287)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when a Threshold Crossing Alert has been detected for the SLM test xflr PMON parameter - continuous.		
Remedial action: The alarm is raised when the related TCA threshold is crossed. Check min/max range of valid values for this TCA in order to clear the alarm.		

Table 3-760 TPmonSlmxnFlr1Day

Alarm	Attributes	Applicable major releases
Name: TPmonSlmxnFlr1Day (5557) Type: qualityOfServiceAlarm (82) Package: ethernetoam Raised on class: ethernetoam.CfmTwoWaySlm	Severity: variable Implicitly cleared: true Default probable cause: T_PMON_SLMXNFLR_1DAY (2288)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when a Threshold Crossing Alert has been detected for the SLM test xnFlr PMON parameter for the 1Day interval.		
Remedial action: The alarm is raised when the related TCA threshold is crossed. Check min/max range of valid values for this TCA in order to clear the alarm.		

Table 3-761 TPmonSlmxnflrContinuous

Alarm	Attributes	Applicable major releases
Name: TPmonSlmxnflrContinuous (5558) Type: qualityOfServiceAlarm (82) Package: ethernetoam Raised on class: ethernetoam.CfmTwoWaySlm	Severity: variable Implicitly cleared: true Default probable cause: T_PMON_SLMXNFLR_CONTINUOUS (2289)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when a Threshold Crossing Alert has been detected for the SLM test nflr PMON parameter - continuous.		
Remedial action: The alarm is raised when the related TCA threshold is crossed. Check min/max range of valid values for this TCA in order to clear the alarm.		

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Table 3-762 TPostfec15Min

Alarm	Attributes	Applicable major releases
Name: TPostfec15Min (3492) Type: qualityOfServiceAlarm (82) Package: equipment Raised on class: equipment.PhysicalPort	Severity: variable Implicitly cleared: true Default probable cause: T_POSTFEC_15MIN (1321)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when Indicates a Post-FEC BER Threshold Crossing detection is detected.		
Remedial action: The alarm is raised when the related TCA threshold is crossed. Check min/max range of valid values for this TCA in order to clear the alarm.		

Table 3-763 TPostfec1Day

Alarm	Attributes	Applicable major releases
Name: TPostfec1Day (3493) Type: qualityOfServiceAlarm (82) Package: equipment Raised on class: equipment.PhysicalPort	Severity: variable Implicitly cleared: true Default probable cause: T_POSTFEC_1DAY (1322)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when Indicates a Post-FEC BER Threshold Crossing detection is detected.		
Remedial action: The alarm is raised when the related TCA threshold is crossed. Check min/max range of valid values for this TCA in order to clear the alarm.		

Table 3-764 TPrefec15Min

Alarm	Attributes	Applicable major releases
Name: TPrefec15Min (3494) Type: qualityOfServiceAlarm (82) Package: equipment Raised on class: equipment.PhysicalPort	Severity: variable Implicitly cleared: true Default probable cause: T_PREFEC_15MIN (1323)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when Indicates a Pre-FEC BER Threshold Crossing detection is detected.		
Remedial action: The alarm is raised when the related TCA threshold is crossed. Check min/max range of valid values for this TCA in order to clear the alarm.		

Table 3-765 TPrefec1Day

Alarm	Attributes	Applicable major releases
Name: TPrefec1Day (3495) Type: qualityOfServiceAlarm (82) Package: equipment Raised on class: equipment.PhysicalPort	Severity: variable Implicitly cleared: true Default probable cause: T_PREFEC_1DAY (1324)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when Indicates a Pre-FEC BER Threshold Crossing detection is detected.		
Remedial action: The alarm is raised when the related TCA threshold is crossed. Check min/max range of valid values for this TCA in order to clear the alarm.		

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Table 3-766 TrailTracelIdentifierMismatch

Alarm	Attributes	Applicable major releases
Name: TrailTracelIdentifierMismatch (4598) Type: communicationsAlarm (4) Package: equipment Raised on class: equipment.PhysicalPort	Severity: variable Implicitly cleared: true Default probable cause: Tim (1074) Applicable probable causes: <ul style="list-style-type: none"> • Tim • TimOdu • TrailTracelIdentifierMismatchEgress 	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when Trail Identifier Mismatch - OTU is detected.		
Remedial action: This alarm is raised when the incoming optical channel trail trace message does not match the expected incoming optical channel trail trace message. Refer TIMODU (Trace Identifier Mismatch - ODU) in 1830 PSS Troubleshooting guide for detailed corrective procedure.		

Table 3-767 TrailTracelIdentifierMismatchEgress

Alarm	Attributes	Applicable major releases
Name: TrailTracelIdentifierMismatchEgress (4940) Type: communicationsAlarm (4) Package: equipment Raised on class: equipment.PhysicalPort	Severity: variable Implicitly cleared: true Default probable cause: TrailTracelIdentifierMismatchEgress (1801)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when Trail Identifier Mismatch Egress - ODU .		
Remedial action: Please refer 1830 PSS Troubleshooting guide for detailed steps for corrective action.		

Table 3-768 TransferLogFL

Alarm	Attributes	Applicable major releases
Name: TransferLogFL (4875) Type: communicationsAlarm (4) Package: netw Raised on class: netw.NetworkElement	Severity: variable Implicitly cleared: true Default probable cause: TransferLogFL (1939)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when transfer log Failtemp file read or create fail is detected.		
Remedial action: 1. Retry transfer again. 2. If problem persists, contact next level of technical support for assistance.		

Table 3-769 TransferLogFT

Alarm	Attributes	Applicable major releases
Name: TransferLogFT (4876) Type: communicationsAlarm (4) Package: netw Raised on class: netw.NetworkElement	Severity: variable Implicitly cleared: true Default probable cause: TransferLogFT (1940)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when transfer log fail is detected.		
Remedial action: 1. Retry transfer again. 2. If problem persists, contact next level of technical support for assistance.		

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Table 3-770 TransferLogIP

Alarm	Attributes	Applicable major releases
Name: TransferLogIP (4877) Type: communicationsAlarm (4) Package: netw Raised on class: netw.NetworkElement	Severity: variable Implicitly cleared: true Default probable cause: TransferLogIP (1941)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when transfer log in progress is detected.		
Remedial action: No corrective action is required. The alarm clears automatically when the log file transfer has completed successfully or failed.		

Table 3-771 TransmitLaserOffRxFaultDuringLineLoopback

Alarm	Attributes	Applicable major releases
Name: TransmitLaserOffRxFaultDuringLineLoopback (2107) Type: communicationsAlarm (4) Package: equipment Raised on class: equipment.PhysicalPort	Severity: variable Implicitly cleared: true Default probable cause: LaserOffLpbk (1082)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when Transmit laser off - rx fault during line loopback is detected.		
Remedial action: Please refer 1830 PSS Troubleshooting guide for detailed steps for corrective action.		

Table 3-772 TrapDestinationMisconfigured

Alarm	Attributes	Applicable major releases
Name: TrapDestinationMisconfigured (33) Type: configurationAlarm (11) Package: netw Raised on class: netw.NetworkElement	Severity: major Implicitly cleared: true Default probable cause: trapDestinationMisconfigured (26) Applicable probable causes: <ul style="list-style-type: none"> • trapDestinationMisconfigured • duplicateTrapLogId 	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when the 5620 SAM cannot be added to the NE's SNMP trap destinations.		
Raising condition: ('isTrapDestinationMisconfigured' EQUAL 'true')		
Clearing condition: ('isTrapDestinationMisconfigured' EQUAL 'false')		
Remedial action: A configuration error has been made which must be corrected. The SNMP trap destination on the NE must be configured to the IP address of the SAM server.		

Table 3-773 TrapReceivingFailure

Alarm	Attributes	Applicable major releases
Name: TrapReceivingFailure (1083) Type: communications (87) Package: netw Raised on class: netw.NetworkElement	Severity: major Implicitly cleared: false Default probable cause: trapsWillNotBeSent (822)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: This user-defined alarm is raised when the NE is unable to send traps because the NE configuration is one of the following: - The Management IP Selection is set to Out Of Band Only, the Primary Route Preference is set to In Band, and the Secondary Route Preference is set to None. - The Management IP Selection is set to In Band Only, the Primary Route Preference is set to Out Of Band, and the Secondary Route Preference is set to None.		
Raising condition: (((('Active Management IP' EQUAL 'In Band') AND ('Management IP Selection' EQUAL 'In Band Only') AND ('Primary Route Preference' EQUAL 'Out Of Band') AND ('Secondary Route Preference' EQUAL 'None')) OR (('Active Management IP' EQUAL 'Out Of Band') AND ('Management IP Selection' EQUAL 'Out Of Band Only') AND ('Primary Route Preference' EQUAL 'In Band') AND ('Secondary Route Preference' EQUAL 'None')) OR (('Active Management IP' EQUAL 'Out Of Band') AND ('Management IP Selection' EQUAL 'In Band Preferred') AND ('Primary Route Preference' EQUAL 'In Band') AND ('Secondary Route Preference' EQUAL 'None')) OR (('Active Management IP' EQUAL 'In Band') AND ('Management IP Selection' EQUAL 'Out Of Band Preferred') AND ('Primary Route Preference' EQUAL 'Out Of Band') AND ('Secondary Route Preference' EQUAL 'None'))))		

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Alarm	Attributes	Applicable major releases
<p>Clearing condition: (((('Active Management IP' EQUAL 'In Band') AND ('Management IP Selection' EQUAL 'In Band Only') AND (('Primary Route Preference' EQUAL 'In Band') OR ('Secondary Route Preference' EQUAL 'In Band')) OR (('Active Management IP' EQUAL 'Out Of Band') AND ('Management IP Selection' EQUAL 'Out Of Band Only') AND (('Primary Route Preference' EQUAL 'Out Of Band') OR ('Secondary Route Preference' EQUAL 'Out Of Band')) OR (('Active Management IP' EQUAL 'Out Of Band') AND ('Management IP Selection' EQUAL 'In Band Preferred') AND (('Primary Route Preference' EQUAL 'Out Of Band') OR ('Secondary Route Preference' EQUAL 'Out Of Band')) OR (('Active Management IP' EQUAL 'In Band') AND ('Management IP Selection' EQUAL 'In Band') AND ('Management IP Selection' EQUAL 'In Band Preferred') AND (('Primary Route Preference' EQUAL 'In Band') OR ('Secondary Route Preference' EQUAL 'In Band')) OR (('Active Management IP' EQUAL 'In Band') AND ('Management IP Selection' EQUAL 'Out Of Band Preferred') AND (('Primary Route Preference' EQUAL 'In Band') OR ('Secondary Route Preference' EQUAL 'In Band')) OR (('Active Management IP' EQUAL 'Out Of Band') AND ('Management IP Selection' EQUAL 'Out Of Band Preferred') AND (('Primary Route Preference' EQUAL 'Out Of Band') OR ('Secondary Route Preference' EQUAL 'Out Of Band'))))</p>		
<p>Remedial action: A configuration error has been made which must be corrected. The configuration error must be corrected per the discussion in the description for this alarm.</p>		

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Table 3-774 TrapRoutePreferenceRedundancyMissing

Alarm	Attributes	Applicable major releases
<p>Name: TrapRoutePreferenceRedundancyMissing (1084) Type: communications (87) Package: netw Raised on class: netw.NetworkElement</p>	<p>Severity: warning Implicitly cleared: true Default probable cause: trapsRedundancyMissing (823)</p>	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
<p>Description: The user-defined alarm is raised when NE management redundancy is configured without trap route preference redundancy.</p>		
<p>Raising condition: (((('Management IP Selection' EQUAL 'In Band Preferred') AND ('Active Management IP' EQUAL 'In Band') AND ('Primary Route Preference' EQUAL 'In Band') AND ('Secondary Route Preference' EQUAL 'None')) OR (('Management IP Selection' EQUAL 'Out Of Band Preferred') AND ('Active Management IP' EQUAL 'Out Of Band') AND ('Primary Route Preference' EQUAL 'Out Of Band') AND ('Secondary Route Preference' EQUAL 'None'))))</p>		
<p>Clearing condition: (((('Management IP Selection' EQUAL 'In Band Preferred') AND ('Active Management IP' EQUAL 'In Band') AND ('Secondary Route Preference' NOT EQUAL 'None')) OR (('Management IP Selection' EQUAL 'Out Of Band Preferred') AND ('Active Management IP' EQUAL 'Out Of Band') AND ('Secondary Route Preference' NOT EQUAL 'None'))))</p>		
<p>Remedial action: A configuration error has been made which must be corrected. The IP address of the standby SAM server must be configured on the NE in question.</p>		

Table 3-775 TrmtMOD

Alarm	Attributes	Applicable major releases
Name: TrmtMOD (3546) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.PhysicalPort	Severity: variable Implicitly cleared: true Default probable cause: TrmtMOD (1376)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when Pluggable Module transmit failure is detected.		
Remedial action: This alarm is raised at the pluggable module equipment and indicates a fault on the transmit port of the pluggable module. Please follow the below steps to clear this alarm(At the end of each step wait to see if the fault clears. If not proceed with the next step): 1. Perform a warm reset of the card. 2. Remove the pluggable module from the port on the card it is inserted in. Examine the connector on the pluggable module and the receptacle connector on the card where the pluggable module plugs into for any damage. If no damage is seen, reinsert the pluggable module into its port. 3. Remove and replace the pluggable module with another unit of the same type. 4. Perform a cold reset of the card. 5. Reseat the card. 6. Replace the card. For Detailed steps Please refer 1830 PSS Maintenance and Trouble-Clearing User Guide.		

Table 3-776 TRUBRKROPEN

Alarm	Attributes	Applicable major releases
Name: TRUBRKROPEN (4938) Type: communicationsAlarm (4) Package: equipment Raised on class: equipment.PhysicalPort	Severity: variable Implicitly cleared: true Default probable cause: TRUBRKROPEN (1998)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when Open circuit breaker .		
Remedial action: Please refer 1830 PSS Troubleshooting guide for detailed steps for corrective action.		

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Table 3-777 TRUSVCVOLFTLT

Alarm	Attributes	Applicable major releases
Name: TRUSVCVOLFTLT (4939) Type: communicationsAlarm (4) Package: equipment Raised on class: equipment.PhysicalPort	Severity: variable Implicitly cleared: true Default probable cause: TRUSVCVOLFTLT (1999)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when Bad Service Voltage on OneTRU Alarm Board .		
Remedial action: Please refer 1830 PSS Troubleshooting guide for detailed steps for corrective action.		

Table 3-778 TSefs15Min

Alarm	Attributes	Applicable major releases
Name: TSefs15Min (3496) Type: qualityOfServiceAlarm (82) Package: equipment Raised on class: equipment.PhysicalPort	Severity: variable Implicitly cleared: true Default probable cause: T_SEFS_15MIN (1325)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when Indicates a SEFS Threshold Crossing detection is detected.		
Remedial action: The alarm is raised when the related TCA threshold is crossed.Check min/max range of valid values for this TCA in order to clear the alarm.		

Table 3-779 TSefs1Day

Alarm	Attributes	Applicable major releases
Name: TSefs1Day (3497) Type: qualityOfServiceAlarm (82) Package: equipment Raised on class: equipment.PhysicalPort	Severity: variable Implicitly cleared: true Default probable cause: T_SEFS_1DAY (1326)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when Indicates a SEFS Threshold Crossing detection is detected.		
Remedial action: The alarm is raised when the related TCA threshold is crossed. Check min/max range of valid values for this TCA in order to clear the alarm.		

Table 3-780 TSefsPcs15Min

Alarm	Attributes	Applicable major releases
Name: TSefsPcs15Min (3498) Type: qualityOfServiceAlarm (82) Package: equipment Raised on class: equipment.PhysicalPort	Severity: variable Implicitly cleared: true Default probable cause: T_SEFS_PCS_15MIN (1327)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when Indicates a SEFS-PCS Threshold Crossing detection is detected.		
Remedial action: The alarm is raised when the related TCA threshold is crossed. Check min/max range of valid values for this TCA in order to clear the alarm.		

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Table 3-781 TSefsPcs1Day

Alarm	Attributes	Applicable major releases
Name: TSefsPcs1Day (3499) Type: qualityOfServiceAlarm (82) Package: equipment Raised on class: equipment.PhysicalPort	Severity: variable Implicitly cleared: true Default probable cause: T_SEFS_PCS_1DAY (1328)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when Indicates a SEFS-PCS Threshold Crossing detection is detected.		
Remedial action: The alarm is raised when the related TCA threshold is crossed. Check min/max range of valid values for this TCA in order to clear the alarm.		

Table 3-782 TSefsPcst15Min

Alarm	Attributes	Applicable major releases
Name: TSefsPcst15Min (3500) Type: qualityOfServiceAlarm (82) Package: equipment Raised on class: equipment.PhysicalPort	Severity: variable Implicitly cleared: true Default probable cause: T_SEFS_PCST_15MIN (1329)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when Indicates a SEFS-PCS Threshold Crossing detection is detected.		
Remedial action: The alarm is raised when the related TCA threshold is crossed. Check min/max range of valid values for this TCA in order to clear the alarm.		

Table 3-783 TSefsPcst1Day

Alarm	Attributes	Applicable major releases
Name: TSefsPcst1Day (3501) Type: qualityOfServiceAlarm (82) Package: equipment Raised on class: equipment.PhysicalPort	Severity: variable Implicitly cleared: true Default probable cause: T_SEFS_PCST_1DAY (1330)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when Indicates a SEFS-PCS Threshold Crossing detection is detected.		
Remedial action: The alarm is raised when the related TCA threshold is crossed. Check min/max range of valid values for this TCA in order to clear the alarm.		

Table 3-784 Tsefss15Min

Alarm	Attributes	Applicable major releases
Name: Tsefss15Min (3502) Type: qualityOfServiceAlarm (82) Package: equipment Raised on class: equipment.PhysicalPort	Severity: variable Implicitly cleared: true Default probable cause: T_SEFSS_15MIN (1331)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when Indicates a SEFS-S Threshold Crossing detection is detected.		
Remedial action: The alarm is raised when the related TCA threshold is crossed. Check min/max range of valid values for this TCA in order to clear the alarm.		

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Table 3-785 Tsefss1Day

Alarm	Attributes	Applicable major releases
Name: Tsefss1Day (3503) Type: qualityOfServiceAlarm (82) Package: equipment Raised on class: equipment.PhysicalPort	Severity: variable Implicitly cleared: true Default probable cause: T_SEFSS_1DAY (1332)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when Indicates a SEFS-S Threshold Crossing detection is detected.		
Remedial action: The alarm is raised when the related TCA threshold is crossed. Check min/max range of valid values for this TCA in order to clear the alarm.		

Table 3-786 Tsefsst15Min

Alarm	Attributes	Applicable major releases
Name: Tsefsst15Min (3504) Type: qualityOfServiceAlarm (82) Package: equipment Raised on class: equipment.PhysicalPort	Severity: variable Implicitly cleared: true Default probable cause: T_SEFSST_15MIN (1333)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when Indicates a SEFS-S Threshold Crossing detection is detected.		
Remedial action: The alarm is raised when the related TCA threshold is crossed. Check min/max range of valid values for this TCA in order to clear the alarm.		

Table 3-787 TSefsst1Day

Alarm	Attributes	Applicable major releases
Name: TSefsst1Day (3505) Type: qualityOfServiceAlarm (82) Package: equipment Raised on class: equipment.PhysicalPort	Severity: variable Implicitly cleared: true Default probable cause: T_SEFSST_1DAY (1334)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when Indicates a SEFS-S Threshold Crossing detection is detected.		
Remedial action: The alarm is raised when the related TCA threshold is crossed.Check min/max range of valid values for this TCA in order to clear the alarm.		

Table 3-788 TSes15Min

Alarm	Attributes	Applicable major releases
Name: TSes15Min (3506) Type: qualityOfServiceAlarm (82) Package: equipment Raised on class: equipment.PhysicalPort	Severity: variable Implicitly cleared: true Default probable cause: T_SES_15MIN (1335)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when Indicates a SES Threshold Crossing detection is detected.		
Remedial action: The alarm is raised when the related TCA threshold is crossed.Check min/max range of valid values for this TCA in order to clear the alarm.		

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Table 3-789 TSes1Day

Alarm	Attributes	Applicable major releases
Name: TSes1Day (3507) Type: qualityOfServiceAlarm (82) Package: equipment Raised on class: equipment.PhysicalPort	Severity: variable Implicitly cleared: true Default probable cause: T_SES_1DAY (1336)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when Indicates a SES Threshold Crossing detection is detected.		
Remedial action: The alarm is raised when the related TCA threshold is crossed. Check min/max range of valid values for this TCA in order to clear the alarm.		

Table 3-790 TSesL15Min

Alarm	Attributes	Applicable major releases
Name: TSesL15Min (3508) Type: qualityOfServiceAlarm (82) Package: equipment Raised on class: equipment.PhysicalPort	Severity: variable Implicitly cleared: true Default probable cause: T_SES_L_15MIN (1337)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when Indicates a SES-L Threshold Crossing detection is detected.		
Remedial action: The alarm is raised when the related TCA threshold is crossed. Check min/max range of valid values for this TCA in order to clear the alarm.		

Table 3-791 TSesL1Day

Alarm	Attributes	Applicable major releases
Name: TSesL1Day (3509) Type: qualityOfServiceAlarm (82) Package: equipment Raised on class: equipment.PhysicalPort	Severity: variable Implicitly cleared: true Default probable cause: T_SES_L_1DAY (1338)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when Indicates a SES-L Threshold Crossing detection is detected.		
Remedial action: The alarm is raised when the related TCA threshold is crossed.Check min/max range of valid values for this TCA in order to clear the alarm.		

Table 3-792 TSesMs15Min

Alarm	Attributes	Applicable major releases
Name: TSesMs15Min (3510) Type: qualityOfServiceAlarm (82) Package: equipment Raised on class: equipment.PhysicalPort	Severity: variable Implicitly cleared: true Default probable cause: T_SES_MS_15MIN (1339)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when Indicates a SES-MS Threshold Crossing detection is detected.		
Remedial action: The alarm is raised when the related TCA threshold is crossed.Check min/max range of valid values for this TCA in order to clear the alarm.		

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Table 3-793 TSesMs1Day

Alarm	Attributes	Applicable major releases
Name: TSesMs1Day (3511) Type: qualityOfServiceAlarm (82) Package: equipment Raised on class: equipment.PhysicalPort	Severity: variable Implicitly cleared: true Default probable cause: T_SES_MS_1DAY (1340)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when Indicates a SES-MS Threshold Crossing detection is detected.		
Remedial action: The alarm is raised when the related TCA threshold is crossed. Check min/max range of valid values for this TCA in order to clear the alarm.		

Table 3-794 TSesOdu15Min

Alarm	Attributes	Applicable major releases
Name: TSesOdu15Min (3512) Type: qualityOfServiceAlarm (82) Package: equipment Raised on class: equipment.PhysicalPort	Severity: variable Implicitly cleared: true Default probable cause: T_SES_ODU_15MIN (1341)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when Indicates a SES-ODU Threshold Crossing detection is detected.		
Remedial action: The alarm is raised when the related TCA threshold is crossed. Check min/max range of valid values for this TCA in order to clear the alarm.		

Table 3-795 TSesOdu1Day

Alarm	Attributes	Applicable major releases
Name: TSesOdu1Day (3513) Type: qualityOfServiceAlarm (82) Package: equipment Raised on class: equipment.PhysicalPort	Severity: variable Implicitly cleared: true Default probable cause: T_SES_ODU_1DAY (1342)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when Indicates a SES-ODU Threshold Crossing detection is detected.		
Remedial action: The alarm is raised when the related TCA threshold is crossed.Check min/max range of valid values for this TCA in order to clear the alarm.		

Table 3-796 TSesOtu15Min

Alarm	Attributes	Applicable major releases
Name: TSesOtu15Min (3514) Type: qualityOfServiceAlarm (82) Package: equipment Raised on class: equipment.PhysicalPort	Severity: variable Implicitly cleared: true Default probable cause: T_SES_OTU_15MIN (1343)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when Indicates a SES-OTU Threshold Crossing detection is detected.		
Remedial action: The alarm is raised when the related TCA threshold is crossed.Check min/max range of valid values for this TCA in order to clear the alarm.		

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Table 3-797 TSesOtu1Day

Alarm	Attributes	Applicable major releases
Name: TSesOtu1Day (3515) Type: qualityOfServiceAlarm (82) Package: equipment Raised on class: equipment.PhysicalPort	Severity: variable Implicitly cleared: true Default probable cause: T_SES_OTU_1DAY (1344)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when Indicates a SES-OTU Threshold Crossing detection is detected.		
Remedial action: The alarm is raised when the related TCA threshold is crossed. Check min/max range of valid values for this TCA in order to clear the alarm.		

Table 3-798 TSesP15Min

Alarm	Attributes	Applicable major releases
Name: TSesP15Min (3516) Type: qualityOfServiceAlarm (82) Package: equipment Raised on class: equipment.PhysicalPort	Severity: variable Implicitly cleared: true Default probable cause: T_SES_P_15MIN (1345)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when Indicates a SES-P Threshold Crossing detection is detected.		
Remedial action: The alarm is raised when the related TCA threshold is crossed. Check min/max range of valid values for this TCA in order to clear the alarm.		

Table 3-799 TSesP1Day

Alarm	Attributes	Applicable major releases
Name: TSesP1Day (3517) Type: qualityOfServiceAlarm (82) Package: equipment Raised on class: equipment.PhysicalPort	Severity: variable Implicitly cleared: true Default probable cause: T_SES_P_1DAY (1346)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when Indicates a SES-P Threshold Crossing detection is detected.		
Remedial action: The alarm is raised when the related TCA threshold is crossed.Check min/max range of valid values for this TCA in order to clear the alarm.		

Table 3-800 TSesPcs15Min

Alarm	Attributes	Applicable major releases
Name: TSesPcs15Min (3518) Type: qualityOfServiceAlarm (82) Package: equipment Raised on class: equipment.PhysicalPort	Severity: variable Implicitly cleared: true Default probable cause: T_SES_PCS_15MIN (1347)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when Indicates a SES-PCS Threshold Crossing detection is detected.		
Remedial action: The alarm is raised when the related TCA threshold is crossed.Check min/max range of valid values for this TCA in order to clear the alarm.		

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Table 3-801 TSesPcs1Day

Alarm	Attributes	Applicable major releases
Name: TSesPcs1Day (3519) Type: qualityOfServiceAlarm (82) Package: equipment Raised on class: equipment.PhysicalPort	Severity: variable Implicitly cleared: true Default probable cause: T_SES_PCS_1DAY (1348)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when Indicates a SES-PCS Threshold Crossing detection is detected.		
Remedial action: The alarm is raised when the related TCA threshold is crossed. Check min/max range of valid values for this TCA in order to clear the alarm.		

Table 3-802 TSesPcst15Min

Alarm	Attributes	Applicable major releases
Name: TSesPcst15Min (3520) Type: qualityOfServiceAlarm (82) Package: equipment Raised on class: equipment.PhysicalPort	Severity: variable Implicitly cleared: true Default probable cause: T_SES_PCST_15MIN (1349)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when Indicates a SES-PCS Threshold Crossing detection is detected.		
Remedial action: The alarm is raised when the related TCA threshold is crossed. Check min/max range of valid values for this TCA in order to clear the alarm.		

Table 3-803 TSesPcst1Day

Alarm	Attributes	Applicable major releases
Name: TSesPcst1Day (3521) Type: qualityOfServiceAlarm (82) Package: equipment Raised on class: equipment.PhysicalPort	Severity: variable Implicitly cleared: true Default probable cause: T_SES_PCST_1DAY (1350)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when Indicates a SES-PCS Threshold Crossing detection is detected.		
Remedial action: The alarm is raised when the related TCA threshold is crossed.Check min/max range of valid values for this TCA in order to clear the alarm.		

Table 3-804 TSesPt15Min

Alarm	Attributes	Applicable major releases
Name: TSesPt15Min (3522) Type: qualityOfServiceAlarm (82) Package: equipment Raised on class: equipment.PhysicalPort	Severity: variable Implicitly cleared: true Default probable cause: T_SES_PT_15MIN (1351)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when Indicates a SES-PT Threshold Crossing detection is detected.		
Remedial action: The alarm is raised when the related TCA threshold is crossed.Check min/max range of valid values for this TCA in order to clear the alarm.		

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Table 3-805 TSesPt1Day

Alarm	Attributes	Applicable major releases
Name: TSesPt1Day (3523) Type: qualityOfServiceAlarm (82) Package: equipment Raised on class: equipment.PhysicalPort	Severity: variable Implicitly cleared: true Default probable cause: T_SES_PT_1DAY (1352)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when Indicates a SES-PT Threshold Crossing detection is detected.		
Remedial action: The alarm is raised when the related TCA threshold is crossed. Check min/max range of valid values for this TCA in order to clear the alarm.		

Table 3-806 TSesRs15Min

Alarm	Attributes	Applicable major releases
Name: TSesRs15Min (3524) Type: qualityOfServiceAlarm (82) Package: equipment Raised on class: equipment.PhysicalPort	Severity: variable Implicitly cleared: true Default probable cause: T_SES_RS_15MIN (1353)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when Indicates a SES-RS Threshold Crossing detection is detected.		
Remedial action: The alarm is raised when the related TCA threshold is crossed. Check min/max range of valid values for this TCA in order to clear the alarm.		

Table 3-807 TSesRs1Day

Alarm	Attributes	Applicable major releases
Name: TSesRs1Day (3525) Type: qualityOfServiceAlarm (82) Package: equipment Raised on class: equipment.PhysicalPort	Severity: variable Implicitly cleared: true Default probable cause: T_SES_RS_1DAY (1354)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when Indicates a SES-RS Threshold Crossing detection is detected.		
Remedial action: The alarm is raised when the related TCA threshold is crossed.Check min/max range of valid values for this TCA in order to clear the alarm.		

Table 3-808 TSesRst15Min

Alarm	Attributes	Applicable major releases
Name: TSesRst15Min (3526) Type: qualityOfServiceAlarm (82) Package: equipment Raised on class: equipment.PhysicalPort	Severity: variable Implicitly cleared: true Default probable cause: T_SES_RST_15MIN (1355)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when Indicates a SES-RS Threshold Crossing detection is detected.		
Remedial action: The alarm is raised when the related TCA threshold is crossed.Check min/max range of valid values for this TCA in order to clear the alarm.		

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Table 3-809 TSesRst1Day

Alarm	Attributes	Applicable major releases
Name: TSesRst1Day (3527) Type: qualityOfServiceAlarm (82) Package: equipment Raised on class: equipment.PhysicalPort	Severity: variable Implicitly cleared: true Default probable cause: T_SES_RST_1DAY (1356)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when Indicates a SES-RS Threshold Crossing detection is detected.		
Remedial action: The alarm is raised when the related TCA threshold is crossed.Check min/max range of valid values for this TCA in order to clear the alarm.		

Table 3-810 TSess15Min

Alarm	Attributes	Applicable major releases
Name: TSess15Min (3528) Type: qualityOfServiceAlarm (82) Package: equipment Raised on class: equipment.PhysicalPort	Severity: variable Implicitly cleared: true Default probable cause: T_SESS_15MIN (1357)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when Indicates a SES-S Threshold Crossing detection is detected.		
Remedial action: The alarm is raised when the related TCA threshold is crossed.Check min/max range of valid values for this TCA in order to clear the alarm.		

Table 3-811 TSess1Day

Alarm	Attributes	Applicable major releases
Name: TSess1Day (3529) Type: qualityOfServiceAlarm (82) Package: equipment Raised on class: equipment.PhysicalPort	Severity: variable Implicitly cleared: true Default probable cause: T_SESS_1DAY (1358)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when Indicates a SES-S Threshold Crossing detection is detected.		
Remedial action: The alarm is raised when the related TCA threshold is crossed. Check min/max range of valid values for this TCA in order to clear the alarm.		

Table 3-812 TSesst15Min

Alarm	Attributes	Applicable major releases
Name: TSesst15Min (3530) Type: qualityOfServiceAlarm (82) Package: equipment Raised on class: equipment.PhysicalPort	Severity: variable Implicitly cleared: true Default probable cause: T_SESST_15MIN (1359)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when Indicates a SES-S Threshold Crossing detection is detected.		
Remedial action: The alarm is raised when the related TCA threshold is crossed. Check min/max range of valid values for this TCA in order to clear the alarm.		

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Table 3-813 TSesst1Day

Alarm	Attributes	Applicable major releases
Name: TSesst1Day (3531) Type: qualityOfServiceAlarm (82) Package: equipment Raised on class: equipment.PhysicalPort	Severity: variable Implicitly cleared: true Default probable cause: T_SESST_1DAY (1360)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when Indicates a SES-S Threshold Crossing detection is detected.		
Remedial action: The alarm is raised when the related TCA threshold is crossed. Check min/max range of valid values for this TCA in order to clear the alarm.		

Table 3-814 TSesTcm15Min

Alarm	Attributes	Applicable major releases
Name: TSesTcm15Min (4587) Type: qualityOfServiceAlarm (82) Package: equipment Raised on class: equipment.PhysicalPort	Severity: variable Implicitly cleared: true Default probable cause: T_SES_TCM_15MIN (1789)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when Indicates a SES-ODU-TCM NearEnd Threshold Crossing detection is detected.		
Remedial action: Please refer 1830 PSS Troubleshooting guide for detailed steps for corrective action.		

Table 3-815 TSesTcm1Day

Alarm	Attributes	Applicable major releases
Name: TSesTcm1Day (4588) Type: qualityOfServiceAlarm (82) Package: equipment Raised on class: equipment.PhysicalPort	Severity: variable Implicitly cleared: true Default probable cause: T_SES_TCM_1DAY (1790)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when Indicates a SES-ODU-TCM NearEnd Threshold Crossing detection is detected.		
Remedial action: Please refer 1830 PSS Troubleshooting guide for detailed steps for corrective action.		

Table 3-816 TsMismatch

Alarm	Attributes	Applicable major releases
Name: TsMismatch (4599) Type: communicationsAlarm (4) Package: equipment Raised on class: equipment.PhysicalPort	Severity: variable Implicitly cleared: true Default probable cause: TsMismatch (1802)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when Time Slot Assignment Mismatch is detected.		
Remedial action: 1 Check that the Client port on the Far End and Near End both have the same time slots. For CLI config interface cardname sh/sl/pt signal_rate timeslot For WEBUI On the Far End NE, Select the slot and client port of the card. Click the Time Slot tab. Select/de-select the appropriate time slots to match those selected on the Near End NE, and click Submit.		

Table 3-817 TsMismatchOut

Alarm	Attributes	Applicable major releases
Name: TsMismatchOut (4600) Type: communicationsAlarm (4) Package: equipment Raised on class: equipment.PhysicalPort	Severity: variable Implicitly cleared: true Default probable cause: TsMismatchOut (1803)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when Time Slot Assignment Mismatch OUT is detected.		
Remedial action: 1 Check that the Client port on the Far End and Near End both have the same time slots.For CLI config interface cardname sh/si/pt signal_rate timeslot For WEBUI On the Far End NE, Select the slot and client port of the card.Click the Time Slot tab.Select/de-select the appropriate time slots to match those selected on the Near End NE, and click Submit.		

Table 3-818 TUasMs15Min

Alarm	Attributes	Applicable major releases
Name: TUasMs15Min (3532) Type: qualityOfServiceAlarm (82) Package: equipment Raised on class: equipment.PhysicalPort	Severity: variable Implicitly cleared: true Default probable cause: T_UAS_MS_15MIN (1361)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when Indicates a UAS-MS Threshold Crossing detection is detected.		
Remedial action: The alarm is raised when the related TCA threshold is crossed.Check min/max range of valid values for this TCA in order to clear the alarm.		

Table 3-819 TUasMs1Day

Alarm	Attributes	Applicable major releases
Name: TUasMs1Day (3533) Type: qualityOfServiceAlarm (82) Package: equipment Raised on class: equipment.PhysicalPort	Severity: variable Implicitly cleared: true Default probable cause: T_UAS_MS_1DAY (1362)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when Indicates a UAS-MS Threshold Crossing detection is detected.		
Remedial action: The alarm is raised when the related TCA threshold is crossed.Check min/max range of valid values for this TCA in order to clear the alarm.		

Table 3-820 TUasOdu15Min

Alarm	Attributes	Applicable major releases
Name: TUasOdu15Min (3534) Type: qualityOfServiceAlarm (82) Package: equipment Raised on class: equipment.PhysicalPort	Severity: variable Implicitly cleared: true Default probable cause: T_UAS_ODU_15MIN (1363)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when Indicates a UAS-ODU Threshold Crossing detection is detected.		
Remedial action: The alarm is raised when the related TCA threshold is crossed.Check min/max range of valid values for this TCA in order to clear the alarm.		

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Table 3-821 TUasOdu1Day

Alarm	Attributes	Applicable major releases
Name: TUasOdu1Day (3535) Type: qualityOfServiceAlarm (82) Package: equipment Raised on class: equipment.PhysicalPort	Severity: variable Implicitly cleared: true Default probable cause: T_UAS_ODU_1DAY (1364)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when Indicates a UAS-ODU Threshold Crossing detection is detected.		
Remedial action: The alarm is raised when the related TCA threshold is crossed. Check min/max range of valid values for this TCA in order to clear the alarm.		

Table 3-822 TUasOtu15Min

Alarm	Attributes	Applicable major releases
Name: TUasOtu15Min (3536) Type: qualityOfServiceAlarm (82) Package: equipment Raised on class: equipment.PhysicalPort	Severity: variable Implicitly cleared: true Default probable cause: T_UAS_OTU_15MIN (1365)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when Indicates a UAS-OTU Threshold Crossing detection is detected.		
Remedial action: The alarm is raised when the related TCA threshold is crossed. Check min/max range of valid values for this TCA in order to clear the alarm.		

Table 3-823 TUasOtu1Day

Alarm	Attributes	Applicable major releases
Name: TUasOtu1Day (3537) Type: qualityOfServiceAlarm (82) Package: equipment Raised on class: equipment.PhysicalPort	Severity: variable Implicitly cleared: true Default probable cause: T_UAS_OTU_1DAY (1366)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when Indicates a UAS-OTU Threshold Crossing detection is detected.		
Remedial action: The alarm is raised when the related TCA threshold is crossed.Check min/max range of valid values for this TCA in order to clear the alarm.		

Table 3-824 TUasP15Min

Alarm	Attributes	Applicable major releases
Name: TUasP15Min (3538) Type: qualityOfServiceAlarm (82) Package: equipment Raised on class: equipment.PhysicalPort	Severity: variable Implicitly cleared: true Default probable cause: T_UAS_P_15MIN (1367)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when Indicates a UAS-P Threshold Crossing detection is detected.		
Remedial action: The alarm is raised when the related TCA threshold is crossed.Check min/max range of valid values for this TCA in order to clear the alarm.		

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Table 3-825 TUasP1Day

Alarm	Attributes	Applicable major releases
Name: TUasP1Day (3539) Type: qualityOfServiceAlarm (82) Package: equipment Raised on class: equipment.PhysicalPort	Severity: variable Implicitly cleared: true Default probable cause: T_UAS_P_1DAY (1368)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when Indicates a UAS-P Threshold Crossing detection is detected.		
Remedial action: The alarm is raised when the related TCA threshold is crossed.Check min/max range of valid values for this TCA in order to clear the alarm.		

Table 3-826 TUasPt15Min

Alarm	Attributes	Applicable major releases
Name: TUasPt15Min (3540) Type: qualityOfServiceAlarm (82) Package: equipment Raised on class: equipment.PhysicalPort	Severity: variable Implicitly cleared: true Default probable cause: T_UAS_PT_15MIN (1369)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when Indicates a UAS-PT Threshold Crossing detection is detected.		
Remedial action: The alarm is raised when the related TCA threshold is crossed.Check min/max range of valid values for this TCA in order to clear the alarm.		

Table 3-827 TUasPt1Day

Alarm	Attributes	Applicable major releases
Name: TUasPt1Day (3541) Type: qualityOfServiceAlarm (82) Package: equipment Raised on class: equipment.PhysicalPort	Severity: variable Implicitly cleared: true Default probable cause: T_UAS_PT_1DAY (1370)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when Indicates a UAS-PT Threshold Crossing detection is detected.		
Remedial action: The alarm is raised when the related TCA threshold is crossed.Check min/max range of valid values for this TCA in order to clear the alarm.		

Table 3-828 TUasRs15Min

Alarm	Attributes	Applicable major releases
Name: TUasRs15Min (3542) Type: qualityOfServiceAlarm (82) Package: equipment Raised on class: equipment.PhysicalPort	Severity: variable Implicitly cleared: true Default probable cause: T_UAS_RS_15MIN (1371)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when Indicates a UAS-RS Threshold Crossing detection is detected.		
Remedial action: The alarm is raised when the related TCA threshold is crossed.Check min/max range of valid values for this TCA in order to clear the alarm.		

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Table 3-829 TUasRs1Day

Alarm	Attributes	Applicable major releases
Name: TUasRs1Day (3543) Type: qualityOfServiceAlarm (82) Package: equipment Raised on class: equipment.PhysicalPort	Severity: variable Implicitly cleared: true Default probable cause: T_UAS_RS_1DAY (1372)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when Indicates a UAS-RS Threshold Crossing detection is detected.		
Remedial action: The alarm is raised when the related TCA threshold is crossed. Check min/max range of valid values for this TCA in order to clear the alarm.		

Table 3-830 TUasRst15Min

Alarm	Attributes	Applicable major releases
Name: TUasRst15Min (3544) Type: qualityOfServiceAlarm (82) Package: equipment Raised on class: equipment.PhysicalPort	Severity: variable Implicitly cleared: true Default probable cause: T_UAS_RST_15MIN (1373)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when Indicates a UAS-RS Threshold Crossing detection is detected.		
Remedial action: The alarm is raised when the related TCA threshold is crossed. Check min/max range of valid values for this TCA in order to clear the alarm.		

Table 3-831 TUasRst1Day

Alarm	Attributes	Applicable major releases
Name: TUasRst1Day (3545) Type: qualityOfServiceAlarm (82) Package: equipment Raised on class: equipment.PhysicalPort	Severity: variable Implicitly cleared: true Default probable cause: T_UAS_RST_1DAY (1374)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when Indicates a UAS-RS Threshold Crossing detection is detected.		
Remedial action: The alarm is raised when the related TCA threshold is crossed. Check min/max range of valid values for this TCA in order to clear the alarm.		

Table 3-832 TUasTcm15Min

Alarm	Attributes	Applicable major releases
Name: TUasTcm15Min (4589) Type: qualityOfServiceAlarm (82) Package: equipment Raised on class: equipment.PhysicalPort	Severity: variable Implicitly cleared: true Default probable cause: T_UAS_TCM_15MIN (1791)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when Indicates an UAS-ODU-TCM NearEnd Threshold Crossing detection is detected.		
Remedial action: Please refer 1830 PSS Troubleshooting guide for detailed steps for corrective action.		

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Table 3-833 TUasTcm1Day

Alarm	Attributes	Applicable major releases
Name: TUasTcm1Day (4590) Type: qualityOfServiceAlarm (82) Package: equipment Raised on class: equipment.PhysicalPort	Severity: variable Implicitly cleared: true Default probable cause: T_UAS_TCM_1DAY (1792)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when Indicates an UAS-ODU-TCM NearEnd Threshold Crossing detection is detected.		
Remedial action: Please refer 1830 PSS Troubleshooting guide for detailed steps for corrective action.		

Table 3-834 TunableLaserNotProvisioned

Alarm	Attributes	Applicable major releases
Name: TunableLaserNotProvisioned (2108) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.PhysicalPort	Severity: variable Implicitly cleared: true Default probable cause: PrcdrErr (1083)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when Tunable laser not provisioned is detected.		
Remedial action: Please refer section PRCDRERR in 1830 PSS Troubleshooting guide for detailed corrective action.		

Table 3-835 UnexpectedWaveKey

Alarm	Attributes	Applicable major releases
Name: UnexpectedWaveKey (4601) Type: communicationsAlarm (4) Package: equipment Raised on class: equipment.PhysicalPort	Severity: variable Implicitly cleared: true Default probable cause: OchUnknown (1084) Applicable probable causes: <ul style="list-style-type: none"> • OchUnknown • OchUnknownOut 	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when Channel unexpected is detected.		
Remedial action: Please refer OCHUNKNOWN (Channel Unexpected) in 1830 PSS Troubleshooting guide for detailed corrective action.		

Table 3-836 UnidentifiedNode

Alarm	Attributes	Applicable major releases
Name: UnidentifiedNode (1922) Type: communicationsAlarm (4) Package: netw Raised on class: netw.DiscoveredNode	Severity: major Implicitly cleared: true Default probable cause: unidentifiedNode (922)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when the node being discovered can not be properly identified.		
Raising condition: ('State' EQUAL 'Pending Identification')		
Clearing condition: ('State' NOT EQUAL 'Pending Identification')		
Remedial action: A configuration error has occurred that must be corrected. The eNodeB does not have a system name. The name can be configured by selecting the alarm, opening the associated properties form for the alarmed object and configuring the system name.		

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Table 3-837 UnitNotInserted

Alarm	Attributes	Applicable major releases
Name: UnitNotInserted (4966) Type: equipmentAlarm (3) Package: rmd Raised on class: rmd.Port	Severity: variable Implicitly cleared: true Default probable cause: RmdIfUNI (2021)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when the unit is not inserted in a RMD device of type cEDD. Applicable to customer ports only.		
Remedial action: Please refer 1830 PSS Troubleshooting guide for detailed steps for corrective action		

Table 3-838 UnknownWaveKeyForConnection

Alarm	Attributes	Applicable major releases
Name: UnknownWaveKeyForConnection (4602) Type: communicationsAlarm (4) Package: equipment Raised on class: equipment.PhysicalPort	Severity: variable Implicitly cleared: true Default probable cause: OchTrailUnknown (1805)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when Unknown OCH Trail for x-connect is detected.		
Remedial action: Please refer section OCHTRAILUNKNOWN (Unknown OCH Trail for x-connect) in 1830 PSS Troubleshooting guide for detailed corrective action.		

Table 3-839 UNL

Alarm	Attributes	Applicable major releases
Name: UNL (3975) Type: oamAlarm (18) Package: ethernetoam Raised on class: ethernetoam.Mep	Severity: variable Implicitly cleared: true Default probable cause: UNL (1552)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when a first CCM frame is received with incorrect MEG level.		
Remedial action: This alarm is raised when a MEP receives a first CCM frame with an incorrect MEG level.		

Table 3-840 UNM

Alarm	Attributes	Applicable major releases
Name: UNM (3976) Type: oamAlarm (18) Package: ethernetoam Raised on class: ethernetoam.Mep	Severity: variable Implicitly cleared: true Default probable cause: UNM (1553)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when a MEP receives a CCM frame with a correct MEG level or MEG ID, but unexpected MEP ID which includes the MEP's own MEP ID.		
Remedial action: This alarm is raised when a MEP receives a CCM frame with an unexpected MEP ID.		

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Table 3-841 UnmanageFailed

Alarm	Attributes	Applicable major releases
Name: UnmanageFailed (300) Type: discoveryControlAlarm (33) Package: netw Raised on class: netw.NodeDiscoveryControl	Severity: warning Implicitly cleared: true Default probable cause: unableToDeleteNode (231)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when an attempt to unmanage an NE fails.		
Raising condition: ('Site State' EQUAL 'Unmanage Failed')		
Clearing condition: ('Site State' NOT EQUAL 'Unmanage Failed')		
Remedial action: Informational - if the alarm persists please contact Alcatel-Lucent support for assistance		

Table 3-842 UnMOrUnP

Alarm	Attributes	Applicable major releases
Name: UnMOrUnP (3737) Type: communicationsAlarm (4) Package: equipment Raised on class: equipment.PhysicalPort	Severity: variable Implicitly cleared: true Default probable cause: UnMOrUnP (1475)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when Unexpected MEP id or periodicity is detected.		
Remedial action: Please refer 1830 PSS Troubleshooting guide for detailed steps for corrective action.		

Table 3-843 UNP

Alarm	Attributes	Applicable major releases
Name: UNP (3977) Type: oamAlarm (18) Package: ethernetoam Raised on class: ethernetoam.Mep	Severity: variable Implicitly cleared: true Default probable cause: UNP (1554)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when a MEP receives a CCM frame with a correct MEG level, a correct MEG ID, or a correct MEP ID, but with period field value different than MEP's own CCM transmission period.		
Remedial action: This alarm is raised when a MEP receives a CCM frame with period field value different than the MEP's own CCM transmission period.		

Table 3-844 UNPr

Alarm	Attributes	Applicable major releases
Name: UNPr (3978) Type: oamAlarm (18) Package: ethernetoam Raised on class: ethernetoam.Mep	Severity: variable Implicitly cleared: true Default probable cause: UNPr (1555)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when a MEP receives a CCM frame with a correct MEG level, a correct MEG ID, or a correct MEP ID, but with priority field value different than MEP's own CCM transmission priority.		
Remedial action: This alarm is raised when a MEP receives a CCM frame with priority field value different than the MEP's own CCM transmission priority.		

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Table 3-845 UpgradedBuildVersionMismatch

Alarm	Attributes	Applicable major releases
Name: UpgradedBuildVersionMismatch (174) Type: configurationAlarm (11) Package: netw Raised on class: netw.NetworkElement	Severity: warning Implicitly cleared: true Default probable cause: upgradedImageNotBooted (137)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when the software version that an NE reports after a software upgrade does not match the version of the software used for the upgrade.		
Raising condition: ('upgradedBuildVersionMismatch' EQUAL 'true')		
Clearing condition: ('upgradedBuildVersionMismatch' EQUAL 'false')		
Remedial action: Informational - if the alarm persists please contact Alcatel-Lucent support for assistance		

Table 3-846 upgradedCardAlarm

Alarm	Attributes	Applicable major releases
Name: upgradedCardAlarm (255) Type: softwareAlarm (19) Package: equipment Raised on class: equipment.Card	Severity: warning Implicitly cleared: true Default probable cause: upgradedCard (194)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when the standby CPM is rebooted and operational after a software upgrade. A device resets an IOM automatically after 120 minutes if the IOM is not manually reset after a CPM upgrade.		
Raising condition: ('operationalState' EQUAL 'Upgrade')		
Clearing condition: ('operationalState' EQUAL 'Up')		
Remedial action: Informational - no corrective action required.		

Table 3-847 UruOchLos

Alarm	Attributes	Applicable major releases
Name: UruOchLos (3547) Type: communicationsAlarm (4) Package: equipment Raised on class: equipment.PhysicalPort	Severity: variable Implicitly cleared: true Default probable cause: UruOchLos (1377)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when Underlying resource unavailable - OCH-LOS is detected.		
Remedial action: Perform corrective action as described in LOS - Loss of Signal		

Table 3-848 UruOmsRx

Alarm	Attributes	Applicable major releases
Name: UruOmsRx (3548) Type: communicationsAlarm (4) Package: equipment Raised on class: equipment.PhysicalPort	Severity: variable Implicitly cleared: true Default probable cause: UruOmsRx (1378)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when Underlying resource unavailable - OMS-RX is detected.		
Remedial action: This alarm indicates that there is an active LOSCWSIG alarm at the Sig In port of an CWR8, CWR8-88 or WR8-88 card. For corrective action please refer 1830 PSS Maintenance and Trouble-Clearing User Guide.		

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Table 3-849 UruOmsTx

Alarm	Attributes	Applicable major releases
Name: UruOmsTx (3920) Type: communicationsAlarm (4) Package: equipment Raised on class: equipment.PhysicalPort	Severity: variable Implicitly cleared: true Default probable cause: UruOmsTx (1504)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when Underlying resource unavailable - OMS-TX is detected.		
Remedial action: Informational - no corrective action required.		

Table 3-850 UruOtsLos

Alarm	Attributes	Applicable major releases
Name: UruOtsLos (3549) Type: communicationsAlarm (4) Package: equipment Raised on class: equipment.PhysicalPort	Severity: variable Implicitly cleared: true Default probable cause: UruOtsLos (1379)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when Underlying Resource unavailable - OTS-LOS is detected.		
Remedial action: For corrective action please refer 1830 PSS Maintenance and Trouble-Clearing User Guide.		

Table 3-851 UruOtsRx

Alarm	Attributes	Applicable major releases
Name: UruOtsRx (3550) Type: communicationsAlarm (4) Package: equipment Raised on class: equipment.PhysicalPort	Severity: variable Implicitly cleared: true Default probable cause: UruOtsRx (1380)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when Underlying resource unavailable - OTS-RX is detected.		
Remedial action: Please follow the below steps to clear this alarm: 1. Retrieve the list of current alarms and conditions on the network element. 2. Perform corrective action as described in the appropriate LOS alarm trouble-clearing procedure at the alarmed port other than the network facing LINE/LINEIN port.		

Table 3-852 UruOtsTx

Alarm	Attributes	Applicable major releases
Name: UruOtsTx (3551) Type: communicationsAlarm (4) Package: equipment Raised on class: equipment.PhysicalPort	Severity: variable Implicitly cleared: true Default probable cause: UruOtsTx (1381)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when Underlying resource unavailable - OTS-TX is detected.		
Remedial action: Please follow the below steps to clear this alarm: 1. Retrieve the list of current alarms and conditions on the network element. 2. Perform corrective action as described in the appropriate LOS alarm trouble-clearing procedure at the alarmed port other than the network facing LINE/LINEIN port.		

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Table 3-853 UruOtu

Alarm	Attributes	Applicable major releases
Name: UruOtu (3552) Type: communicationsAlarm (4) Package: equipment Raised on class: equipment.PhysicalPort	Severity: variable Implicitly cleared: true Default probable cause: UruOtu (1382)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when Underlying resource unavailable - port is detected.		
Remedial action: Perform corrective action as described in LOS - Loss of Signal at the LINE/LINEIN port.		

Table 3-854 UruS

Alarm	Attributes	Applicable major releases
Name: UruS (3553) Type: communicationsAlarm (4) Package: equipment Raised on class: equipment.CardSlot	Severity: variable Implicitly cleared: true Default probable cause: UruS (1383)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when Underlying resource unavailable - card is detected.		
Remedial action: This alarm indicates that an I/O card or server card has failed, and as a result one or more OTU port are affected. Please follow the below steps to clear this alarm: 1. According to your needs, a. delete(deprovision) the I/O card. b. insert the correct I/O card into the slot. c. replace the respective failed I/O card. 2. Refresh the list of current alarms, if the alarm persist contact next level of technical support for assistance.		

Table 3-855 UserEqptMismatch

Alarm	Attributes	Applicable major releases
Name: UserEqptMismatch (4603) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.PhysicalPort	Severity: variable Implicitly cleared: true Default probable cause: UserEqptMismatch (1806)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when User equipment configuration mismatch is detected.		
Remedial action: Please refer 1830 PSS Troubleshooting guide for detailed steps for corrective action.		

Table 3-856 UserPayloadMismatch

Alarm	Attributes	Applicable major releases
Name: UserPayloadMismatch (4604) Type: communicationsAlarm (4) Package: equipment Raised on class: equipment.PhysicalPort	Severity: variable Implicitly cleared: true Default probable cause: Upm (1807)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when GFP User Payload Mismatch is detected.		
Remedial action: 1 Locate the OT with the UPM defect. Verify the encapsulation mode value.2 Locate the OT at the opposite end of the link. Ensure that the provisioning for the encapsulation mode parameter is the same for each OT.		

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Table 3-857 UserPayloadMismatchOut

Alarm	Attributes	Applicable major releases
Name: UserPayloadMismatchOut (5507) Type: communicationsAlarm (4) Package: equipment Raised on class: equipment.PhysicalPort	Severity: variable Implicitly cleared: true Default probable cause: GfpUpm (1985) Applicable probable causes: <ul style="list-style-type: none"> • GfpUpm • GFPUPM 	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when Outgoing GFP User Payload Mismatch .		
Remedial action: Please refer 1830 PSS Troubleshooting guide for detailed steps for corrective action.		

Table 3-858 VcatLossOfAlignment

Alarm	Attributes	Applicable major releases
Name: VcatLossOfAlignment (4605) Type: communicationsAlarm (4) Package: equipment Raised on class: equipment.PhysicalPort	Severity: variable Implicitly cleared: true Default probable cause: VcgLoa (1808)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when VCG Loss of alignment is detected.		
Remedial action: This alarm indicates that a loss of alignment has occurred in the virtual concatenation. Please follow the below steps to clear this alarm: 1. Verify the end-to-end path of the 11STMM10 circuit to ensure that the card reporting the alarm is connected to a 11STMM10 on the far end. A possible cause of this alarm is if the card is connected to another valid OC-48 signal generated by a test set or SONET interface, but which does not include two GFP encapsulated 1 GbE signals. Perform a warm card reset of the 11STMM10 reporting the alarm. 2. Perform a warm reset of the far end 11STMM10 that is connected to the 11STMM10 reporting the alarm. 3. Perform a cold reset of the far end 11STMM10 that is connected to the 11STMM10 reporting the alarm. 4. Reset the card of the far end 11STMM10 that is connected to the 11STMM10 reporting the alarm. 5. Replace the 11STMM10 reporting the alarm. For Detailed steps Please refer 1830 PSS Maintenance and Trouble-Clearing User Guide.		

Table 3-859 VcgServerSignalFailure

Alarm	Attributes	Applicable major releases
Name: VcgServerSignalFailure (4606) Type: communicationsAlarm (4) Package: equipment Raised on class: equipment.PhysicalPort	Severity: variable Implicitly cleared: true Default probable cause: VcgSsf (1809)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when VCG Server Signal Failure is detected.		
Remedial action: This alarm indicates that the OT has detected a VCG Server Signal Failure. This rare condition is raised when the time slots are incorrect. To clear this alarm, verify that the time slot information on the 11STMM10 line port and ODU1 are correctly provisioned on each end of the optical link. If not, use the following CLI commands to ensure timeslots are provisioned the same: Config interface 11STMM10 shelf slot/C{1-10} 1gbe timeslot line 1-4 Config interface 11stmm10 shelf slot/C{1-10} 1gbe timeslot vts 0 or 1,4,7,10,13,16,19,22,25,28,31,34,37,40,43,46		

Table 3-860 VersionConfigRestoreFailed

Alarm	Attributes	Applicable major releases
Name: VersionConfigRestoreFailed (536) Type: configurationAlarm (11) Package: sw Raised on class: sw.BackupRestoreManager	Severity: major Implicitly cleared: true Default probable cause: versionMismatch (405)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when the restore procedure on an NE fails because of a mismatch between the backup file set version and the NE software version.		
Raising condition: ('lastNmsVersionRestoreState' EQUAL 'Failure')		
Clearing condition: ('lastNmsVersionRestoreState' EQUAL 'Success')		
Remedial action: The backup files being restored do not match with the version of node software release. Download a new copy of the SW image to the NE. If the problem persists contact Alcatel-Lucent support for assistance.		

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Table 3-861 VoltageHigh

Alarm	Attributes	Applicable major releases
Name: VoltageHigh (3554) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.CardSlot	Severity: variable Implicitly cleared: true Default probable cause: VoltageHigh (1384)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when High Input Voltage Defect is detected.		
Remedial action: 1. Using a DC voltmeter, measure the power going to the shelf and verify that it is within the accepted limits for proper operation (-48 to -52 volts). 2. Perform a warm reset on the Equipment Controller that is raising the PWR condition. 3. Perform a cold reset on the Equipment Controller that is raising the PWR condition. 4. Reseat the Equipment Controller that is raising the PWR condition. 5. Replace the Equipment Controller that is raising the PWR condition. Follow the return and repair process to return the card to an authorized repair center for replacement.		

Table 3-862 VoltageLow

Alarm	Attributes	Applicable major releases
Name: VoltageLow (3555) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.CardSlot	Severity: variable Implicitly cleared: true Default probable cause: VoltageLow (1385)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when VBatt magnitude below nominal range is detected.		
Remedial action: 1. Check the breakers for the alarmed shelf and verify that they are ON. 2. Using a DC voltmeter, measure the power going to the shelf and verify that it is within the accepted limits for proper operation (-48 to -52 volts). 3. Perform a warm reset on the Equipment Controller that is raising the PWR condition. 4. Perform a cold reset on the Equipment Controller that is raising the PWR condition. 5. Reseat the Equipment Controller that is raising the PWR condition. 6. Replace the Equipment Controller that is raising the PWR condition. Follow the return and repair process to return the card to an authorized repair center for replacement.		

Table 3-863 VtsForwardDefectIndication

Alarm	Attributes	Applicable major releases
Name: VtsForwardDefectIndication (4607) Type: communicationsAlarm (4) Package: equipment Raised on class: equipment.PhysicalPort	Severity: variable Implicitly cleared: true Default probable cause: VTSFDI1 (1810) Applicable probable causes: <ul style="list-style-type: none"> • VTSFDI1 • VTSFDI2 • VTSFDI3 • VTSFDI4 • VTSFDI5 • VTSFDI6 • VTSFDI7 • VTSFDI8 • VTSFDI9 • VTSFDI10 • VTSFDI11 • VTSFDI12 • VTSFDI13 • VTSFDI14 • VTSFDI15 • VTSFDI16 • VTSFDI17 • VTSFDI18 • VTSFDI19 • VTSFDI20 • VTSFDI21 • VTSFDI22 • VTSFDI23 • VTSFDI24 • VTSFDI25 • VTSFDI26 • VTSFDI27 • VTSFDI28 • VTSFDI29 • VTSFDI30 • VTSFDI31 • VTSFDI32 • VTSFDI 	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when VTS Forward Defect Indication is detected.		
Remedial action: This alarm is raised when a problem has occurred upstream that causes an APS/PCC failure indication on the Virtual Time Slot[n] received by the 11DPE12/11DPE12E. Please follow the below steps to clear this alarm(At the end of each step wait to see if the fault clears. If not proceed with the next step): 1. Check the alarms/conditions along the OCh trail. 2. Identify the farthest upstream alarm/condition relative to the far end OTU2 port or client GBE port. 3. Check the OTU2 line port and client GBE port. 4. Follow the procedure for clearing identified alarm condition.		

Table 3-864 VtsOpenConnectionIndication

Alarm	Attributes	Applicable major releases
<p>Name: VtsOpenConnectionIndication (4608) Type: communicationsAlarm (4) Package: equipment Raised on class: equipment.PhysicalPort</p>	<p>Severity: variable Implicitly cleared: true Default probable cause: VTSOCI1 (1843) Applicable probable causes:</p> <ul style="list-style-type: none"> • VTSOCI1 • VTSOCI2 • VTSOCI3 • VTSOCI4 • VTSOCI5 • VTSOCI6 • VTSOCI7 • VTSOCI8 • VTSOCI9 • VTSOCI10 • VTSOCI11 • VTSOCI12 • VTSOCI13 • VTSOCI14 • VTSOCI15 • VTSOCI16 • VTSOCI17 • VTSOCI18 • VTSOCI19 • VTSOCI20 • VTSOCI21 • VTSOCI22 • VTSOCI23 • VTSOCI24 • VTSOCI25 • VTSOCI26 • VTSOCI27 • VTSOCI28 • VTSOCI29 • VTSOCI30 • VTSOCI31 • VTSOCI32 • VTSOCI 	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
<p>Description: The alarm is raised when VTS Open Connection Indication is detected.</p>		
<p>Remedial action: This alarm is raised when the downstream 11DPE12/11DPE12E OT receives an APS/PCC message indicating an OCI from the upstream OT. This alarm is raised at the downstream OT on the Virtual Time Slot[n] which has an established connection. To clear this alarm, check the upstream 11DPE12/11DPE12E OT for any alarms/conditions on any VTS[n] with electrical connections. This will cause the OT to send an OCI message for the relevant VTS[n] to the downstream OT. An electrical connection is a provisioned connection from the VTS[n] to a GbE client port or another line VTS. If such an alarm is present, go to the procedure for clearing OCI alarms to clear the VTSOCI alarm at the downstream 11DPE12/11DPE12E OT.</p>		

Table 3-865 WaveKeyInsertionFailure

Alarm	Attributes	Applicable major releases
Name: WaveKeyInsertionFailure (4609) Type: communicationsAlarm (4) Package: equipment Raised on class: equipment.PhysicalPort	Severity: variable Implicitly cleared: true Default probable cause: Mod (1876)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when Card degrade - wavelength tracker channel id insertion is detected.		
Remedial action: Please refer 1830 PSS Troubleshooting guide for detailed steps for corrective action.		

Table 3-866 WaveKeyOverlap

Alarm	Attributes	Applicable major releases
Name: WaveKeyOverlap (2117) Type: communicationsAlarm (4) Package: equipment Raised on class: equipment.PhysicalPort	Severity: variable Implicitly cleared: true Default probable cause: OchKeyOverlap (1877)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when Wave Key overlap is detected.		
Remedial action: 1. Perform the procedure Path Power Trace to identify the endpoints of the service for the particular alarmed channel. 2. List the cross connects that currently exist on the endpoint NEs and identify the cross connects involved with the alarmed power trace. 3. Rekey the associated connections identified in Step 2.		

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Table 3-867 WavelengthTrackerEncodeDegrade

Alarm	Attributes	Applicable major releases
Name: WavelengthTrackerEncodeDegrade (2121) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.PhysicalPort	Severity: variable Implicitly cleared: true Default probable cause: MtcesurvDgr (1386)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when Port Degrade - wavelength tracker encode degrade is detected.		
Remedial action: Please refer section MTCESURVDGR (Port degrade - wavelength tracker encode degrade) in 1830 PSS Troubleshooting guide.		

Table 3-868 WavelengthTrackerFailure

Alarm	Attributes	Applicable major releases
Name: WavelengthTrackerFailure (4610) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.PhysicalPort	Severity: variable Implicitly cleared: true Default probable cause: Contr (1878) Applicable probable causes: <ul style="list-style-type: none"> • Contr • ContrOut 	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when Port degrade - wavelength tracker detection failure is detected.		
Remedial action: 1 Perform a warm reset of the card.2 Perform a cold reset of the card.3 Reseat the Card.4 Replace the Card. Action update pending.For Details Refer Procedure : Clear Port degrade - wavelength tracker communication failure in 1830 Troubleshooting guide.		

Table 3-869 WrongCpaaSoftwareVersion

Alarm	Attributes	Applicable major releases
Name: WrongCpaaSoftwareVersion (791) Type: equipmentAlarm (3) Package: netw Raised on class: netw.NetworkElement	Severity: critical Implicitly cleared: true Default probable cause: wrongCpaaSoftwareVersion (559)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when the 7701 CPAA software is the wrong version and requires an upgrade.		
Raising condition: (('Software Version' EQUAL '\TIMOS-B-3.0.Generic \') AND ('Chassis Type' EQUAL '7701 CPAA'))		
Clearing condition: (('Software Version' NOT EQUAL '\TIMOS-B-3.0.Generic \') AND ('Chassis Type' EQUAL '7701 CPAA'))		
Remedial action: The SW version of the CPAA must be upgraded to the version compatible with CPAM version.		

Table 3-870 WrongDevicePresent

Alarm	Attributes	Applicable major releases
Name: WrongDevicePresent (4967) Type: equipmentAlarm (3) Package: rmd Raised on class: rmd.Device	Severity: variable Implicitly cleared: true Default probable cause: RmdWDP (2022)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when there is an incorrect device found.		
Remedial action: Please ensure that the configure device type of the RMD is correct.		

Table 3-871 WrongUnitInserted

Alarm	Attributes	Applicable major releases
Name: WrongUnitInserted (4968) Type: equipmentAlarm (3) Package: rmd Raised on class: rmd.Port	Severity: variable Implicitly cleared: true Default probable cause: RmdIfWUP (2023)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when the wrong unit is inserted in a RMD device of type cEDD. Applicable to both customer and network ports.		
Remedial action: Please refer 1830 PSS Troubleshooting guide for detailed steps for corrective action		

Table 3-872 WtocmaOsnrOomr

Alarm	Attributes	Applicable major releases
Name: WtocmaOsnrOomr (4611) Type: communicationsAlarm (4) Package: equipment Raised on class: equipment.PhysicalPort	Severity: variable Implicitly cleared: true Default probable cause: WTOCMA_OSNROOMR (1880)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: The alarm is raised when Channel OSNR is out of valid measurement range is detected.		
Remedial action: The Channel OSNR is out of valid measurement range alarm is cleared automatically at the end of first complete interval during which the updated measuring OSNR value is in the valid measuring range (from 10dB to 25dB).		

Table 3-873 WTR

Alarm	Attributes	Applicable major releases
Name: WTR (3927) Type: equipmentAlarm (3) Package: optical Raised on class: optical.LineReference	Severity: variable Implicitly cleared: true Default probable cause: Wtr (1513)	<ul style="list-style-type: none"> • 2.3 • 2.5 • 3.0 • 3.5 • 3.6 • 5.0 • 5.1 • 5.5 • 6.0 • 7.0
Description: Switching applications - Set on working path of an SNCP when switching is revertive and effects have cleared on the working path and the Wait-to-Restore timer is in effect. \nPhotonic applications - The OT port has detected WTR at the LINEREF layer. A LINEREF detects WTR when on a timing reference and defects have cleared and the Wait to Restore timer is in effect. .		
Remedial action: Check the reference status.		

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Note — Some alarms that the 5620 SAM can raise against this device may not be listed in this chapter. Associating alarms with specific NE types is an ongoing Alcatel-Lucent effort. If the 5620 SAM raises an alarm against this device type, and the alarm is not described in this chapter, see chapter 41 for information about the alarm.

Table 4-1 ActiveAbnormalCondition

Alarm	Attributes	Applicable major releases
Name: ActiveAbnormalCondition (3938) Type: activeAbnormalConditionAlarm (116) Package: netw Raised on class: netw.NetworkElement	Severity: major Implicitly cleared: true Default probable cause: ActiveAbnormalConditionState (1520)	<ul style="list-style-type: none"> • 6.0 • 7.0
Description: The alarm is an indication for abnormal condition on NE.		
Raising condition: ('abnormalCondition' EQUAL 'true')		
Clearing condition: ('abnormalCondition' EQUAL 'false')		
Remedial action: This alarm is raised when there is a abnormal state indication on NE.		

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Table 4-2 ActiveFailedCrossConnectionProblem

Alarm	Attributes	Applicable major releases
Name: ActiveFailedCrossConnectionProblem (8213) Type: communicationsAlarm (4) Package: gmpls Raised on class: gmpls.SubnetworkConnection	Severity: warning Implicitly cleared: true Default probable cause: ActiveFailedCrossConnectionProblem (2561)	<ul style="list-style-type: none"> • 6.0 • 7.0
Description: The alarm is raised when the active route of a control plane service (with a protection type of SBR, GR, or PRC) has failed due to a cross-connection problem. As a result, the system tries to establish a backup path in order to reroute the traffic.		
Remedial action: Not Available.		

Table 4-3 ActiveFailedEndpointFailure

Alarm	Attributes	Applicable major releases
Name: ActiveFailedEndpointFailure (8214) Type: communicationsAlarm (4) Package: gmpls Raised on class: gmpls.SubnetworkConnection	Severity: warning Implicitly cleared: true Default probable cause: ActiveFailedEndpointFailure (2562)	<ul style="list-style-type: none"> • 6.0 • 7.0
Description: The alarm is raised when SNC drop port(s) at A-End and/or Z-End has a transmission alarm.		
Remedial action: Not Available.		

Table 4-4 ActiveFailedPreemption

Alarm	Attributes	Applicable major releases
Name: ActiveFailedPreemption (8215) Type: communicationsAlarm (4) Package: gmpls Raised on class: gmpls.SubnetworkConnection	Severity: warning Implicitly cleared: true Default probable cause: ActiveFailedPreemption (2563)	<ul style="list-style-type: none"> • 6.0 • 7.0
Description: The alarm is raised when the active route of a control plane service (with a protection type of SBR, GR, or PRC) has been preempted by another control plane service with a higher priority. As a result, the system tries to establish a backup path for the preempted service.		
Remedial action: Not Available.		

Table 4-5 ActiveFailedTransmissionProblem

Alarm	Attributes	Applicable major releases
Name: ActiveFailedTransmissionProblem (8216) Type: communicationsAlarm (4) Package: gmpls Raised on class: gmpls.SubnetworkConnection	Severity: warning Implicitly cleared: true Default probable cause: ActiveFailedTransmissionProblem (2564)	<ul style="list-style-type: none"> • 6.0 • 7.0
Description: The alarm is raised when the active route of a control plane service (with a protection type of SBR, GR, or PRC) has failed due to a transmission problem. As a result, the system tries to establish a backup path in order to reroute the traffic.		
Remedial action: Not Available.		

Table 4-6 ActiveFailedUnprotected

Alarm	Attributes	Applicable major releases
Name: ActiveFailedUnprotected (8217) Type: communicationsAlarm (4) Package: gmpls Raised on class: gmpls.SubnetworkConnection	Severity: warning Implicitly cleared: true Default probable cause: ActiveFailedUnprotected (2565)	<ul style="list-style-type: none"> • 6.0 • 7.0
Description: The alarm is raised an unprotected LSP has failed.		
Remedial action: Not Available.		

Table 4-7 ActiveLoopback

Alarm	Attributes	Applicable major releases
Name: ActiveLoopback (8074) Type: communicationsAlarm (4) Package: optical Raised on class: optical.OpticalPortSpecifics	Severity: variable Implicitly cleared: true Default probable cause: ACTLPBK (2476)	<ul style="list-style-type: none"> • 6.0 • 7.0
Description: The alarm is raised when the associated facility has a loopback activated at the near end.		
Remedial action: The associated facility has a loopback activated at the near end.		

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Table 4-8 AddPowerControlFailure

Alarm	Attributes	Applicable major releases
Name: AddPowerControlFailure (4422) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.PhysicalPort	Severity: variable Implicitly cleared: true Default probable cause: Mtcssurv (1586) Applicable probable causes: <ul style="list-style-type: none"> • Mtcssurv • MTCESURV 	<ul style="list-style-type: none"> • 6.0 • 7.0
Description: The alarm is raised when Add power control failure is detected.		
Remedial action: Please refer 1830 PSS Troubleshooting guide for detailed steps for corrective action.		

Table 4-9 AggregatedVFLPortDown

Alarm	Attributes	Applicable major releases
Name: AggregatedVFLPortDown (5436) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.Shelf	Severity: critical Implicitly cleared: true Default probable cause: connectivityIssue (2137)	<ul style="list-style-type: none"> • 6.0 • 7.0
Description: The alarm is generated when the aggregated virtual fabric link on the virtual chassis slot is down.		
Raising condition: (('Shelf Type' EQUAL '7850') AND ('Total Slots' EQUAL '4') AND ('Virtual Fabric Link State' NOT EQUAL 'Up'))		
Clearing condition: (('Shelf Type' EQUAL '7850') AND ('Total Slots' EQUAL '4') AND ('Virtual Fabric Link State' EQUAL 'Up'))		
Remedial action: The alarm is raised when the aggregated virtual fabric link on the virtual chassis is down. Please check the virtual fabric links for the virtual chassis setup.		

Table 4-10 AGWDiameterPeerDown

Alarm	Attributes	Applicable major releases
Name: AGWDiameterPeerDown (844) Type: EpcAlarm (59) Package: Ite Raised on class: Ite.AGWDiameterPeer	Severity: variable Implicitly cleared: true Default probable cause: EPSPeerDown (602)	<ul style="list-style-type: none"> • 6.0 • 7.0
Description: The alarm is raised when the path management state of a Diameter peer changes to a state other than Up.		
Raising condition: ('Path Diameter Management State' NOT EQUAL 'Active')		
Clearing condition: ('Path Diameter Management State' EQUAL 'Active')		
Remedial action: A Ga reference point (peer) is operationally down for one of the following reasons: the underlying IP or physical interface is down, the far end peer is down or the underlying transport between this NE and the peer NE is down. To resolve the issue ensure that the IP/physical interface is up, check that the far end peer is operational and check that the underlying transport network is up.		

Table 4-11 AlarmIndicationSignal

Alarm	Attributes	Applicable major releases
Name: AlarmIndicationSignal (8075) Type: communicationsAlarm (4) Package: optical Raised on class: optical.OpticalPortSpecifics	Severity: variable Implicitly cleared: true Default probable cause: AIS (2477)	<ul style="list-style-type: none"> • 6.0 • 7.0
Description: The alarm is raised when Alarm Indication Signal detected.		
Remedial action: Alarm Indication Signal detected.		

Table 4-12 ApplPersonelAttnRequired

Alarm	Attributes	Applicable major releases
Name: ApplPersonelAttnRequired (5602) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.Shelf	Severity: variable Implicitly cleared: true Default probable cause: APPLPAN (2355)	<ul style="list-style-type: none"> • 6.0 • 7.0
Description: The alarm is raised when application on a circuit pack needs personal assistance.		
Remedial action: Application on Circuitpack needs personal assistance.Details Please See User Manual		

Table 4-13 ApsSwitchedToWork

Alarm	Attributes	Applicable major releases
Name: ApsSwitchedToWork (1977) Type: communicationsAlarm (4) Package: equipment Raised on class: equipment.PhysicalPort	Severity: variable Implicitly cleared: true Default probable cause: WkSwBk (962)	<ul style="list-style-type: none"> • 6.0 • 7.0
Description: The alarm is raised when Automatic switch to working is detected.		
Remedial action: Please refer section WKSWBK (Automatic switch to working) in 1830 PSS Troubleshooting guide for detailed corrective action.		

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Table 4-14 ApsWorkingForceSwitchedBackToWorking

Alarm	Attributes	Applicable major releases
Name: ApsWorkingForceSwitchedBackToWorking (4432) Type: communicationsAlarm (4) Package: equipment Raised on class: equipment.PhysicalPort	Severity: variable Implicitly cleared: true Default probable cause: FrcdWkSwBk (1603) Applicable probable causes: <ul style="list-style-type: none"> • FrcdWkSwBk • FrcdWkSwBkVTS1 • FrcdWkSwBkVTS2 • FrcdWkSwBkVTS3 • FrcdWkSwBkVTS4 • FrcdWkSwBkVTS5 • FrcdWkSwBkVTS6 • FrcdWkSwBkVTS7 • FrcdWkSwBkVTS8 • FrcdWkSwBkVTS9 • FrcdWkSwBkVTS10 	<ul style="list-style-type: none"> • 6.0 • 7.0
Description: The alarm is raised when Forced switch to working is detected.		
Remedial action: Please refer 1830 PSS Troubleshooting guide for detailed steps for corrective action.		

Table 4-15 ApsWorkingForceSwitchedToProtect

Alarm	Attributes	Applicable major releases
Name: ApsWorkingForceSwitchedToProtect (4433) Type: communicationsAlarm (4) Package: equipment Raised on class: equipment.PhysicalPort	Severity: variable Implicitly cleared: true Default probable cause: FrcdWkSwPr (1614) Applicable probable causes: <ul style="list-style-type: none"> • FrcdWkSwPr • FrcdWkSwPrVTS1 • FrcdWkSwPrVTS2 • FrcdWkSwPrVTS3 • FrcdWkSwPrVTS4 • FrcdWkSwPrVTS6 • FrcdWkSwPrVTS7 • FrcdWkSwPrVTS8 • FrcdWkSwPrVTS9 • FrcdWkSwPrVTS10 	<ul style="list-style-type: none"> • 6.0 • 7.0
Description: The alarm is raised when Forced switch to protection is detected.		
Remedial action: Please refer 1830 PSS Troubleshooting guide for detailed steps for corrective action.		

Table 4-16 ApsWorkingManualSwitchedBackToWorking

Alarm	Attributes	Applicable major releases
Name: ApsWorkingManualSwitchedBackToWorking (4434) Type: communicationsAlarm (4) Package: equipment Raised on class: equipment.PhysicalPort	Severity: variable Implicitly cleared: true Default probable cause: ManWkSwBk (1624) Applicable probable causes: <ul style="list-style-type: none"> • ManWkSwBk • ManWkSwBkVTS1 • ManWkSwBkVTS2 • ManWkSwBkVTS3 • ManWkSwBkVTS4 • ManWkSwBkVTS5 • ManWkSwBkVTS6 • ManWkSwBkVTS7 • ManWkSwBkVTS8 • ManWkSwBkVTS9 • ManWkSwBkVTS10 	<ul style="list-style-type: none"> • 6.0 • 7.0
Description: The alarm is raised when Manual switch to working is detected.		
Remedial action: Please refer 1830 PSS Troubleshooting guide for detailed steps for corrective action.		

Table 4-17 ApsWorkingManualSwitchedToProtect

Alarm	Attributes	Applicable major releases
Name: ApsWorkingManualSwitchedToProtect (4435) Type: communicationsAlarm (4) Package: equipment Raised on class: equipment.PhysicalPort	Severity: variable Implicitly cleared: true Default probable cause: ManWkSwPr (1635) Applicable probable causes: <ul style="list-style-type: none"> • ManWkSwPr • ManWkSwPrVTS1 • ManWkSwPrVTS2 • ManWkSwPrVTS3 • ManWkSwPrVTS4 • ManWkSwPrVTS5 • ManWkSwPrVTS6 • ManWkSwPrVTS7 • ManWkSwPrVTS8 • ManWkSwPrVTS9 • ManWkSwPrVTS10 	<ul style="list-style-type: none"> • 6.0 • 7.0
Description: The alarm is raised when Manual switch to protection is detected.		
Remedial action: Please refer 1830 PSS Troubleshooting guide for detailed steps for corrective action.		

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Table 4-18 ApsWorkingSwitchedToProtect

Alarm	Attributes	Applicable major releases
Name: ApsWorkingSwitchedToProtect (4436) Type: communicationsAlarm (4) Package: equipment Raised on class: equipment.PhysicalPort	Severity: variable Implicitly cleared: true Default probable cause: WkSwPr (1646) Applicable probable causes: <ul style="list-style-type: none"> • WkSwPr • WkSwPrVTS1 • WkSwPrVTS2 • WkSwPrVTS3 • WkSwPrVTS4 • WkSwPrVTS5 • WkSwPrVTS6 • WkSwPrVTS7 • WkSwPrVTS8 • WkSwPrVTS9 • WkSwPrVTS10 	<ul style="list-style-type: none"> • 6.0 • 7.0
Description: The alarm is raised when Automatic switch to protection is detected.		
Remedial action: Please refer 1830 PSS Troubleshooting guide for detailed steps for corrective action.		

Table 4-19 AreaTypeMismatch

Alarm	Attributes	Applicable major releases
Name: AreaTypeMismatch (38) Type: configurationAlarm (11) Package: ospf Raised on class: ospf.Area	Severity: warning Implicitly cleared: true Default probable cause: areaTypeMisconfigured (34)	<ul style="list-style-type: none"> • 6.0 • 7.0
Description: The alarm is raised when an OSPF area on one NE is configured as an NSSA and the same OSPF area on another NE is configured as a stub area.		
Raising condition: ('Type Mismatch' EQUAL 'true')		
Clearing condition: ('Type Mismatch' EQUAL 'false')		
Remedial action: A configuration error has been made which must be corrected. The OSPF area type configured for the NE does not match with the same OSPF area configured on another NE. Compare the configuration on the endpoint and correct the mismatch.		

Table 4-20 AssymmetricalLANConnection

Alarm	Attributes	Applicable major releases
Name: AssymmetricalLANConnection (5603) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.Shelf	Severity: variable Implicitly cleared: true Default probable cause: LANASYM (2356)	<ul style="list-style-type: none"> • 6.0 • 7.0

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Alarm	Attributes	Applicable major releases
Description: The alarm is raised when Shelf LAN Cables are asymmetrical connected.		
Remedial action: Check the LAN Connection		

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Table 4-21 AutomaticInService

Alarm	Attributes	Applicable major releases
Name: AutomaticInService (8076) Type: communicationsAlarm (4) Package: optical Raised on class: optical.OpticalPortSpecifics	Severity: variable Implicitly cleared: true Default probable cause: AINS (2478)	<ul style="list-style-type: none"> • 6.0 • 7.0
Description: The alarm is raised when Automatic in Service State detected.		
Remedial action: Automatic in Service State.		

Table 4-22 AuxiliaryServerStatus

Alarm	Attributes	Applicable major releases
Name: AuxiliaryServerStatus (311) Type: communicationsAlarm (4) Package: server Raised on class: server.AuxiliaryServer	Severity: critical Implicitly cleared: true Default probable cause: systemFailed (144)	<ul style="list-style-type: none"> • 6.0 • 7.0
Description: The alarm is raised when a 5620 SAM main server cannot communicate with an auxiliary server. The alarm clears when communication is restored.		
Raising condition: ('Server Status' EQUAL 'Down')		
Clearing condition: ('Server Status' EQUAL 'Up')		
Remedial action: Informational - if the alarm persists or is occurring frequently then investigation is required to understand why the connectivity between the AUX and SAM servers is unreliable.		

Table 4-23 BackupUnavailable

Alarm	Attributes	Applicable major releases
Name: BackupUnavailable (8218) Type: communicationsAlarm (4) Package: gmpIs Raised on class: gmpIs.SubnetworkConnection	Severity: warning Implicitly cleared: true Default probable cause: BackupUnavailable (2566)	<ul style="list-style-type: none"> • 6.0 • 7.0
Description: The alarm is raised when there is no inactive backup path is available. In case of failures, SBR will be used. This alarm is only relevant for LSPs with GR service type.		

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Alarm	Attributes	Applicable major releases
Remedial action: Not Available.		

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Table 4-24 BackwardDefectIndication

Alarm	Attributes	Applicable major releases
Name: BackwardDefectIndication (4444) Type: communicationsAlarm (4) Package: equipment Raised on class: equipment.PhysicalPort	Severity: variable Implicitly cleared: true Default probable cause: Bdi (1664) Applicable probable causes: <ul style="list-style-type: none"> • Bdi • BdiOdu • BackwardDefectIndicationEgress • BDIS 	<ul style="list-style-type: none"> • 6.0 • 7.0
Description: The alarm is raised when Backward Defect Indication - OTU is detected.		
Remedial action: Please refer 1830 PSS Troubleshooting guide for detailed steps for corrective action.		

Table 4-25 BackwardDefectIndicationEgress

Alarm	Attributes	Applicable major releases
Name: BackwardDefectIndicationEgress (4914) Type: communicationsAlarm (4) Package: equipment Raised on class: equipment.PhysicalPort	Severity: variable Implicitly cleared: true Default probable cause: BackwardDefectIndicationEgress (1666) Applicable probable causes: <ul style="list-style-type: none"> • BackwardDefectIndicationEgress • BDIP 	<ul style="list-style-type: none"> • 6.0 • 7.0
Description: The alarm is raised when Backward Defect Indication Egress - ODU .		
Remedial action: Please refer 1830 PSS Troubleshooting guide for detailed steps for corrective action.		

Table 4-26 BootableConfigBackupFailed

Alarm	Attributes	Applicable major releases
Name: BootableConfigBackupFailed (103) Type: configurationAlarm (11) Package: sw Raised on class: sw.BackupRestoreManager	Severity: major Implicitly cleared: true Default probable cause: fileTransferFailure (89)	<ul style="list-style-type: none"> • 6.0 • 7.0
Description: The alarm is raised when the 5620 SAM fails to back up a set of NE configuration files.		

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Alarm	Attributes	Applicable major releases
Raising condition: ('Backup State' EQUAL 'Failure')		
Clearing condition: ('Backup State' EQUAL 'Success')		
Remedial action: Investigation is required to resolve the following possible scenarios: insufficient disk space is available to accommodate the NE configuration files (additional SAM platform alarms will accompany this alarm); the NE is unreachable (including underlying transport network issue); loss of connectivity to the NE during transfer; the FTP daemon on the NE may have stopped; FTP security credential issues.		

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Table 4-27 BootableConfigRestoreFailed

Alarm	Attributes	Applicable major releases
Name: BootableConfigRestoreFailed (104) Type: configurationAlarm (11) Package: sw Raised on class: sw.BackupRestoreManager	Severity: major Implicitly cleared: true Default probable cause: fileTransferFailure (89)	<ul style="list-style-type: none"> • 6.0 • 7.0
Description: The alarm is raised when the 5620 SAM fails to restore a set of NE configuration files.		
Raising condition: ('Restore State' EQUAL 'Failure')		
Clearing condition: ('Restore State' EQUAL 'Success')		
Remedial action: Investigation is required to resolve the following possible scenarios: the NE is unreachable (including underlying transport network issue); loss of connectivity to the NE during transfer; the FTP daemon on the NE may have stopped; FTP security credential issues.		

Table 4-28 BootParametersMisconfigured

Alarm	Attributes	Applicable major releases
Name: BootParametersMisconfigured (35) Type: configurationAlarm (11) Package: netw Raised on class: netw.NetworkElement	Severity: critical Implicitly cleared: true Default probable cause: persistentIndexFailure (30) Applicable probable causes: <ul style="list-style-type: none"> • persistentIndexFailure • configFileBootFailure 	<ul style="list-style-type: none"> • 6.0 • 7.0
Description: The alarm is raised when the SNMP Index Boot Status on an NE is not set to Persistent.		
Raising condition: (('isGenericNode' EQUAL 'false') AND ('State' NOT EQUAL 'Pre-provisioned') AND (((('Config File Status' NOT EQUAL 'Executed Successfully') AND ('Config File Status' NOT EQUAL 'configFileStatus_unspecified')) OR (('Persistent Index Status' NOT EQUAL 'Rebuild Succeeded') AND ('Persistent Index Status' NOT EQUAL 'persistentIndexStatus_unspecified'))))		
Clearing condition: (('Config File Status' EQUAL 'Executed Successfully') AND ('Persistent Index Status' EQUAL 'Rebuild Succeeded'))		
Remedial action: Ensure that "SNMP Index Boot Status" is persistent (using cli command "show system information" on the NE). If not, unmanage the network element from SAM, ensure that "persist on" is set in the bof file, save the bof, save a config file, verify that an index file (.ndx) is saved as well, reboot the router, verify that SNMP Index Boot Status is persistent and finally remanage the router from SAM.		

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Table 4-29 ClientDelegateServerStatus

Alarm	Attributes	Applicable major releases
Name: ClientDelegateServerStatus (731) Type: communicationsAlarm (4) Package: server Raised on class: server.ClientDelegateServer	Severity: critical Implicitly cleared: true Default probable cause: systemFailed (144)	<ul style="list-style-type: none"> • 6.0 • 7.0
Description: The alarm is raised when a client delegate server is unreachable.		
Raising condition: ('Server Status' EQUAL 'Down')		
Clearing condition: ('Server Status' EQUAL 'Up')		
Remedial action: Informational - if the alarm persists or is occurring frequently then investigation is required to understand why the connectivity between the client delegate platform and SAM servers is unreliable or the client delegate server itself is unreliable.		

Table 4-30 ColorViolation (gmpls)

Alarm	Attributes	Applicable major releases
Name: ColorViolation (5562) Type: communicationsAlarm (4) Package: gmpls Raised on class: gmpls.SubnetworkConnection	Severity: warning Implicitly cleared: true Default probable cause: ColorViolation (2293)	<ul style="list-style-type: none"> • 6.0 • 7.0
Description: The alarm is raised when the nominal route of the LSP breaks the color constraints regarding the specified include or exclude colors.		
Remedial action: Not Available.		

Table 4-31 CommunicationLoss

Alarm	Attributes	Applicable major releases
Name: CommunicationLoss (5605) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.CardSlot	Severity: variable Implicitly cleared: true Default probable cause: CONTCOMFLC (2360) Applicable probable causes: <ul style="list-style-type: none"> • CONTCOMFLC • CONTCOMMTX • CONTCOMQ1 • CONTCOMQ2 • CONTCOMQ3 • CONTCOMQ4 	<ul style="list-style-type: none"> • 6.0 • 7.0
Description: The alarm is raised when Inter Card Communication Failure .		
Remedial action: Communication Loss happened interconnected Shelf/Circuitpack		

Table 4-32 ContainingEquipmentAdministrativelyDown

Alarm	Attributes	Applicable major releases
Name: ContainingEquipmentAdministrativelyDown (466) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.Port	Severity: minor Implicitly cleared: true Default probable cause: containingEquipmentAdministrativelyDown (330)	<ul style="list-style-type: none"> • 6.0 • 7.0
Description: The alarm is raised when the compositeEquipmentState attribute has a value of containingEquipmentAdministrativelyDown.		
Raising condition: (('Status' EQUAL 'Parent Admin Down') AND ('isTerminatable' EQUAL 'true'))		
Clearing condition: (('Status' NOT EQUAL 'Parent Admin Down') OR ('isTerminatable' NOT EQUAL 'true'))		
Remedial action: Informational - no corrective action required.		

Table 4-33 ContainingEquipmentMismatch

Alarm	Attributes	Applicable major releases
Name: ContainingEquipmentMismatch (464) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.Port	Severity: major Implicitly cleared: true Default probable cause: containingEquipmentMismatch (328)	<ul style="list-style-type: none"> • 6.0 • 7.0
Description: The alarm is raised when the compositeEquipmentState attribute has a value of containingEquipmentMismatch.		
Raising condition: (('Status' EQUAL 'Parent Type Mismatch') AND ('isTerminatable' EQUAL 'true'))		
Clearing condition: (('Status' NOT EQUAL 'Parent Type Mismatch') OR ('isTerminatable' NOT EQUAL 'true'))		
Remedial action: A configuration error has occurred which must be corrected. The card type configured for the slot identified in the alarm must match the installed card type.		

Table 4-34 ContainingEquipmentOperationallyDown

Alarm	Attributes	Applicable major releases
Name: ContainingEquipmentOperationallyDown (465) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.Port	Severity: major Implicitly cleared: true Default probable cause: containingEquipmentDown (329)	<ul style="list-style-type: none"> • 6.0 • 7.0
Description: The alarm is raised when the compositeEquipmentState attribute has a value of containingEquipmentOperationallyDown.		
Raising condition: (('Status' EQUAL 'Parent Oper Down') AND ('isTerminatable' EQUAL 'true'))		
Clearing condition: (('Status' NOT EQUAL 'Parent Oper Down') OR ('isTerminatable' NOT EQUAL 'true'))		

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Alarm	Attributes	Applicable major releases
Remedial action: The operational state of the equipment element indicated in the alarm is down. This may be due to the element's administrative state or it may indicate that the element has failed.		

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Table 4-35 CorruptImageFile

Alarm	Attributes	Applicable major releases
Name: CorruptImageFile (171) Type: configurationAlarm (11) Package: mediation Raised on class: mediation.AbstractSoftwareFolderDescriptor	Severity: critical Implicitly cleared: true Default probable cause: invalidOrCorruptImageFile (134)	<ul style="list-style-type: none"> • 6.0 • 7.0
Description: The alarm is raised when one or more files in the 5620 SAM software image specified for a device software upgrade is invalid, corrupt or absent. The 5620 SAM validates a device software file set before it imports the file set and distributes it to an NE. Ensure that the file set downloads properly to the NE and is not tampered with before you re-attempt the upgrade. The alarm clears when a valid file set is on the NE and the 5620 SAM activates the software image in the file set.		
Raising condition: ('isImageValid' EQUAL 'false')		
Clearing condition: ('isImageValid' EQUAL 'true')		
Remedial action: The existing SW image in the SAM database should be replaced with an image that is known to be complete and valid.		

Table 4-36 CriticalTemperatureDetected

Alarm	Attributes	Applicable major releases
Name: CriticalTemperatureDetected (5606) Type: environmentalAlarm (2) Package: equipment Raised on class: equipment.Shelf	Severity: variable Implicitly cleared: true Default probable cause: CRITICALTEMP (2366)	<ul style="list-style-type: none"> • 6.0 • 7.0
Description: The alarm is raised when the temperature exceeded Critical Threshold.		
Remedial action: The NE has detected internal temperatures which are above critical. This could be caused by a failed fan unit or one or more dirty fan filters. Replacing the failed unit or filters should resolve the problem. Alternately the environment that the NE is operating in may not be within specifications found in the NE user guides.		

Table 4-37 CsfGfpOut

Alarm	Attributes	Applicable major releases
Name: CsfGfpOut (4458) Type: communicationsAlarm (4) Package: equipment Raised on class: equipment.PhysicalPort	Severity: variable Implicitly cleared: true Default probable cause: CsfGfpOut (1682) Applicable probable causes: <ul style="list-style-type: none"> • CsfGfpOut • GFPCSF 	<ul style="list-style-type: none"> • 6.0 • 7.0
Description: The alarm is raised when Outgoing Client Signal Fail detected on the GFP is detected.		
Remedial action: Refer Procedure: Clear Client Signal Failure (GFP) in 1830 PSS Troubleshooting guide.		

Table 4-38 CsfOduOut

Alarm	Attributes	Applicable major releases
Name: CsfOduOut (4459) Type: communicationsAlarm (4) Package: equipment Raised on class: equipment.PhysicalPort	Severity: variable Implicitly cleared: true Default probable cause: CsfOduOut (1683) Applicable probable causes: <ul style="list-style-type: none"> • CsfOduOut • ODUCSF 	<ul style="list-style-type: none"> • 6.0 • 7.0
Description: The alarm is raised when Outgoing Client Signal Fail detected on the ODU is detected.		
Remedial action: Please refer 1830 PSS Troubleshooting guide for detailed steps for corrective action.		

Table 4-39 DatabaseBackup

Alarm	Attributes	Applicable major releases
Name: DatabaseBackup (8063) Type: equipmentAlarm (3) Package: netw Raised on class: netw.NetworkElement	Severity: variable Implicitly cleared: true Default probable cause: DBBACKUP (2464)	<ul style="list-style-type: none"> • 6.0 • 7.0
Description: The alarm is raised when database backup is running.		
Remedial action: Database backup is running.		

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Table 4-40 DatabaseBackupFailure

Alarm	Attributes	Applicable major releases
Name: DatabaseBackupFailure (8064) Type: equipmentAlarm (3) Package: netw Raised on class: netw.NetworkElement	Severity: variable Implicitly cleared: true Default probable cause: DBF (2465)	<ul style="list-style-type: none"> • 6.0 • 7.0
Description: The alarm is raised when creation of local backup database failed.		
Remedial action: Creation of local backup database failed.		

Table 4-41 DatabaseRestore

Alarm	Attributes	Applicable major releases
Name: DatabaseRestore (8065) Type: equipmentAlarm (3) Package: netw Raised on class: netw.NetworkElement	Severity: variable Implicitly cleared: true Default probable cause: DBRESTORE (2466)	<ul style="list-style-type: none"> • 6.0 • 7.0
Description: The alarm is raised when database restore is running.		
Remedial action: Database restore is running.		

Table 4-42 DatabaseRestoreFailure

Alarm	Attributes	Applicable major releases
Name: DatabaseRestoreFailure (8066) Type: equipmentAlarm (3) Package: netw Raised on class: netw.NetworkElement	Severity: variable Implicitly cleared: true Default probable cause: DRF (2467)	<ul style="list-style-type: none"> • 6.0 • 7.0
Description: The alarm is raised when restoration of local backup database failed.		
Remedial action: Restoration of local backup database failed.		

Table 4-43 downgradedCardAlarm

Alarm	Attributes	Applicable major releases
Name: downgradedCardAlarm (256) Type: softwareAlarm (19) Package: equipment Raised on class: equipment.Card	Severity: warning Implicitly cleared: true Default probable cause: downgradedCard (195)	<ul style="list-style-type: none"> • 6.0 • 7.0

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Alarm	Attributes	Applicable major releases
Description: The alarm is raised when an IOM is not upgraded or reset after a device software upgrade of both CPMs. A device resets an IOM automatically after 120 minutes if the IOM is not manually reset after a CPM upgrade.		
Raising condition: ('operationalState' EQUAL 'Downgrade')		
Clearing condition: ('operationalState' EQUAL 'Up')		
Remedial action: Informational - no corrective action required.		

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Table 4-44 DPRDegraded

Alarm	Attributes	Applicable major releases
Name: DPRDegraded (8219) Type: communicationsAlarm (4) Package: gmpls Raised on class: gmpls.CPNode	Severity: warning Implicitly cleared: true Default probable cause: DPRDegraded (2567)	<ul style="list-style-type: none"> • 6.0 • 7.0
Description: The alarm is raised when the OSPF routing protocol, which is used for data plane routing (DPR) between the adjacent nodes, is not fully operational.		
Remedial action: Not Available.		

Table 4-45 DPRDown

Alarm	Attributes	Applicable major releases
Name: DPRDown (8220) Type: communicationsAlarm (4) Package: gmpls Raised on class: gmpls.CPNode	Severity: major Implicitly cleared: true Default probable cause: DPRDown (2568)	<ul style="list-style-type: none"> • 6.0 • 7.0
Description: The alarm is raised when the communication to the adjacent node for OSPF data plane routing is not working.		
Remedial action: Not Available.		

Table 4-46 DPRNetworkVersionMismatch

Alarm	Attributes	Applicable major releases
Name: DPRNetworkVersionMismatch (8221) Type: communicationsAlarm (4) Package: gmpls Raised on class: gmpls.CPNode	Severity: warning Implicitly cleared: true Default probable cause: DPRNetworkVersionMismatch (2569)	<ul style="list-style-type: none"> • 6.0 • 7.0
Description: The alarm is raised when the GMRE active network version of the adjacent node does not match the active network version of the local node.		

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Alarm	Attributes	Applicable major releases
Remedial action: Not Available.		

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Table 4-47 DuplexImpaired

Alarm	Attributes	Applicable major releases
Name: DuplexImpaired (8373) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.CardSlot	Severity: minor Implicitly cleared: true Default probable cause: DXIMPAIRED (2598)	<ul style="list-style-type: none"> • 6.0 • 7.0
Description: The FLC or MTX EQP group in the main or extension shelf has a group state unequal to NOR EQ (being either degraded by equipment failures or forced by commands or recovery/alignment pending or in simplex operation) .		
Remedial action: This alarm indicates that the FLC or MTX EQP group in the main or extension shelf has a group state unequal to NOR EQ (being either degraded by equipment failures or forced by commands or recovery/alignment pending or in simplex operation)		

Table 4-48 DuplicateShelfId

Alarm	Attributes	Applicable major releases
Name: DuplicateShelfId (5607) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.Shelf	Severity: variable Implicitly cleared: true Default probable cause: DUPSHELFID (2369)	<ul style="list-style-type: none"> • 6.0 • 7.0
Description: The alarm is raised when there are two or more extension shelves with same Shelf ID		
Remedial action: Remove the Shelf and Reconfigure with correct Id.		

Table 4-49 Ebero

Alarm	Attributes	Applicable major releases
Name: Ebero (3348) Type: communicationsAlarm (4) Package: equipment Raised on class: equipment.PhysicalPort	Severity: variable Implicitly cleared: true Default probable cause: EBERO (1181) Applicable probable causes: <ul style="list-style-type: none"> • EBERO • EBER 	<ul style="list-style-type: none"> • 6.0 • 7.0
Description: The alarm is raised when Optical supervision channel excessive BER is detected.		
Remedial action: Please refer 1830 PSS Troubleshooting guide for detailed steps for corrective action.		

Table 4-50 EOCFailure

Alarm	Attributes	Applicable major releases
Name: EOCFailure (8077) Type: communicationsAlarm (4) Package: optical Raised on class: optical.NetworkInterface	Severity: variable Implicitly cleared: true Default probable cause: EOC (2479)	<ul style="list-style-type: none"> • 6.0 • 7.0
Description: The alarm is raised when Embedded Operations Channel failure occurs and no adjacencies are formed.		
Remedial action: Please refer EOC in 1830 PSS Troubleshooting guide for detailed corrective procedure.		

Table 4-51 EquipmentAdministrativelyDown

Alarm	Attributes	Applicable major releases
Name: EquipmentAdministrativelyDown (455) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.Equipment	Severity: minor Implicitly cleared: true Default probable cause: equipmentAdministrativelyDown (326)	<ul style="list-style-type: none"> • 6.0 • 7.0
Description: The alarm is raised when the compositeEquipmentState attribute has a value of equipmentAdministrativelyDown.		
Raising condition: ('compositeEquipmentState' EQUAL 'Admin Down')		
Clearing condition: ('compositeEquipmentState' NOT EQUAL 'Admin Down')		
Remedial action: Informational - no corrective action required.		

Table 4-52 EquipmentDown

Alarm	Attributes	Applicable major releases
Name: EquipmentDown (10) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.Equipment	Severity: major Implicitly cleared: true Default probable cause: inoperableEquipment (8)	<ul style="list-style-type: none"> • 6.0 • 7.0
Description: The alarm is raised when the compositeEquipmentState attribute has a value of equipmentOperationallyDown.		
Raising condition: ('compositeEquipmentState' EQUAL 'Oper Down')		
Clearing condition: ('compositeEquipmentState' NOT EQUAL 'Oper Down')		
Remedial action: This alarm indicates that a card in the NE has failed. The card must be replaced.		

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Table 4-53 EquipmentFailure

Alarm	Attributes	Applicable major releases
Name: EquipmentFailure (145) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.ReplaceableUnit	Severity: critical Implicitly cleared: true Default probable cause: cardFailure (123)	<ul style="list-style-type: none"> • 6.0 • 7.0
Description: The alarm is raised when a control processor or power-supply tray reports a failure. When the object type is ControlProcessor, a CPM may be unable to boot. When the object type is Power Supply Tray and the alarm is raised during device discovery, a power-supply tray may be out of service. When the object type is a Power Supply Tray and the device is in the managed state, a power-supply tray may be out of service or the AC power shelf has a fault condition. The alarm clears when the status changes to OK.		
Raising condition: ('operationalState' EQUAL 'Failed')		
Clearing condition: ('operationalState' NOT EQUAL 'Failed')		
Remedial action: If the alarm indicates that the CPM card has a fault, remove the card and reset it. If this does not clear the alarm then please contact Alcatel-Lucent support for assistance. If the alarm indicates that the Power Supply tray is out of service ensure that the NE is properly connected to power. If the problem persists please contact Alcatel-Lucent support for assistance.		

Table 4-54 EquipmentInTest

Alarm	Attributes	Applicable major releases
Name: EquipmentInTest (11) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.Equipment	Severity: warning Implicitly cleared: true Default probable cause: equipmentInTest (9)	<ul style="list-style-type: none"> • 6.0 • 7.0
Description: The alarm is raised when equipment enters a diagnostic state.		
Raising condition: ('compositeEquipmentState' EQUAL 'In Test')		
Clearing condition: ('compositeEquipmentState' NOT EQUAL 'In Test')		
Remedial action: Informational - no corrective action required.		

Table 4-55 EquipmentMismatch

Alarm	Attributes	Applicable major releases
Name: EquipmentMismatch (9) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.Equipment	Severity: major Implicitly cleared: true Default probable cause: equipmentTypeMismatch (7)	<ul style="list-style-type: none"> • 6.0 • 7.0
Description: The alarm is raised when the compositeEquipmentState attribute has a value of equipmentMismatch.		
Raising condition: ('compositeEquipmentState' EQUAL 'Type Mismatch')		
Clearing condition: ('compositeEquipmentState' NOT EQUAL 'Type Mismatch')		

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Alarm	Attributes	Applicable major releases
Remedial action: A configuration error has occurred which must be corrected. The card type configured for the slot identified in the alarm must match the installed card type.		

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Table 4-56 EquipmentRemovalWhenNoProtection

Alarm	Attributes	Applicable major releases
Name: EquipmentRemovalWhenNoProtection (5608) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.Shelf	Severity: variable Implicitly cleared: true Default probable cause: MAN (2371)	<ul style="list-style-type: none"> • 6.0 • 7.0
Description: The alarm is raised when Logical Removal of Equipment where no protection mate is available.		
Remedial action: Reconfigure the Main Circuitpack		

Table 4-57 EquipmentRemoved

Alarm	Attributes	Applicable major releases
Name: EquipmentRemoved (8) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.Equipment	Severity: major Implicitly cleared: true Default probable cause: replaceableEquipmentRemoved (6)	<ul style="list-style-type: none"> • 6.0 • 7.0
Description: The alarm is raised when the compositeEquipmentState attribute has a value of equipmentMissing.		
Raising condition: (((('isEquipped' EQUAL 'false') OR ('compositeEquipmentState' EQUAL 'Removed')) AND ('isEquipmentInserted' EQUAL 'true'))		
Clearing condition: (('compositeEquipmentState' NOT EQUAL 'Removed') AND ('isEquipped' EQUAL 'true'))		
Remedial action: Informational - this alarm is raised when a card is removed.		

Table 4-58 ExtensionHeaderMismatchGFP

Alarm	Attributes	Applicable major releases
Name: ExtensionHeaderMismatchGFP (8110) Type: communicationsAlarm (4) Package: oth Raised on class: oth.Oduk	Severity: variable Implicitly cleared: true Default probable cause: GFPEXM (2507)	<ul style="list-style-type: none"> • 6.0 • 7.0
Description: The alarm is raised when Extension Header Mismatch on the ODUPTF detected. Always Service affecting.		
Remedial action: Extension Header Mismatch on the ODUPTF.		

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Table 4-59 ExternalLANFailure

Alarm	Attributes	Applicable major releases
Name: ExternalLANFailure (8078) Type: communicationsAlarm (4) Package: optical Raised on class: optical.ControlNetworkSpecifics	Severity: variable Implicitly cleared: true Default probable cause: EXTLANFAIL (2480)	<ul style="list-style-type: none"> • 6.0 • 7.0
Description: The alarm is raised when Link down on an external LAN interface (management LAN or shelf interconnection LAN) is detected.		
Remedial action: Link down on an external LAN interface (management LAN or shelf interconnection LAN).		

Table 4-60 FacilityManualRemoval

Alarm	Attributes	Applicable major releases
Name: FacilityManualRemoval (8079) Type: communicationsAlarm (4) Package: optical Raised on class: optical.OpticalPortSpecifics	Severity: variable Implicitly cleared: true Default probable cause: MAN (2371)	<ul style="list-style-type: none"> • 6.0 • 7.0
Description: The alarm is raised when related facility is manually taken out of service while it has condition on it.		
Remedial action: Related facility is manually taken out of service.		

Table 4-61 FailureOfProtocolInconsistent

Alarm	Attributes	Applicable major releases
Name: FailureOfProtocolInconsistent (8111) Type: communicationsAlarm (4) Package: oth Raised on class: oth.Oduk	Severity: variable Implicitly cleared: true Default probable cause: FOPINCON (2508)	<ul style="list-style-type: none"> • 6.0 • 7.0
Description: The alarm is raised when the received APS protocol is not stable.		
Remedial action: Failure Of Protocol - Inconsistent.		

Table 4-62 FailureOfProtocolNoResponse

Alarm	Attributes	Applicable major releases
Name: FailureOfProtocolNoResponse (8112) Type: communicationsAlarm (4) Package: oth Raised on class: oth.Oduk	Severity: variable Implicitly cleared: true Default probable cause: FOPNR (2509)	<ul style="list-style-type: none"> • 6.0 • 7.0
Description: The alarm is raised when detected protocol interaction problem from comparing the Entity ID fields of the transmitted and the received APS protocol.		
Remedial action: Failure Of Protocol - No Response.		

Table 4-63 FailureOfProtocolOperationMismatch

Alarm	Attributes	Applicable major releases
Name: FailureOfProtocolOperationMismatch (8113) Type: communicationsAlarm (4) Package: oth Raised on class: oth.Oduk	Severity: variable Implicitly cleared: true Default probable cause: FOPOM (2510)	<ul style="list-style-type: none"> • 6.0 • 7.0
Description: The alarm is raised when detected protocol provisioning mismatch from comparing R bits (" revertive / non-revertive) of the transmitted and the received APS protocol."		
Remedial action: Failure Of Protocol - Operation Mismatch.		

Table 4-64 FailureOfProtocolProvisioningMismatch

Alarm	Attributes	Applicable major releases
Name: FailureOfProtocolProvisioningMismatch (8114) Type: communicationsAlarm (4) Package: oth Raised on class: oth.Oduk	Severity: variable Implicitly cleared: true Default probable cause: FOPPM (2511)	<ul style="list-style-type: none"> • 6.0 • 7.0
Description: The alarm is raised when detected protocol provisioning mismatch from comparing A and B bits (" protocol usage and 1+1 / 1:n architecture) of the transmitted and the received APS protocol. ."		
Remedial action: Failure Of Protocol - Provisioning Mismatch.		

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Table 4-65 FailureOfProtocolSwitchMismatch

Alarm	Attributes	Applicable major releases
Name: FailureOfProtocolSwitchMismatch (8115) Type: communicationsAlarm (4) Package: oth Raised on class: oth.Oduk	Severity: variable Implicitly cleared: true Default probable cause: FOPSM (2512)	<ul style="list-style-type: none"> • 6.0 • 7.0
Description: The alarm is raised when detected protocol provisioning mismatch from comparing D bits (" uni- / bi-directional switching) of the transmitted and the received APS protocol."		
Remedial action: Failure Of Protocol - Switch Mismatch.		

Table 4-66 FilterBlocked

Alarm	Attributes	Applicable major releases
Name: FilterBlocked (5610) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.Shelf	Severity: variable Implicitly cleared: true Default probable cause: FLTBLKD (2373)	<ul style="list-style-type: none"> • 6.0 • 7.0
Description: The alarm is raised when air filter of the shelf gets blocked		
Remedial action: Filter on the Shelf is Blocked, remove the filter and repair		

Table 4-67 FilterClogged

Alarm	Attributes	Applicable major releases
Name: FilterClogged (5611) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.Shelf	Severity: variable Implicitly cleared: true Default probable cause: FLTCLOGCRIT (2374) Applicable probable causes: <ul style="list-style-type: none"> • FLTCLOGCRIT • FLTCLOGHIGH 	<ul style="list-style-type: none"> • 6.0 • 7.0
Description: The alarm is raised when air filter of the shelf gets clogged		
Remedial action: Filter on the Shelf is Clogged remove the filter and repair		

Table 4-68 FilterMissing

Alarm	Attributes	Applicable major releases
Name: FilterMissing (5612) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.Shelf	Severity: variable Implicitly cleared: true Default probable cause: FLTMISS (2376)	<ul style="list-style-type: none"> • 6.0 • 7.0
Description: The alarm is raised when air filter of the shelf is missing		
Remedial action: Filter is missing on the shelf, Reinsert the Filter		

Table 4-69 FirmwareUpgradeFailure

Alarm	Attributes	Applicable major releases
Name: FirmwareUpgradeFailure (5613) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.CardSlot	Severity: variable Implicitly cleared: true Default probable cause: FWUPGRADEFAIL (2377)	<ul style="list-style-type: none"> • 6.0 • 7.0
Description: The alarm is raised for Firmware Upgrade Fail .		
Remedial action: Firm Ware Upgrade Failed. Re do the firmware upgrade again		

Table 4-70 FrameSizeProblem (netw)

Alarm	Attributes	Applicable major releases
Name: FrameSizeProblem (37) Type: configurationAlarm (11) Package: netw Raised on class: netw.StatefullConnectableInterface	Severity: critical Implicitly cleared: true Default probable cause: frameSizeProblem (33)	<ul style="list-style-type: none"> • 6.0 • 7.0
Description: The alarm is raised when a provisioned MTU size value is greater than the supported MTU size value.		
Raising condition: (('mtuMismatch' EQUAL 'true') AND ('portId' NOT EQUAL '0L'))		
Clearing condition: (('mtuMismatch' EQUAL 'false') OR ('portId' EQUAL '0L'))		
Remedial action: A configuration error has been made which must be corrected. The MTU value must be changed such that is less than or equal to the supported MTU size value.		

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Table 4-71 FrcdSwTimRef

Alarm	Attributes	Applicable major releases
Name: FrcdSwTimRef (3922) Type: equipmentAlarm (3) Package: optical Raised on class: optical.LineReference	Severity: variable Implicitly cleared: true Default probable cause: FrcdSwTimRef (1508)	<ul style="list-style-type: none"> • 6.0 • 7.0
Description: The alarm is raised when Forced switch to a timing reference is detected.		
Remedial action: Clear force switch.		

Table 4-72 FrngSync

Alarm	Attributes	Applicable major releases
Name: FrngSync (3722) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.CardSlot	Severity: variable Implicitly cleared: true Default probable cause: FrngSync (1460)	<ul style="list-style-type: none"> • 6.0 • 7.0
Description: This alarm is raised when the system clock is in free-running mode.		
Remedial action: The alarm is raised when system clock in free running mode.Proceed to Procedure -Clear System clock is in free running synchronization mode alarm in 1830 PSS Troubleshooting guide.		

Table 4-73 FuseFailure

Alarm	Attributes	Applicable major releases
Name: FuseFailure (5614) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.CardSlot	Severity: variable Implicitly cleared: true Default probable cause: FA (2378)	<ul style="list-style-type: none"> • 6.0 • 7.0
Description: The alarm is raised for Fuse Alarm .		
Remedial action: Fuse Alarm, Check the Fuse in the Shelf		

Table 4-74 GaPeerDown

Alarm	Attributes	Applicable major releases
Name: GaPeerDown (3303) Type: EpcAlarm (59) Package: Iteggnsn Raised on class: Iteggnsn.GaPeer	Severity: major Implicitly cleared: true Default probable cause: EPSPeerDown (602)	<ul style="list-style-type: none"> • 6.0 • 7.0
Description: The alarm is raised when the path management state of a Ga peer changes to a state other than Up.		
Raising condition: ('Path Management State' NOT EQUAL 'Active')		
Clearing condition: ('Path Management State' EQUAL 'Active')		
Remedial action: A Ga reference point (peer) is operationally down for one of the following reasons: the underlying IP or physical interface is down, the far end peer is down or the underlying transport between this NE and the peer NE is down. To resolve the issue ensure that the IP/physical interface is up, check that the far end peer is operational and check that the underlying transport network is up.		

Table 4-75 GfpLofOut

Alarm	Attributes	Applicable major releases
Name: GfpLofOut (4488) Type: communicationsAlarm (4) Package: equipment Raised on class: equipment.PhysicalPort	Severity: variable Implicitly cleared: true Default probable cause: GfpLofOut (1710) Applicable probable causes: <ul style="list-style-type: none"> • GfpLofOut • GFPLOF 	<ul style="list-style-type: none"> • 6.0 • 7.0
Description: The alarm is raised when Outgoing Loss of GFP alignment is detected.		
Remedial action: Refer Procedure : Clear Loss of GFP alignment in 1830 PSS Troubleshooting guide.		

Table 4-76 GmreDegraded

Alarm	Attributes	Applicable major releases
Name: GmreDegraded (8222) Type: equipmentAlarm (3) Package: gmpls Raised on class: gmpls.CPNode	Severity: warning Implicitly cleared: true Default probable cause: GmreDegraded (2570)	<ul style="list-style-type: none"> • 6.0 • 7.0
Description: The alarm is raised when GMRE is not fully operational.		
Remedial action: Not Available.		

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Table 4-77 GmreInAutomaticRestorationDisabledMode

Alarm	Attributes	Applicable major releases
Name: GmreInAutomaticRestorationDisabledMode (8223) Type: equipmentAlarm (3) Package: gmpls Raised on class: gmpls.CPNode	Severity: warning Implicitly cleared: true Default probable cause: GmreInAutomaticRestorationDisabledMode (2571)	<ul style="list-style-type: none"> • 6.0 • 7.0
Description: The alarm is raised when GMRE is set to manual restoration by operator.		
Remedial action: Not Available.		

Table 4-78 GmreInMigration

Alarm	Attributes	Applicable major releases
Name: GmreInMigration (8224) Type: equipmentAlarm (3) Package: gmpls Raised on class: gmpls.CPNode	Severity: warning Implicitly cleared: true Default probable cause: GmreInMigration (2572)	<ul style="list-style-type: none"> • 6.0 • 7.0
Description: The alarm is raised when GMRE is in Migration.		
Remedial action: Not Available.		

Table 4-79 HardwareFailure

Alarm	Attributes	Applicable major releases
Name: HardwareFailure (5615) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.CardSlot	Severity: variable Implicitly cleared: true Default probable cause: HWFAIL (2380) Applicable probable causes: <ul style="list-style-type: none"> • HWFAIL • HWMCPF • HWSUSP 	<ul style="list-style-type: none"> • 6.0 • 7.0
Description: The alarm is raised for Hardware Failure .		
Remedial action: Hardware error is detected, replace the hardware.		

Table 4-80 HighTemperatureDetected

Alarm	Attributes	Applicable major releases
Name: HighTemperatureDetected (5616) Type: environmentalAlarm (2) Package: equipment Raised on class: equipment.Shelf	Severity: variable Implicitly cleared: true Default probable cause: HIGHTEMP (2383)	<ul style="list-style-type: none"> • 6.0 • 7.0
Description: The alarm is raised when the temperature exceeded High Threshold.		
Remedial action: High Temperature Detected,Check the Fan is working properly		

Table 4-81 HldOvrSync

Alarm	Attributes	Applicable major releases
Name: HldOvrSync (3917) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.CardSlot	Severity: variable Implicitly cleared: true Default probable cause: HldOvrSync (1502)	<ul style="list-style-type: none"> • 6.0 • 7.0
Description: The alarm is raised when the system clock is in hold-over mode.		
Remedial action: Check all references.		

Table 4-82 InBandCommDegraded

Alarm	Attributes	Applicable major releases
Name: InBandCommDegraded (8225) Type: communicationsAlarm (4) Package: gmpls Raised on class: gmpls.CPNode	Severity: warning Implicitly cleared: true Default probable cause: InBandCommDegraded (2573)	<ul style="list-style-type: none"> • 6.0 • 7.0
Description: The alarm is raised when there is a problem on at least one ECC channel of the ECC protection group. The ECC channel might be not protected anymore.		
Remedial action: Not Available.		

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Table 4-83 InBandCommDown

Alarm	Attributes	Applicable major releases
Name: InBandCommDown (8226) Type: communicationsAlarm (4) Package: gmpls Raised on class: gmpls.CPNode	Severity: major Implicitly cleared: true Default probable cause: InBandCommDown (2574)	<ul style="list-style-type: none"> 6.0 7.0
Description: The alarm is raised when the IP communication via the ECC protection group is not working.		
Remedial action: Not Available.		

Table 4-84 IncompleteConfiguration

Alarm	Attributes	Applicable major releases
Name: IncompleteConfiguration (1942) Type: operationalViolation (93) Package: netw Raised on class: netw.NetworkElement	Severity: warning Implicitly cleared: true Default probable cause: incompleteConfig (225)	<ul style="list-style-type: none"> 6.0 7.0
Description: The alarm is raised when a pre-provisioned NE has no objects configured beneath it.		
Raising condition: (('State' EQUAL 'Pre-provisioned') AND ('eNodeB Equipment' EQUAL '\'))		
Clearing condition: (('State' EQUAL 'Pre-provisioned') AND ('eNodeB Equipment' NOT EQUAL '\'))		
Remedial action: A configuration error has been made which must be corrected. The configuration of the pre-provisioned NE is incomplete. A work order was not associated with the pre-provisioned NE and as a consequence the attempt to auto-configure the NE failed.		

Table 4-85 InHsWdx

Alarm	Attributes	Applicable major releases
Name: InHsWdx (5619) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.CardSlot	Severity: variable Implicitly cleared: true Default probable cause: INHSWDX (2387)	<ul style="list-style-type: none"> 6.0 7.0
Description: The alarm is raised when 1+1 equipment protection group is inhibited .		
Remedial action: A 1+1 equipment protection group is inhibited to switch. Use ALW-SWDX-EQPT TL1 Command		

Table 4-86 IntClockMiss

Alarm	Attributes	Applicable major releases
Name: IntClockMiss (5620) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.CardSlot	Severity: variable Implicitly cleared: true Default probable cause: INTCLOCKMISS (2388)	<ul style="list-style-type: none"> • 6.0 • 7.0
Description: The alarm is raised when the clock signal generated by the specified MTX is not distributed internally.		
Remedial action: The clock signal generated by the specified MTX is not distributed internally.		

Table 4-87 InternalCommunicationFailure

Alarm	Attributes	Applicable major releases
Name: InternalCommunicationFailure (5625) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.CardSlot	Severity: variable Implicitly cleared: true Default probable cause: ECCCOMA (2393) Applicable probable causes: <ul style="list-style-type: none"> • ECCCOMA • ECCCOMB 	<ul style="list-style-type: none"> • 6.0 • 7.0
Description: The alarm is raised when internal Communication Failure Between FLC and ECC(A/B) .		
Remedial action: Internal Communication Failure		

Table 4-88 InternalLanDegrade

Alarm	Attributes	Applicable major releases
Name: InternalLanDegrade (5626) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.CardSlot	Severity: variable Implicitly cleared: true Default probable cause: INTLANDEGR (2395)	<ul style="list-style-type: none"> • 6.0 • 7.0
Description: The alarm is raised when Internal LAN redundancy is degraded .		
Remedial action: Internal Lan Degrade, check the LAN Connectivity.		

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Table 4-89 InternalLanFail

Alarm	Attributes	Applicable major releases
Name: InternalLanFail (5627) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.CardSlot	Severity: variable Implicitly cleared: true Default probable cause: INTLANFAIL (2396)	<ul style="list-style-type: none"> • 6.0 • 7.0
Description: The alarm is raised when Internal LAN connection is failed .		
Remedial action: Internal Lan Failure, Repair the LAN Connectivity		

Table 4-90 InternalPayLoadIntegrity

Alarm	Attributes	Applicable major releases
Name: InternalPayLoadIntegrity (5628) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.CardSlot	Severity: variable Implicitly cleared: true Default probable cause: INTERRA (2397) Applicable probable causes: <ul style="list-style-type: none"> • INTERRA • INTERRB 	<ul style="list-style-type: none"> • 6.0 • 7.0
Description: The alarm is raised when Problem with Integrity of the internal payload .		
Remedial action: Internal PayLoad Integrity		

Table 4-91 InternalSynchSignal

Alarm	Attributes	Applicable major releases
Name: InternalSynchSignal (5629) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.CardSlot	Severity: variable Implicitly cleared: true Default probable cause: INTSYNCMISSA (2399) Applicable probable causes: <ul style="list-style-type: none"> • INTSYNCMISSA • INTSYNCMISSB 	<ul style="list-style-type: none"> • 6.0 • 7.0
Description: The alarm is raised when Internal LAN connection is failed .		
Remedial action: Internal Synchronization Signal Generated by the MTX is corrupted		

Table 4-92 IPCPConnectionFailure

Alarm	Attributes	Applicable major releases
Name: IPCPConnectionFailure (8080) Type: communicationsAlarm (4) Package: optical Raised on class: optical.NetworkInterface	Severity: variable Implicitly cleared: true Default probable cause: IPCPCONFAIL (2481)	<ul style="list-style-type: none"> • 6.0 • 7.0
Description: The alarm is raised when no IPCP connection could be established on an ECC provisioned for IP. The alarm is raised after 10 unsuccessful attempts to establish the IPCP.		
Remedial action: Please refer IPCPCONNFAIL in 1830 PSS Troubleshooting guide for detailed corrective procedure.		

Table 4-93 LagPortAddFailed

Alarm	Attributes	Applicable major releases
Name: LagPortAddFailed (422) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.PhysicalPort	Severity: warning Implicitly cleared: true Default probable cause: linkDown (315)	<ul style="list-style-type: none"> • 6.0 • 7.0
Description: The alarm is raised when the Lag Port Add function Fails.		
Raising condition: (('state' EQUAL 'Link Down') AND ('LAG ID' > '0'))		
Clearing condition: (('state' NOT EQUAL 'Link Down') OR ('LAG ID' EQUAL '0'))		
Remedial action: A configuration error has occurred which must be corrected. The link that was to be added to the LAG group may be of the wrong type (i.e. non ethernet) or the limit of the number of links supported in a LAG may have been reached.		

Table 4-94 LanLol

Alarm	Attributes	Applicable major releases
Name: LanLol (4499) Type: communicationsAlarm (4) Package: equipment Raised on class: equipment.PhysicalPort	Severity: variable Implicitly cleared: true Default probable cause: LanLol (1722) Applicable probable causes: <ul style="list-style-type: none"> • LanLol • LOL 	<ul style="list-style-type: none"> • 6.0 • 7.0
Description: The alarm is raised when Loss of Link is detected.		
Remedial action: Please refer 1830 PSS Troubleshooting guide for detailed steps for corrective action.		

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Table 4-95 LatchOpen

Alarm	Attributes	Applicable major releases
Name: LatchOpen (5630) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.CardSlot	Severity: variable Implicitly cleared: true Default probable cause: LATCHOPEN (2402)	<ul style="list-style-type: none"> • 6.0 • 7.0
Description: The alarm is raised when one of the latches is not closed .		
Remedial action: Indicates that one of the latches are not closed.Close the Latch		

Table 4-96 LatencyViolation

Alarm	Attributes	Applicable major releases
Name: LatencyViolation (8227) Type: communicationsAlarm (4) Package: gmpls Raised on class: gmpls.SubnetworkConnection	Severity: warning Implicitly cleared: true Default probable cause: LatencyViolation (2575)	<ul style="list-style-type: none"> • 6.0 • 7.0
Description: The alarm is raised when the nominal route of the LSP breaks the specified latency constraints.		
Remedial action: Not Available.		

Table 4-97 LckOut

Alarm	Attributes	Applicable major releases
Name: LckOut (4500) Type: communicationsAlarm (4) Package: equipment Raised on class: equipment.PhysicalPort	Severity: variable Implicitly cleared: true Default probable cause: LckOut (1723) Applicable probable causes: <ul style="list-style-type: none"> • LckOut • LCK 	<ul style="list-style-type: none"> • 6.0 • 7.0
Description: The alarm is raised when Outgoing Locked - ODU is detected.		
Remedial action: Please refer 1830 PSS Troubleshooting guide for detailed steps for corrective action.		

Table 4-98 LCPCONNECTIONFAILURE

Alarm	Attributes	Applicable major releases
Name: LCPCONNECTIONFAILURE (8081) Type: communicationsAlarm (4) Package: optical Raised on class: optical.NetworkInterface	Severity: variable Implicitly cleared: true Default probable cause: LCPCONFAIL (2482)	<ul style="list-style-type: none"> • 6.0 • 7.0
Description: The alarm is raised when communication over an ECC is not possible because the link control protocol(LCP) could not be established between the two ends of the link. The alarm is raised after 10 unsuccessful attempts to establish the LCP.		
Remedial action: Please refer LCPCONNFAIL in 1830 PSS Troubleshooting guide for detailed corrective procedure.		

Table 4-99 LeftLanWronglyConnected

Alarm	Attributes	Applicable major releases
Name: LeftLanWronglyConnected (5631) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.Shelf	Severity: variable Implicitly cleared: true Default probable cause: LANLEFTRING (2404)	<ul style="list-style-type: none"> • 6.0 • 7.0
Description: The alarm is raised when Shelf neighbors are missing in left LAN.		
Remedial action: Left LAN is wrongly Connected. Check the LAN Connectivity		

Table 4-100 LicensedLimitExceeded

Alarm	Attributes	Applicable major releases
Name: LicensedLimitExceeded (127) Type: licensingAlarm (23) Package: security Raised on class: security.ProductLicense	Severity: critical Implicitly cleared: true Default probable cause: licensedLimitExceeded (106)	<ul style="list-style-type: none"> • 6.0 • 7.0
Description: The alarm is raised when the license items in the network exceeds 100 percent of the license capacity.		
Raising condition: ('Exceeded' EQUAL 'true')		
Clearing condition: ('Exceeded' NOT EQUAL 'true')		
Remedial action: Informational - The number of SAM licenses purchased and available on the SAM server is insufficient as compared to the number of NES/MDA/Cells under management in the network. Please contact Alcatel-Lucent Sales to purchase additional licenses.		

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Table 4-101 LinkDiversityViolation

Alarm	Attributes	Applicable major releases
Name: LinkDiversityViolation (8228) Type: communicationsAlarm (4) Package: gmpls Raised on class: gmpls.SubnetworkConnection	Severity: warning Implicitly cleared: true Default probable cause: LinkDiversityViolation (2576)	<ul style="list-style-type: none"> • 6.0 • 7.0
Description: The alarm is raised when no fully link-diverse backup route could be found for the current route of the LSP.		
Remedial action: Not Available.		

Table 4-102 LinkDown (equipment)

Alarm	Attributes	Applicable major releases
Name: LinkDown (12) Type: communicationsAlarm (4) Package: equipment Raised on class: equipment.Equipment	Severity: major Implicitly cleared: true Default probable cause: portLinkProblem (10)	<ul style="list-style-type: none"> • 6.0 • 7.0
Description: The alarm is raised when a port has no associated physical link or remote end point is operationally down.		
Raising condition: (('compositeEquipmentState' EQUAL 'Link Down') OR ('compositeEquipmentState' EQUAL 'Oper Down'))		
Clearing condition: (('compositeEquipmentState' NOT EQUAL 'Link Down') AND ('compositeEquipmentState' NOT EQUAL 'Oper Down'))		
Remedial action: Please make sure that port has physical link and remote end point is operationally up.		

Table 4-103 LockOutOfProtection

Alarm	Attributes	Applicable major releases
Name: LockOutOfProtection (8116) Type: communicationsAlarm (4) Package: oth Raised on class: oth.Oduk	Severity: variable Implicitly cleared: true Default probable cause: LOCKOUTOFPR (2513)	<ul style="list-style-type: none"> • 6.0 • 7.0
Description: The alarm is raised when Lock out of Protection facility detected.		
Remedial action: Lock out of Protection facility detected.		

Table 4-104 LockoutOfTimRef

Alarm	Attributes	Applicable major releases
Name: LockoutOfTimRef (3923) Type: equipmentAlarm (3) Package: optical Raised on class: optical.LineReference	Severity: variable Implicitly cleared: true Default probable cause: LockoutOfTimRef (1509)	<ul style="list-style-type: none"> • 6.0 • 7.0
Description: The alarm is raised when Lock out of a timing reference is detected.		
Remedial action: Check the timing reference quality and priority.		

Table 4-105 LockOutOfWorking

Alarm	Attributes	Applicable major releases
Name: LockOutOfWorking (8117) Type: communicationsAlarm (4) Package: oth Raised on class: oth.Oduk	Severity: variable Implicitly cleared: true Default probable cause: LOCKOUTWR (2514)	<ul style="list-style-type: none"> • 6.0 • 7.0
Description: The alarm is raised when Lockout of working facility detected. The related normal traffic ODU is not allowed to request usage of protection. .		
Remedial action: Lockout of working facility detected.		

Table 4-106 LOFLOM

Alarm	Attributes	Applicable major releases
Name: LOFLOM (4496) Type: communicationsAlarm (4) Package: equipment Raised on class: equipment.PhysicalPort	Severity: variable Implicitly cleared: true Default probable cause: LOFLOM (1719)	<ul style="list-style-type: none"> • 6.0 • 7.0
Description: The alarm is raised when ODU LOFLOM is detected.		
Remedial action: Refer Procedure : Clear Loss of Frame and Loss of Multiframe in 1830 PSS Troubleshooting guide.		

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Table 4-107 LogicalNodeNotReachable

Alarm	Attributes	Applicable major releases
Name: LogicalNodeNotReachable (8229) Type: equipmentAlarm (3) Package: gmpls Raised on class: gmpls.SubNode	Severity: warning Implicitly cleared: true Default probable cause: LogicalNodeNotReachable (2577)	<ul style="list-style-type: none"> • 6.0 • 7.0
Description: The alarm is raised when the Logical Node (OCS shelf) with the specified logical node ID is not reachable, that is, the communication to this OCS shelf is disturbed.		
Remedial action: Not Available.		

Table 4-108 Lol

Alarm	Attributes	Applicable major releases
Name: Lol (4504) Type: communicationsAlarm (4) Package: equipment Raised on class: equipment.PhysicalPort	Severity: variable Implicitly cleared: true Default probable cause: Lol (1726)	<ul style="list-style-type: none"> • 6.0 • 7.0
Description: The alarm is raised when Loss of Lane Alignment is detected.		
Remedial action: Please refer 1830 PSS Troubleshooting guide for detailed steps for corrective action.		

Table 4-109 LosOts

Alarm	Attributes	Applicable major releases
Name: LosOts (3372) Type: communicationsAlarm (4) Package: equipment Raised on class: equipment.PhysicalPort	Severity: variable Implicitly cleared: true Default probable cause: LosOts (1202) Applicable probable causes: <ul style="list-style-type: none"> • LosOts • LOSOTS 	<ul style="list-style-type: none"> • 6.0 • 7.0
Description: The alarm is raised when OPS Input Loss of Signal is detected.		
Remedial action: Please refer LOS-P (Incoming Payload LOS) in 1830 PSS Troubleshooting guide for detailed corrective action.		

Table 4-110 LossOfFrame (optical)

Alarm	Attributes	Applicable major releases
Name: LossOfFrame (630) Type: communicationsAlarm (4) Package: optical Raised on class: optical.OpticalPortSpecifics	Severity: variable Implicitly cleared: true Default probable cause: Lof (1073) Applicable probable causes: <ul style="list-style-type: none"> • Lof • LOF 	<ul style="list-style-type: none"> • 6.0 • 7.0
Description: The alarm is raised when Loss of frame is detected.		
Remedial action: Please refer 1830 PSS Node Maintenance manual for remedial action information.		

Table 4-111 LossOfMultiFrame (oth)

Alarm	Attributes	Applicable major releases
Name: LossOfMultiFrame (3930) Type: communicationsAlarm (4) Package: oth Raised on class: oth.Otuk	Severity: variable Implicitly cleared: true Default probable cause: LOM (1040)	<ul style="list-style-type: none"> • 6.0 • 7.0
Description: The alarm is raised when Loss of Multiframe detected.		
Remedial action: Loss of Multiframe.		

Table 4-112 LossOfOPUMultiFrameIdentifier

Alarm	Attributes	Applicable major releases
Name: LossOfOPUMultiFrameIdentifier (8118) Type: communicationsAlarm (4) Package: oth Raised on class: oth.Oduk	Severity: variable Implicitly cleared: true Default probable cause: LOOMFI (2515)	<ul style="list-style-type: none"> • 6.0 • 7.0
Description: The alarm is raised when Loss of OPU MultiFrame Identifier detected.		
Remedial action: Loss of OPU MultiFrame Identifier.		

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Table 4-113 LossOfSignal (optical)

Alarm	Attributes	Applicable major releases
Name: LossOfSignal (631) Type: communicationsAlarm (4) Package: optical Raised on class: optical.OpticalPortSpecifics	Severity: variable Implicitly cleared: true Default probable cause: Los (1077) Applicable probable causes: <ul style="list-style-type: none"> • Los • LosP • LosOut • LosLdSig • LanLos • LOS 	<ul style="list-style-type: none"> • 6.0 • 7.0
Description: The alarm is raised when Loss of Signal is detected.		
Remedial action: A receive port on one of the optical cards has detected a loss of signal. The LOS condition may be raised for the following reasons: 1. a misconnected, damaged, or dirty fiber. 2. the received power may not be within the acceptable range. The procedures in this section are as follows: 1. LOS (Channel Absent Alarm) 2. LD Input LOS. 3. CWR Input LOS. 4. LOS (Loss of Signal). Please refer detailed section for each in 1830 PSS Troubleshooting guide.		

Table 4-114 LossOfSync

Alarm	Attributes	Applicable major releases
Name: LossOfSync (4510) Type: communicationsAlarm (4) Package: equipment Raised on class: equipment.PhysicalPort	Severity: variable Implicitly cleared: true Default probable cause: Lss (1729) Applicable probable causes: <ul style="list-style-type: none"> • Lss • LSS 	<ul style="list-style-type: none"> • 6.0 • 7.0
Description: The alarm is raised when Loss of synchronization is detected.		
Remedial action: Please refer 1830 PSS Troubleshooting guide for detailed steps for corrective action.		

Table 4-115 LowTemperatureDetected

Alarm	Attributes	Applicable major releases
Name: LowTemperatureDetected (1127) Type: environmentalAlarm (2) Package: equipment Raised on class: equipment.Shelf	Severity: major Implicitly cleared: true Default probable cause: equipmentOvercooled (838)	<ul style="list-style-type: none"> • 6.0 • 7.0
Description: The alarm is raised when the chassis temperature falls below the minimum threshold.		
Raising condition: ('Low Temperature State' EQUAL 'Low')		
Clearing condition: ('Low Temperature State' NOT EQUAL 'Low')		

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Alarm	Attributes	Applicable major releases
Remedial action: The NE has detected internal temperatures which are abnormally low. This may happen when the environment that the NE is operating in may not be within specifications found in the NE user guides.		

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Table 4-116 Lssc

Alarm	Attributes	Applicable major releases
Name: Lssc (5632) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.CardSlot	Severity: variable Implicitly cleared: true Default probable cause: LSSC (2407)	<ul style="list-style-type: none"> • 6.0 • 7.0
Description: The alarm is raised when the subsystem controlled by the equipment cannot be provisioned or supervised at the moment .		
Remedial action: The Subsystem controlled by the equipment cannot be provisioned or supervised at the moment		

Table 4-117 Lvco

Alarm	Attributes	Applicable major releases
Name: Lvco (5633) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.CardSlot	Severity: variable Implicitly cleared: true Default probable cause: LVCO (2408)	<ul style="list-style-type: none"> • 6.0 • 7.0
Description: The alarm is raised when the battery supervision detects low voltage .		
Remedial action: Battery supervision detects low voltage,Repair Battery		

Table 4-118 ManSwTimRef

Alarm	Attributes	Applicable major releases
Name: ManSwTimRef (3925) Type: equipmentAlarm (3) Package: optical Raised on class: optical.LineReference	Severity: variable Implicitly cleared: true Default probable cause: ManSwTimRef (1511)	<ul style="list-style-type: none"> • 6.0 • 7.0
Description: The alarm is raised when Manual switch to a timing reference is detected.		
Remedial action: Check the timing reference quality and priority.		

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Table 4-119 ManSwTolnt

Alarm	Attributes	Applicable major releases
Name: ManSwTolnt (3918) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.CardSlot	Severity: variable Implicitly cleared: true Default probable cause: ManSwTolnt (1503)	<ul style="list-style-type: none"> • 6.0 • 7.0
Description: The alarm is raised when System clock forced to internal clock is detected.		
Remedial action: Clear the manual switch.		

Table 4-120 MaxHopViolation

Alarm	Attributes	Applicable major releases
Name: MaxHopViolation (8230) Type: communicationsAlarm (4) Package: gmpls Raised on class: gmpls.SubnetworkConnection	Severity: warning Implicitly cleared: true Default probable cause: MaxHopViolation (2578)	<ul style="list-style-type: none"> • 6.0 • 7.0
Description: The alarm is raised when the nominal route of the LSP breaks the specified maximum number of hops.		
Remedial action: Not Available.		

Table 4-121 Misc

Alarm	Attributes	Applicable major releases
Name: Misc (5634) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.CardSlot	Severity: variable Implicitly cleared: true Default probable cause: MISC_1 (2409)	<ul style="list-style-type: none"> • 6.0 • 7.0
Description: The alarm is raised standby CRU is not tracking the active CRU.		
Remedial action: Indicates that the standby CRU is not tracking the active CRU.		

Table 4-122 MobileConnectorDown

Alarm	Attributes	Applicable major releases
Name: MobileConnectorDown (1064) Type: EpcAlarm (59) Package: Iteservice Raised on class: Iteservice.MobileServiceConnector	Severity: minor Implicitly cleared: true Default probable cause: EpcDown (519)	<ul style="list-style-type: none"> • 6.0 • 7.0

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Alarm	Attributes	Applicable major releases
Description: The alarm is raised when the 5620 SAM no longer manages the EPS path instance of this mobile service site. As a result, the service must be regenerated.		
Raising condition: ('EPS Path' EQUAL "\")		
Clearing condition: ('EPS Path' NOT EQUAL "\")		
Remedial action: The underlying transport network has gone down resulting in the deletion of a mobile service connector (EPS path). Correct the issue with the transport network and regenerate the mobile service connector by clicking on the re-calculate button on the mobile service properties form.		

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Table 4-123 ModulesNotProvisioned

Alarm	Attributes	Applicable major releases
Name: ModulesNotProvisioned (5635) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.Shelf	Severity: variable Implicitly cleared: true Default probable cause: ABNORMAL (2410)	<ul style="list-style-type: none"> • 6.0 • 7.0
Description: The alarm is raised when module is available in a position but not provisioned.		
Remedial action: Card is Not Provisioned but available, Provision the Card		

Table 4-124 Msim

Alarm	Attributes	Applicable major releases
Name: Msim (3377) Type: communicationsAlarm (4) Package: equipment Raised on class: equipment.PhysicalPort	Severity: variable Implicitly cleared: true Default probable cause: Msim (1206)	<ul style="list-style-type: none"> • 6.0 • 7.0
Description: The alarm is raised when Multiplex Structure Identifier Mismatch is detected.		
Remedial action: Please follow the below steps to clear this alarm: 1. Check if there is a signal degraded alarm reported at OT Port. Perform the corrective action for clearing the alarms found. 2. After all degraded alarms are cleared retrieve the Digital Wrapper performance monitoring group by executing the following command on node CLI: "show interface card_type shelf slot L1 PM DW". 3. Check whether uncorrectable FEC bit errors are reported. If so, perform the action for clearing the signal degraded alarms. 4. After all signal degraded alarms are cleared and no uncorrectable bit errors are reported, check whether the input OTU signal MSI byte is compliant with received OT card settings.		

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Table 4-125 NeManagementAndTrapManagementMismatch

Alarm	Attributes	Applicable major releases
Name: NeManagementAndTrapManagementMismatch (1079) Type: communicationsAlarm (4) Package: netw Raised on class: netw.NetworkElement	Severity: warning Implicitly cleared: true Default probable cause: neManagementChange (817)	<ul style="list-style-type: none"> 6.0 7.0
Description: This user-defined alarm is raised when the NE configuration is one of the following: - The Active Management IP is set to Out Of Band, and the Primary Route Preference is set to In Band. - The Active Management IP is set to In Band, and the Primary Route Preference is set to Out of Band.		
Raising condition: (((('Active Management IP' EQUAL 'In Band') AND (('Management IP Selection' EQUAL 'In Band Preferred') OR ('Management IP Selection' EQUAL 'In Band Only'))) AND ('Primary Route Preference' EQUAL 'Out Of Band') AND ('Secondary Route Preference' EQUAL 'In Band')) OR (('Active Management IP' EQUAL 'Out Of Band') AND (('Management IP Selection' EQUAL 'Out Of Band Preferred') OR ('Management IP Selection' EQUAL 'Out Of Band Only'))) AND ('Primary Route Preference' EQUAL 'In Band') AND ('Secondary Route Preference' EQUAL 'Out Of Band'))		
Clearing condition: (((('Active Management IP' EQUAL 'In Band') AND (('Management IP Selection' EQUAL 'In Band Preferred') OR ('Management IP Selection' EQUAL 'In Band Only'))) AND ('Primary Route Preference' EQUAL 'In Band')) OR (('Active Management IP' EQUAL 'Out Of Band') AND (('Management IP Selection' EQUAL 'Out Of Band Preferred') OR ('Management IP Selection' EQUAL 'Out Of Band Only'))) AND ('Primary Route Preference' EQUAL 'Out Of Band'))		
Remedial action: A configuration error has been made which must be corrected. The parameters described in the description for this alarm must match.		

Table 4-126 NeNotReachable

Alarm	Attributes	Applicable major releases
Name: NeNotReachable (8231) Type: equipmentAlarm (3) Package: gmpls Raised on class: gmpls.CPNode	Severity: warning Implicitly cleared: true Default probable cause: NeNotReachable (2579)	<ul style="list-style-type: none"> 6.0 7.0
Description: The alarm is raised when the communication between the GMRE and the managed NE is disturbed.		
Remedial action: Not Available.		

Table 4-127 NeUnavailable

Alarm	Attributes	Applicable major releases
Name: NeUnavailable (8068) Type: equipmentAlarm (3) Package: netw Raised on class: netw.NetworkElement	Severity: variable Implicitly cleared: true Default probable cause: NEUNAVAIL (2470)	<ul style="list-style-type: none"> 6.0 7.0
Description: The alarm is raised when the whole system cannot be provisioned or supervised at the moment.		
Remedial action: The whole system cannot be provisioned or supervised at the moment.		

Table 4-128 NewSsh2ServerKeyDetected

Alarm	Attributes	Applicable major releases
Name: NewSsh2ServerKeyDetected (285) Type: communicationsAlarm (4) Package: security Raised on class: security.KnownHostKey	Severity: warning Implicitly cleared: true Default probable cause: ssh2ServerKeyMismatch (217)	<ul style="list-style-type: none"> • 6.0 • 7.0
Description: The alarm is raised when a 5620 SAM main server detects a new public SSH key.		
Raising condition: ('SSH2 Server Key Status' EQUAL 'Mismatch SSH2 Host Key')		
Clearing condition: ('SSH2 Server Key Status' EQUAL 'Active SSH2 Host Key')		
Remedial action: Informational - possible security breach. The SSH key of the router is different from the one known to the SAM server.		

Table 4-129 NodeDatabaseFallbackDetected

Alarm	Attributes	Applicable major releases
Name: NodeDatabaseFallbackDetected (2923) Type: communicationsAlarm (4) Package: netw Raised on class: netw.NetworkElement	Severity: major Implicitly cleared: true Default probable cause: nodeDatabaseFallback (1121)	<ul style="list-style-type: none"> • 6.0 • 7.0
Description: The alarm is raised when a configuration fallback is detected on the node and comes back up with a previous configuration. To correct this situation it might be necessary to reconfigure the node, or perform full resync its database with the 'fallback' configuration returned by the node.		
Raising condition: ('State' EQUAL 'Node Configuration Fallback')		
Clearing condition: ('State' EQUAL 'Managed')		
Remedial action: the NE has come back to a previous configuration. Perform a manual Full Resync or a Reconfigure of the NE		

Table 4-130 NodeDatabaseMisalignmentDetected

Alarm	Attributes	Applicable major releases
Name: NodeDatabaseMisalignmentDetected (2924) Type: communicationsAlarm (4) Package: netw Raised on class: netw.NetworkElement	Severity: major Implicitly cleared: true Default probable cause: nodeDatabaseMisalignment (1122)	<ul style="list-style-type: none"> • 6.0 • 7.0
Description: The alarm is raised when a configuration misalignment has been detected on the node and comes back up with an unexpected configuration (configuration change triggered by external tool) To correct this situation it might be necessary to reconfigure the node with the 5620 SAM's old configuration or accept the new configuration received from the node.		
Raising condition: ('State' EQUAL 'Node Configuration Misalignment')		
Clearing condition: ('State' EQUAL 'Managed')		
Remedial action: the NE configuration is misaligned. Perform a resync in order to update SAM configuration according to the NE.		

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Table 4-131 NodeSuspended

Alarm	Attributes	Applicable major releases
Name: NodeSuspended (5123) Type: communicationsAlarm (4) Package: netw Raised on class: netw.NetworkElement	Severity: critical Implicitly cleared: true Default probable cause: NodeSuspend (2057)	<ul style="list-style-type: none"> • 6.0 • 7.0
Description: The alarm is raised when the 5620 SAM detects an NE moved to suspend state as per user request.		
Raising condition: ('SNMP Reachability' EQUAL 'Suspended')		
Clearing condition: ('SNMP Reachability' NOT EQUAL 'Suspended')		
Remedial action: This alarm is raised when user suspends the network element. The alarm will be cleared when the network element is managed back.		

Table 4-132 NominalUnavailableCommunicationProblem

Alarm	Attributes	Applicable major releases
Name: NominalUnavailableCommunicationProblem (8232) Type: communicationsAlarm (4) Package: gmpls Raised on class: gmpls.SubnetworkConnection	Severity: warning Implicitly cleared: true Default probable cause: NominalUnavailableCommunicationProblem (2580)	<ul style="list-style-type: none"> • 6.0 • 7.0
Description: The alarm is raised when the nominal route failed due to control plane problem.		
Remedial action: Not Available.		

Table 4-133 NominalUnavailableConfigurationProblem

Alarm	Attributes	Applicable major releases
Name: NominalUnavailableConfigurationProblem (8233) Type: communicationsAlarm (4) Package: gmpls Raised on class: gmpls.SubnetworkConnection	Severity: warning Implicitly cleared: true Default probable cause: NominalUnavailableConfigurationProblem (2581)	<ul style="list-style-type: none"> • 6.0 • 7.0
Description: The alarm is raised when the nominal route is not active due to a wrong configuration (could be either node, link or label).		
Remedial action: Not Available.		

Table 4-134 NominalUnavailableIndeterminateProblem

Alarm	Attributes	Applicable major releases
Name: NominalUnavailableIndeterminateProblem (8234) Type: communicationsAlarm (4) Package: gmpls Raised on class: gmpls.SubnetworkConnection	Severity: warning Implicitly cleared: true Default probable cause: NominalUnavailableIndeterminateProblem (2582)	<ul style="list-style-type: none"> • 6.0 • 7.0
Description: The alarm is raised when the nominal route failed for no specific reason.		
Remedial action: Not Available.		

Table 4-135 NominalUnavailableReversionPreempt

Alarm	Attributes	Applicable major releases
Name: NominalUnavailableReversionPreempt (8235) Type: communicationsAlarm (4) Package: gmpls Raised on class: gmpls.SubnetworkConnection	Severity: warning Implicitly cleared: true Default probable cause: NominalUnavailableReversionPreempt (2583)	<ul style="list-style-type: none"> • 6.0 • 7.0
Description: The alarm is raised when the nominal route is not active due to a resource currently being used by a lower priority LSP.		
Remedial action: Not Available.		

Table 4-136 NominalUnavailableTPBlocked

Alarm	Attributes	Applicable major releases
Name: NominalUnavailableTPBlocked (8236) Type: communicationsAlarm (4) Package: gmpls Raised on class: gmpls.SubnetworkConnection	Severity: warning Implicitly cleared: true Default probable cause: NominalUnavailableTPBlocked (2584)	<ul style="list-style-type: none"> • 6.0 • 7.0
Description: The alarm is raised when the nominal resources are blocked by higher priority traffic.		
Remedial action: Not Available.		

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Table 4-137 NominalUnavailableTransmissionProblem

Alarm	Attributes	Applicable major releases
Name: NominalUnavailableTransmissionProblem (8237) Type: communicationsAlarm (4) Package: gmpls Raised on class: gmpls.SubnetworkConnection	Severity: warning Implicitly cleared: true Default probable cause: NominalUnavailableTransmissionProblem (2585)	<ul style="list-style-type: none"> • 6.0 • 7.0
Description: The alarm is raised when the nominal route failed due to data plane problem.		
Remedial action: Not Available.		

Table 4-138 NotAligned

Alarm	Attributes	Applicable major releases
Name: NotAligned (5637) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.CardSlot	Severity: variable Implicitly cleared: true Default probable cause: DXNOTALGND (2412)	<ul style="list-style-type: none"> • 6.0 • 7.0
Description: The alarm is raised when inactive entity of an 1+1 equipment Protection Group is not aligned .		
Remedial action: The inactive entity of an 1+1 equipment protection group is not aligned.		

Table 4-139 NTPOperDown

Alarm	Attributes	Applicable major releases
Name: NTPOperDown (4879) Type: communicationsAlarm (4) Package: ntp Raised on class: ntp.NTP	Severity: info Implicitly cleared: true Default probable cause: NTPOperDown (1943)	<ul style="list-style-type: none"> • 6.0 • 7.0
Description: The alarm is generated when the NTP Operational State is down for NTP.		
Raising condition: (('Operational State' EQUAL 'Down') AND ('NTP State' EQUAL 'Enabled'))		
Clearing condition: (('Operational State' EQUAL 'Up') OR ('NTP State' EQUAL 'Disabled'))		
Remedial action: Please check if NTP is administratively enabled (Admin State in NTP General Tab). If admin state down, enable it to make NTP operationally up.		

Table 4-140 NTPServerIsNotReachable

Alarm	Attributes	Applicable major releases
Name: NTPServerIsNotReachable (5636) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.Shelf	Severity: variable Implicitly cleared: true Default probable cause: NTPOOSYNC (2411)	<ul style="list-style-type: none"> • 6.0 • 7.0
Description: The alarm is raised when no NTP Server is Reachable.		
Remedial action: NTP Server not reachable.Check the Status of NTP Server		

Table 4-141 OciOut

Alarm	Attributes	Applicable major releases
Name: OciOut (4519) Type: communicationsAlarm (4) Package: equipment Raised on class: equipment.PhysicalPort	Severity: variable Implicitly cleared: true Default probable cause: OciOut (1737) Applicable probable causes: <ul style="list-style-type: none"> • OciOut • OCI 	<ul style="list-style-type: none"> • 6.0 • 7.0
Description: The alarm is raised when Outgoing Open Connection Indication - ODU is detected.		
Remedial action: Please refer 1830 PSS Troubleshooting guide for detailed steps for corrective action.		

Table 4-142 OprTx

Alarm	Attributes	Applicable major releases
Name: OprTx (3383) Type: communicationsAlarm (4) Package: equipment Raised on class: equipment.PhysicalPort	Severity: variable Implicitly cleared: true Default probable cause: OprTx (1212)	<ul style="list-style-type: none"> • 6.0 • 7.0
Description: The alarm is raised when Channel power unstable is detected.		
Remedial action: This alarm is raised on cards with a Wavelength Tracker detect point when the power is outside of the provisioned power range. For corrective action please refer 1830 PSS Maintenance and Trouble-Clearing User Guide.		

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Table 4-143 OpticalOutputPowerUnachievable

Alarm	Attributes	Applicable major releases
Name: OpticalOutputPowerUnachievable (4524) Type: communicationsAlarm (4) Package: equipment Raised on class: equipment.PhysicalPort	Severity: variable Implicitly cleared: true Default probable cause: OprUnachieve (961)	<ul style="list-style-type: none"> • 6.0 • 7.0
Description: The alarm is raised when Channel power unachievable is detected.		
Remedial action: Please refer 1830 PSS Troubleshooting guide for detailed steps for corrective action.		

Table 4-144 OpticalParameterFileError

Alarm	Attributes	Applicable major releases
Name: OpticalParameterFileError (8238) Type: equipmentAlarm (3) Package: gmpls Raised on class: gmpls.CPNode	Severity: warning Implicitly cleared: true Default probable cause: OpticalParameterFileError (2586)	<ul style="list-style-type: none"> • 6.0 • 7.0
Description: The alarm is raised when the last downloaded file with optical feasibility target values (from the EPT) is not valid.		
Remedial action: Not Available.		

Table 4-145 OrphanNodeDetected

Alarm	Attributes	Applicable major releases
Name: OrphanNodeDetected (4866) Type: discoveryControlAlarm (33) Package: netw Raised on class: netw.AdvertisedNode	Severity: major Implicitly cleared: true Default probable cause: nodeNotMangedByAnyEms (1934)	<ul style="list-style-type: none"> • 6.0 • 7.0
Description: The alarm is raised when node is node managed by any EMS after n retries(threshold crossed) it is manually cleared by the operator or when the node is discovered.		
Raising condition: ('State' EQUAL 'Orphan')		
Remedial action: The NE is not managed by any SAM.Add an discovery rule in order to managed it.		

Table 4-146 OSPFAdjacencyFailure

Alarm	Attributes	Applicable major releases
Name: OSPFAdjacencyFailure (8083) Type: communicationsAlarm (4) Package: optical Raised on class: optical.NetworkInterface	Severity: variable Implicitly cleared: true Default probable cause: OSPFADJFAIL (2483)	<ul style="list-style-type: none"> • 6.0 • 7.0
Description: The alarm is raised when OSPF is enabled in active mode, but no adjacency is formed via the interface.		
Remedial action: Check the OSPF configuration on the peer NE/router of the alarmed interface, and verify whether the OSPF configuration settings at both ends of the link are compatible.		

Table 4-147 OutBandCommDegraded

Alarm	Attributes	Applicable major releases
Name: OutBandCommDegraded (8239) Type: communicationsAlarm (4) Package: gmpls Raised on class: gmpls.CPNode	Severity: warning Implicitly cleared: true Default probable cause: OutBandCommDegraded (2587)	<ul style="list-style-type: none"> • 6.0 • 7.0
Description: The alarm is raised when there is a problem on at least one out-of-band tunnel.		
Remedial action: Not Available.		

Table 4-148 OutBandCommDown

Alarm	Attributes	Applicable major releases
Name: OutBandCommDown (8240) Type: communicationsAlarm (4) Package: gmpls Raised on class: gmpls.CPNode	Severity: major Implicitly cleared: true Default probable cause: OutBandCommDown (2588)	<ul style="list-style-type: none"> • 6.0 • 7.0
Description: The alarm is raised when the IP communication via the out-of-band tunnel is not working.		
Remedial action: Not Available.		

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Table 4-149 OverTemperatureDetected

Alarm	Attributes	Applicable major releases
Name: OverTemperatureDetected (388) Type: environmentalAlarm (2) Package: equipment Raised on class: equipment.Shelf	Severity: major Implicitly cleared: true Default probable cause: equipmentOverheated (5)	<ul style="list-style-type: none"> • 6.0 • 7.0
Description: The alarm is raised when the chassis temperature exceeds the maximum threshold value.		
Raising condition: ('Over Temperature State' EQUAL 'Over')		
Clearing condition: ('Over Temperature State' NOT EQUAL 'Over')		
Remedial action: The NE has detected internal temperatures which are abnormally high. This could be caused by a failed fan unit or one or more dirty fan filters. Replacing the failed unit or filters should resolve the problem. Alternately the environment that the NE is operating in may not be within specifications found in the NE user guides.		

Table 4-150 PartialResyncProblem

Alarm	Attributes	Applicable major releases
Name: PartialResyncProblem (4401) Type: communicationsAlarm (4) Package: netw Raised on class: netw.NetworkElement	Severity: warning Implicitly cleared: true Default probable cause: partialResyncProblem (1578)	<ul style="list-style-type: none"> • 6.0 • 7.0
Description: The alarm is raised when a partial resync on an NE fails. For example, when resyncing only some MIB entries as opposed to a full resync. The periodic reachability test (sysUpTime) is not considered a partial resync, neither is a full resync. However, a PartialResyncProblem alarm can only be reset by a FullResync.		
Raising condition: ('partialResyncStatus' EQUAL 'Partial Resync Failed')		
Clearing condition: ('partialResyncStatus' EQUAL 'Partial Resync Done')		
Remedial action: Informational - if the alarm persists or is occurring frequently then investigation is required to understand a) why the underlying transport network is unreliable or b) why the NE is too busy to respond to 5620 SAM or c) has SNMP been disabled on the NE.		

Table 4-151 PersistentIndexParametersMisconfigured

Alarm	Attributes	Applicable major releases
Name: PersistentIndexParametersMisconfigured (173) Type: configurationAlarm (11) Package: netw Raised on class: netw.NetworkElement	Severity: major Implicitly cleared: true Default probable cause: persistentIndexConfigurationMismatch (136)	<ul style="list-style-type: none"> • 6.0 • 7.0
Description: The alarm is raised when persistence is set to Off in the NE BOF.		
Raising condition: (('Persistent SNMP Indices' EQUAL 'False') OR (('hasRedundantProcessorCards' EQUAL 'true') AND ('Redundant Synchronization Mode' EQUAL 'None'))		

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Alarm	Attributes	Applicable major releases
Clearing condition: (('Persistent SNMP Indices' EQUAL 'True') AND (('hasRedundantProcessorCards' EQUAL 'false') OR ('Redundant Synchronization Mode' NOT EQUAL 'None')))		
Remedial action: A configuration error has occurred that must be corrected. Use the CLI on the NE to enable persistency in the BOF. The discovery process will complete on the next discovery scan. A re-scan can be triggered immediately for the NE from within the discovery manager		

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Table 4-152 PhysicalRemoval

Alarm	Attributes	Applicable major releases
Name: PhysicalRemoval (5639) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.CardSlot	Severity: variable Implicitly cleared: true Default probable cause: IMPROPRMVL (2414)	<ul style="list-style-type: none"> • 6.0 • 7.0
Description: The alarm is raised when physical removal performed without logical removal .		
Remedial action: Physical Removal is done without logical removal, please issue RMV-EQPT- command before physically removing the equipment		

Table 4-153 PlmOduOut

Alarm	Attributes	Applicable major releases
Name: PlmOduOut (4528) Type: communicationsAlarm (4) Package: equipment Raised on class: equipment.PhysicalPort	Severity: variable Implicitly cleared: true Default probable cause: PlmOduOut (1748) Applicable probable causes: <ul style="list-style-type: none"> • PlmOduOut • PLMP 	<ul style="list-style-type: none"> • 6.0 • 7.0
Description: The alarm is raised when Outgoing Payload Mismatch Indication - ODU is detected.		
Remedial action: Please refer 1830 PSS Troubleshooting guide for detailed steps for corrective action.		

Table 4-154 PollerProblem

Alarm	Attributes	Applicable major releases
Name: PollerProblem (31) Type: communicationsAlarm (4) Package: netw Raised on class: netw.NetworkElement	Severity: warning Implicitly cleared: true Default probable cause: resyncFailed (24)	<ul style="list-style-type: none"> • 6.0 • 7.0

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Alarm	Attributes	Applicable major releases
Description: The alarm is raised when the 5620 SAM is unable to poll a network object, for example, because of intermittent or no IP connectivity to an NE, incorrect SNMP security parameters, or disabled SNMP on the NE.		
Raising condition: ('Resync Status' EQUAL 'Full Resync Failed')		
Clearing condition: ('Resync Status' EQUAL 'Full Resync Done')		
Remedial action: Informational - if the alarm persists or is occurring frequently then investigation is required to understand a) why the underlying transport network is unreliable or b) why the NE is too busy to respond to 5620 SAM or c) has SNMP been disabled on the NE. Once the issue has been resolved SAM will automatically re-attempt.		

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Table 4-155 PowerFailure

Alarm	Attributes	Applicable major releases
Name: PowerFailure (5641) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.CardSlot	Severity: variable Implicitly cleared: true Default probable cause: PWR (2417)	<ul style="list-style-type: none"> • 6.0 • 7.0
Description: The alarm is raised when a alarming equipment detects power failure.		
Remedial action: Power Failure Detected. Check the Power		

Table 4-156 PRCDRERR

Alarm	Attributes	Applicable major releases
Name: PRCDRERR (5638) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.CardSlot	Severity: variable Implicitly cleared: true Default probable cause: PRCDRERR (2413)	<ul style="list-style-type: none"> • 6.0 • 7.0
Description: The alarm is raised when a non compatible module inserted in to shelf.		
Remedial action: Not compatible module is inserted in to a shelf.Module is not consistent with HW slot/Sw assignment.Remove the Module.		

Table 4-157 PrimaryImageBootFailure

Alarm	Attributes	Applicable major releases
Name: PrimaryImageBootFailure (191) Type: configurationAlarm (11) Package: sw Raised on class: sw.CardSoftware	Severity: warning Implicitly cleared: true Default probable cause: bootOptionFileMisconfigured (150)	<ul style="list-style-type: none"> • 6.0 • 7.0

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Alarm	Attributes	Applicable major releases
Description: The alarm is raised when the primary software image specified in an NE BOF is unusable.		
Raising condition: (('imageSource' NOT EQUAL 'Primary') AND ('imageSource' NOT EQUAL 'Unknown'))		
Clearing condition: (('imageSource' EQUAL 'Primary') OR ('imageSource' EQUAL 'Unknown'))		
Remedial action: The SW image on the NE may have been inadvertently corrupted. Download a new copy of the SW image to the NE. If the problem persists contact Alcatel-Lucent support for assistance.		

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Table 4-158 RadiusOperStatusDown

Alarm	Attributes	Applicable major releases
Name: RadiusOperStatusDown (3692) Type: radiusOperStatusDownAlarm (105) Package: netw Raised on class: netw.NetworkElement	Severity: critical Implicitly cleared: true Default probable cause: radiusOperationStatusDown (1431)	<ul style="list-style-type: none"> • 6.0 • 7.0
Description: The alarm is raised when all RADIUS servers have gone down.		
Raising condition: ('Global RADIUS Operational State' EQUAL 'Down')		
Clearing condition: ('Global RADIUS Operational State' EQUAL 'Up')		
Remedial action: Verify the RADIUS server is properly configured and radius server state is up. Check the connectivity between SAM server and radius server configured on the Network element.		

Table 4-159 ReachabilityProblem

Alarm	Attributes	Applicable major releases
Name: ReachabilityProblem (243) Type: communicationsAlarm (4) Package: netw Raised on class: netw.NetworkElement	Severity: major Implicitly cleared: true Default probable cause: ReachabilityTestFailed (176)	<ul style="list-style-type: none"> • 6.0 • 7.0
Description: The alarm is raised when a mediation poll of the SysUpTimeAlarm object on an NE fails, for example, because of network congestion or because the NE is too busy to respond. The probable cause is an unreachable NE Mediation agent on the NE. The polling interval depends on the NE type and is configurable in nms-server.xml. By default, the 5620 SAM polls a managed NE every four minutes. If a poll fails, the alarm is raised. The alarm clears when the 5620 SAM receives a response from the NE, and the 5620 SAM GUI icon that represents the NE turns from red to green.		
Raising condition: ('SNMP Reachability' EQUAL 'Down')		
Remedial action: Informational - if the alarm persists or is occurring frequently then investigation is required to understand a) why the underlying transport network is unreliable or b) why the NE is too busy to respond to 5620 SAM or c) has SNMP been disabled on the NE. Once the issue has been resolved SAM will automatically re-attempt.		

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Table 4-160 ReadyToRevert (gmpls)

Alarm	Attributes	Applicable major releases
Name: ReadyToRevert (5586) Type: communicationsAlarm (4) Package: gmpls Raised on class: gmpls.SubnetworkConnection	Severity: warning Implicitly cleared: true Default probable cause: ReadyToRevert (2340)	<ul style="list-style-type: none"> • 6.0 • 7.0
Description: The alarm is raised when the nominal resources are available again, and a reversion can be done.		
Remedial action: Not Available.		

Table 4-161 ReceiveTimingFailure

Alarm	Attributes	Applicable major releases
Name: ReceiveTimingFailure (5643) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.CardSlot	Severity: variable Implicitly cleared: true Default probable cause: RCVTIMFAIL (2419)	<ul style="list-style-type: none"> • 6.0 • 7.0
Description: The alarm is raised when a received timing signal internally failed to be sent.		
Remedial action: A received timing signal internally failed to be sent to the MTX Card.		

Table 4-162 ReconfigFailure

Alarm	Attributes	Applicable major releases
Name: ReconfigFailure (1949) Type: communicationsAlarm (4) Package: netw Raised on class: netw.NetworkElement	Severity: critical Implicitly cleared: true Default probable cause: failedReconfig (937)	<ul style="list-style-type: none"> • 6.0 • 7.0
Description: This alarm is raised when the reconfig action failed.		
Raising condition: ('State' EQUAL 'Failed')		
Clearing condition: ('State' NOT EQUAL 'Failed')		
Remedial action: Verify that the object is configured as expected.		

Table 4-163 RemoteFailureIndication

Alarm	Attributes	Applicable major releases
Name: RemoteFailureIndication (4538) Type: communicationsAlarm (4) Package: equipment Raised on class: equipment.PhysicalPort	Severity: variable Implicitly cleared: true Default probable cause: LanRfi (1065)	<ul style="list-style-type: none"> • 6.0 • 7.0
Description: The alarm is raised when Remote Fault is detected.		
Remedial action: Please refer 1830 PSS Troubleshooting guide for detailed steps for corrective action.		

Table 4-164 RemoteInventoryMismatch

Alarm	Attributes	Applicable major releases
Name: RemoteInventoryMismatch (5644) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.Shelf	Severity: variable Implicitly cleared: true Default probable cause: RIMISMATCH (2420)	<ul style="list-style-type: none"> • 6.0 • 7.0
Description: The alarm is raised when Mismatch of the stored RI of FLC and BC.		
Remedial action: Mismatch of the stored Remote Inventory of the FLC and BTC		

Table 4-165 Rerouted

Alarm	Attributes	Applicable major releases
Name: Rerouted (8244) Type: communicationsAlarm (4) Package: gmpls Raised on class: gmpls.SubnetworkConnection	Severity: warning Implicitly cleared: true Default probable cause: Rerouted (2592)	<ul style="list-style-type: none"> • 6.0 • 7.0
Description: The alarm is raised when the current route of the LSP is not the nominal route.		
Remedial action: Not Available.		

Table 4-166 RerouteNotPossible

Alarm	Attributes	Applicable major releases
Name: RerouteNotPossible (8243) Type: communicationsAlarm (4) Package: gmpls Raised on class: gmpls.SubnetworkConnection	Severity: warning Implicitly cleared: true Default probable cause: RerouteNotPossible (2591)	<ul style="list-style-type: none"> • 6.0 • 7.0

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Alarm	Attributes	Applicable major releases
Description: The alarm is raised when no backup route can be found or activated for the SNC.		
Remedial action: Not Available.		

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Table 4-167 RightLanWronglyConnected

Alarm	Attributes	Applicable major releases
Name: RightLanWronglyConnected (5645) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.Shelf	Severity: variable Implicitly cleared: true Default probable cause: LANRIGHTRING (2421)	<ul style="list-style-type: none"> • 6.0 • 7.0
Description: The alarm is raised when Shelf neighbors are missing in right LAN.		
Remedial action: Right Lan Wrongly Connected.Check the LAN Connectivity		

Table 4-168 RSVPDegraded

Alarm	Attributes	Applicable major releases
Name: RSVPDegraded (8241) Type: communicationsAlarm (4) Package: gmpls Raised on class: gmpls.CPNode	Severity: warning Implicitly cleared: true Default probable cause: RSVPDegraded (2589)	<ul style="list-style-type: none"> • 6.0 • 7.0
Description: The alarm is raised when the communication to the neighbor node for RSVP traffic is not working.		
Remedial action: Not Available.		

Table 4-169 RSVPDown

Alarm	Attributes	Applicable major releases
Name: RSVPDown (8242) Type: communicationsAlarm (4) Package: gmpls Raised on class: gmpls.CPNode	Severity: major Implicitly cleared: true Default probable cause: RSVPDown (2590)	<ul style="list-style-type: none"> • 6.0 • 7.0
Description: The alarm is raised when the RSVP communication to the neighbor is down.		
Remedial action: Not Available.		

Table 4-170 SaveConfigFailed

Alarm	Attributes	Applicable major releases
Name: SaveConfigFailed (105) Type: configurationAlarm (11) Package: sw Raised on class: sw.BackupRestoreManager	Severity: major Implicitly cleared: true Default probable cause: fileAccessError (90)	<ul style="list-style-type: none"> • 6.0 • 7.0
Description: The alarm is raised when the admin save command on an NE fails.		
Raising condition: ('Config Save State' EQUAL 'Failure')		
Clearing condition: ('Config Save State' EQUAL 'Success')		
Remedial action: Attempt the admin save command a second time. If the problem persists please contact Alcatel-Lucent support for assistance.		

Table 4-171 ScheduledPollerProblem

Alarm	Attributes	Applicable major releases
Name: ScheduledPollerProblem (4386) Type: communicationsAlarm (4) Package: netw Raised on class: netw.NetworkElement	Severity: warning Implicitly cleared: true Default probable cause: scheduledResyncFailed (1569)	<ul style="list-style-type: none"> • 6.0 • 7.0
Description: The alarm is raised when the 5620 SAM is unable to poll a network object, for example, because of intermittent or no IP connectivity to an NE, incorrect SNMP security parameters, or disabled SNMP on the NE.		
Raising condition: ('Scheduled Resync Status' EQUAL 'Scheduled Resync Failed')		
Clearing condition: ('Scheduled Resync Status' EQUAL 'Scheduled Resync Done')		
Remedial action: Informational - if the alarm persists or is occurring frequently then investigation is required to understand a) why the underlying transport network is unreliable or b) why the NE is too busy to respond to 5620 SAM or c) has SNMP been disabled on the NE. Once the issue has been resolved SAM will automatically re-attempt.		

Table 4-172 ServerSignalFailureEth

Alarm	Attributes	Applicable major releases
Name: ServerSignalFailureEth (8085) Type: communicationsAlarm (4) Package: optical Raised on class: optical.GigeSpecifics	Severity: variable Implicitly cleared: true Default probable cause: SSFETH (2484)	<ul style="list-style-type: none"> • 6.0 • 7.0
Description: The alarm is raised when Egress Server Signal Failure detected on Transparently Transported GBEn.		
Remedial action: Egress Server Signal Failure detected on Transparently Transported GBEn.		

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Table 4-173 ServerSignalFailureOch

Alarm	Attributes	Applicable major releases
Name: ServerSignalFailureOch (8086) Type: communicationsAlarm (4) Package: optical Raised on class: optical.OTPortSpecifics	Severity: variable Implicitly cleared: true Default probable cause: SSFOCH (2485)	<ul style="list-style-type: none"> • 6.0 • 7.0
Description: The alarm is raised when server signal failure on Optical Channel detected.		
Remedial action: Server signal failure detected.		

Table 4-174 ServerSignalFailureOnLine

Alarm	Attributes	Applicable major releases
Name: ServerSignalFailureOnLine (8087) Type: communicationsAlarm (4) Package: optical Raised on class: optical.OCStmSpecifics	Severity: variable Implicitly cleared: true Default probable cause: SSFL (2486)	<ul style="list-style-type: none"> • 6.0 • 7.0
Description: The alarm is raised when Server Signal Failure detected.		
Remedial action: Server Signal Failure on line.		

Table 4-175 ServerSignalFailureOnPath

Alarm	Attributes	Applicable major releases
Name: ServerSignalFailureOnPath (8088) Type: communicationsAlarm (4) Package: optical Raised on class: optical.OpticalPortSpecifics	Severity: variable Implicitly cleared: true Default probable cause: SSFP (2487)	<ul style="list-style-type: none"> • 6.0 • 7.0
Description: The alarm is raised when Server Signal Failure detected.		
Remedial action: Server Signal Failure on path.		

Table 4-176 ServerSignalFailureOnSection

Alarm	Attributes	Applicable major releases
Name: ServerSignalFailureOnSection (8089) Type: communicationsAlarm (4) Package: optical Raised on class: optical.OpticalPortSpecifics	Severity: variable Implicitly cleared: true Default probable cause: SSFS (2488)	<ul style="list-style-type: none"> • 6.0 • 7.0

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Alarm	Attributes	Applicable major releases
Description: The alarm is raised when Server Signal Failure detected.		
Remedial action: Server Signal Failure on section.		

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Table 4-177 ServiceSiteDown

Alarm	Attributes	Applicable major releases
Name: ServiceSiteDown (97) Type: serviceAlarm (16) Package: service Raised on class: service.Site	Severity: critical Implicitly cleared: true Default probable cause: siteDown (83)	<ul style="list-style-type: none"> • 6.0 • 7.0
Description: The alarm is raised when all SAPs on a site are operationally down, or when the service tunnels for the site are operationally down.		
Raising condition: (('Operational State' NOT EQUAL 'Up') AND ('State Cause' NOT EQUAL 'All Spoke SDP Bindings are Standby'))		
Clearing condition: (('Operational State' EQUAL 'Up') OR ('State Cause' EQUAL 'All Spoke SDP Bindings are Standby'))		
Remedial action: The network resources (i.e. physical ports for SAPs, or physical ports/LSP) associated with the service site should be examined to determine if/why they are operationally down. The underlying transport network supporting the site may also be unreliable.		

Table 4-178 Servicing

Alarm	Attributes	Applicable major releases
Name: Servicing (5648) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.CardSlot	Severity: variable Implicitly cleared: true Default probable cause: SERVICING (2424)	<ul style="list-style-type: none"> • 6.0 • 7.0
Description: The alarm is raised when FLC is temporarily in Servicing State.		
Remedial action: Indicates that FLC is temporarily in Servicing State.		

Table 4-179 ShelfMixedOperationMode

Alarm	Attributes	Applicable major releases
Name: ShelfMixedOperationMode (5649) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.Shelf	Severity: variable Implicitly cleared: true Default probable cause: MIXOPERAT (2425)	<ul style="list-style-type: none"> • 6.0 • 7.0
Description: The alarm is raised when Shelf Operates in Mixed Operation Mode.		

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Alarm	Attributes	Applicable major releases
Remedial action: Shelf operates in mixed operation mode.		

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Table 4-180 ShelfOutage

Alarm	Attributes	Applicable major releases
Name: ShelfOutage (5650) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.Shelf	Severity: variable Implicitly cleared: true Default probable cause: SHTRANSFAIL (2426)	<ul style="list-style-type: none"> • 6.0 • 7.0
Description: The alarm is raised when complete Outage of Shelf.		
Remedial action: Complete Outage of Shelf Transmission Functionality. Replace the Shelf		

Table 4-181 ShelfUnAvailable

Alarm	Attributes	Applicable major releases
Name: ShelfUnAvailable (5651) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.Shelf	Severity: variable Implicitly cleared: true Default probable cause: SHELFUNAVAIL (2427)	<ul style="list-style-type: none"> • 6.0 • 7.0
Description: The alarm is raised when Shelf cannot be provisioned or supervised.		
Remedial action: The Shelf equipment cannot be provisioned or supervised at the moment.		

Table 4-182 ShelfUpgradeForMtx

Alarm	Attributes	Applicable major releases
Name: ShelfUpgradeForMtx (5652) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.Shelf	Severity: variable Implicitly cleared: true Default probable cause: UPGSWITCH (2428)	<ul style="list-style-type: none"> • 6.0 • 7.0
Description: The alarm is raised when Shelf ready for Matrix Size Upgrade.		
Remedial action: Shelf ready for MTX size upgrade.		

Table 4-183 ShutdownTemperatureDetected

Alarm	Attributes	Applicable major releases
Name: ShutdownTemperatureDetected (5653) Type: environmentalAlarm (2) Package: equipment Raised on class: equipment.Shelf	Severity: variable Implicitly cleared: true Default probable cause: THERMSHUTD (2429)	<ul style="list-style-type: none"> • 6.0 • 7.0
Description: The alarm is raised when the temperature exceeded the shutdown threshold.		
Remedial action: The temperature of components has exceeded the shutdown threshold.		

Table 4-184 SignalDegradеBitErrorRatio

Alarm	Attributes	Applicable major releases
Name: SignalDegradеBitErrorRatio (8090) Type: communicationsAlarm (4) Package: optical Raised on class: optical.OpticalPortSpecifics	Severity: variable Implicitly cleared: true Default probable cause: SDBER (2489)	<ul style="list-style-type: none"> • 6.0 • 7.0
Description: The alarm is raised when Bit Error Rate is greater than or equal to provisioned threshold.		
Remedial action: Bit Error Rate is greater than or equal to provisioned threshold.		

Table 4-185 SignalDegradеBitErrorRatioOnPath

Alarm	Attributes	Applicable major releases
Name: SignalDegradеBitErrorRatioOnPath (8119) Type: communicationsAlarm (4) Package: oth Raised on class: oth.Oduk	Severity: variable Implicitly cleared: true Default probable cause: SDBERP (2516)	<ul style="list-style-type: none"> • 6.0 • 7.0
Description: The alarm is raised when Bit Error Rate is greater than or equal to provisioned threshold.		
Remedial action: Bit Error Rate is greater than or equal to provisioned threshold.		

Table 4-186 SignalDegradеBitErrorRatioOnSection

Alarm	Attributes	Applicable major releases
Name: SignalDegradеBitErrorRatioOnSection (8120) Type: communicationsAlarm (4) Package: oth Raised on class: oth.Otuk	Severity: variable Implicitly cleared: true Default probable cause: SDBERS (2517)	<ul style="list-style-type: none"> • 6.0 • 7.0

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Alarm	Attributes	Applicable major releases
Description: The alarm is raised when Bit Error Rate is greater than or equal to provisioned threshold.		
Remedial action: Bit Error Rate is greater than or equal to provisioned threshold.		

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Table 4-187 SlippingTimeSignal

Alarm	Attributes	Applicable major releases
Name: SlippingTimeSignal (8091) Type: equipmentAlarm (3) Package: optical Raised on class: optical.LineReference	Severity: variable Implicitly cleared: true Default probable cause: SLTMSIG (1473)	<ul style="list-style-type: none"> • 6.0 • 7.0
Description: This alarm is raised the timing reference frequency has moved off the required accuracy limits.		
Remedial action: Informational - the timing reference frequency has moved off the required accuracy limits. Please contact Alcatel-Lucent support for assistance.		

Table 4-188 SNCInAutomaticRestorationDisabledMode

Alarm	Attributes	Applicable major releases
Name: SNCInAutomaticRestorationDisabledMode (8245) Type: communicationsAlarm (4) Package: gmpls Raised on class: gmpls.SubnetworkConnection	Severity: warning Implicitly cleared: true Default probable cause: SNCInAutomaticRestorationDisabledMode (2593)	<ul style="list-style-type: none"> • 6.0 • 7.0
Description: The alarm is raised when automatic restoration is disabled for this LSP.		
Remedial action: Not Available.		

Table 4-189 SNCPDegraded

Alarm	Attributes	Applicable major releases
Name: SNCPDegraded (8246) Type: communicationsAlarm (4) Package: gmpls Raised on class: gmpls.SubnetworkConnection	Severity: warning Implicitly cleared: true Default probable cause: SNCPDegraded (2594)	<ul style="list-style-type: none"> • 6.0 • 7.0
Description: The alarm is raised when the LSP is not 1+1 path protected.		
Remedial action: Not Available.		

Table 4-190 SoftRerouteInProgress

Alarm	Attributes	Applicable major releases
Name: SoftRerouteInProgress (8248) Type: communicationsAlarm (4) Package: gmpls Raised on class: gmpls.SubnetworkConnection	Severity: warning Implicitly cleared: true Default probable cause: SoftRerouteInProgress (2596)	<ul style="list-style-type: none"> • 6.0 • 7.0
Description: The alarm is raised when a soft-reroute for a tunnel LSP is active; it represents a maintenance state of the LSP.		
Remedial action: Not Available.		

Table 4-191 SoftwareDownloadInProgress

Alarm	Attributes	Applicable major releases
Name: SoftwareDownloadInProgress (5654) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.CardSlot	Severity: variable Implicitly cleared: true Default probable cause: SWDWN (2430)	<ul style="list-style-type: none"> • 6.0 • 7.0
Description: The alarm is raised when module is being downloaded with a sw.		
Remedial action: Indicate that the identified module is being download with a Software.		

Table 4-192 SoftwareVersionMismatch

Alarm	Attributes	Applicable major releases
Name: SoftwareVersionMismatch (2092) Type: communicationsAlarm (4) Package: equipment Raised on class: equipment.CardSlot	Severity: variable Implicitly cleared: true Default probable cause: SfMismatch (1072) Applicable probable causes: <ul style="list-style-type: none"> • SfMismatch • SWMISM 	<ul style="list-style-type: none"> • 6.0 • 7.0
Description: The alarm is raised when Software version mismatch is detected.		
Remedial action: This alarm is raised under the following conditions: a. The software on the alarmed card does not match the software on the nearest EC card because the card failed to update successfully. b. When all cards are not running the same software release. Please follow the below steps to clear this alarm(At the end of each step wait to see if the fault clears. If not proceed with the next step): 1. Find the software version number and release number on the EC card. Compare the corresponding number in the alarmed card. If it is not the same, download the software from EC to the alarmed card. 2. Contact your next level of support.		

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Table 4-193 SRGViolation

Alarm	Attributes	Applicable major releases
Name: SRGViolation (8247) Type: communicationsAlarm (4) Package: gmpls Raised on class: gmpls.SubnetworkConnection	Severity: warning Implicitly cleared: true Default probable cause: SRGViolation (2595)	<ul style="list-style-type: none"> • 6.0 • 7.0
Description: The alarm is raised when both legs (SNCP) of the LSP or the LSP to its diverse LSP are not SRG diverse. Also after a cut scenario if a new backup could not be SRG diverse (only link diverse) to the failure, the violation is raised.		
Remedial action: Not Available.		

Table 4-194 StandbyDbc

Alarm	Attributes	Applicable major releases
Name: StandbyDbc (5655) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.CardSlot	Severity: variable Implicitly cleared: true Default probable cause: STBYDBC (2432)	<ul style="list-style-type: none"> • 6.0 • 7.0
Description: The alarm is raised when the inactive FLC is unusable.		
Remedial action: The Contents of the mass storage device on the inactive FLC is corrupted and cannot be repaired		

Table 4-195 StatsRetrieveFailed

Alarm	Attributes	Applicable major releases
Name: StatsRetrieveFailed (244) Type: configurationAlarm (11) Package: sw Raised on class: sw.AccountingStatsRetrievalManager	Severity: major Implicitly cleared: false Default probable cause: fileTransferFailure (89)	<ul style="list-style-type: none"> • 6.0 • 7.0
Description: The alarm is raised when the 5620 SAM main or auxiliary server cannot transfer an accounting file from an NE.		
Raising condition: (('Stats Retrieval State' NOT EQUAL 'Success') AND ('Stats Retrieval State' NOT EQUAL 'Not Attempted'))		
Remedial action: Informational - if the alarm persists or is occurring frequently then investigation is required to understand a) why the underlying transport network is unreliable or b) why the NE is too busy or otherwise cannot respond to the 5620 SAM main or auxiliary server.		

Table 4-196 SubscriberSystemNextHopUsageHigh

Alarm	Attributes	Applicable major releases
Name: SubscriberSystemNextHopUsageHigh (5157) Type: thresholdCrossed (6) Package: netw Raised on class: netw.NetworkElement	Severity: minor Implicitly cleared: true Default probable cause: resourceFull (53)	<ul style="list-style-type: none"> • 6.0 • 7.0
Description: The alarm is raised when the IP next-hop usage by subscriber managed routes reaches its high watermark, cleared when it reaches its low watermark again; the watermarks are derived from the limit specified with the property subSysNextHopLimit.		
Raising condition: ('IP Next Hop Usage High' EQUAL 'true')		
Clearing condition: ('IP Next Hop Usage High' EQUAL 'false')		
Remedial action: The alarm is raised when the IP next-hop usage by subscriber managed routes reaches its high watermark, cleared when it reaches its low watermark again; the watermarks are derived from the limit specified with the property subSysNextHopLimit. There is no immediate effect, but when the usage actually hits the limit, new hosts will not get their managed routes.		

Table 4-197 SubSysChassMemoryUsageHi

Alarm	Attributes	Applicable major releases
Name: SubSysChassMemoryUsageHi (5656) Type: thresholdCrossed (6) Package: equipment Raised on class: equipment.Shelf	Severity: minor Implicitly cleared: true Default probable cause: resourceFull (53)	<ul style="list-style-type: none"> • 6.0 • 7.0
Description: This alarm is raised when the memory usage by subscriber management on this system or chassis reaches its high watermark ('true').		
Raising condition: ('Memory Usage High' EQUAL 'True')		
Clearing condition: (('Memory Usage High' EQUAL 'False') OR ('Memory Usage High' EQUAL 'unspecified'))		
Remedial action: The memory usage by subscriber management on this system has reached its high watermark. Please check your memory usage.		

Table 4-198 SyncEqpt

Alarm	Attributes	Applicable major releases
Name: SyncEqpt (4565) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.CardSlot	Severity: variable Implicitly cleared: true Default probable cause: SyncEqpt (1185)	<ul style="list-style-type: none"> • 6.0 • 7.0
Description: The alarm is raised when Synchronization equipment failure is detected.		
Remedial action: Refer Procedure : Clear Synchronization Equipment (CRU) failure alarm in 1830 PSS Troubleshooting guide.		

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Table 4-199 SyncOos

Alarm	Attributes	Applicable major releases
Name: SyncOos (3919) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.CardSlot	Severity: variable Implicitly cleared: true Default probable cause: SyncOos (1106)	<ul style="list-style-type: none"> • 6.0 • 7.0
Description: The alarm is raised when All selectable timing reference fail is detected.		
Remedial action: SYNCOOS (Timing reference failed (Not Protected or Protection not Available)) / SYNCOOS (Timing reference failed--system going into holdover).Check the timing reference quality and priority.Also, Check the reference status.		

Table 4-200 SyncRefFail

Alarm	Attributes	Applicable major releases
Name: SyncRefFail (3736) Type: equipmentAlarm (3) Package: optical Raised on class: optical.LineReference	Severity: variable Implicitly cleared: true Default probable cause: SyncRefFail (1474)	<ul style="list-style-type: none"> • 6.0 • 7.0
Description: The alarm is raised when timing reference fails. .		
Remedial action: Check the timing reference quality and priority.		

Table 4-201 SystemInitialization

Alarm	Attributes	Applicable major releases
Name: SystemInitialization (8070) Type: equipmentAlarm (3) Package: netw Raised on class: netw.NetworkElement	Severity: variable Implicitly cleared: true Default probable cause: INIT (2472)	<ul style="list-style-type: none"> • 6.0 • 7.0
Description: The alarm is raised to indicate that system initialization is currently in progress.		
Remedial action: System initialization is currently in progress.		

Table 4-202 SystemInitializationNewFailure

Alarm	Attributes	Applicable major releases
Name: SystemInitializationNewFailure (8071) Type: equipmentAlarm (3) Package: netw Raised on class: netw.NetworkElement	Severity: variable Implicitly cleared: true Default probable cause: INITNF (2473)	<ul style="list-style-type: none"> • 6.0 • 7.0
Description: The alarm is raised when system initialization failed during ISU.		
Remedial action: System initialization failed during ISU.		

Table 4-203 TBbeOdu

Alarm	Attributes	Applicable major releases
Name: TBbeOdu (8121) Type: qualityOfServiceAlarm (82) Package: oth Raised on class: oth.Oduk	Severity: variable Implicitly cleared: true Default probable cause: T_BBE_ODU (2518)	<ul style="list-style-type: none"> • 6.0 • 7.0
Description: The alarm is raised when the Threshold Crossing of Background Block Errors on ODU Layer is detected.		
Remedial action: The alarm is raised when the related TCA threshold is crossed. Check min/max range of valid values for this TCA in order to clear the alarm.		

Table 4-204 TBbeOdu15Min

Alarm	Attributes	Applicable major releases
Name: TBbeOdu15Min (3398) Type: qualityOfServiceAlarm (82) Package: equipment Raised on class: equipment.PhysicalPort	Severity: variable Implicitly cleared: true Default probable cause: T_BBE_ODU_15MIN (1227)	<ul style="list-style-type: none"> • 6.0 • 7.0
Description: The alarm is raised when Indicates a BBE-ODU Threshold Crossing detection is detected.		
Remedial action: The alarm is raised when the related TCA threshold is crossed. Check min/max range of valid values for this TCA in order to clear the alarm.		

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Table 4-205 TBbeOdu1Day

Alarm	Attributes	Applicable major releases
Name: TBbeOdu1Day (3399) Type: qualityOfServiceAlarm (82) Package: equipment Raised on class: equipment.PhysicalPort	Severity: variable Implicitly cleared: true Default probable cause: T_BBE_ODU_1DAY (1228)	<ul style="list-style-type: none"> • 6.0 • 7.0
Description: The alarm is raised when Indicates a BBE-ODU Threshold Crossing detection is detected.		
Remedial action: The alarm is raised when the related TCA threshold is crossed.Check min/max range of valid values for this TCA in order to clear the alarm.		

Table 4-206 TBbeOtu

Alarm	Attributes	Applicable major releases
Name: TBbeOtu (8122) Type: qualityOfServiceAlarm (82) Package: oth Raised on class: oth.Otuk	Severity: variable Implicitly cleared: true Default probable cause: T_BBE_OTU (2519)	<ul style="list-style-type: none"> • 6.0 • 7.0
Description: The alarm is raised when the Threshold Crossing of Background Block Errors on OTU Layer is detected.		
Remedial action: The alarm is raised when the related TCA threshold is crossed.Check min/max range of valid values for this TCA in order to clear the alarm.		

Table 4-207 TBbeOtu15Min

Alarm	Attributes	Applicable major releases
Name: TBbeOtu15Min (3400) Type: qualityOfServiceAlarm (82) Package: equipment Raised on class: equipment.PhysicalPort	Severity: variable Implicitly cleared: true Default probable cause: T_BBE_OTU_15MIN (1229)	<ul style="list-style-type: none"> • 6.0 • 7.0
Description: The alarm is raised when Indicates a BBE-OTU Threshold Crossing detection is detected.		
Remedial action: The alarm is raised when the related TCA threshold is crossed.Check min/max range of valid values for this TCA in order to clear the alarm.		

Table 4-208 TBbeOtu1Day

Alarm	Attributes	Applicable major releases
Name: TBbeOtu1Day (3401) Type: qualityOfServiceAlarm (82) Package: equipment Raised on class: equipment.PhysicalPort	Severity: variable Implicitly cleared: true Default probable cause: T_BBE_OTU_1DAY (1230)	<ul style="list-style-type: none"> • 6.0 • 7.0
Description: The alarm is raised when Indicates a BBE-OTU Threshold Crossing detection is detected.		
Remedial action: The alarm is raised when the related TCA threshold is crossed.Check min/max range of valid values for this TCA in order to clear the alarm.		

Table 4-209 TBbeRs15Min

Alarm	Attributes	Applicable major releases
Name: TBbeRs15Min (3406) Type: qualityOfServiceAlarm (82) Package: equipment Raised on class: equipment.PhysicalPort	Severity: variable Implicitly cleared: true Default probable cause: T_BBE_RS_15MIN (1235)	<ul style="list-style-type: none"> • 6.0 • 7.0
Description: The alarm is raised when Indicates a BBE-RS Threshold Crossing detection is detected.		
Remedial action: The alarm is raised when the related TCA threshold is crossed.Check min/max range of valid values for this TCA in order to clear the alarm.		

Table 4-210 TBbeRs1Day

Alarm	Attributes	Applicable major releases
Name: TBbeRs1Day (3407) Type: qualityOfServiceAlarm (82) Package: equipment Raised on class: equipment.PhysicalPort	Severity: variable Implicitly cleared: true Default probable cause: T_BBE_RS_1DAY (1236)	<ul style="list-style-type: none"> • 6.0 • 7.0
Description: The alarm is raised when Indicates a BBE-RS Threshold Crossing detection is detected.		
Remedial action: The alarm is raised when the related TCA threshold is crossed.Check min/max range of valid values for this TCA in order to clear the alarm.		

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Table 4-211 TCvs

Alarm	Attributes	Applicable major releases
Name: TCvs (8092) Type: qualityOfServiceAlarm (82) Package: optical Raised on class: optical.OCStmSpecifics	Severity: variable Implicitly cleared: true Default probable cause: T_CVS (2490)	<ul style="list-style-type: none"> • 6.0 • 7.0
Description: The alarm is raised when the Threshold Crossing of Code Violations on Section is detected.		
Remedial action: The alarm is raised when the related TCA threshold is crossed. Check min/max range of valid values for this TCA in order to clear the alarm.		

Table 4-212 TEsOdu

Alarm	Attributes	Applicable major releases
Name: TEsOdu (8123) Type: qualityOfServiceAlarm (82) Package: oth Raised on class: oth.Oduk	Severity: variable Implicitly cleared: true Default probable cause: T_ES_ODU (2520)	<ul style="list-style-type: none"> • 6.0 • 7.0
Description: The alarm is raised when the Threshold Crossing of Error Seconds on ODU Layer is detected.		
Remedial action: The alarm is raised when the related TCA threshold is crossed. Check min/max range of valid values for this TCA in order to clear the alarm.		

Table 4-213 TEsOdu15Min

Alarm	Attributes	Applicable major releases
Name: TEsOdu15Min (3430) Type: qualityOfServiceAlarm (82) Package: equipment Raised on class: equipment.PhysicalPort	Severity: variable Implicitly cleared: true Default probable cause: T_ES_ODU_15MIN (1259)	<ul style="list-style-type: none"> • 6.0 • 7.0
Description: The alarm is raised when Indicates ES-ODU Threshold Crossing detection is detected.		
Remedial action: The alarm is raised when the related TCA threshold is crossed. Check min/max range of valid values for this TCA in order to clear the alarm.		

Table 4-214 TEsOdu1Day

Alarm	Attributes	Applicable major releases
Name: TEsOdu1Day (3431) Type: qualityOfServiceAlarm (82) Package: equipment Raised on class: equipment.PhysicalPort	Severity: variable Implicitly cleared: true Default probable cause: T_ES_ODU_1DAY (1260)	<ul style="list-style-type: none"> • 6.0 • 7.0
Description: The alarm is raised when Indicates a ES-ODU Threshold Crossing detection is detected.		
Remedial action: The alarm is raised when the related TCA threshold is crossed.Check min/max range of valid values for this TCA in order to clear the alarm.		

Table 4-215 TEsOtu

Alarm	Attributes	Applicable major releases
Name: TEsOtu (8124) Type: qualityOfServiceAlarm (82) Package: oth Raised on class: oth.Otuk	Severity: variable Implicitly cleared: true Default probable cause: T_ES_OTU (2521)	<ul style="list-style-type: none"> • 6.0 • 7.0
Description: The alarm is raised when the Threshold Crossing of Error Seconds on OTU Layer is detected.		
Remedial action: The alarm is raised when the related TCA threshold is crossed.Check min/max range of valid values for this TCA in order to clear the alarm.		

Table 4-216 TEsOtu15Min

Alarm	Attributes	Applicable major releases
Name: TEsOtu15Min (3432) Type: qualityOfServiceAlarm (82) Package: equipment Raised on class: equipment.PhysicalPort	Severity: variable Implicitly cleared: true Default probable cause: T_ES_OTU_15MIN (1261)	<ul style="list-style-type: none"> • 6.0 • 7.0
Description: The alarm is raised when Indicates a ES-OTU Threshold Crossing detection is detected.		
Remedial action: The alarm is raised when the related TCA threshold is crossed.Check min/max range of valid values for this TCA in order to clear the alarm.		

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Table 4-217 TEsOtu1Day

Alarm	Attributes	Applicable major releases
Name: TEsOtu1Day (3433) Type: qualityOfServiceAlarm (82) Package: equipment Raised on class: equipment.PhysicalPort	Severity: variable Implicitly cleared: true Default probable cause: T_ES_OTU_1DAY (1262)	<ul style="list-style-type: none"> • 6.0 • 7.0
Description: The alarm is raised when Indicates a ES-OTU Threshold Crossing detection is detected.		
Remedial action: The alarm is raised when the related TCA threshold is crossed.Check min/max range of valid values for this TCA in order to clear the alarm.		

Table 4-218 TEsRs15Min

Alarm	Attributes	Applicable major releases
Name: TEsRs15Min (3442) Type: qualityOfServiceAlarm (82) Package: equipment Raised on class: equipment.PhysicalPort	Severity: variable Implicitly cleared: true Default probable cause: T_ES_RS_15MIN (1271)	<ul style="list-style-type: none"> • 6.0 • 7.0
Description: The alarm is raised when Indicates a ES-RS Threshold Crossing detection is detected.		
Remedial action: The alarm is raised when the related TCA threshold is crossed.Check min/max range of valid values for this TCA in order to clear the alarm.		

Table 4-219 TEsRs1Day

Alarm	Attributes	Applicable major releases
Name: TEsRs1Day (3443) Type: qualityOfServiceAlarm (82) Package: equipment Raised on class: equipment.PhysicalPort	Severity: variable Implicitly cleared: true Default probable cause: T_ES_RS_1DAY (1272)	<ul style="list-style-type: none"> • 6.0 • 7.0
Description: The alarm is raised when Indicates a ES-RS Threshold Crossing detection is detected.		
Remedial action: The alarm is raised when the related TCA threshold is crossed.Check min/max range of valid values for this TCA in order to clear the alarm.		

Table 4-220 TEss

Alarm	Attributes	Applicable major releases
Name: TEss (8093) Type: qualityOfServiceAlarm (82) Package: optical Raised on class: optical.OCStmSpecifics	Severity: variable Implicitly cleared: true Default probable cause: T_ESS (2491)	<ul style="list-style-type: none"> • 6.0 • 7.0
Description: The alarm is raised when the Threshold Crossing of Errored Seconds on Section is detected.		
Remedial action: The alarm is raised when the related TCA threshold is crossed. Check min/max range of valid values for this TCA in order to clear the alarm.		

Table 4-221 TestModeEnabled

Alarm	Attributes	Applicable major releases
Name: TestModeEnabled (8249) Type: communicationsAlarm (4) Package: gmpls Raised on class: gmpls.SubnetworkConnection	Severity: warning Implicitly cleared: true Default probable cause: TestModeEnabled (2597)	<ul style="list-style-type: none"> • 6.0 • 7.0
Description: The alarm is raised when the LSP is in test mode and 'frozen' to its current route.		
Remedial action: Not Available.		

Table 4-222 TFecc

Alarm	Attributes	Applicable major releases
Name: TFecc (8125) Type: qualityOfServiceAlarm (82) Package: oth Raised on class: oth.Otuk	Severity: variable Implicitly cleared: true Default probable cause: T_FECC (2522)	<ul style="list-style-type: none"> • 6.0 • 7.0
Description: The alarm is raised when the Threshold Crossing of FEC Errors Corrected on OTU Layer is detected.		
Remedial action: The alarm is raised when the related TCA threshold is crossed. Check min/max range of valid values for this TCA in order to clear the alarm.		

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Table 4-223 TFecc15Min

Alarm	Attributes	Applicable major releases
Name: TFecc15Min (3480) Type: qualityOfServiceAlarm (82) Package: equipment Raised on class: equipment.PhysicalPort	Severity: variable Implicitly cleared: true Default probable cause: T_FECC_15MIN (1309)	<ul style="list-style-type: none"> • 6.0 • 7.0
Description: The alarm is raised when Indicates a FECC Threshold Crossing detection is detected.		
Remedial action: The alarm is raised when the related TCA threshold is crossed.Check min/max range of valid values for this TCA in order to clear the alarm.		

Table 4-224 TFecc1Day

Alarm	Attributes	Applicable major releases
Name: TFecc1Day (3481) Type: qualityOfServiceAlarm (82) Package: equipment Raised on class: equipment.PhysicalPort	Severity: variable Implicitly cleared: true Default probable cause: T_FECC_1DAY (1310)	<ul style="list-style-type: none"> • 6.0 • 7.0
Description: The alarm is raised when Indicates a FECC Threshold Crossing detection is detected.		
Remedial action: The alarm is raised when the related TCA threshold is crossed.Check min/max range of valid values for this TCA in order to clear the alarm.		

Table 4-225 TOfsRs15Min

Alarm	Attributes	Applicable major releases
Name: TOfsRs15Min (5657) Type: qualityOfServiceAlarm (82) Package: equipment Raised on class: equipment.PhysicalPort	Severity: variable Implicitly cleared: true Default probable cause: T_OFS_RS_15MIN (2433)	<ul style="list-style-type: none"> • 6.0 • 7.0
Description: The alarm is raised when Indicates a OFS-RS Threshold Crossing detection is detected.		
Remedial action: The alarm is raised when the related TCA threshold is crossed.Check min/max range of valid values for this TCA in order to clear the alarm.		

Table 4-226 TOFsRs1Day

Alarm	Attributes	Applicable major releases
Name: TOFsRs1Day (5658) Type: qualityOfServiceAlarm (82) Package: equipment Raised on class: equipment.PhysicalPort	Severity: variable Implicitly cleared: true Default probable cause: T_OFS_RS_1DAY (2434)	<ul style="list-style-type: none"> • 6.0 • 7.0
Description: The alarm is raised when Indicates a OFS-RS Threshold Crossing detection is detected.		
Remedial action: The alarm is raised when the related TCA threshold is crossed.Check min/max range of valid values for this TCA in order to clear the alarm.		

Table 4-227 TOprh

Alarm	Attributes	Applicable major releases
Name: TOprh (8094) Type: qualityOfServiceAlarm (82) Package: optical Raised on class: optical.OTPortSpecifics	Severity: variable Implicitly cleared: true Default probable cause: T_OPR_H (2492)	<ul style="list-style-type: none"> • 6.0 • 7.0
Description: The alarm is raised when the Threshold Crossing of Optical Power Received (High) is detected.		
Remedial action: The alarm is raised when the related TCA threshold is crossed.Check min/max range of valid values for this TCA in order to clear the alarm.		

Table 4-228 TOprh15Min

Alarm	Attributes	Applicable major releases
Name: TOprh15Min (3484) Type: qualityOfServiceAlarm (82) Package: equipment Raised on class: equipment.PhysicalPort	Severity: variable Implicitly cleared: true Default probable cause: T_OPRH_15MIN (1313)	<ul style="list-style-type: none"> • 6.0 • 7.0
Description: The alarm is raised when Indicates a OPRH tidemark Threshold Crossing detection is detected.		
Remedial action: The alarm is raised when the related TCA threshold is crossed.Check min/max range of valid values for this TCA in order to clear the alarm.		

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Table 4-229 TOprh1Day

Alarm	Attributes	Applicable major releases
Name: TOprh1Day (3485) Type: qualityOfServiceAlarm (82) Package: equipment Raised on class: equipment.PhysicalPort	Severity: variable Implicitly cleared: true Default probable cause: T_OPRH_1DAY (1314)	<ul style="list-style-type: none"> • 6.0 • 7.0
Description: The alarm is raised when Indicates a OPRH tidemark Threshold Crossing detection is detected.		
Remedial action: The alarm is raised when the related TCA threshold is crossed.Check min/max range of valid values for this TCA in order to clear the alarm.		

Table 4-230 TOprl

Alarm	Attributes	Applicable major releases
Name: TOprl (8095) Type: qualityOfServiceAlarm (82) Package: optical Raised on class: optical.OTPortSpecifics	Severity: variable Implicitly cleared: true Default probable cause: T_OPR_L (2493)	<ul style="list-style-type: none"> • 6.0 • 7.0
Description: The alarm is raised when the Threshold Crossing of Optical Power Received (Low) is detected.		
Remedial action: The alarm is raised when the related TCA threshold is crossed.Check min/max range of valid values for this TCA in order to clear the alarm.		

Table 4-231 TOprl15Min

Alarm	Attributes	Applicable major releases
Name: TOprl15Min (3486) Type: qualityOfServiceAlarm (82) Package: equipment Raised on class: equipment.PhysicalPort	Severity: variable Implicitly cleared: true Default probable cause: T_OPRL_15MIN (1315)	<ul style="list-style-type: none"> • 6.0 • 7.0
Description: The alarm is raised when Indicates a OPRL tidemark Threshold Crossing detection is detected.		
Remedial action: The alarm is raised when the related TCA threshold is crossed.Check min/max range of valid values for this TCA in order to clear the alarm.		

Table 4-232 TOpr1Day

Alarm	Attributes	Applicable major releases
Name: TOpr1Day (3487) Type: qualityOfServiceAlarm (82) Package: equipment Raised on class: equipment.PhysicalPort	Severity: variable Implicitly cleared: true Default probable cause: T_OPRL_1DAY (1316)	<ul style="list-style-type: none"> • 6.0 • 7.0
Description: The alarm is raised when Indicates a OPRL tidemark Threshold Crossing detection is detected.		
Remedial action: The alarm is raised when the related TCA threshold is crossed.Check min/max range of valid values for this TCA in order to clear the alarm.		

Table 4-233 TOpth

Alarm	Attributes	Applicable major releases
Name: TOpth (8096) Type: qualityOfServiceAlarm (82) Package: optical Raised on class: optical.OTPortSpecifics	Severity: variable Implicitly cleared: true Default probable cause: T_OPT_H (2494)	<ul style="list-style-type: none"> • 6.0 • 7.0
Description: The alarm is raised when the Threshold Crossing of Optical Power Transmitted (High) is detected.		
Remedial action: The alarm is raised when the related TCA threshold is crossed.Check min/max range of valid values for this TCA in order to clear the alarm.		

Table 4-234 TOpth15Min

Alarm	Attributes	Applicable major releases
Name: TOpth15Min (3488) Type: qualityOfServiceAlarm (82) Package: equipment Raised on class: equipment.PhysicalPort	Severity: variable Implicitly cleared: true Default probable cause: T_OPTH_15MIN (1317)	<ul style="list-style-type: none"> • 6.0 • 7.0
Description: The alarm is raised when Indicates a OPTH tidemark Threshold Crossing detection is detected.		
Remedial action: The alarm is raised when the related TCA threshold is crossed.Check min/max range of valid values for this TCA in order to clear the alarm.		

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Table 4-235 TOptH1Day

Alarm	Attributes	Applicable major releases
Name: TOptH1Day (3489) Type: qualityOfServiceAlarm (82) Package: equipment Raised on class: equipment.PhysicalPort	Severity: variable Implicitly cleared: true Default probable cause: T_OPTH_1DAY (1318)	<ul style="list-style-type: none"> • 6.0 • 7.0
Description: The alarm is raised when Indicates a OPTH tidemark Threshold Crossing detection is detected.		
Remedial action: The alarm is raised when the related TCA threshold is crossed.Check min/max range of valid values for this TCA in order to clear the alarm.		

Table 4-236 TOptL

Alarm	Attributes	Applicable major releases
Name: TOptL (8097) Type: qualityOfServiceAlarm (82) Package: optical Raised on class: optical.OTPortSpecifics	Severity: variable Implicitly cleared: true Default probable cause: T_OPT_L (2495)	<ul style="list-style-type: none"> • 6.0 • 7.0
Description: The alarm is raised when the Threshold Crossing of Optical Power Transmitted (Low) is detected.		
Remedial action: The alarm is raised when the related TCA threshold is crossed.Check min/max range of valid values for this TCA in order to clear the alarm.		

Table 4-237 TOptL15Min

Alarm	Attributes	Applicable major releases
Name: TOptL15Min (3490) Type: qualityOfServiceAlarm (82) Package: equipment Raised on class: equipment.PhysicalPort	Severity: variable Implicitly cleared: true Default probable cause: T_OPTL_15MIN (1319)	<ul style="list-style-type: none"> • 6.0 • 7.0
Description: The alarm is raised when Indicates a OPTL tidemark Threshold Crossing detection is detected.		
Remedial action: The alarm is raised when the related TCA threshold is crossed.Check min/max range of valid values for this TCA in order to clear the alarm.		

Table 4-238 TOpt1Day

Alarm	Attributes	Applicable major releases
Name: TOpt1Day (3491) Type: qualityOfServiceAlarm (82) Package: equipment Raised on class: equipment.PhysicalPort	Severity: variable Implicitly cleared: true Default probable cause: T_OPTL_1DAY (1320)	<ul style="list-style-type: none"> • 6.0 • 7.0
Description: The alarm is raised when Indicates a OPTL tidemark Threshold Crossing detection is detected.		
Remedial action: The alarm is raised when the related TCA threshold is crossed. Check min/max range of valid values for this TCA in order to clear the alarm.		

Table 4-239 TrailTracelIdentifierMismatchOnPath

Alarm	Attributes	Applicable major releases
Name: TrailTracelIdentifierMismatchOnPath (8102) Type: communicationsAlarm (4) Package: optical Raised on class: optical.OpticalPortSpecifics	Severity: variable Implicitly cleared: true Default probable cause: TIMP (2500)	<ul style="list-style-type: none"> • 6.0 • 7.0
Description: The alarm is raised when Trail Trace Identifier Mismatch on Path detected.		
Remedial action: Trail Trace Identifier Mismatch on path detected.		

Table 4-240 TrailTracelIdentifierMismatchOnSection

Alarm	Attributes	Applicable major releases
Name: TrailTracelIdentifierMismatchOnSection (8103) Type: communicationsAlarm (4) Package: optical Raised on class: optical.OpticalPortSpecifics	Severity: variable Implicitly cleared: true Default probable cause: TIMS (2501)	<ul style="list-style-type: none"> • 6.0 • 7.0
Description: The alarm is raised when Trail Trace Identifier Mismatch on Section detected.		
Remedial action: Trail Trace Identifier Mismatch on section detected.		

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Table 4-241 TrapDestinationMisconfigured

Alarm	Attributes	Applicable major releases
Name: TrapDestinationMisconfigured (33) Type: configurationAlarm (11) Package: netw Raised on class: netw.NetworkElement	Severity: major Implicitly cleared: true Default probable cause: trapDestinationMisconfigured (26) Applicable probable causes: <ul style="list-style-type: none"> trapDestinationMisconfigured duplicateTrapLogId 	<ul style="list-style-type: none"> 6.0 7.0
Description: The alarm is raised when the 5620 SAM cannot be added to the NE's SNMP trap destinations.		
Raising condition: ('isTrapDestinationMisconfigured' EQUAL 'true')		
Clearing condition: ('isTrapDestinationMisconfigured' EQUAL 'false')		
Remedial action: A configuration error has been made which must be corrected. The SNMP trap destination on the NE must be configured to the IP address of the SAM server.		

Table 4-242 TrapReceivingFailure

Alarm	Attributes	Applicable major releases
Name: TrapReceivingFailure (1083) Type: communications (87) Package: netw Raised on class: netw.NetworkElement	Severity: major Implicitly cleared: false Default probable cause: trapsWillNotBeSent (822)	<ul style="list-style-type: none"> 6.0 7.0
Description: This user-defined alarm is raised when the NE is unable to send traps because the NE configuration is one of the following: - The Management IP Selection is set to Out Of Band Only, the Primary Route Preference is set to In Band, and the Secondary Route Preference is set to None. - The Management IP Selection is set to In Band Only, the Primary Route Preference is set to Out Of Band, and the Secondary Route Preference is set to None.		
Raising condition: (((('Active Management IP' EQUAL 'In Band') AND ('Management IP Selection' EQUAL 'In Band Only') AND ('Primary Route Preference' EQUAL 'Out Of Band') AND ('Secondary Route Preference' EQUAL 'None')) OR (('Active Management IP' EQUAL 'Out Of Band') AND ('Management IP Selection' EQUAL 'Out Of Band Only') AND ('Primary Route Preference' EQUAL 'In Band') AND ('Secondary Route Preference' EQUAL 'None')) OR (('Active Management IP' EQUAL 'Out Of Band') AND ('Management IP Selection' EQUAL 'In Band Preferred') AND ('Primary Route Preference' EQUAL 'In Band') AND ('Secondary Route Preference' EQUAL 'None')) OR (('Active Management IP' EQUAL 'In Band') AND ('Management IP Selection' EQUAL 'Out Of Band Preferred') AND ('Primary Route Preference' EQUAL 'Out Of Band') AND ('Secondary Route Preference' EQUAL 'None'))))		
Clearing condition: (((('Active Management IP' EQUAL 'In Band') AND ('Management IP Selection' EQUAL 'In Band Only') AND (('Primary Route Preference' EQUAL 'In Band') OR ('Secondary Route Preference' EQUAL 'In Band')) OR (('Active Management IP' EQUAL 'Out Of Band') AND ('Management IP Selection' EQUAL 'Out Of Band Only') AND (('Primary Route Preference' EQUAL 'Out Of Band') OR ('Secondary Route Preference' EQUAL 'Out Of Band')) OR (('Active Management IP' EQUAL 'Out Of Band') AND ('Management IP Selection' EQUAL 'In Band Preferred') AND (('Primary Route Preference' EQUAL 'In Band') OR ('Secondary Route Preference' EQUAL 'In Band')) OR (('Active Management IP' EQUAL 'In Band') AND ('Management IP Selection' EQUAL 'Out Of Band Preferred') AND (('Primary Route Preference' EQUAL 'In Band') OR ('Secondary Route Preference' EQUAL 'In Band')) OR (('Active Management IP' EQUAL 'Out Of Band') AND ('Management IP Selection' EQUAL 'Out Of Band Preferred') AND (('Primary Route Preference' EQUAL 'Out Of Band') OR ('Secondary Route Preference' EQUAL 'Out Of Band'))))		
Remedial action: A configuration error has been made which must be corrected. The configuration error must be corrected per the discussion in the description for this alarm.		

Table 4-243 TrapRoutePreferenceRedundancyMissing

Alarm	Attributes	Applicable major releases
Name: TrapRoutePreferenceRedundancyMissing (1084) Type: communications (87) Package: netw Raised on class: netw.NetworkElement	Severity: warning Implicitly cleared: true Default probable cause: trapsRedundancyMissing (823)	<ul style="list-style-type: none"> 6.0 7.0
Description: The user-defined alarm is raised when NE management redundancy is configured without trap route preference redundancy.		
Raising condition: (((('Management IP Selection' EQUAL 'In Band Preferred') AND ('Active Management IP' EQUAL 'In Band') AND ('Primary Route Preference' EQUAL 'In Band') AND ('Secondary Route Preference' EQUAL 'None')) OR (('Management IP Selection' EQUAL 'Out Of Band Preferred') AND ('Active Management IP' EQUAL 'Out Of Band') AND ('Primary Route Preference' EQUAL 'Out Of Band') AND ('Secondary Route Preference' EQUAL 'None'))))		
Clearing condition: (((('Management IP Selection' EQUAL 'In Band Preferred') AND ('Active Management IP' EQUAL 'In Band') AND ('Secondary Route Preference' NOT EQUAL 'None')) OR (('Management IP Selection' EQUAL 'Out Of Band Preferred') AND ('Active Management IP' EQUAL 'Out Of Band') AND ('Secondary Route Preference' NOT EQUAL 'None'))))		
Remedial action: A configuration error has been made which must be corrected. The IP address of the standby SAM server must be configured on the NE in question.		

Table 4-244 TSeffs

Alarm	Attributes	Applicable major releases
Name: TSeffs (8098) Type: qualityOfServiceAlarm (82) Package: optical Raised on class: optical.OCStmSpecifics	Severity: variable Implicitly cleared: true Default probable cause: T_SEFSS (2496)	<ul style="list-style-type: none"> 6.0 7.0
Description: The alarm is raised when the Threshold Crossing of Severely Errored Frame Seconds on Section is detected.		
Remedial action: The alarm is raised when the related TCA threshold is crossed. Check min/max range of valid values for this TCA in order to clear the alarm.		

Table 4-245 TSesOdu

Alarm	Attributes	Applicable major releases
Name: TSesOdu (8126) Type: qualityOfServiceAlarm (82) Package: oth Raised on class: oth.Oduk	Severity: variable Implicitly cleared: true Default probable cause: T_SES_ODU (2523)	<ul style="list-style-type: none"> 6.0 7.0
Description: The alarm is raised when the Threshold Crossing of Severely Errored Seconds on ODU Layer is detected.		
Remedial action: The alarm is raised when the related TCA threshold is crossed. Check min/max range of valid values for this TCA in order to clear the alarm.		

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Table 4-246 TSesOdu15Min

Alarm	Attributes	Applicable major releases
Name: TSesOdu15Min (3512) Type: qualityOfServiceAlarm (82) Package: equipment Raised on class: equipment.PhysicalPort	Severity: variable Implicitly cleared: true Default probable cause: T_SES_ODU_15MIN (1341)	<ul style="list-style-type: none"> • 6.0 • 7.0
Description: The alarm is raised when Indicates a SES-ODU Threshold Crossing detection is detected.		
Remedial action: The alarm is raised when the related TCA threshold is crossed.Check min/max range of valid values for this TCA in order to clear the alarm.		

Table 4-247 TSesOdu1Day

Alarm	Attributes	Applicable major releases
Name: TSesOdu1Day (3513) Type: qualityOfServiceAlarm (82) Package: equipment Raised on class: equipment.PhysicalPort	Severity: variable Implicitly cleared: true Default probable cause: T_SES_ODU_1DAY (1342)	<ul style="list-style-type: none"> • 6.0 • 7.0
Description: The alarm is raised when Indicates a SES-ODU Threshold Crossing detection is detected.		
Remedial action: The alarm is raised when the related TCA threshold is crossed.Check min/max range of valid values for this TCA in order to clear the alarm.		

Table 4-248 TSesOtu

Alarm	Attributes	Applicable major releases
Name: TSesOtu (8127) Type: qualityOfServiceAlarm (82) Package: oth Raised on class: oth.Otuk	Severity: variable Implicitly cleared: true Default probable cause: T_SES_OTU (2524)	<ul style="list-style-type: none"> • 6.0 • 7.0
Description: The alarm is raised when the Threshold Crossing of Severely Errored Seconds on OTU Layer is detected.		
Remedial action: The alarm is raised when the related TCA threshold is crossed.Check min/max range of valid values for this TCA in order to clear the alarm.		

Table 4-249 TSesOtu15Min

Alarm	Attributes	Applicable major releases
Name: TSesOtu15Min (3514) Type: qualityOfServiceAlarm (82) Package: equipment Raised on class: equipment.PhysicalPort	Severity: variable Implicitly cleared: true Default probable cause: T_SES_OTU_15MIN (1343)	<ul style="list-style-type: none"> • 6.0 • 7.0
Description: The alarm is raised when Indicates a SES-OTU Threshold Crossing detection is detected.		
Remedial action: The alarm is raised when the related TCA threshold is crossed.Check min/max range of valid values for this TCA in order to clear the alarm.		

Table 4-250 TSesOtu1Day

Alarm	Attributes	Applicable major releases
Name: TSesOtu1Day (3515) Type: qualityOfServiceAlarm (82) Package: equipment Raised on class: equipment.PhysicalPort	Severity: variable Implicitly cleared: true Default probable cause: T_SES_OTU_1DAY (1344)	<ul style="list-style-type: none"> • 6.0 • 7.0
Description: The alarm is raised when Indicates a SES-OTU Threshold Crossing detection is detected.		
Remedial action: The alarm is raised when the related TCA threshold is crossed.Check min/max range of valid values for this TCA in order to clear the alarm.		

Table 4-251 TSesRs15Min

Alarm	Attributes	Applicable major releases
Name: TSesRs15Min (3524) Type: qualityOfServiceAlarm (82) Package: equipment Raised on class: equipment.PhysicalPort	Severity: variable Implicitly cleared: true Default probable cause: T_SES_RS_15MIN (1353)	<ul style="list-style-type: none"> • 6.0 • 7.0
Description: The alarm is raised when Indicates a SES-RS Threshold Crossing detection is detected.		
Remedial action: The alarm is raised when the related TCA threshold is crossed.Check min/max range of valid values for this TCA in order to clear the alarm.		

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Table 4-252 TSesRs1Day

Alarm	Attributes	Applicable major releases
Name: TSesRs1Day (3525) Type: qualityOfServiceAlarm (82) Package: equipment Raised on class: equipment.PhysicalPort	Severity: variable Implicitly cleared: true Default probable cause: T_SES_RS_1DAY (1354)	<ul style="list-style-type: none"> • 6.0 • 7.0
Description: The alarm is raised when Indicates a SES-RS Threshold Crossing detection is detected.		
Remedial action: The alarm is raised when the related TCA threshold is crossed. Check min/max range of valid values for this TCA in order to clear the alarm.		

Table 4-253 TSess

Alarm	Attributes	Applicable major releases
Name: TSess (8099) Type: qualityOfServiceAlarm (82) Package: optical Raised on class: optical.OCStmSpecifics	Severity: variable Implicitly cleared: true Default probable cause: T_SESS (2497)	<ul style="list-style-type: none"> • 6.0 • 7.0
Description: The alarm is raised when the Threshold Crossing of Severely Errored Seconds on Section is detected.		
Remedial action: The alarm is raised when the related TCA threshold is crossed. Check min/max range of valid values for this TCA in order to clear the alarm.		

Table 4-254 TUasOdu

Alarm	Attributes	Applicable major releases
Name: TUasOdu (8128) Type: qualityOfServiceAlarm (82) Package: oth Raised on class: oth.Oduk	Severity: variable Implicitly cleared: true Default probable cause: T_UAS_ODU (2525)	<ul style="list-style-type: none"> • 6.0 • 7.0
Description: The alarm is raised when the Threshold Crossing of Unavailable Seconds on ODU Layer is detected.		
Remedial action: The alarm is raised when the related TCA threshold is crossed. Check min/max range of valid values for this TCA in order to clear the alarm.		

Table 4-255 TUasOdu15Min

Alarm	Attributes	Applicable major releases
Name: TUasOdu15Min (3534) Type: qualityOfServiceAlarm (82) Package: equipment Raised on class: equipment.PhysicalPort	Severity: variable Implicitly cleared: true Default probable cause: T_UAS_ODU_15MIN (1363)	<ul style="list-style-type: none"> • 6.0 • 7.0
Description: The alarm is raised when Indicates a UAS-ODU Threshold Crossing detection is detected.		
Remedial action: The alarm is raised when the related TCA threshold is crossed.Check min/max range of valid values for this TCA in order to clear the alarm.		

Table 4-256 TUasOdu1Day

Alarm	Attributes	Applicable major releases
Name: TUasOdu1Day (3535) Type: qualityOfServiceAlarm (82) Package: equipment Raised on class: equipment.PhysicalPort	Severity: variable Implicitly cleared: true Default probable cause: T_UAS_ODU_1DAY (1364)	<ul style="list-style-type: none"> • 6.0 • 7.0
Description: The alarm is raised when Indicates a UAS-ODU Threshold Crossing detection is detected.		
Remedial action: The alarm is raised when the related TCA threshold is crossed.Check min/max range of valid values for this TCA in order to clear the alarm.		

Table 4-257 TUasOtu

Alarm	Attributes	Applicable major releases
Name: TUasOtu (8129) Type: qualityOfServiceAlarm (82) Package: oth Raised on class: oth.Otuk	Severity: variable Implicitly cleared: true Default probable cause: T_UAS_OTU (2526)	<ul style="list-style-type: none"> • 6.0 • 7.0
Description: The alarm is raised when the Threshold Crossing of Unavailable Seconds on OTU Layer is detected.		
Remedial action: The alarm is raised when the related TCA threshold is crossed.Check min/max range of valid values for this TCA in order to clear the alarm.		

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Table 4-258 TUasOtu15Min

Alarm	Attributes	Applicable major releases
Name: TUasOtu15Min (3536) Type: qualityOfServiceAlarm (82) Package: equipment Raised on class: equipment.PhysicalPort	Severity: variable Implicitly cleared: true Default probable cause: T_UAS_OTU_15MIN (1365)	<ul style="list-style-type: none"> • 6.0 • 7.0
Description: The alarm is raised when Indicates a UAS-OTU Threshold Crossing detection is detected.		
Remedial action: The alarm is raised when the related TCA threshold is crossed.Check min/max range of valid values for this TCA in order to clear the alarm.		

Table 4-259 TUasOtu1Day

Alarm	Attributes	Applicable major releases
Name: TUasOtu1Day (3537) Type: qualityOfServiceAlarm (82) Package: equipment Raised on class: equipment.PhysicalPort	Severity: variable Implicitly cleared: true Default probable cause: T_UAS_OTU_1DAY (1366)	<ul style="list-style-type: none"> • 6.0 • 7.0
Description: The alarm is raised when Indicates a UAS-OTU Threshold Crossing detection is detected.		
Remedial action: The alarm is raised when the related TCA threshold is crossed.Check min/max range of valid values for this TCA in order to clear the alarm.		

Table 4-260 TUasRs15Min

Alarm	Attributes	Applicable major releases
Name: TUasRs15Min (3542) Type: qualityOfServiceAlarm (82) Package: equipment Raised on class: equipment.PhysicalPort	Severity: variable Implicitly cleared: true Default probable cause: T_UAS_RS_15MIN (1371)	<ul style="list-style-type: none"> • 6.0 • 7.0
Description: The alarm is raised when Indicates a UAS-RS Threshold Crossing detection is detected.		
Remedial action: The alarm is raised when the related TCA threshold is crossed.Check min/max range of valid values for this TCA in order to clear the alarm.		

Table 4-261 TUasRs1Day

Alarm	Attributes	Applicable major releases
Name: TUasRs1Day (3543) Type: qualityOfServiceAlarm (82) Package: equipment Raised on class: equipment.PhysicalPort	Severity: variable Implicitly cleared: true Default probable cause: T_UAS_RS_1DAY (1372)	<ul style="list-style-type: none"> • 6.0 • 7.0
Description: The alarm is raised when Indicates a UAS-RS Threshold Crossing detection is detected.		
Remedial action: The alarm is raised when the related TCA threshold is crossed.Check min/max range of valid values for this TCA in order to clear the alarm.		

Table 4-262 TUass

Alarm	Attributes	Applicable major releases
Name: TUass (8100) Type: qualityOfServiceAlarm (82) Package: optical Raised on class: optical.OCStmSpecifics	Severity: variable Implicitly cleared: true Default probable cause: T_UASS (2498)	<ul style="list-style-type: none"> • 6.0 • 7.0
Description: The alarm is raised when the Threshold Crossing of Unavailable Seconds on Section is detected.		
Remedial action: The alarm is raised when the related TCA threshold is crossed.Check min/max range of valid values for this TCA in order to clear the alarm.		

Table 4-263 UnavailableTimeOdu

Alarm	Attributes	Applicable major releases
Name: UnavailableTimeOdu (8130) Type: communicationsAlarm (4) Package: oth Raised on class: oth.Oduk	Severity: variable Implicitly cleared: true Default probable cause: UATODU (2527)	<ul style="list-style-type: none"> • 6.0 • 7.0
Description: The alarm is raised when the unavailable time period detected.		
Remedial action: Unavailable time period ODU.		

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Table 4-264 UnavailableTimeOtu

Alarm	Attributes	Applicable major releases
Name: UnavailableTimeOtu (8131) Type: communicationsAlarm (4) Package: oth Raised on class: oth.Otuk	Severity: variable Implicitly cleared: true Default probable cause: UATOTU (2528)	<ul style="list-style-type: none"> • 6.0 • 7.0
Description: The alarm is raised when the unavailable time period detected.		
Remedial action: Unavailable time period OTU.		

Table 4-265 UnavailableTimeRegeneratorSection

Alarm	Attributes	Applicable major releases
Name: UnavailableTimeRegeneratorSection (8106) Type: communicationsAlarm (4) Package: optical Raised on class: optical.OCStmSpecifics	Severity: variable Implicitly cleared: true Default probable cause: UATRS (2503)	<ul style="list-style-type: none"> • 6.0 • 7.0
Description: The alarm is raised when the unavailable time period detected.		
Remedial action: Unavailable time period detected.		

Table 4-266 UnderlyingResourceUnavailableOnPath

Alarm	Attributes	Applicable major releases
Name: UnderlyingResourceUnavailableOnPath (8132) Type: communicationsAlarm (4) Package: oth Raised on class: oth.Oduk	Severity: variable Implicitly cleared: true Default probable cause: URUP (2529)	<ul style="list-style-type: none"> • 6.0 • 7.0
Description: The alarm is raised when underlying resource is unavailable on path.		
Remedial action: Underlying resource is unavailable on path.		

Table 4-267 UnderlyingResourceUnavailableOnSection

Alarm	Attributes	Applicable major releases
Name: UnderlyingResourceUnavailableOnSection (8107) Type: communicationsAlarm (4) Package: optical Raised on class: optical.OpticalPortSpecifics	Severity: variable Implicitly cleared: true Default probable cause: URUS (2504)	<ul style="list-style-type: none"> • 6.0 • 7.0
Description: The alarm is raised when underlying resource is unavailable on section.		
Remedial action: Underlying resource is unavailable on optical section.		

Table 4-268 UnderlyingResourceUnavailableOptical

Alarm	Attributes	Applicable major releases
Name: UnderlyingResourceUnavailableOptical (8108) Type: communicationsAlarm (4) Package: optical Raised on class: optical.OpticalPortSpecifics	Severity: variable Implicitly cleared: true Default probable cause: URUO (2505)	<ul style="list-style-type: none"> • 6.0 • 7.0
Description: The alarm is raised when underlying resource is unavailable on optical section.		
Remedial action: Underlying resource is unavailable on optical section.		

Table 4-269 UnidentifiedNode

Alarm	Attributes	Applicable major releases
Name: UnidentifiedNode (1922) Type: communicationsAlarm (4) Package: netw Raised on class: netw.DiscoveredNode	Severity: major Implicitly cleared: true Default probable cause: unidentifiedNode (922)	<ul style="list-style-type: none"> • 6.0 • 7.0
Description: The alarm is raised when the node being discovered can not be properly identified.		
Raising condition: ('State' EQUAL 'Pending Identification')		
Clearing condition: ('State' NOT EQUAL 'Pending Identification')		
Remedial action: A configuration error has occurred that must be corrected. The eNodeB does not have a system name. The name can be configured by selecting the alarm, opening the associated properties form for the alarmed object and configuring the system name.		

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Table 4-270 UnmanageFailed

Alarm	Attributes	Applicable major releases
Name: UnmanageFailed (300) Type: discoveryControlAlarm (33) Package: netw Raised on class: netw.NodeDiscoveryControl	Severity: warning Implicitly cleared: true Default probable cause: unableToDeleteNode (231)	<ul style="list-style-type: none"> • 6.0 • 7.0
Description: The alarm is raised when an attempt to unmanage an NE fails.		
Raising condition: ('Site State' EQUAL 'Unmanage Failed')		
Clearing condition: ('Site State' NOT EQUAL 'Unmanage Failed')		
Remedial action: Informational - if the alarm persists please contact Alcatel-Lucent support for assistance		

Table 4-271 UpgradedBuildVersionMismatch

Alarm	Attributes	Applicable major releases
Name: UpgradedBuildVersionMismatch (174) Type: configurationAlarm (11) Package: netw Raised on class: netw.NetworkElement	Severity: warning Implicitly cleared: true Default probable cause: upgradedImageNotBooted (137)	<ul style="list-style-type: none"> • 6.0 • 7.0
Description: The alarm is raised when the software version that an NE reports after a software upgrade does not match the version of the software used for the upgrade.		
Raising condition: ('upgradedBuildVersionMismatch' EQUAL 'true')		
Clearing condition: ('upgradedBuildVersionMismatch' EQUAL 'false')		
Remedial action: Informational - if the alarm persists please contact Alcatel-Lucent support for assistance		

Table 4-272 upgradedCardAlarm

Alarm	Attributes	Applicable major releases
Name: upgradedCardAlarm (255) Type: softwareAlarm (19) Package: equipment Raised on class: equipment.Card	Severity: warning Implicitly cleared: true Default probable cause: upgradedCard (194)	<ul style="list-style-type: none"> • 6.0 • 7.0
Description: The alarm is raised when the standby CPM is rebooted and operational after a software upgrade. A device resets an IOM automatically after 120 minutes if the IOM is not manually reset after a CPM upgrade.		
Raising condition: ('operationalState' EQUAL 'Upgrade')		
Clearing condition: ('operationalState' EQUAL 'Up')		
Remedial action: Informational - no corrective action required.		

Table 4-273 UserPayloadMismatchOut

Alarm	Attributes	Applicable major releases
Name: UserPayloadMismatchOut (5507) Type: communicationsAlarm (4) Package: equipment Raised on class: equipment.PhysicalPort	Severity: variable Implicitly cleared: true Default probable cause: GfpUpm (1985) Applicable probable causes: <ul style="list-style-type: none"> • GfpUpm • GFPUPM 	<ul style="list-style-type: none"> • 6.0 • 7.0
Description: The alarm is raised when Outgoing GFP User Payload Mismatch .		
Remedial action: Please refer 1830 PSS Troubleshooting guide for detailed steps for corrective action.		

Table 4-274 VersionConfigRestoreFailed

Alarm	Attributes	Applicable major releases
Name: VersionConfigRestoreFailed (536) Type: configurationAlarm (11) Package: sw Raised on class: sw.BackupRestoreManager	Severity: major Implicitly cleared: true Default probable cause: versionMismatch (405)	<ul style="list-style-type: none"> • 6.0 • 7.0
Description: The alarm is raised when the restore procedure on an NE fails because of a mismatch between the backup file set version and the NE software version.		
Raising condition: ('lastNmsVersionRestoreState' EQUAL 'Failure')		
Clearing condition: ('lastNmsVersionRestoreState' EQUAL 'Success')		
Remedial action: The backup files being restored do not match with the version of node software release. Download a new copy of the SW image to the NE. If the problem persists contact Alcatel-Lucent support for assistance.		

Table 4-275 WaitToRestore

Alarm	Attributes	Applicable major releases
Name: WaitToRestore (8109) Type: communicationsAlarm (4) Package: optical Raised on class: optical.OpticalPortSpecifics	Severity: variable Implicitly cleared: true Default probable cause: WTR (2506)	<ul style="list-style-type: none"> • 6.0 • 7.0
Description: (Automatic) Set on Working path of a SNCP when switching is revertive and defects have cleared on Working and the Wait to Restore timer is in effect.		
Remedial action: Wait to restore.		

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Table 4-276 WaveKeyInsertionFailure

Alarm	Attributes	Applicable major releases
Name: WaveKeyInsertionFailure (4609) Type: communicationsAlarm (4) Package: equipment Raised on class: equipment.PhysicalPort	Severity: variable Implicitly cleared: true Default probable cause: Mod (1876)	<ul style="list-style-type: none"> • 6.0 • 7.0
Description: The alarm is raised when Card degrade - wavelength tracker channel id insertion is detected.		
Remedial action: Please refer 1830 PSS Troubleshooting guide for detailed steps for corrective action.		

Table 4-277 WavelengthTrackerEncodeDegrade

Alarm	Attributes	Applicable major releases
Name: WavelengthTrackerEncodeDegrade (2121) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.PhysicalPort	Severity: variable Implicitly cleared: true Default probable cause: MtcesurvDgr (1386)	<ul style="list-style-type: none"> • 6.0 • 7.0
Description: The alarm is raised when Port Degrade - wavelength tracker encode degrade is detected.		
Remedial action: Please refer section MTCESURVDGR (Port degrade - wavelength tracker encode degrade) in 1830 PSS Troubleshooting guide.		

Table 4-278 WrongCpaaSoftwareVersion

Alarm	Attributes	Applicable major releases
Name: WrongCpaaSoftwareVersion (791) Type: equipmentAlarm (3) Package: netw Raised on class: netw.NetworkElement	Severity: critical Implicitly cleared: true Default probable cause: wrongCpaaSoftwareVersion (559)	<ul style="list-style-type: none"> • 6.0 • 7.0
Description: The alarm is raised when the 7701 CPAA software is the wrong version and requires an upgrade.		
Raising condition: (('Software Version' EQUAL \"TIMOS-B-3.0.Generic \") AND ('Chassis Type' EQUAL '7701 CPAA'))		
Clearing condition: (('Software Version' NOT EQUAL \"TIMOS-B-3.0.Generic \") AND ('Chassis Type' EQUAL '7701 CPAA'))		
Remedial action: The SW version of the CPAA must be upgraded to the version compatible with CPAM version.		

Table 4-279 WTR

Alarm	Attributes	Applicable major releases
Name: WTR (3927) Type: equipmentAlarm (3) Package: optical Raised on class: optical.LineReference	Severity: variable Implicitly cleared: true Default probable cause: Wtr (1513)	<ul style="list-style-type: none"> • 6.0 • 7.0
Description: Switching applications - Set on working path of an SNCP when switching is revertive and effects have cleared on the working path and the Wait-to-Restore timer is in effect. \nPhotonic applications - The OT port has detected WTR at the LINEREF layer. A LINEREF detects WTR when on a timing reference and defects have cleared and the Wait to Restore timer is in effect. .		
Remedial action: Check the reference status.		

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5 — Alcatel-Lucent 5780 DSC alarms



Note — Some alarms that the 5620 SAM can raise against this device may not be listed in this chapter. Associating alarms with specific NE types is an ongoing Alcatel-Lucent effort. If the 5620 SAM raises an alarm against this device type, and the alarm is not described in this chapter, see chapter 41 for information about the alarm.

Table 5-1 AggregatedVFLPortDown

Alarm	Attributes	Applicable major releases
Name: AggregatedVFLPortDown (5436) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.Shelf	Severity: critical Implicitly cleared: true Default probable cause: connectivityIssue (2137)	<ul style="list-style-type: none"> • 5.0 • 7.0
Description: The alarm is generated when the aggregated virtual fabric link on the virtual chassis slot is down.		
Raising condition: (('Shelf Type' EQUAL '7850') AND ('Total Slots' EQUAL '4') AND ('Virtual Fabric Link State' NOT EQUAL 'Up'))		
Clearing condition: (('Shelf Type' EQUAL '7850') AND ('Total Slots' EQUAL '4') AND ('Virtual Fabric Link State' EQUAL 'Up'))		
Remedial action: The alarm is raised when the aggregated virtual fabric link on the virtual chassis is down. Please check the virtual fabric links for the virtual chassis setup.		

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Table 5-2 AtcaCardTemperatureLowerThresholdAlarm

Alarm	Attributes	Applicable major releases
Name: AtcaCardTemperatureLowerThresholdAlarm (3710) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.AtcaCard	Severity: variable Implicitly cleared: true Default probable cause: AtcaCardTemperatureLow (1448)	<ul style="list-style-type: none"> • 4.0 • 5.0 • 7.0
Description: The alarm is raised when the ATCA card temperature has decreased below any of the lower thresholds.		
Raising condition: ('Temperature Threshold State' EQUAL 'Lower Critical')		
Clearing condition: ('Temperature Threshold State' EQUAL 'Unspecified')		
Remedial action: Informational - no corrective action required.		

Table 5-3 AtcaCardTemperatureUpperThresholdAlarm

Alarm	Attributes	Applicable major releases
Name: AtcaCardTemperatureUpperThresholdAlarm (3711) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.AtcaCard	Severity: variable Implicitly cleared: true Default probable cause: AtcaCardTemperatureHigh (1449)	<ul style="list-style-type: none"> • 4.0 • 5.0 • 7.0
Description: The alarm is raised when the ATCA card temperature has increased beyond any of the upper thresholds.		
Raising condition: ('Temperature Threshold State' EQUAL 'Upper Critical')		
Clearing condition: ('Temperature Threshold State' EQUAL 'Unspecified')		
Remedial action: Monitor the blade. If the condition persists, replace the blade. If the condition applies to more than one blade, verify the performance of the site cooling system.		

Table 5-4 AtcaCardVoltageLowerThresholdAlarm

Alarm	Attributes	Applicable major releases
Name: AtcaCardVoltageLowerThresholdAlarm (3712) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.AtcaCard	Severity: variable Implicitly cleared: true Default probable cause: AtcaCardVoltageLow (1450)	<ul style="list-style-type: none"> • 4.0 • 5.0 • 7.0
Description: The alarm is raised when the ATCA card voltage level has decreased below any of the lower thresholds.		
Raising condition: ('Voltage Threshold State' EQUAL 'Lower Critical')		
Clearing condition: ('Voltage Threshold State' EQUAL 'Unspecified')		
Remedial action: Monitor. If the alarm persists and the blade is in the active state, it should be replaced.		

Table 5-5 AtcaCardVoltageUpperThresholdAlarm

Alarm	Attributes	Applicable major releases
Name: AtcaCardVoltageUpperThresholdAlarm (3713) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.AtcaCard	Severity: variable Implicitly cleared: true Default probable cause: AtcaCardVoltageHigh (1451)	<ul style="list-style-type: none"> • 4.0 • 5.0 • 7.0
Description: The alarm is raised when the ATCA card voltage level has increased beyond any of the upper thresholds.		
Raising condition: ('Voltage Threshold State' EQUAL 'Upper Critical')		
Clearing condition: ('Voltage Threshold State' EQUAL 'Unspecified')		
Remedial action: Monitor. If the alarm persists and the blade is in the active state, it should be replaced.		

Table 5-6 AtcaFanFailure

Alarm	Attributes	Applicable major releases
Name: AtcaFanFailure (1124) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.Fan	Severity: critical Implicitly cleared: true Default probable cause: fanFailure (116)	<ul style="list-style-type: none"> • 5.0 • 7.0
Description: The alarm is raised when the associated fan is not operationally Up.		
Raising condition: (('operationalState' EQUAL 'Disabled') OR ('operationalState' EQUAL 'Down'))		
Clearing condition: (('operationalState' EQUAL 'Enabled') OR ('operationalState' EQUAL 'Up'))		
Remedial action: This alarm is raised if the fan speed falls below 500 rpm. If the alarm persists, replace the appropriate (upper or lower) fan tray.		

Table 5-7 AtcaPowerSupplyFailure

Alarm	Attributes	Applicable major releases
Name: AtcaPowerSupplyFailure (1125) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.PowerSupply	Severity: critical Implicitly cleared: true Default probable cause: fanFailure (116)	<ul style="list-style-type: none"> • 5.0 • 7.0
Description: The alarm is raised when the associated power supply is not operationally Up.		
Raising condition: (('operationalState' EQUAL 'Disabled'))		
Clearing condition: ('operationalState' EQUAL 'Enabled')		
Remedial action: Check the status of the site power supply.		

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Table 5-8 AuxiliaryServerStatus

Alarm	Attributes	Applicable major releases
Name: AuxiliaryServerStatus (311) Type: communicationsAlarm (4) Package: server Raised on class: server.AuxiliaryServer	Severity: critical Implicitly cleared: true Default probable cause: systemFailed (144)	<ul style="list-style-type: none"> • 5.0 • 7.0
Description: The alarm is raised when a 5620 SAM main server cannot communicate with an auxiliary server. The alarm clears when communication is restored.		
Raising condition: ('Server Status' EQUAL 'Down')		
Clearing condition: ('Server Status' EQUAL 'Up')		
Remedial action: Informational - if the alarm persists or is occurring frequently then investigation is required to understand why the connectivity between the AUX and SAM servers is unreliable.		

Table 5-9 BootParametersMisconfigured

Alarm	Attributes	Applicable major releases
Name: BootParametersMisconfigured (35) Type: configurationAlarm (11) Package: netw Raised on class: netw.NetworkElement	Severity: critical Implicitly cleared: true Default probable cause: persistentIndexFailure (30) Applicable probable causes: <ul style="list-style-type: none"> • persistentIndexFailure • configFileBootFailure 	<ul style="list-style-type: none"> • 4.0 • 5.0 • 7.0
Description: The alarm is raised when the SNMP Index Boot Status on an NE is not set to Persistent.		
Raising condition: (('isGenericNode' EQUAL 'false') AND ('State' NOT EQUAL 'Pre-provisioned') AND (('Config File Status' NOT EQUAL 'Executed Successfully') AND ('Config File Status' NOT EQUAL 'configFileStatus_unspecified')) OR (('Persistent Index Status' NOT EQUAL 'Rebuild Succeeded') AND ('Persistent Index Status' NOT EQUAL 'persistentIndexStatus_unspecified'))))		
Clearing condition: (('Config File Status' EQUAL 'Executed Successfully') AND ('Persistent Index Status' EQUAL 'Rebuild Succeeded'))		
Remedial action: Ensure that "SNMP Index Boot Status" is persistent (using cli command "show system information" on the NE). If not, unmanage the network element from SAM, ensure that "persist on" is set in the bof file, save the bof, save a config file, verify that an index file (.ndx) is saved as well, reboot the router, verify that SNMP Index Boot Status is persistent and finally remanage the router from SAM.		

Table 5-10 ClientDelegateServerStatus

Alarm	Attributes	Applicable major releases
Name: ClientDelegateServerStatus (731) Type: communicationsAlarm (4) Package: server Raised on class: server.ClientDelegateServer	Severity: critical Implicitly cleared: true Default probable cause: systemFailed (144)	<ul style="list-style-type: none"> • 5.0 • 7.0
Description: The alarm is raised when a client delegate server is unreachable.		

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Alarm	Attributes	Applicable major releases
Raising condition: ('Server Status' EQUAL 'Down')		
Clearing condition: ('Server Status' EQUAL 'Up')		
Remedial action: Informational - if the alarm persists or is occurring frequently then investigation is required to understand why the connectivity between the client delegate platform and SAM servers is unreliable or the client delegate server itself is unreliable.		

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Table 5-11 ContainingEquipmentAdministrativelyDown

Alarm	Attributes	Applicable major releases
Name: ContainingEquipmentAdministrativelyDown (466) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.Port	Severity: minor Implicitly cleared: true Default probable cause: containingEquipmentAdministrativelyDown (330)	<ul style="list-style-type: none"> • 5.0 • 7.0
Description: The alarm is raised when the compositeEquipmentState attribute has a value of containingEquipmentAdministrativelyDown.		
Raising condition: (('Status' EQUAL 'Parent Admin Down') AND ('isTerminatable' EQUAL 'true'))		
Clearing condition: (('Status' NOT EQUAL 'Parent Admin Down') OR ('isTerminatable' NOT EQUAL 'true'))		
Remedial action: Informational - no corrective action required.		

Table 5-12 ContainingEquipmentMismatch

Alarm	Attributes	Applicable major releases
Name: ContainingEquipmentMismatch (464) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.Port	Severity: major Implicitly cleared: true Default probable cause: containingEquipmentMismatch (328)	<ul style="list-style-type: none"> • 5.0 • 7.0
Description: The alarm is raised when the compositeEquipmentState attribute has a value of containingEquipmentMismatch.		
Raising condition: (('Status' EQUAL 'Parent Type Mismatch') AND ('isTerminatable' EQUAL 'true'))		
Clearing condition: (('Status' NOT EQUAL 'Parent Type Mismatch') OR ('isTerminatable' NOT EQUAL 'true'))		
Remedial action: A configuration error has occurred which must be corrected. The card type configured for the slot identified in the alarm must match the installed card type.		

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Table 5-13 ContainingEquipmentOperationallyDown

Alarm	Attributes	Applicable major releases
Name: ContainingEquipmentOperationallyDown (465) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.Port	Severity: major Implicitly cleared: true Default probable cause: containingEquipmentDown (329)	<ul style="list-style-type: none"> • 5.0 • 7.0
Description: The alarm is raised when the compositeEquipmentState attribute has a value of containingEquipmentOperationallyDown.		
Raising condition: (('Status' EQUAL 'Parent Oper Down') AND ('isTerminatable' EQUAL 'true'))		
Clearing condition: (('Status' NOT EQUAL 'Parent Oper Down') OR ('isTerminatable' NOT EQUAL 'true'))		
Remedial action: The operational state of the equipment element indicated in the alarm is down. This may be due to the element's administrative state or it may indicate that the element has failed.		

Table 5-14 CorruptImageFile

Alarm	Attributes	Applicable major releases
Name: CorruptImageFile (171) Type: configurationAlarm (11) Package: mediation Raised on class: mediation.AbstractSoftwareFolderDescriptor	Severity: critical Implicitly cleared: true Default probable cause: invalidOrCorruptImageFile (134)	<ul style="list-style-type: none"> • 5.0 • 7.0
Description: The alarm is raised when one or more files in the 5620 SAM software image specified for a device software upgrade is invalid, corrupt or absent. The 5620 SAM validates a device software file set before it imports the file set and distributes it to an NE. Ensure that the file set downloads properly to the NE and is not tampered with before you re-attempt the upgrade. The alarm clears when a valid file set is on the NE and the 5620 SAM activates the software image in the file set.		
Raising condition: ('isImageValid' EQUAL 'false')		
Clearing condition: ('isImageValid' EQUAL 'true')		
Remedial action: The existing SW image in the SAM database should be replaced with an image that is known to be complete and valid.		

Table 5-15 DiameterMonitoredDestinationOverloaded

Alarm	Attributes	Applicable major releases
Name: DiameterMonitoredDestinationOverloaded (7959) Type: EpcAlarm (59) Package: Ite Raised on class: Ite.DscDiameterMonDestination	Severity: major Implicitly cleared: true Default probable cause: DscOverloadStateChange (2450)	<ul style="list-style-type: none"> • 7.0
Description: The alarm is raised when the overload state of a monitored destination changes from normal.		

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Alarm	Attributes	Applicable major releases
Raising condition: (('Overload State' EQUAL 'Critical') OR ('Overload State' EQUAL 'Resource Critical'))		
Clearing condition: ('Overload State' EQUAL 'Normal')		
Remedial action: The overload state of a monitored destination has changed from normal. Verify the threshold limit of the destination.		

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Table 5-16 DiskTemperatureLowerThresholdAlarm

Alarm	Attributes	Applicable major releases
Name: DiskTemperatureLowerThresholdAlarm (3716) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.Disk	Severity: variable Implicitly cleared: true Default probable cause: DiskTemperatureLow (1454)	<ul style="list-style-type: none"> • 5.0 • 7.0
Description: The alarm is raised when the disk temperature decreases below a lower threshold.		
Raising condition: ('Temperature Threshold State' EQUAL 'Lower Critical')		
Clearing condition: ('Temperature Threshold State' EQUAL 'Unspecified')		
Remedial action: Informational - no corrective action required.		

Table 5-17 DiskTemperatureUpperThresholdAlarm

Alarm	Attributes	Applicable major releases
Name: DiskTemperatureUpperThresholdAlarm (3717) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.Disk	Severity: variable Implicitly cleared: true Default probable cause: DiskTemperatureHigh (1455)	<ul style="list-style-type: none"> • 5.0 • 7.0
Description: The alarm is raised when the disk temperature increases above an upper threshold.		
Raising condition: ('Temperature Threshold State' EQUAL 'Upper Critical')		
Clearing condition: ('Temperature Threshold State' EQUAL 'Unspecified')		
Remedial action: Check the site cooling mechanism. If the alarm persists, replace the disk.		

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Table 5-18 DiskVoltageLowerThresholdAlarm

Alarm	Attributes	Applicable major releases
Name: DiskVoltageLowerThresholdAlarm (3718) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.Disk	Severity: variable Implicitly cleared: true Default probable cause: DiskVoltageLow (1456)	<ul style="list-style-type: none"> • 5.0 • 7.0
Description: The alarm is raised when the disk voltage level decreases below a lower threshold.		
Raising condition: ('Voltage Threshold State' EQUAL 'Lower Critical')		
Clearing condition: ('Voltage Threshold State' EQUAL 'Unspecified')		
Remedial action: Monitor. If the alarm persists and the disk is in the active state, it should be replaced.		

Table 5-19 DiskVoltageUpperThresholdAlarm

Alarm	Attributes	Applicable major releases
Name: DiskVoltageUpperThresholdAlarm (3719) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.Disk	Severity: variable Implicitly cleared: true Default probable cause: DiskVoltageHigh (1457)	<ul style="list-style-type: none"> • 5.0 • 7.0
Description: The alarm is raised when the disk voltage level increases above an upper threshold.		
Raising condition: ('Voltage Threshold State' EQUAL 'Upper Critical')		
Clearing condition: ('Voltage Threshold State' EQUAL 'Unspecified')		
Remedial action: Monitor. If the alarm persists and the disk is in the active state, it should be replaced.		

Table 5-20 DscExtSystemOperStateDown

Alarm	Attributes	Applicable major releases
Name: DscExtSystemOperStateDown (7960) Type: EpcAlarm (59) Package: Ite Raised on class: Ite.DscExtSystem	Severity: major Implicitly cleared: true Default probable cause: DscExtSystemOperStateDown (2451)	<ul style="list-style-type: none"> • 7.0
Description: The alarm is raised when the operational state of an external system is down.		
Raising condition: (('Operational State' EQUAL 'Down'))		
Clearing condition: (('Operational State' EQUAL 'Up'))		
Remedial action: The operational state of an external system is down (not connected). Verify its connection.		

Table 5-21 DscGeoRedundancyFailure

Alarm	Attributes	Applicable major releases
Name: DscGeoRedundancyFailure (8153) Type: EpcAlarm (59) Package: Ite Raised on class: Ite.ServiceContainer	Severity: major Implicitly cleared: true Default probable cause: lossOfRedundancy (1138)	<ul style="list-style-type: none"> • 5.0 • 7.0
Description: The alarm is raised when a DSC loses Geo Redundancy.		
Raising condition: (('Geo-Redundancy' EQUAL 'Standalone'))		
Clearing condition: (('Geo-Redundancy' EQUAL 'Redundant'))		
Remedial action: Check the operational state of both geo-mates. If failed, the operator must recover both geo-mates. If geo-mates are operational, the root cause must be a failure in the WAN link used for geo-redundancy, which must be corrected.		

Table 5-22 DscServiceContainerDown

Alarm	Attributes	Applicable major releases
Name: DscServiceContainerDown (845) Type: EpcAlarm (59) Package: Ite Raised on class: Ite.ServiceContainer	Severity: major Implicitly cleared: true Default probable cause: DscServiceDown (603)	<ul style="list-style-type: none"> • 5.0 • 7.0
Description: The alarm is raised when a DSC service container is down.		
Raising condition: (('Operational State' EQUAL 'Disabled'))		
Clearing condition: (('Operational State' EQUAL 'Enabled'))		
Remedial action: Investigate /opt/tpa/logs/RACServer.log on the CSB to determine cause of service container failure.		

Table 5-23 DscServiceDown

Alarm	Attributes	Applicable major releases
Name: DscServiceDown (846) Type: EpcAlarm (59) Package: Ite Raised on class: Ite.AbstractDynamicServicesControllerMember	Severity: major Implicitly cleared: true Default probable cause: DscServiceDown (603)	<ul style="list-style-type: none"> • 5.0 • 7.0
Description: The alarm is raised when a DSC service member is down.		
Raising condition: (('Operational State' EQUAL 'Disabled'))		
Clearing condition: (('Operational State' EQUAL 'Enabled'))		
Remedial action: Investigate /opt/tpa/logs/RACServer.log on the CSB to determine cause of service failure.		

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Table 5-24 EquipmentAdministrativelyDown

Alarm	Attributes	Applicable major releases
Name: EquipmentAdministrativelyDown (455) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.Equipment	Severity: minor Implicitly cleared: true Default probable cause: equipmentAdministrativelyDown (326)	<ul style="list-style-type: none"> • 5.0 • 7.0
Description: The alarm is raised when the compositeEquipmentState attribute has a value of equipmentAdministrativelyDown.		
Raising condition: ('compositeEquipmentState' EQUAL 'Admin Down')		
Clearing condition: ('compositeEquipmentState' NOT EQUAL 'Admin Down')		
Remedial action: Informational - no corrective action required.		

Table 5-25 EquipmentDegraded

Alarm	Attributes	Applicable major releases
Name: EquipmentDegraded (604) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.FanTray	Severity: minor Implicitly cleared: true Default probable cause: singleFanFailure (450)	<ul style="list-style-type: none"> • 5.0 • 7.0
Description: The alarm is raised when a single fan fails. The chassis attempts to continue operating within the normal temperature range using only the remaining fans.		
Raising condition: ('Device State' EQUAL 'MinorFailure')		
Clearing condition: ('Device State' NOT EQUAL 'MinorFailure')		
Remedial action: The failed fan unit should be replaced.		

Table 5-26 EquipmentDown

Alarm	Attributes	Applicable major releases
Name: EquipmentDown (10) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.Equipment	Severity: major Implicitly cleared: true Default probable cause: inoperableEquipment (8)	<ul style="list-style-type: none"> • 5.0 • 7.0
Description: The alarm is raised when the compositeEquipmentState attribute has a value of equipmentOperationallyDown.		
Raising condition: ('compositeEquipmentState' EQUAL 'Oper Down')		
Clearing condition: ('compositeEquipmentState' NOT EQUAL 'Oper Down')		
Remedial action: This alarm indicates that a card in the NE has failed. The card must be replaced.		

Table 5-27 EquipmentFailure

Alarm	Attributes	Applicable major releases
Name: EquipmentFailure (145) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.ReplaceableUnit	Severity: critical Implicitly cleared: true Default probable cause: cardFailure (123)	<ul style="list-style-type: none"> • 5.0 • 7.0
Description: The alarm is raised when a control processor or power-supply tray reports a failure. When the object type is ControlProcessor, a CPM may be unable to boot. When the object type is Power Supply Tray and the alarm is raised during device discovery, a power-supply tray may be out of service. When the object type is a Power Supply Tray and the device is in the managed state, a power-supply tray may be out of service or the AC power shelf has a fault condition. The alarm clears when the status changes to OK.		
Raising condition: ('operationalState' EQUAL 'Failed')		
Clearing condition: ('operationalState' NOT EQUAL 'Failed')		
Remedial action: If the alarm indicates that the CPM card has a fault, remove the card and reset it. If this does not clear the alarm then please contact Alcatel-Lucent support for assistance. If the alarm indicates that the Power Supply tray is out of service ensure that the NE is properly connected to power. If the problem persists please contact Alcatel-Lucent support for assistance.		

Table 5-28 EquipmentInTest

Alarm	Attributes	Applicable major releases
Name: EquipmentInTest (11) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.Equipment	Severity: warning Implicitly cleared: true Default probable cause: equipmentInTest (9)	<ul style="list-style-type: none"> • 5.0 • 7.0
Description: The alarm is raised when equipment enters a diagnostic state.		
Raising condition: ('compositeEquipmentState' EQUAL 'In Test')		
Clearing condition: ('compositeEquipmentState' NOT EQUAL 'In Test')		
Remedial action: Informational - no corrective action required.		

Table 5-29 EquipmentMismatch

Alarm	Attributes	Applicable major releases
Name: EquipmentMismatch (9) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.Equipment	Severity: major Implicitly cleared: true Default probable cause: equipmentTypeMismatch (7)	<ul style="list-style-type: none"> • 5.0 • 7.0
Description: The alarm is raised when the compositeEquipmentState attribute has a value of equipmentMismatch.		
Raising condition: ('compositeEquipmentState' EQUAL 'Type Mismatch')		
Clearing condition: ('compositeEquipmentState' NOT EQUAL 'Type Mismatch')		

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Alarm	Attributes	Applicable major releases
Remedial action: A configuration error has occurred which must be corrected. The card type configured for the slot identified in the alarm must match the installed card type.		

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Table 5-30 EquipmentRemoved

Alarm	Attributes	Applicable major releases
Name: EquipmentRemoved (8) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.Equipment	Severity: major Implicitly cleared: true Default probable cause: replaceableEquipmentRemoved (6)	<ul style="list-style-type: none"> • 5.0 • 7.0
Description: The alarm is raised when the compositeEquipmentState attribute has a value of equipmentMissing.		
Raising condition: (((isEquipped' EQUAL 'false') OR ('compositeEquipmentState' EQUAL 'Removed')) AND ('isEquipmentInserted' EQUAL 'true'))		
Clearing condition: (('compositeEquipmentState' NOT EQUAL 'Removed') AND ('isEquipped' EQUAL 'true'))		
Remedial action: Informational - this alarm is raised when a card is removed.		

Table 5-31 FanFailure

Alarm	Attributes	Applicable major releases
Name: FanFailure (624) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.FanTray	Severity: critical Implicitly cleared: true Default probable cause: fanFailure (116)	<ul style="list-style-type: none"> • 5.0 • 7.0
Description: The alarm is raised when the associated fan is not operationally Up.		
Raising condition: (('Device State' EQUAL 'Failed') OR ('Device State' EQUAL 'Unknown') OR ('Device State' EQUAL 'OutOfservice'))		
Clearing condition: ('Device State' EQUAL 'OK')		
Remedial action: Remove and reset the fan unit. If this does not resolve the problem replace the fan.		

Table 5-32 FanTrayRemoved

Alarm	Attributes	Applicable major releases
Name: FanTrayRemoved (569) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.FanTray	Severity: critical Implicitly cleared: true Default probable cause: FanTrayRemoved (438)	<ul style="list-style-type: none"> • 5.0 • 7.0

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Alarm	Attributes	Applicable major releases
Description: The alarm is raised when the deviceState attribute has a value of deviceNotEquipped.		
Raising condition: ('Device State' EQUAL 'Not Equipped')		
Clearing condition: ('Device State' NOT EQUAL 'Not Equipped')		
Remedial action: Informational - a fan tray has been removed from the NE.		

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Table 5-33 LicensedLimitExceeded

Alarm	Attributes	Applicable major releases
Name: LicensedLimitExceeded (127) Type: licensingAlarm (23) Package: security Raised on class: security.ProductLicense	Severity: critical Implicitly cleared: true Default probable cause: licensedLimitExceeded (106)	<ul style="list-style-type: none"> • 5.0 • 7.0
Description: The alarm is raised when the license items in the network exceeds 100 percent of the license capacity.		
Raising condition: ('Exceeded' EQUAL 'true')		
Clearing condition: ('Exceeded' NOT EQUAL 'true')		
Remedial action: Informational - The number of SAM licenses purchased and available on the SAM server is insufficient as compared to the number of NEs/MDA/Cells under management in the network. Please contact Alcatel-Lucent Sales to purchase additional licenses.		

Table 5-34 LinkDown (equipment)

Alarm	Attributes	Applicable major releases
Name: LinkDown (12) Type: communicationsAlarm (4) Package: equipment Raised on class: equipment.Equipment	Severity: major Implicitly cleared: true Default probable cause: portLinkProblem (10)	<ul style="list-style-type: none"> • 5.0 • 7.0
Description: The alarm is raised when a port has no associated physical link or remote end point is operationally down.		
Raising condition: (('compositeEquipmentState' EQUAL 'Link Down') OR ('compositeEquipmentState' EQUAL 'Oper Down'))		
Clearing condition: (('compositeEquipmentState' NOT EQUAL 'Link Down') AND ('compositeEquipmentState' NOT EQUAL 'Oper Down'))		
Remedial action: Please make sure that port has physical link and remote end point is operationally up.		

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Table 5-35 NewSsh2ServerKeyDetected

Alarm	Attributes	Applicable major releases
Name: NewSsh2ServerKeyDetected (285) Type: communicationsAlarm (4) Package: security Raised on class: security.KnownHostKey	Severity: warning Implicitly cleared: true Default probable cause: ssh2ServerKeyMismatch (217)	<ul style="list-style-type: none"> • 5.0 • 7.0
Description: The alarm is raised when a 5620 SAM main server detects a new public SSH key.		
Raising condition: ('SSH2 Server Key Status' EQUAL 'Mismatch SSH2 Host Key')		
Clearing condition: ('SSH2 Server Key Status' EQUAL 'Active SSH2 Host Key')		
Remedial action: Informational - possible security breach. The SSH key of the router is different from the one known to the SAM server.		

Table 5-36 NodeRebooted

Alarm	Attributes	Applicable major releases
Name: NodeRebooted (32) Type: equipmentAlarm (3) Package: netw Raised on class: netw.NetworkElement	Severity: warning Implicitly cleared: false Default probable cause: nodeReboot (25)	<ul style="list-style-type: none"> • 4.0 • 5.0 • 7.0
Description: The alarm is raised when the 5620 SAM detects an NE reboot based on the latest NE sysUpTime value.		
Remedial action: Informational - if the alarm persists please contact Alcatel-Lucent support for assistance		

Table 5-37 NodeSuspended

Alarm	Attributes	Applicable major releases
Name: NodeSuspended (5123) Type: communicationsAlarm (4) Package: netw Raised on class: netw.NetworkElement	Severity: critical Implicitly cleared: true Default probable cause: NodeSuspend (2057)	<ul style="list-style-type: none"> • 5.0 • 7.0
Description: The alarm is raised when the 5620 SAM detects an NE moved to suspend state as per user request.		
Raising condition: ('SNMP Reachability' EQUAL 'Suspended')		
Clearing condition: ('SNMP Reachability' NOT EQUAL 'Suspended')		
Remedial action: This alarm is raised when user suspends the network element. The alarm will be cleared when the network element is managed back.		

Table 5-38 OrphanNodeDetected

Alarm	Attributes	Applicable major releases
Name: OrphanNodeDetected (4866) Type: discoveryControlAlarm (33) Package: netw Raised on class: netw.AdvertisedNode	Severity: major Implicitly cleared: true Default probable cause: nodeNotMangedByAnyEms (1934)	<ul style="list-style-type: none"> • 5.0 • 7.0
Description: The alarm is raised when node is node managed by any EMS after n retries(threshold crossed) it is manually cleared by the operator or when the node is discovered.		
Raising condition: ('State' EQUAL 'Orphan')		
Remedial action: The NE is not managed by any SAM.Add an discovery rule in order to managed it.		

Table 5-39 OverloadedCard

Alarm	Attributes	Applicable major releases
Name: OverloadedCard (2941) Type: cardAlarm (100) Package: equipment Raised on class: equipment.AtcaCard	Severity: variable Implicitly cleared: true Default probable cause: overloadedCard (1132)	<ul style="list-style-type: none"> • 4.0 • 5.0 • 7.0
Description: The alarm is raised when an ATCA card becomes overloaded.		
Raising condition: (('Overload State' EQUAL 'Critical') OR ('Overload State' EQUAL 'Resource Critical'))		
Clearing condition: ('Overload State' EQUAL 'Normal')		
Remedial action: Investigate /opt/tpa/logs/RACServer.log on the CSB to determine cause of system overload.		

Table 5-40 PartialResyncProblem

Alarm	Attributes	Applicable major releases
Name: PartialResyncProblem (4401) Type: communicationsAlarm (4) Package: netw Raised on class: netw.NetworkElement	Severity: warning Implicitly cleared: true Default probable cause: partialResyncProblem (1578)	<ul style="list-style-type: none"> • 5.0 • 7.0
Description: The alarm is raised when a partial resync on an NE fails. For example, when resyncing only some MIB entries as opposed to a full resync. The periodic reachability test (sysUpTime) is not considered a partial resync, neither is a full resync. However, a PartialResyncProblem alarm can only be reset by a FullResync.		
Raising condition: ('partialResyncStatus' EQUAL 'Partial Resync Failed')		
Clearing condition: ('partialResyncStatus' EQUAL 'Partial Resync Done')		
Remedial action: Informational - if the alarm persists or is occurring frequently then investigation is required to understand a) why the underlying transport network is unreliable or b) why the NE is too busy to respond to 5620 SAM or c) has SNMP been disabled on the NE.		

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Table 5-41 PollerProblem

Alarm	Attributes	Applicable major releases
Name: PollerProblem (31) Type: communicationsAlarm (4) Package: netw Raised on class: netw.NetworkElement	Severity: warning Implicitly cleared: true Default probable cause: resyncFailed (24)	<ul style="list-style-type: none"> • 5.0 • 7.0
Description: The alarm is raised when the 5620 SAM is unable to poll a network object, for example, because of intermittent or no IP connectivity to an NE, incorrect SNMP security parameters, or disabled SNMP on the NE.		
Raising condition: ('Resync Status' EQUAL 'Full Resync Failed')		
Clearing condition: ('Resync Status' EQUAL 'Full Resync Done')		
Remedial action: Informational - if the alarm persists or is occurring frequently then investigation is required to understand a) why the underlying transport network is unreliable or b) why the NE is too busy to respond to 5620 SAM or c) has SNMP been disabled on the NE. Once the issue has been resolved SAM will automatically re-attempt.		

Table 5-42 PowerSupplyInputFeedDownAlarm

Alarm	Attributes	Applicable major releases
Name: PowerSupplyInputFeedDownAlarm (5154) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.PowerSupply	Severity: minor Implicitly cleared: true Default probable cause: powerSupplyInputFeedDown (2073)	<ul style="list-style-type: none"> • 5.0 • 7.0
Description: This alarm is generated if any one of the input feeds for a given power supply is not supplying power.		
Raising condition: (('Input Feed Status' EQUAL 'Input A Down') OR ('Input Feed Status' EQUAL 'Input B Down') OR (('Input Feed Status'allBits'Input A Down') AND ('Input Feed Status'allBits'Input B Down'))		
Clearing condition: ('Input Feed Status' EQUAL 'None')		
Remedial action: Restore all of the input feeds that are not supplying power		

Table 5-43 ReachabilityProblem

Alarm	Attributes	Applicable major releases
Name: ReachabilityProblem (243) Type: communicationsAlarm (4) Package: netw Raised on class: netw.NetworkElement	Severity: major Implicitly cleared: true Default probable cause: ReachabilityTestFailed (176)	<ul style="list-style-type: none"> • 5.0 • 7.0
Description: The alarm is raised when a mediation poll of the SysUpTimeAlarm object on an NE fails, for example, because of network congestion or because the NE is too busy to respond. The probable cause is an unreachable NE Mediation agent on the NE. The polling interval depends on the NE type and is configurable in nms-server.xml. By default, the 5620 SAM polls a managed NE every four minutes. If a poll fails, the alarm is raised. The alarm clears when the 5620 SAM receives a response from the NE, and the 5620 SAM GUI icon that represents the NE turns from red to green.		
Raising condition: ('SNMP Reachability' EQUAL 'Down')		

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Alarm	Attributes	Applicable major releases
Remedial action: Informational - if the alarm persists or is occurring frequently then investigation is required to understand a) why the underlying transport network is unreliable or b) why the NE is too busy to respond to 5620 SAM or c) has SNMP been disabled on the NE. Once the issue has been resolved SAM will automatically re-attempt.		

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Table 5-44 ScheduledPollerProblem

Alarm	Attributes	Applicable major releases
Name: ScheduledPollerProblem (4386) Type: communicationsAlarm (4) Package: netw Raised on class: netw.NetworkElement	Severity: warning Implicitly cleared: true Default probable cause: scheduledResyncFailed (1569)	<ul style="list-style-type: none"> • 5.0 • 7.0
Description: The alarm is raised when the 5620 SAM is unable to poll a network object, for example, because of intermittent or no IP connectivity to an NE, incorrect SNMP security parameters, or disabled SNMP on the NE.		
Raising condition: ('Scheduled Resync Status' EQUAL 'Scheduled Resync Failed')		
Clearing condition: ('Scheduled Resync Status' EQUAL 'Scheduled Resync Done')		
Remedial action: Informational - if the alarm persists or is occurring frequently then investigation is required to understand a) why the underlying transport network is unreliable or b) why the NE is too busy to respond to 5620 SAM or c) has SNMP been disabled on the NE. Once the issue has been resolved SAM will automatically re-attempt.		

Table 5-45 StatsRetrieveFailed

Alarm	Attributes	Applicable major releases
Name: StatsRetrieveFailed (244) Type: configurationAlarm (11) Package: sw Raised on class: sw.AccountingStatsRetrievalManager	Severity: major Implicitly cleared: false Default probable cause: fileTransferFailure (89)	<ul style="list-style-type: none"> • 5.0 • 7.0
Description: The alarm is raised when the 5620 SAM main or auxiliary server cannot transfer an accounting file from an NE.		
Raising condition: (('Stats Retrieval State' NOT EQUAL 'Success') AND ('Stats Retrieval State' NOT EQUAL 'Not Attempted'))		
Remedial action: Informational - if the alarm persists or is occurring frequently then investigation is required to understand a) why the underlying transport network is unreliable or b) why the NE is too busy or otherwise cannot respond to the 5620 SAM main or auxiliary server.		

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Table 5-46 SubscriberSystemNextHopUsageHigh

Alarm	Attributes	Applicable major releases
Name: SubscriberSystemNextHopUsageHigh (5157) Type: thresholdCrossed (6) Package: netw Raised on class: netw.NetworkElement	Severity: minor Implicitly cleared: true Default probable cause: resourceFull (53)	<ul style="list-style-type: none"> • 5.0 • 7.0
Description: The alarm is raised when the IP next-hop usage by subscriber managed routes reaches its high watermark, cleared when it reaches its low watermark again; the watermarks are derived from the limit specified with the property subSysNextHopLimit.		
Raising condition: ('IP Next Hop Usage High' EQUAL 'true')		
Clearing condition: ('IP Next Hop Usage High' EQUAL 'false')		
Remedial action: The alarm is raised when the IP next-hop usage by subscriber managed routes reaches its high watermark, cleared when it reaches its low watermark again; the watermarks are derived from the limit specified with the property subSysNextHopLimit. There is no immediate effect, but when the usage actually hits the limit, new hosts will not get their managed routes.		

Table 5-47 SubSysChassMemoryUsageHi

Alarm	Attributes	Applicable major releases
Name: SubSysChassMemoryUsageHi (5656) Type: thresholdCrossed (6) Package: equipment Raised on class: equipment.Shelf	Severity: minor Implicitly cleared: true Default probable cause: resourceFull (53)	<ul style="list-style-type: none"> • 5.0 • 7.0
Description: This alarm is raised when the memory usage by subscriber management on this system or chassis reaches its high watermark ('true').		
Raising condition: ('Memory Usage High' EQUAL 'True')		
Clearing condition: (('Memory Usage High' EQUAL 'False') OR ('Memory Usage High' EQUAL 'unspecified'))		
Remedial action: The memory usage by subscriber management on this system has reached its high watermark. Please check your memory usage.		

Table 5-48 TrapDestinationMisconfigured

Alarm	Attributes	Applicable major releases
Name: TrapDestinationMisconfigured (33) Type: configurationAlarm (11) Package: netw Raised on class: netw.NetworkElement	Severity: major Implicitly cleared: true Default probable cause: trapDestinationMisconfigured (26) Applicable probable causes: <ul style="list-style-type: none"> • trapDestinationMisconfigured • duplicateTrapLogId 	<ul style="list-style-type: none"> • 5.0 • 7.0

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Alarm	Attributes	Applicable major releases
Description: The alarm is raised when the 5620 SAM cannot be added to the NE's SNMP trap destinations.		
Raising condition: ('isTrapDestinationMisconfigured' EQUAL 'true')		
Clearing condition: ('isTrapDestinationMisconfigured' EQUAL 'false')		
Remedial action: A configuration error has been made which must be corrected. The SNMP trap destination on the NE must be configured to the IP address of the SAM server.		

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Table 5-49 UnidentifiedNode

Alarm	Attributes	Applicable major releases
Name: UnidentifiedNode (1922) Type: communicationsAlarm (4) Package: netw Raised on class: netw.DiscoveredNode	Severity: major Implicitly cleared: true Default probable cause: unidentifiedNode (922)	<ul style="list-style-type: none"> • 5.0 • 7.0
Description: The alarm is raised when the node being discovered can not be properly identified.		
Raising condition: ('State' EQUAL 'Pending Identification')		
Clearing condition: ('State' NOT EQUAL 'Pending Identification')		
Remedial action: A configuration error has occurred that must be corrected. The eNodeB does not have a system name. The name can be configured by selecting the alarm, opening the associated properties form for the alarmed object and configuring the system name.		

Table 5-50 UnmanageFailed

Alarm	Attributes	Applicable major releases
Name: UnmanageFailed (300) Type: discoveryControlAlarm (33) Package: netw Raised on class: netw.NodeDiscoveryControl	Severity: warning Implicitly cleared: true Default probable cause: unableToDeleteNode (231)	<ul style="list-style-type: none"> • 5.0 • 7.0
Description: The alarm is raised when an attempt to unmanage an NE fails.		
Raising condition: ('Site State' EQUAL 'Unmanage Failed')		
Clearing condition: ('Site State' NOT EQUAL 'Unmanage Failed')		
Remedial action: Informational - if the alarm persists please contact Alcatel-Lucent support for assistance		

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Note — Some alarms that the 5620 SAM can raise against this device may not be listed in this chapter. Associating alarms with specific NE types is an ongoing Alcatel-Lucent effort. If the 5620 SAM raises an alarm against this device type, and the alarm is not described in this chapter, see chapter 41 for information about the alarm.

Table 6-1 AccessInterfaceDown

Alarm	Attributes	Applicable major releases
Name: AccessInterfaceDown (249) Type: AccessInterfaceAlarm (32) Package: service Raised on class: service.AccessInterface	Severity: critical Implicitly cleared: true Default probable cause: interfaceDown (32)	<ul style="list-style-type: none"> • 3.0.0 • 4.0.0 • 5.0.0 • 6.0.0 • 7.0.0
Description: The alarm is raised when an L2 or L3 interface operational state is Down. The alarm is not raised against an L2 access interface that is associated with an MC ring or MC LAG in the standby state.		
Raising condition: (('Operational State' NOT EQUAL 'Up') AND ('State Cause' NOT EQUAL 'Standby For MC-Ring') AND ('State Cause' NOT EQUAL 'Standby For MC-Lag') AND ('State Cause' NOT EQUAL 'Standby For BGP Multi-homing'))		
Clearing condition: (('Operational State' EQUAL 'Up') OR ('State Cause' EQUAL 'Standby For MC-Ring') OR ('State Cause' EQUAL 'Standby For MC-Lag') OR ('State Cause' EQUAL 'Standby For BGP Multi-homing'))		
Remedial action: The condition exists because the physical interface is down either because it is administratively disabled, faulty or a cabling fault has occurred. Ensure that the interface is administratively up. Check for a poor cable connection to the port or for a faulty cable/fiber. If neither appears to be the problem run diagnostics on the port to determine if it is faulty.		

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Table 6-2 ActiveAbnormalCondition

Alarm	Attributes	Applicable major releases
Name: ActiveAbnormalCondition (3938) Type: activeAbnormalConditionAlarm (116) Package: netw Raised on class: netw.NetworkElement	Severity: major Implicitly cleared: true Default probable cause: ActiveAbnormalConditionState (1520)	<ul style="list-style-type: none"> • 3.0.0 • 4.0.0 • 5.0.0 • 6.0.0 • 7.0.0
Description: The alarm is an indication for abnormal condition on NE.		
Raising condition: ('abnormalCondition' EQUAL 'true')		
Clearing condition: ('abnormalCondition' EQUAL 'false')		
Remedial action: This alarm is raised when there is a abnormal state indication on NE.		

Table 6-3 AggregatedVFLPortDown

Alarm	Attributes	Applicable major releases
Name: AggregatedVFLPortDown (5436) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.Shelf	Severity: critical Implicitly cleared: true Default probable cause: connectivityIssue (2137)	<ul style="list-style-type: none"> • 3.0.0 • 4.0.0 • 5.0.0 • 6.0.0 • 7.0.0
Description: The alarm is generated when the aggregated virtual fabric link on the virtual chassis slot is down.		
Raising condition: (('Shelf Type' EQUAL '7850') AND ('Total Slots' EQUAL '4') AND ('Virtual Fabric Link State' NOT EQUAL 'Up'))		
Clearing condition: (('Shelf Type' EQUAL '7850') AND ('Total Slots' EQUAL '4') AND ('Virtual Fabric Link State' EQUAL 'Up'))		
Remedial action: The alarm is raised when the aggregated virtual fabric link on the virtual chassis is down. Please check the virtual fabric links for the virtual chassis setup.		

Table 6-4 AGWDiameterPeerDown

Alarm	Attributes	Applicable major releases
Name: AGWDiameterPeerDown (844) Type: EpcAlarm (59) Package: Ite Raised on class: Ite.AGWDiameterPeer	Severity: variable Implicitly cleared: true Default probable cause: EPSPeerDown (602)	<ul style="list-style-type: none"> • 3.0.0 • 4.0.0 • 5.0.0 • 6.0.0 • 7.0.0
Description: The alarm is raised when the path management state of a Diameter peer changes to a state other than Up.		
Raising condition: ('Path Diameter Management State' NOT EQUAL 'Active')		
Clearing condition: ('Path Diameter Management State' EQUAL 'Active')		

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Alarm	Attributes	Applicable major releases
Remedial action: A Ga reference point (peer) is operationally down for one of the following reasons: the underlying IP or physical interface is down, the far end peer is down or the underlying transport between this NE and the peer NE is down. To resolve the issue ensure that the IP/physical interface is up, check that the far end peer is operational and check that the underlying transport network is up.		

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Table 6-5 AncillaryPathLimitReached

Alarm	Attributes	Applicable major releases
Name: AncillaryPathLimitReached (459) Type: resourceAlarm (28) Package: equipment Raised on class: equipment.DaughterCard	Severity: warning Implicitly cleared: true Default probable cause: resourceLimitReached (131)	<ul style="list-style-type: none"> • 3.0.0 • 4.0.0 • 5.0.0 • 6.0.0 • 7.0.0
Description: The alarm is raised when the Ingress Multicast Path Management ancillary path bandwidth limit is reached.		
Raising condition: (('Ancillary Path Limit Override' > '0') AND ('Ancillary Path In use' >= (1000 * 'Ancillary Path Limit Override'))"		
Clearing condition: (('Ancillary Path Limit Override' > '0') AND ('Ancillary Path In use' < (1000 * 'Ancillary Path Limit Override'))"		
Remedial action: Informational - The alarm is raised when the Ingress Multicast Path Management ancillary path bandwidth limit is reached. This can be remedied by modifying the ancillary path limit located at T1 Paths tab of the multicast bandwidth policy which assigned to the card, or increase the ancillary path limit override located at the Daughter Card tab under Daughter Card Slot form.		

Table 6-6 AtcaFanFailure

Alarm	Attributes	Applicable major releases
Name: AtcaFanFailure (1124) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.Fan	Severity: critical Implicitly cleared: true Default probable cause: fanFailure (116)	<ul style="list-style-type: none"> • 5.0.0 • 6.0.0 • 7.0.0
Description: The alarm is raised when the associated fan is not operationally Up.		
Raising condition: (('operationalState' EQUAL 'Disabled') OR ('operationalState' EQUAL 'Down'))		
Clearing condition: (('operationalState' EQUAL 'Enabled') OR ('operationalState' EQUAL 'Up'))		
Remedial action: This alarm is raised if the fan speed falls below 500 rpm. If the alarm persists, replace the appropriate (upper or lower) fan tray.		

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Table 6-7 AuxiliaryServerStatus

Alarm	Attributes	Applicable major releases
Name: AuxiliaryServerStatus (311) Type: communicationsAlarm (4) Package: server Raised on class: server.AuxiliaryServer	Severity: critical Implicitly cleared: true Default probable cause: systemFailed (144)	<ul style="list-style-type: none"> • 3.0.0 • 4.0.0 • 5.0.0 • 6.0.0 • 7.0.0
Description: The alarm is raised when a 5620 SAM main server cannot communicate with an auxiliary server. The alarm clears when communication is restored.		
Raising condition: ('Server Status' EQUAL 'Down')		
Clearing condition: ('Server Status' EQUAL 'Up')		
Remedial action: Informational - if the alarm persists or is occurring frequently then investigation is required to understand why the connectivity between the AUX and SAM servers is unreliable.		

Table 6-8 BITS2NotQualified

Alarm	Attributes	Applicable major releases
Name: BITS2NotQualified (1941) Type: communicationsAlarm (4) Package: sonet Raised on class: sonet.SiteSync	Severity: minor Implicitly cleared: true Default probable cause: timingReferenceNotQualified (418)	<ul style="list-style-type: none"> • 3.0.0 • 4.0.0 • 5.0.0 • 6.0.0 • 7.0.0
Description: The alarm is raised when the BITS-2 timing reference on an NE is not in the Qualified state.		
Raising condition: (('Qualified For Use' EQUAL 'Not Qualified') AND ('Input Administrative State' NOT EQUAL 'Down'))		
Clearing condition: (('Qualified For Use' NOT EQUAL 'Not Qualified') OR ('Input Administrative State' EQUAL 'Down'))		
Remedial action: Make sure that BITS2 is qualified		

Table 6-9 BITSNotQualified

Alarm	Attributes	Applicable major releases
Name: BITSNotQualified (547) Type: communicationsAlarm (4) Package: sonet Raised on class: sonet.SiteSync	Severity: minor Implicitly cleared: true Default probable cause: timingReferenceNotQualified (418)	<ul style="list-style-type: none"> • 3.0.0 • 4.0.0 • 5.0.0 • 6.0.0 • 7.0.0
Description: The alarm is raised when the BITS timing reference on an NE is not in the Qualified state.		
Raising condition: (('Qualified For Use' EQUAL 'Not Qualified') AND ('Output Administrative State' NOT EQUAL 'Down'))		
Clearing condition: (('Qualified For Use' NOT EQUAL 'Not Qualified') OR ('Output Administrative State' EQUAL 'Down'))		
Remedial action: Make sure that BITS is qualified		

Table 6-10 BITSReferenceLossOfSignal

Alarm	Attributes	Applicable major releases
Name: BITSReferenceLossOfSignal (1950) Type: communicationsAlarm (4) Package: sonet Raised on class: sonet.SiteSync	Severity: minor Implicitly cleared: true Default probable cause: BITSReferenceLossOfSignal (938)	<ul style="list-style-type: none"> • 3.0.0 • 4.0.0 • 5.0.0 • 6.0.0 • 7.0.0
Description: The alarm is raised when the BITS reference on an NE is not qualified due to Loss of Signal.		
Raising condition: (('Not Qualified Due To'anyBit'LOS'))		
Clearing condition: NOT (('Not Qualified Due To'anyBit'LOS'))		
Remedial action: Make sure that peer connected to BITS is properly configured.		

Table 6-11 BITSReferenceOutOfFrequency

Alarm	Attributes	Applicable major releases
Name: BITSReferenceOutOfFrequency (1951) Type: communicationsAlarm (4) Package: sonet Raised on class: sonet.SiteSync	Severity: minor Implicitly cleared: true Default probable cause: BITSReferenceOutOfFrequency (939)	<ul style="list-style-type: none"> • 3.0.0 • 4.0.0 • 5.0.0 • 6.0.0 • 7.0.0
Description: The alarm is raised when the BITS Reference on an NE is not qualified due to Out of frequency.		
Raising condition: (('Not Qualified Due To'anyBit'OOF'))		
Clearing condition: NOT (('Not Qualified Due To'anyBit'OOF'))		
Remedial action: Make sure that frequency configured for BITS is correct.		

Table 6-12 BITSReferenceOutOfPollInRange

Alarm	Attributes	Applicable major releases
Name: BITSReferenceOutOfPollInRange (1952) Type: communicationsAlarm (4) Package: sonet Raised on class: sonet.SiteSync	Severity: minor Implicitly cleared: true Default probable cause: BITSReferenceOutOfPollInRange (940)	<ul style="list-style-type: none"> • 3.0.0 • 4.0.0 • 5.0.0 • 6.0.0 • 7.0.0
Description: The alarm is raised when the BITS Reference on an NE is not qualified state due to Out of poll in range.		
Raising condition: (('Not Qualified Due To'anyBit'OOPIR'))		
Clearing condition: NOT (('Not Qualified Due To'anyBit'OOPIR'))		
Remedial action: Check the BITS is configured correctly. Check the SONET port is configured correctly and that the physical layer cabling is operating correctly. Call customer support if necessary		

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Table 6-13 BootableConfigBackupFailed

Alarm	Attributes	Applicable major releases
Name: BootableConfigBackupFailed (103) Type: configurationAlarm (11) Package: sw Raised on class: sw.BackupRestoreManager	Severity: major Implicitly cleared: true Default probable cause: fileTransferFailure (89)	<ul style="list-style-type: none"> • 3.0.0 • 4.0.0 • 5.0.0 • 6.0.0 • 7.0.0
Description: The alarm is raised when the 5620 SAM fails to back up a set of NE configuration files.		
Raising condition: ('Backup State' EQUAL 'Failure')		
Clearing condition: ('Backup State' EQUAL 'Success')		
Remedial action: Investigation is required to resolve the following possible scenarios: insufficient disk space is available to accommodate the NE configuration files (additional SAM platform alarms will accompany this alarm); the NE is unreachable (including underlying transport network issue); loss of connectivity to the NE during transfer; the FTP daemon on the NE may have stopped; FTP security credential issues.		

Table 6-14 BootableConfigRestoreFailed

Alarm	Attributes	Applicable major releases
Name: BootableConfigRestoreFailed (104) Type: configurationAlarm (11) Package: sw Raised on class: sw.BackupRestoreManager	Severity: major Implicitly cleared: true Default probable cause: fileTransferFailure (89)	<ul style="list-style-type: none"> • 3.0.0 • 4.0.0 • 5.0.0 • 6.0.0 • 7.0.0
Description: The alarm is raised when the 5620 SAM fails to restore a set of NE configuration files.		
Raising condition: ('Restore State' EQUAL 'Failure')		
Clearing condition: ('Restore State' EQUAL 'Success')		
Remedial action: Investigation is required to resolve the following possible scenarios: the NE is unreachable (including underlying transport network issue); loss of connectivity to the NE during transfer; the FTP daemon on the NE may have stopped; FTP security credential issues.		

Table 6-15 BootParametersMisconfigured

Alarm	Attributes	Applicable major releases
Name: BootParametersMisconfigured (35) Type: configurationAlarm (11) Package: netw Raised on class: netw.NetworkElement	Severity: critical Implicitly cleared: true Default probable cause: persistentIndexFailure (30) Applicable probable causes: <ul style="list-style-type: none"> • persistentIndexFailure • configFileBootFailure 	<ul style="list-style-type: none"> • 3.0.0 • 4.0.0 • 5.0.0 • 6.0.0 • 7.0.0
Description: The alarm is raised when the SNMP Index Boot Status on an NE is not set to Persistent.		

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Alarm	Attributes	Applicable major releases
Raising condition: (('isGenericNode' EQUAL 'false') AND ('State' NOT EQUAL 'Pre-provisioned') AND (((('Config File Status' NOT EQUAL 'Executed Successfully') AND ('Config File Status' NOT EQUAL 'configFileStatus_unspecified')) OR (('Persistent Index Status' NOT EQUAL 'Rebuild Succeeded') AND ('Persistent Index Status' NOT EQUAL 'persistentIndexStatus_unspecified'))))		
Clearing condition: (('Config File Status' EQUAL 'Executed Successfully') AND ('Persistent Index Status' EQUAL 'Rebuild Succeeded'))		
Remedial action: Ensure that "SNMP Index Boot Status" is persistent (using cli command "show system information" on the NE). If not, unmanage the network element from SAM, ensure that "persist on" is set in the bof file, save the bof, save a config file, verify that an index file (.ndx) is saved as well, reboot the router, verify that SNMP Index Boot Status is persistent and finally remanage the router from SAM.		

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Table 6-16 ClientDelegateServerStatus

Alarm	Attributes	Applicable major releases
Name: ClientDelegateServerStatus (731) Type: communicationsAlarm (4) Package: server Raised on class: server.ClientDelegateServer	Severity: critical Implicitly cleared: true Default probable cause: systemFailed (144)	<ul style="list-style-type: none"> • 3.0.0 • 4.0.0 • 5.0.0 • 6.0.0 • 7.0.0
Description: The alarm is raised when a client delegate server is unreachable.		
Raising condition: ('Server Status' EQUAL 'Down')		
Clearing condition: ('Server Status' EQUAL 'Up')		
Remedial action: Informational - if the alarm persists or is occurring frequently then investigation is required to understand why the connectivity between the client delegate platform and SAM servers is unreliable or the client delegate server itself is unreliable.		

Table 6-17 ContainingEquipmentAdministrativelyDown

Alarm	Attributes	Applicable major releases
Name: ContainingEquipmentAdministrativelyDown (466) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.Port	Severity: minor Implicitly cleared: true Default probable cause: containingEquipmentAdministrativelyDown (330)	<ul style="list-style-type: none"> • 3.0.0 • 4.0.0 • 5.0.0 • 6.0.0 • 7.0.0
Description: The alarm is raised when the compositeEquipmentState attribute has a value of containingEquipmentAdministrativelyDown.		
Raising condition: (('Status' EQUAL 'Parent Admin Down') AND ('isTerminatable' EQUAL 'true'))		
Clearing condition: (('Status' NOT EQUAL 'Parent Admin Down') OR ('isTerminatable' NOT EQUAL 'true'))		
Remedial action: Informational - no corrective action required.		

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Table 6-18 ContainingEquipmentMismatch

Alarm	Attributes	Applicable major releases
Name: ContainingEquipmentMismatch (464) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.Port	Severity: major Implicitly cleared: true Default probable cause: containingEquipmentMismatch (328)	<ul style="list-style-type: none"> • 3.0.0 • 4.0.0 • 5.0.0 • 6.0.0 • 7.0.0
Description: The alarm is raised when the compositeEquipmentState attribute has a value of containingEquipmentMismatch.		
Raising condition: (('Status' EQUAL 'Parent Type Mismatch') AND ('isTerminatable' EQUAL 'true'))		
Clearing condition: (('Status' NOT EQUAL 'Parent Type Mismatch') OR ('isTerminatable' NOT EQUAL 'true'))		
Remedial action: A configuration error has occurred which must be corrected. The card type configured for the slot identified in the alarm must match the installed card type.		

Table 6-19 ContainingEquipmentOperationallyDown

Alarm	Attributes	Applicable major releases
Name: ContainingEquipmentOperationallyDown (465) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.Port	Severity: major Implicitly cleared: true Default probable cause: containingEquipmentDown (329)	<ul style="list-style-type: none"> • 3.0.0 • 4.0.0 • 5.0.0 • 6.0.0 • 7.0.0
Description: The alarm is raised when the compositeEquipmentState attribute has a value of containingEquipmentOperationallyDown.		
Raising condition: (('Status' EQUAL 'Parent Oper Down') AND ('isTerminatable' EQUAL 'true'))		
Clearing condition: (('Status' NOT EQUAL 'Parent Oper Down') OR ('isTerminatable' NOT EQUAL 'true'))		
Remedial action: The operational state of the equipment element indicated in the alarm is down. This may be due to the element's administrative state or it may indicate that the element has failed.		

Table 6-20 CorruptImageFile

Alarm	Attributes	Applicable major releases
Name: CorruptImageFile (171) Type: configurationAlarm (11) Package: mediation Raised on class: mediation.AbstractSoftwareFolderDescriptor	Severity: critical Implicitly cleared: true Default probable cause: invalidOrCorruptImageFile (134)	<ul style="list-style-type: none"> • 3.0.0 • 4.0.0 • 5.0.0 • 6.0.0 • 7.0.0
Description: The alarm is raised when one or more files in the 5620 SAM software image specified for a device software upgrade is invalid, corrupt or absent. The 5620 SAM validates a device software file set before it imports the file set and distributes it to an NE. Ensure that the file set downloads properly to the NE and is not tampered with before you re-attempt the upgrade. The alarm clears when a valid file set is on the NE and the 5620 SAM activates the software image in the file set.		

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Alarm	Attributes	Applicable major releases
Raising condition: ('isImageValid' EQUAL 'false')		
Clearing condition: ('isImageValid' EQUAL 'true')		
Remedial action: The existing SW image in the SAM database should be replaced with an image that is known to be complete and valid.		

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Table 6-21 downgradedCardAlarm

Alarm	Attributes	Applicable major releases
Name: downgradedCardAlarm (256) Type: softwareAlarm (19) Package: equipment Raised on class: equipment.Card	Severity: warning Implicitly cleared: true Default probable cause: downgradedCard (195)	<ul style="list-style-type: none"> • 3.0.0 • 4.0.0 • 5.0.0 • 6.0.0 • 7.0.0
Description: The alarm is raised when an IOM is not upgraded or reset after a device software upgrade of both CPMs. A device resets an IOM automatically after 120 minutes if the IOM is not manually reset after a CPM upgrade.		
Raising condition: ('operationalState' EQUAL 'Downgrade')		
Clearing condition: ('operationalState' EQUAL 'Up')		
Remedial action: Informational - no corrective action required.		

Table 6-22 EfmOamAlarm

Alarm	Attributes	Applicable major releases
Name: EfmOamAlarm (4617) Type: equipmentAlarm (3) Package: ethernetequipment Raised on class: ethernetequipment.Dot3Oam	Severity: minor Implicitly cleared: true Default probable cause: EFMOAMOperationalstateOutofService (1886)	<ul style="list-style-type: none"> • 3.0.0 • 4.0.0 • 5.0.0 • 6.0.0 • 7.0.0
Description: The alarm is raised when EFM Ignore status is Enabled, and Physical port Administrative State is Down.		
Raising condition: ('Ignore EFM State' EQUAL 'true')		
Clearing condition: ('Ignore EFM State' EQUAL 'true')		
Remedial action: The alarm is raised when EFM Ignore status is Enabled, and Physical port Administrative State is Down.		

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Table 6-23 EquipmentAdministrativelyDown

Alarm	Attributes	Applicable major releases
Name: EquipmentAdministrativelyDown (455) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.Equipment	Severity: minor Implicitly cleared: true Default probable cause: equipmentAdministrativelyDown (326)	<ul style="list-style-type: none"> • 3.0.0 • 4.0.0 • 5.0.0 • 6.0.0 • 7.0.0
Description: The alarm is raised when the compositeEquipmentState attribute has a value of equipmentAdministrativelyDown.		
Raising condition: ('compositeEquipmentState' EQUAL 'Admin Down')		
Clearing condition: ('compositeEquipmentState' NOT EQUAL 'Admin Down')		
Remedial action: Informational - no corrective action required.		

Table 6-24 EquipmentDegraded

Alarm	Attributes	Applicable major releases
Name: EquipmentDegraded (604) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.FanTray	Severity: minor Implicitly cleared: true Default probable cause: singleFanFailure (450)	<ul style="list-style-type: none"> • 5.0.0 • 6.0.0 • 7.0.0
Description: The alarm is raised when a single fan fails. The chassis attempts to continue operating within the normal temperature range using only the remaining fans.		
Raising condition: ('Device State' EQUAL 'MinorFailure')		
Clearing condition: ('Device State' NOT EQUAL 'MinorFailure')		
Remedial action: The failed fan unit should be replaced.		

Table 6-25 EquipmentDown

Alarm	Attributes	Applicable major releases
Name: EquipmentDown (10) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.Equipment	Severity: major Implicitly cleared: true Default probable cause: inoperableEquipment (8)	<ul style="list-style-type: none"> • 3.0.0 • 4.0.0 • 5.0.0 • 6.0.0 • 7.0.0
Description: The alarm is raised when the compositeEquipmentState attribute has a value of equipmentOperationallyDown.		
Raising condition: ('compositeEquipmentState' EQUAL 'Oper Down')		
Clearing condition: ('compositeEquipmentState' NOT EQUAL 'Oper Down')		
Remedial action: This alarm indicates that a card in the NE has failed. The card must be replaced.		

Table 6-26 EquipmentFailure

Alarm	Attributes	Applicable major releases
Name: EquipmentFailure (145) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.ReplaceableUnit	Severity: critical Implicitly cleared: true Default probable cause: cardFailure (123)	<ul style="list-style-type: none"> • 3.0.0 • 4.0.0 • 5.0.0 • 6.0.0 • 7.0.0
Description: The alarm is raised when a control processor or power-supply tray reports a failure. When the object type is ControlProcessor, a CPM may be unable to boot. When the object type is Power Supply Tray and the alarm is raised during device discovery, a power-supply tray may be out of service. When the object type is a Power Supply Tray and the device is in the managed state, a power-supply tray may be out of service or the AC power shelf has a fault condition. The alarm clears when the status changes to OK.		
Raising condition: ('operationalState' EQUAL 'Failed')		
Clearing condition: ('operationalState' NOT EQUAL 'Failed')		
Remedial action: If the alarm indicates that the CPM card has a fault, remove the card and reset it. If this does not clear the alarm then please contact Alcatel-Lucent support for assistance. If the alarm indicates that the Power Supply tray is out of service ensure that the NE is properly connected to power. If the problem persists please contact Alcatel-Lucent support for assistance.		

Table 6-27 EquipmentInTest

Alarm	Attributes	Applicable major releases
Name: EquipmentInTest (11) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.Equipment	Severity: warning Implicitly cleared: true Default probable cause: equipmentInTest (9)	<ul style="list-style-type: none"> • 3.0.0 • 4.0.0 • 5.0.0 • 6.0.0 • 7.0.0
Description: The alarm is raised when equipment enters a diagnostic state.		
Raising condition: ('compositeEquipmentState' EQUAL 'In Test')		
Clearing condition: ('compositeEquipmentState' NOT EQUAL 'In Test')		
Remedial action: Informational - no corrective action required.		

Table 6-28 EquipmentMismatch

Alarm	Attributes	Applicable major releases
Name: EquipmentMismatch (9) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.Equipment	Severity: major Implicitly cleared: true Default probable cause: equipmentTypeMismatch (7)	<ul style="list-style-type: none"> • 3.0.0 • 4.0.0 • 5.0.0 • 6.0.0 • 7.0.0
Description: The alarm is raised when the compositeEquipmentState attribute has a value of equipmentMismatch.		
Raising condition: ('compositeEquipmentState' EQUAL 'Type Mismatch')		

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Alarm	Attributes	Applicable major releases
Clearing condition: ('compositeEquipmentState' NOT EQUAL 'Type Mismatch')		
Remedial action: A configuration error has occurred which must be corrected. The card type configured for the slot identified in the alarm must match the installed card type.		

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Table 6-29 EquipmentRemoved

Alarm	Attributes	Applicable major releases
Name: EquipmentRemoved (8) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.Equipment	Severity: major Implicitly cleared: true Default probable cause: replaceableEquipmentRemoved (6)	<ul style="list-style-type: none"> • 3.0.0 • 4.0.0 • 5.0.0 • 6.0.0 • 7.0.0
Description: The alarm is raised when the compositeEquipmentState attribute has a value of equipmentMissing.		
Raising condition: (((('isEquipped' EQUAL 'false') OR ('compositeEquipmentState' EQUAL 'Removed')) AND ('isEquipmentInserted' EQUAL 'true'))		
Clearing condition: (('compositeEquipmentState' NOT EQUAL 'Removed') AND ('isEquipped' EQUAL 'true'))		
Remedial action: Informational - this alarm is raised when a card is removed.		

Table 6-30 EthernetPortConfiguredLoopback

Alarm	Attributes	Applicable major releases
Name: EthernetPortConfiguredLoopback (801) Type: configurationAlarm (11) Package: ethernetequipment Raised on class: ethernetequipment.EthernetPortSpecifics	Severity: warning Implicitly cleared: true Default probable cause: ethernetPortConfiguredLoopback (567)	<ul style="list-style-type: none"> • 3.0.0 • 4.0.0 • 5.0.0 • 6.0.0 • 7.0.0
Description: The alarm is raised when a timed loopback is in effect for an Ethernet port.		
Raising condition: (('Type' NOT EQUAL 'None'))		
Clearing condition: (('Type' EQUAL 'None'))		
Remedial action: This alarm has been raised by the node because "Timed Loopback" option of the specific port's Ethernet property has been enabled. To resolve this problem from "Ethernet" tab of "Physical Port" properties form configure "Timed Loopback" Type property as "None".		

Table 6-31 EthernetPortDuplicateLane

Alarm	Attributes	Applicable major releases
Name: EthernetPortDuplicateLane (3557) Type: communicationsAlarm (4) Package: ethernetequipment Raised on class: ethernetequipment.EthernetPortSpecifics	Severity: major Implicitly cleared: true Default probable cause: DuplicateLane (1387)	<ul style="list-style-type: none"> • 3.0.0 • 4.0.0 • 5.0.0 • 6.0.0 • 7.0.0
Description: The alarm is raised when a device reports a Duplicate Lane on an Ethernet port.		
Raising condition: (('Outstanding Alarms'anyBit'Duplicate Lane') AND ('Report Alarms'anyBit'Duplicate Lane'))		
Clearing condition: NOT (('Outstanding Alarms'anyBit'Duplicate Lane') AND ('Report Alarms'anyBit'Duplicate Lane'))		
Remedial action: One of the following conditions exists on the referenced physical interface which must be corrected. A cable/fiber fault exists which must be corrected - check to ensure that the cable is not faulty and is properly connected. The port is faulty - run diagnostics on the port to determine the nature of the fault. If the problem cannot be resolved swap the card containing the port with a card which is known be functional.		

Table 6-32 EthernetPortHighBer

Alarm	Attributes	Applicable major releases
Name: EthernetPortHighBer (307) Type: communicationsAlarm (4) Package: ethernetequipment Raised on class: ethernetequipment.EthernetPortSpecifics	Severity: major Implicitly cleared: true Default probable cause: HighBer (238)	<ul style="list-style-type: none"> • 3.0.0 • 4.0.0 • 5.0.0 • 6.0.0 • 7.0.0
Description: The alarm is raised when a device reports a high bit-error rate on an Ethernet port.		
Raising condition: (('Outstanding Alarms'anyBit'High Bit Error Rate') AND ('Report Alarms'anyBit'High Bit Error Rate'))		
Clearing condition: NOT (('Outstanding Alarms'anyBit'High Bit Error Rate') AND ('Report Alarms'anyBit'High Bit Error Rate'))		
Remedial action: One of the following conditions exists on the physical interface which must be corrected. A cable/fiber fault exists which must be corrected - check to ensure that the cable is not faulty and is properly connected. The port is faulty - run diagnostics on the port to determine the nature of the fault.		

Table 6-33 EthernetPortLocalFault

Alarm	Attributes	Applicable major releases
Name: EthernetPortLocalFault (305) Type: communicationsAlarm (4) Package: ethernetequipment Raised on class: ethernetequipment.EthernetPortSpecifics	Severity: major Implicitly cleared: true Default probable cause: LocalFault (236)	<ul style="list-style-type: none"> • 3.0.0 • 4.0.0 • 5.0.0 • 6.0.0 • 7.0.0
Description: The alarm is raised when a device reports a local fault on an Ethernet port.		
Raising condition: (('Outstanding Alarms'anyBit'Local Fault') AND ('Report Alarms'anyBit'Local Fault'))		

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Alarm	Attributes	Applicable major releases
Clearing condition: NOT (((('Outstanding Alarms'anyBit'Local Fault') AND ('Report Alarms'anyBit'Local Fault'))		
Remedial action: One of the following conditions exists on the physical interface which must be corrected. A cable/fiber fault exists which must be corrected - check to ensure that the cable is not faulty and is properly connected. The port is faulty - run diagnostics on the port to determine the nature of the fault.		

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Table 6-34 EthernetPortNoAmLock

Alarm	Attributes	Applicable major releases
Name: EthernetPortNoAmLock (3558) Type: communicationsAlarm (4) Package: ethernetequipment Raised on class: ethernetequipment.EthernetPortSpecifics	Severity: major Implicitly cleared: true Default probable cause: NoAmLock (1388)	<ul style="list-style-type: none"> • 3.0.0 • 4.0.0 • 5.0.0 • 6.0.0 • 7.0.0
Description: The alarm is raised when a device reports a No Am Lock on an Ethernet port.		
Raising condition: (('Outstanding Alarms'anyBit'No AM Lock') AND ('Report Alarms'anyBit'No AM Lock'))		
Clearing condition: NOT (((('Outstanding Alarms'anyBit'No AM Lock') AND ('Report Alarms'anyBit'No AM Lock'))		
Remedial action: One of the following conditions exists on the referenced physical interface which must be corrected. A cable/fiber fault exists which must be corrected - check to ensure that the cable is not faulty and is properly connected. The port is faulty - run diagnostics on the port to determine the nature of the fault. If the problem cannot be resolved swap the card containing the port with a card which is known be functional.		

Table 6-35 EthernetPortNoBlockLock

Alarm	Attributes	Applicable major releases
Name: EthernetPortNoBlockLock (3559) Type: communicationsAlarm (4) Package: ethernetequipment Raised on class: ethernetequipment.EthernetPortSpecifics	Severity: major Implicitly cleared: true Default probable cause: NoBlockLock (1389)	<ul style="list-style-type: none"> • 3.0.0 • 4.0.0 • 5.0.0 • 6.0.0 • 7.0.0
Description: The alarm is raised when a device reports a No Block Lock on an Ethernet port.		
Raising condition: (('Outstanding Alarms'anyBit'No Block Lock') AND ('Report Alarms'anyBit'No Block Lock'))		
Clearing condition: NOT (((('Outstanding Alarms'anyBit'No Block Lock') AND ('Report Alarms'anyBit'No Block Lock'))		
Remedial action: One of the following conditions exists on the referenced physical interface which must be corrected. A cable/fiber fault exists which must be corrected - check to ensure that the cable is not faulty and is properly connected. The port is faulty - run diagnostics on the port to determine the nature of the fault. If the problem cannot be resolved swap the card containing the port with a card which is known be functional.		

Table 6-36 EthernetPortNoFrameLock

Alarm	Attributes	Applicable major releases
Name: EthernetPortNoFrameLock (306) Type: communicationsAlarm (4) Package: ethernetequipment Raised on class: ethernetequipment.EthernetPortSpecifics	Severity: major Implicitly cleared: true Default probable cause: NoFrameLock (237)	<ul style="list-style-type: none"> • 3.0.0 • 4.0.0 • 5.0.0 • 6.0.0 • 7.0.0
Description: The alarm is raised when a device reports No Frame Lock on an Ethernet port.		
Raising condition: (('Outstanding Alarms'anyBit'No Frame Lock') AND ('Report Alarms'anyBit'No Frame Lock'))		
Clearing condition: NOT (('Outstanding Alarms'anyBit'No Frame Lock') AND ('Report Alarms'anyBit'No Frame Lock'))		
Remedial action: One of the following conditions exists on the physical interface which must be corrected. A cable/fiber fault exists which must be corrected - check to ensure that the cable is not faulty and is properly connected. The port is faulty - run diagnostics on the port to determine the nature of the fault.		

Table 6-37 EthernetPortRemoteFault

Alarm	Attributes	Applicable major releases
Name: EthernetPortRemoteFault (304) Type: communicationsAlarm (4) Package: ethernetequipment Raised on class: ethernetequipment.EthernetPortSpecifics	Severity: major Implicitly cleared: true Default probable cause: RemoteFault (235)	<ul style="list-style-type: none"> • 3.0.0 • 4.0.0 • 5.0.0 • 6.0.0 • 7.0.0
Description: The alarm is raised when a device reports a remote fault on an Ethernet port.		
Raising condition: (('Outstanding Alarms'anyBit'Remote Fault') AND ('Report Alarms'anyBit'Remote Fault'))		
Clearing condition: NOT (('Outstanding Alarms'anyBit'Remote Fault') AND ('Report Alarms'anyBit'Remote Fault'))		
Remedial action: One of the following conditions exists on the remote physical interface which must be corrected. A cable/fiber fault exists which must be corrected - check to ensure that the cable is not faulty and is properly connected. The port is faulty - run diagnostics on the port to determine the nature of the fault.		

Table 6-38 EthernetPortSignalFailure

Alarm	Attributes	Applicable major releases
Name: EthernetPortSignalFailure (303) Type: communicationsAlarm (4) Package: ethernetequipment Raised on class: ethernetequipment.EthernetPortSpecifics	Severity: major Implicitly cleared: true Default probable cause: SignalFailure (234)	<ul style="list-style-type: none"> • 3.0.0 • 4.0.0 • 5.0.0 • 6.0.0 • 7.0.0
Description: The alarm is raised when a device reports a signal failure on an Ethernet port.		
Raising condition: (('Outstanding Alarms'anyBit'Signal Failure') AND ('Report Alarms'anyBit'Signal Failure'))		

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Alarm	Attributes	Applicable major releases
Clearing condition: NOT (('Outstanding Alarms'anyBit'Signal Failure') AND ('Report Alarms'anyBit'Signal Failure'))		
Remedial action: One of the following conditions exists on the physical interface which must be corrected. A cable/fiber fault exists which must be corrected - check to ensure that the cable is not faulty and is properly connected. The port is faulty - run diagnostics on the port to determine the nature of the fault.		

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Table 6-39 ExternalTimingReferenceNotQualified

Alarm	Attributes	Applicable major releases
Name: ExternalTimingReferenceNotQualified (548) Type: communicationsAlarm (4) Package: sonet Raised on class: sonet.SiteSync	Severity: minor Implicitly cleared: true Default probable cause: timingReferenceNotQualified (418)	<ul style="list-style-type: none"> • 3.0.0 • 4.0.0 • 5.0.0 • 6.0.0 • 7.0.0
Description: The alarm is raised when the External timing reference on an NE is not in the Qualified state.		
Raising condition: (('Qualified For Use' EQUAL 'Not Qualified') AND ('Administrative State' NOT EQUAL 'Down'))		
Clearing condition: (('Qualified For Use' NOT EQUAL 'Not Qualified') OR ('Administrative State' EQUAL 'Down'))		
Remedial action: Informational		

Table 6-40 FanFailure

Alarm	Attributes	Applicable major releases
Name: FanFailure (624) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.FanTray	Severity: critical Implicitly cleared: true Default probable cause: fanFailure (116)	<ul style="list-style-type: none"> • 5.0.0 • 6.0.0 • 7.0.0
Description: The alarm is raised when the associated fan is not operationally Up.		
Raising condition: (('Device State' EQUAL 'Failed') OR ('Device State' EQUAL 'Unknown') OR ('Device State' EQUAL 'OutOfservice'))		
Clearing condition: ('Device State' EQUAL 'OK')		
Remedial action: Remove and reset the fan unit. If this does not resolve the problem replace the fan.		

Table 6-41 FanTrayRemoved

Alarm	Attributes	Applicable major releases
Name: FanTrayRemoved (569) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.FanTray	Severity: critical Implicitly cleared: true Default probable cause: FanTrayRemoved (438)	<ul style="list-style-type: none"> • 5.0.0 • 6.0.0 • 7.0.0
Description: The alarm is raised when the deviceState attribute has a value of deviceNotEquipped.		
Raising condition: ('Device State' EQUAL 'Not Equipped')		
Clearing condition: ('Device State' NOT EQUAL 'Not Equipped')		
Remedial action: Informational - a fan tray has been removed from the NE.		

Table 6-42 ForwardingTableSizeLimitReached

Alarm	Attributes	Applicable major releases
Name: ForwardingTableSizeLimitReached (164) Type: resourceAlarm (28) Package: I2fwd Raised on class: I2fwd.SiteFib	Severity: major Implicitly cleared: true Default probable cause: resourceLimitReached (131)	<ul style="list-style-type: none"> • 3.0.0 • 4.0.0 • 5.0.0 • 6.0.0 • 7.0.0
Description: The alarm is raised when the number of MAC address entries in the FIB reaches or exceeds the VPLS site high watermark specified by I2fwd.SiteFib.highWatermark. The alarm clears when the number of MAC address entries in the FIB drops below the VPLS site low watermark specified by I2fwd.SiteFib.lowWatermark. The alarm can be raised against a VPLS site, L2 access interface, or spoke SDP binding.		
Raising condition: (('Entries' >= "Size") OR ('Entries' >= (('High Watermark' * 'Size') / 100.0)))"		
Clearing condition: (('Entries' < 'Size') AND (('High Watermark' EQUAL '0L') OR ('Entries' < (('Low Watermark' * 'Size') / 100.0))) AND (('Low Watermark' EQUAL '0L') OR ('Entries' < (('Low Watermark' * 'Size') / 100.0)))		
Remedial action: Informational		

Table 6-43 FrameSizeProblem (netw)

Alarm	Attributes	Applicable major releases
Name: FrameSizeProblem (37) Type: configurationAlarm (11) Package: netw Raised on class: netw.StatefullConnectableInterface	Severity: critical Implicitly cleared: true Default probable cause: frameSizeProblem (33)	<ul style="list-style-type: none"> • 3.0.0 • 4.0.0 • 5.0.0 • 6.0.0 • 7.0.0
Description: The alarm is raised when a provisioned MTU size value is greater than the supported MTU size value.		
Raising condition: (('mtuMismatch' EQUAL 'true') AND ('portId' NOT EQUAL '0L'))		
Clearing condition: (('mtuMismatch' EQUAL 'false') OR ('portId' EQUAL '0L'))		

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Alarm	Attributes	Applicable major releases
Remedial action: A configuration error has been made which must be corrected. The MTU value must be changed such that is less than or equal to the supported MTU size value.		

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Table 6-44 GaPeerDown

Alarm	Attributes	Applicable major releases
Name: GaPeerDown (3303) Type: EpcAlarm (59) Package: Iteggsn Raised on class: Iteggsn.GaPeer	Severity: major Implicitly cleared: true Default probable cause: EPSPeerDown (602)	<ul style="list-style-type: none"> • 3.0.0 • 4.0.0 • 5.0.0 • 6.0.0 • 7.0.0
Description: The alarm is raised when the path management state of a Ga peer changes to a state other than Up.		
Raising condition: ('Path Management State' NOT EQUAL 'Active')		
Clearing condition: ('Path Management State' EQUAL 'Active')		
Remedial action: A Ga reference point (peer) is operationally down for one of the following reasons: the underlying IP or physical interface is down, the far end peer is down or the underlying transport between this NE and the peer NE is down. To resolve the issue ensure that the IP/physical interface is up, check that the far end peer is operational and check that the underlying transport network is up.		

Table 6-45 IncompleteConfiguration

Alarm	Attributes	Applicable major releases
Name: IncompleteConfiguration (1942) Type: operationalViolation (93) Package: netw Raised on class: netw.NetworkElement	Severity: warning Implicitly cleared: true Default probable cause: incompleteConfig (225)	<ul style="list-style-type: none"> • 3.0.0 • 4.0.0 • 5.0.0 • 6.0.0 • 7.0.0
Description: The alarm is raised when a pre-provisioned NE has no objects configured beneath it.		
Raising condition: (('State' EQUAL 'Pre-provisioned') AND ('eNodeB Equipment' EQUAL '\'))		
Clearing condition: (('State' EQUAL 'Pre-provisioned') AND ('eNodeB Equipment' NOT EQUAL '\'))		
Remedial action: A configuration error has been made which must be corrected. The configuration of the pre-provisioned NE is incomplete. A work order was not associated with the pre-provisioned NE and as a consequence the attempt to auto-configure the NE failed.		

Table 6-46 InterfaceDown (netw)

Alarm	Attributes	Applicable major releases
Name: InterfaceDown (36) Type: InterfaceAlarm (13) Package: netw Raised on class: netw.StatefullConnectableInterface	Severity: critical Implicitly cleared: true Default probable cause: interfaceDown (32)	<ul style="list-style-type: none"> • 3.0.0 • 4.0.0 • 5.0.0 • 6.0.0 • 7.0.0
Description: The alarm is raised when an interface or underlying resource fails, as indicated by an interface compositeState attribute value of failed or underlyingResourceFailed.		
Raising condition: (('compositeState' EQUAL 'Inoperable') OR ('compositeState' EQUAL 'Underlying Resource Inoperable'))		
Clearing condition: (('compositeState' NOT EQUAL 'Inoperable') AND ('compositeState' NOT EQUAL 'Underlying Resource Inoperable'))		
Remedial action: A physical port (physical interface, LAG, channel) associated with the network interface in not operation. Ensure that the interface is cabled and that there is not a configuration error (i.e. MTU size set incorrectly) on the interface. Once the issue w		

Table 6-47 InterfaceDown (vpls)

Alarm	Attributes	Applicable major releases
Name: InterfaceDown (36) Type: configurationAlarm (11) Package: vpls Raised on class: vpls.L2ManagementInterface	Severity: major Implicitly cleared: true Default probable cause: interfaceDown (32)	<ul style="list-style-type: none"> • 3.0.0 • 4.0.0 • 5.0.0 • 6.0.0 • 7.0.0
Description: The alarm is raised when an L2 management interface has an Operational State of Down, and the associated VPLS site has an Administrative State of Up.		
Raising condition: (('administrativeState' EQUAL 'Up') AND ('operationalState' NOT EQUAL 'Up'))		
Clearing condition: (('operationalState' EQUAL 'Up') OR ('administrativeState' NOT EQUAL 'Up'))		
Remedial action: The condition exists because the physical interface is down either because it is administratively disabled, faulty or a cabling fault has occurred. Ensure that the interface is administratively up. Check for a poor cable connection to the port or for a faulty cable/fiber. If neither appears to be the problem run diagnostics on the port to determine if it is faulty.		

Table 6-48 LagDown

Alarm	Attributes	Applicable major releases
Name: LagDown (20) Type: equipmentAlarm (3) Package: lag Raised on class: lag.Interface	Severity: critical Implicitly cleared: true Default probable cause: lagDown (17)	<ul style="list-style-type: none"> • 3.0.0 • 4.0.0 • 5.0.0 • 6.0.0 • 7.0.0
Description: The alarm is raised when all ports in a LAG are operationally down.		

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Alarm	Attributes	Applicable major releases
Raising condition: (('Administrative State' EQUAL 'Up') AND ('operationalState' NOT EQUAL 'Up'))		
Clearing condition: (('operationalState' EQUAL 'Up') OR ('Administrative State' NOT EQUAL 'Up'))		
Remedial action: This alarm indicates that all physical Ethernet links associated with a LAG are operationally down. The reasons for the links to be down may vary from link to link. The following possible causes of this alarm should be investigated. The physical port (near end or far end may have failed - this can be remedied by replacing the interface card in question. The physical links may have been turned down administratively - re-enable the links. A cable failure or disconnect may have occurred - please ensure that the cables are properly connected to the physical port and and that the cable has not been damaged.		

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Table 6-49 LagPortAddFailed

Alarm	Attributes	Applicable major releases
Name: LagPortAddFailed (422) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.PhysicalPort	Severity: warning Implicitly cleared: true Default probable cause: linkDown (315)	<ul style="list-style-type: none"> • 3.0.0 • 4.0.0 • 5.0.0 • 6.0.0 • 7.0.0
Description: The alarm is raised when the Lag Port Add function Fails.		
Raising condition: (('state' EQUAL 'Link Down') AND ('LAG ID' > '0'))		
Clearing condition: (('state' NOT EQUAL 'Link Down') OR ('LAG ID' EQUAL '0'))		
Remedial action: A configuration error has occurred which must be corrected. The link that was to be added to the LAG group may be of the wrong type (i.e. non ethernet) or the limit of the number of links supported in a LAG may have been reached.		

Table 6-50 LicensedLimitExceeded

Alarm	Attributes	Applicable major releases
Name: LicensedLimitExceeded (127) Type: licensingAlarm (23) Package: security Raised on class: security.ProductLicense	Severity: critical Implicitly cleared: true Default probable cause: licensedLimitExceeded (106)	<ul style="list-style-type: none"> • 3.0.0 • 4.0.0 • 5.0.0 • 6.0.0 • 7.0.0
Description: The alarm is raised when the license items in the network exceeds 100 percent of the license capacity.		
Raising condition: ('Exceeded' EQUAL 'true')		
Clearing condition: ('Exceeded' NOT EQUAL 'true')		
Remedial action: Informational - The number of SAM licenses purchased and available on the SAM server is insufficient as compared to the number of NEs/MDA/Cells under management in the network. Please contact Alcatel-Lucent Sales to purchase additional licenses.		

Table 6-51 LinkDown (equipment)

Alarm	Attributes	Applicable major releases
Name: LinkDown (12) Type: communicationsAlarm (4) Package: equipment Raised on class: equipment.Equipment	Severity: major Implicitly cleared: true Default probable cause: portLinkProblem (10)	<ul style="list-style-type: none"> • 3.0.0 • 4.0.0 • 5.0.0 • 6.0.0 • 7.0.0
Description: The alarm is raised when a port has no associated physical link or remote end point is operationally down.		
Raising condition: (('compositeEquipmentState' EQUAL 'Link Down') OR ('compositeEquipmentState' EQUAL 'Oper Down'))		
Clearing condition: (('compositeEquipmentState' NOT EQUAL 'Link Down') AND ('compositeEquipmentState' NOT EQUAL 'Oper Down'))		
Remedial action: Please make sure that port has physical link and remote end point is operationally up.		

Table 6-52 LowTemperatureDetected

Alarm	Attributes	Applicable major releases
Name: LowTemperatureDetected (1127) Type: environmentalAlarm (2) Package: equipment Raised on class: equipment.Shelf	Severity: major Implicitly cleared: true Default probable cause: equipmentOvercooled (838)	<ul style="list-style-type: none"> • 3.0.0 • 4.0.0 • 5.0.0 • 6.0.0 • 7.0.0
Description: The alarm is raised when the chassis temperature falls below the minimum threshold.		
Raising condition: ('Low Temperature State' EQUAL 'Low')		
Clearing condition: ('Low Temperature State' NOT EQUAL 'Low')		
Remedial action: The NE has detected internal temperatures which are abnormally low. This may happen when the environment that the NE is operating in may not be within specifications found in the NE user guides.		

Table 6-53 macMoveRateExceeded (service)

Alarm	Attributes	Applicable major releases
Name: macMoveRateExceeded (3690) Type: accessInterfaceAlarm (40) Package: service Raised on class: service.AccessInterface	Severity: minor Implicitly cleared: true Default probable cause: MacMoveRateExceeded (1429)	<ul style="list-style-type: none"> • 3.0.0 • 4.0.0 • 5.0.0 • 6.0.0 • 7.0.0
Description: The alarm is raised when the SAP exceeds the MAC Move Frequency of the service site.		
Raising condition: ('State Cause'anyBit'Relearn Limit Exceeded')		
Clearing condition: NOT (('State Cause'anyBit'Relearn Limit Exceeded'))		
Remedial action: Informational.		

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Table 6-54 macMoveRateExceededNonBlock (service)

Alarm	Attributes	Applicable major releases
Name: macMoveRateExceededNonBlock (4893) Type: accessInterfaceAlarm (40) Package: service Raised on class: service.AccessInterface	Severity: info Implicitly cleared: true Default probable cause: MacMoveRateExceededNonBlock (1951)	<ul style="list-style-type: none"> • 3.0.0 • 4.0.0 • 5.0.0 • 6.0.0 • 7.0.0
Description: The alarm is raised when the SAP exceeds the MAC Move Frequency of the service site when limitMacMove(sapTIsLimitMacMove) is set to 'nonBlocking'.		
Raising condition: ('State Cause'anyBit'Relearn Limit Exceeded')		
Clearing condition: NOT (('State Cause'anyBit'Relearn Limit Exceeded'))		
Remedial action: Informational - User can adjust the value of 'MAC Move Maximum Rate' to reduce the frequency of this alarm.		

Table 6-55 MepAISReceivedAlarm

Alarm	Attributes	Applicable major releases
Name: MepAISReceivedAlarm (2945) Type: oamAlarm (18) Package: ethernetOAM Raised on class: ethernetOAM.Mep	Severity: variable Implicitly cleared: true Default probable cause: missingRemoteMep (388)	<ul style="list-style-type: none"> • 3.0.0 • 4.0.0 • 5.0.0 • 6.0.0 • 7.0.0
Description: The alarm is raised when a MEP receives AIS test frames from one or more of its sub-layer MEPs.		
Raising condition: (('AIS Received (AisRx)' EQUAL 'true') AND ('Facility VLAN ID' EQUAL '0'))		
Clearing condition: ('AIS Received (AisRx)' EQUAL 'false')		
Remedial action: This alarm indicates that it has received a MEP fault from a sub-layer MEP, user should investigate the fault cause on the sub-layer MEP and resolve this root cause issue.		

Table 6-56 MobileConnectorDown

Alarm	Attributes	Applicable major releases
Name: MobileConnectorDown (1064) Type: EpcAlarm (59) Package: Iteservice Raised on class: Iteservice.MobileServiceConnector	Severity: minor Implicitly cleared: true Default probable cause: EpcDown (519)	<ul style="list-style-type: none"> • 3.0.0 • 4.0.0 • 5.0.0 • 6.0.0 • 7.0.0
Description: The alarm is raised when the 5620 SAM no longer manages the EPS path instance of this mobile service site. As a result, the service must be regenerated.		
Raising condition: ('EPS Path' EQUAL '\\"')		
Clearing condition: ('EPS Path' NOT EQUAL '\\"')		

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Alarm	Attributes	Applicable major releases
Remedial action: The underlying transport network has gone down resulting in the deletion of a mobile service connector (EPS path). Correct the issue with the transport network and regenerate the mobile service connector by clicking on the re-calculate button on the mobile service properties form.		

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Table 6-57 MvrConfiguredFromVplsNotExist

Alarm	Attributes	Applicable major releases
Name: MvrConfiguredFromVplsNotExist (219) Type: configurationAlarm (11) Package: vpls Raised on classes: <ul style="list-style-type: none"> vpls.L2AccessInterfaceMldMvrCfg vpls.L2AccessInterfaceMvrCfg 	Severity: warning Implicitly cleared: true Default probable cause: MvrConfiguredFromVplsNotExist (164)	<ul style="list-style-type: none"> 5.0.0 6.0.0 7.0.0
Description: The alarm is raised when an MVR source is an MVR VPLS that does not exist. The alarm clears when the MVR VPLS is created.		
Raising condition: ('fromVplsExists' EQUAL 'false')		
Clearing condition: (('fromVplsExists' EQUAL 'true') OR ('fromVplsId' EQUAL '0L'))		
Remedial action: Create the missing MVR VPLS.		

Table 6-58 MvrConfiguredProxySapNotExist

Alarm	Attributes	Applicable major releases
Name: MvrConfiguredProxySapNotExist (220) Type: configurationAlarm (11) Package: vpls Raised on classes: <ul style="list-style-type: none"> vpls.L2AccessInterfaceMldMvrCfg vpls.L2AccessInterfaceMvrCfg 	Severity: warning Implicitly cleared: true Default probable cause: MvrConfiguredProxySapNotExist (165)	<ul style="list-style-type: none"> 5.0.0 6.0.0 7.0.0
Description: The alarm is raised when a configured MVR proxy SAP does not exist. The alarm clears when the proxy SAP is created.		
Raising condition: ('proxySapExists' EQUAL 'false')		
Clearing condition: ('proxySapExists' EQUAL 'true')		
Remedial action: Create the missing proxy SAP.		

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Table 6-59 MvrSiteDown

Alarm	Attributes	Applicable major releases
Name: MvrSiteDown (162) Type: ProtocolAlarm (1) Package: layer2 Raised on class: layer2.MvrSite	Severity: warning Implicitly cleared: true Default probable cause: protocolDown (1)	<ul style="list-style-type: none"> • 3.0.0 • 4.0.0 • 5.0.0 • 6.0.0 • 7.0.0
Description: The alarm is raised when MVR is disabled on an NE and a TLS VLAN or MVR VLAN service is provisioned on the NE.		
Raising condition: ('MVR Admin Status' EQUAL 'Disabled')		
Clearing condition: ('MVR Admin Status' EQUAL 'Enabled')		
Remedial action: To clear the alarm, enable MVR Admin Status under the Bridge Instance.		

Table 6-60 NeManagementAndTrapManagementMismatch

Alarm	Attributes	Applicable major releases
Name: NeManagementAndTrapManagementMismatch (1079) Type: communicationsAlarm (4) Package: netw Raised on class: netw.NetworkElement	Severity: warning Implicitly cleared: true Default probable cause: neManagementChange (817)	<ul style="list-style-type: none"> • 3.0.0 • 4.0.0 • 5.0.0 • 6.0.0 • 7.0.0
Description: This user-defined alarm is raised when the NE configuration is one of the following: - The Active Management IP is set to Out Of Band, and the Primary Route Preference is set to In Band. - The Active Management IP is set to In Band, and the Primary Route Preference is set to Out of Band.		
Raising condition: (((('Active Management IP' EQUAL 'In Band') AND (('Management IP Selection' EQUAL 'In Band Preferred') OR ('Management IP Selection' EQUAL 'In Band Only'))) AND ('Primary Route Preference' EQUAL 'Out Of Band') AND ('Secondary Route Preference' EQUAL 'In Band')) OR (('Active Management IP' EQUAL 'Out Of Band') AND (('Management IP Selection' EQUAL 'Out Of Band Preferred') OR ('Management IP Selection' EQUAL 'Out Of Band Only'))) AND ('Primary Route Preference' EQUAL 'In Band') AND ('Secondary Route Preference' EQUAL 'Out Of Band'))		
Clearing condition: (((('Active Management IP' EQUAL 'In Band') AND (('Management IP Selection' EQUAL 'In Band Preferred') OR ('Management IP Selection' EQUAL 'In Band Only'))) AND ('Primary Route Preference' EQUAL 'In Band')) OR (('Active Management IP' EQUAL 'Out Of Band') AND (('Management IP Selection' EQUAL 'Out Of Band Preferred') OR ('Management IP Selection' EQUAL 'Out Of Band Only'))) AND ('Primary Route Preference' EQUAL 'Out Of Band'))		
Remedial action: A configuration error has been made which must be corrected. The parameters described in the description for this alarm must match.		

Table 6-61 NewSsh2ServerKeyDetected

Alarm	Attributes	Applicable major releases
Name: NewSsh2ServerKeyDetected (285) Type: communicationsAlarm (4) Package: security Raised on class: security.KnownHostKey	Severity: warning Implicitly cleared: true Default probable cause: ssh2ServerKeyMismatch (217)	<ul style="list-style-type: none"> • 3.0.0 • 4.0.0 • 5.0.0 • 6.0.0 • 7.0.0
Description: The alarm is raised when a 5620 SAM main server detects a new public SSH key.		
Raising condition: ('SSH2 Server Key Status' EQUAL 'Mismatch SSH2 Host Key')		
Clearing condition: ('SSH2 Server Key Status' EQUAL 'Active SSH2 Host Key')		
Remedial action: Informational - possible security breach. The SSH key of the router is different from the one known to the SAM server.		

Table 6-62 NodeDatabaseFallbackDetected

Alarm	Attributes	Applicable major releases
Name: NodeDatabaseFallbackDetected (2923) Type: communicationsAlarm (4) Package: netw Raised on class: netw.NetworkElement	Severity: major Implicitly cleared: true Default probable cause: nodeDatabaseFallback (1121)	<ul style="list-style-type: none"> • 3.0.0 • 4.0.0 • 5.0.0 • 6.0.0 • 7.0.0
Description: The alarm is raised when a configuration fallback is detected on the node and comes back up with a previous configuration. To correct this situation it might be necessary to reconfigure the node, or perform full resync its database with the 'fallback' configuration returned by the node.		
Raising condition: ('State' EQUAL 'Node Configuration Fallback')		
Clearing condition: ('State' EQUAL 'Managed')		
Remedial action: the NE has come back to a previous configuration. Perform a manual Full Resync or a Reconfigure of the NE		

Table 6-63 NodeDatabaseMisalignmentDetected

Alarm	Attributes	Applicable major releases
Name: NodeDatabaseMisalignmentDetected (2924) Type: communicationsAlarm (4) Package: netw Raised on class: netw.NetworkElement	Severity: major Implicitly cleared: true Default probable cause: nodeDatabaseMisalignment (1122)	<ul style="list-style-type: none"> • 3.0.0 • 4.0.0 • 5.0.0 • 6.0.0 • 7.0.0
Description: The alarm is raised when a configuration misalignment has been detected on the node and comes back up with an unexpected configuration (configuration change triggered by external tool) To correct this situation it might be necessary to reconfigure the node with the 5620 SAM's old configuration or accept the new configuration received from the node.		
Raising condition: ('State' EQUAL 'Node Configuration Misalignment')		

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Alarm	Attributes	Applicable major releases
Clearing condition: ('State' EQUAL 'Managed')		
Remedial action: the NE configuration is misaligned. Perform a resync in order to update SAM configuration according to the NE.		

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Table 6-64 NodeRebooted

Alarm	Attributes	Applicable major releases
Name: NodeRebooted (32) Type: equipmentAlarm (3) Package: netw Raised on class: netw.NetworkElement	Severity: warning Implicitly cleared: false Default probable cause: nodeReboot (25)	<ul style="list-style-type: none"> • 3.0.0 • 4.0.0 • 5.0.0 • 6.0.0 • 7.0.0
Description: The alarm is raised when the 5620 SAM detects an NE reboot based on the latest NE sysUpTime value.		
Remedial action: Informational - if the alarm persists please contact Alcatel-Lucent support for assistance		

Table 6-65 NodeSuspended

Alarm	Attributes	Applicable major releases
Name: NodeSuspended (5123) Type: communicationsAlarm (4) Package: netw Raised on class: netw.NetworkElement	Severity: critical Implicitly cleared: true Default probable cause: NodeSuspend (2057)	<ul style="list-style-type: none"> • 3.0.0 • 4.0.0 • 5.0.0 • 6.0.0 • 7.0.0
Description: The alarm is raised when the 5620 SAM detects an NE moved to suspend state as per user request.		
Raising condition: ('SNMP Reachability' EQUAL 'Suspended')		
Clearing condition: ('SNMP Reachability' NOT EQUAL 'Suspended')		
Remedial action: This alarm is raised when user suspends the network element. The alarm will be cleared when the network element is managed back.		

Table 6-66 NTPOperDown

Alarm	Attributes	Applicable major releases
Name: NTPOperDown (4879) Type: communicationsAlarm (4) Package: ntp Raised on class: ntp.NTP	Severity: info Implicitly cleared: true Default probable cause: NTPOperDown (1943)	<ul style="list-style-type: none"> • 5.0.0 • 6.0.0 • 7.0.0
Description: The alarm is generated when the NTP Operational State is down for NTP.		

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Alarm	Attributes	Applicable major releases
Raising condition: (('Operational State' EQUAL 'Down') AND ('NTP State' EQUAL 'Enabled'))		
Clearing condition: (('Operational State' EQUAL 'Up') OR ('NTP State' EQUAL 'Disabled'))		
Remedial action: Please check if NTP is administratively enabled (Admin State in NTP General Tab). If admin state down, enable it to make NTP operationally up.		

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Table 6-67 OrphanNodeDetected

Alarm	Attributes	Applicable major releases
Name: OrphanNodeDetected (4866) Type: discoveryControlAlarm (33) Package: netw Raised on class: netw.AdvertisedNode	Severity: major Implicitly cleared: true Default probable cause: nodeNotMangedByAnyEms (1934)	<ul style="list-style-type: none"> • 3.0.0 • 4.0.0 • 5.0.0 • 6.0.0 • 7.0.0
Description: The alarm is raised when node is node managed by any EMS after n retries(threshold crossed) it is manually cleared by the operator or when the node is discovered.		
Raising condition: ('State' EQUAL 'Orphan')		
Remedial action: The NE is not managed by any SAM.Add an discovery rule in order to managed it.		

Table 6-68 OverTemperatureDetected

Alarm	Attributes	Applicable major releases
Name: OverTemperatureDetected (388) Type: environmentalAlarm (2) Package: equipment Raised on class: equipment.Shelf	Severity: major Implicitly cleared: true Default probable cause: equipmentOverheated (5)	<ul style="list-style-type: none"> • 3.0.0 • 4.0.0 • 5.0.0 • 6.0.0 • 7.0.0
Description: The alarm is raised when the chassis temperature exceeds the maximum threshold value.		
Raising condition: ('Over Temperature State' EQUAL 'Over')		
Clearing condition: ('Over Temperature State' NOT EQUAL 'Over')		
Remedial action: The NE has detected internal temperatures which are abnormally high. This could be caused by a failed fan unit or one or more dirty fan filters. Replacing the failed unit or filters should resolve the problem. Alternately the environment that the NE is operating in may not be within specifications found in the NE user guides.		

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Table 6-69 PartialResyncProblem

Alarm	Attributes	Applicable major releases
Name: PartialResyncProblem (4401) Type: communicationsAlarm (4) Package: netw Raised on class: netw.NetworkElement	Severity: warning Implicitly cleared: true Default probable cause: partialResyncProblem (1578)	<ul style="list-style-type: none"> • 3.0.0 • 4.0.0 • 5.0.0 • 6.0.0 • 7.0.0
Description: The alarm is raised when a partial resync on an NE fails. For example, when resyncing only some MIB entries as opposed to a full resync. The periodic reachability test (sysUpTime) is not considered a partial resync, neither is a full resync. However, a PartialResyncProblem alarm can only be reset by a FullResync.		
Raising condition: ('partialResyncStatus' EQUAL 'Partial Resync Failed')		
Clearing condition: ('partialResyncStatus' EQUAL 'Partial Resync Done')		
Remedial action: Informational - if the alarm persists or is occurring frequently then investigation is required to understand a) why the underlying transport network is unreliable or b) why the NE is too busy to respond to 5620 SAM or c) has SNMP been disabled on the NE.		

Table 6-70 PersistentIndexParametersMisconfigured

Alarm	Attributes	Applicable major releases
Name: PersistentIndexParametersMisconfigured (173) Type: configurationAlarm (11) Package: netw Raised on class: netw.NetworkElement	Severity: major Implicitly cleared: true Default probable cause: persistentIndexConfigurationMismatch (136)	<ul style="list-style-type: none"> • 3.0.0 • 4.0.0 • 5.0.0 • 6.0.0 • 7.0.0
Description: The alarm is raised when persistence is set to Off in the NE BOF.		
Raising condition: (('Persistent SNMP Indices' EQUAL 'False') OR (('hasRedundantProcessorCards' EQUAL 'true') AND ('Redundant Synchronization Mode' EQUAL 'None')))		
Clearing condition: (('Persistent SNMP Indices' EQUAL 'True') AND (('hasRedundantProcessorCards' EQUAL 'false') OR ('Redundant Synchronization Mode' NOT EQUAL 'None')))		
Remedial action: A configuration error has occurred that must be corrected. Use the CLI on the NE to enable persistency in the BOF. The discovery process will complete on the next discovery scan. A re-scan can be triggered immediately for the NE from within the discovery manager		

Table 6-71 PollerProblem

Alarm	Attributes	Applicable major releases
Name: PollerProblem (31) Type: communicationsAlarm (4) Package: netw Raised on class: netw.NetworkElement	Severity: warning Implicitly cleared: true Default probable cause: resyncFailed (24)	<ul style="list-style-type: none"> • 3.0.0 • 4.0.0 • 5.0.0 • 6.0.0 • 7.0.0

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Alarm	Attributes	Applicable major releases
Description: The alarm is raised when the 5620 SAM is unable to poll a network object, for example, because of intermittent or no IP connectivity to an NE, incorrect SNMP security parameters, or disabled SNMP on the NE.		
Raising condition: ('Resync Status' EQUAL 'Full Resync Failed')		
Clearing condition: ('Resync Status' EQUAL 'Full Resync Done')		
Remedial action: Informational - if the alarm persists or is occurring frequently then investigation is required to understand a) why the underlying transport network is unreliable or b) why the NE is too busy to respond to 5620 SAM or c) has SNMP been disabled on the NE. Once the issue has been resolved SAM will automatically re-attempt.		

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Table 6-72 PortEtherSymMonSDAlarm

Alarm	Attributes	Applicable major releases
Name: PortEtherSymMonSDAlarm (5662) Type: communicationsAlarm (4) Package: ethernetequipment Raised on class: ethernetequipment.EthernetPortSpecifics	Severity: major Implicitly cleared: true Default probable cause: etherPortSymMonSDThresholdExceededAlarm (2439)	<ul style="list-style-type: none"> • 3.0.0 • 4.0.0 • 5.0.0 • 6.0.0 • 7.0.0
Description: The alarm is raised when an Ethernet port Symbol Monitor Failure alarm condition is detected (Signal Degradation Threshold exceeded).		
Raising condition: ('Symbol Alarm Reason' EQUAL 'SD Threshold Exceeded')		
Clearing condition: ('Symbol Alarm Reason' NOT EQUAL 'SD Threshold Exceeded')		
Remedial action: Symbol monitor signal degradation alarm could be cleared by changing/disabling the associated threshold/multiplier values or it is self clearing and will clear once the error rate drops below 1/10th of the configured rate.		

Table 6-73 PortEtherSymMonSFAlarm

Alarm	Attributes	Applicable major releases
Name: PortEtherSymMonSFAlarm (5663) Type: communicationsAlarm (4) Package: ethernetequipment Raised on class: ethernetequipment.EthernetPortSpecifics	Severity: major Implicitly cleared: true Default probable cause: etherPortSymMonSFThresholdExceededAlarm (2440)	<ul style="list-style-type: none"> • 3.0.0 • 4.0.0 • 5.0.0 • 6.0.0 • 7.0.0
Description: The alarm is raised when an Ethernet port Symbol Monitor Failure alarm condition is detected (Signal Failure Threshold exceeded).		
Raising condition: ('Symbol Alarm Reason' EQUAL 'SF Threshold Exceeded')		
Clearing condition: ('Symbol Alarm Reason' NOT EQUAL 'SF Threshold Exceeded')		
Remedial action: Symbol monitor signal failure alarm could be cleared by changing/disabling the associated threshold/multiplier values or by taking the port out of service (eg. shutdown, card/mda reset, physical link loss).		

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Table 6-74 PowerSupplyFailure

Alarm	Attributes	Applicable major releases
Name: PowerSupplyFailure (633) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.PowerSupplyTray	Severity: critical Implicitly cleared: true Default probable cause: powerSupplyFailure (117)	<ul style="list-style-type: none"> • 3.0.0 • 4.0.0 • 5.0.0 • 6.0.0 • 7.0.0
Description: The alarm is raised when a power-supply tray reports a failure. When the alarm is raised during device discovery, a power-supply tray may be out of service. When the alarm is raised while the device is in the managed state, a power-supply tray may be out of service or the AC power shelf has a fault condition. The alarm clears when the status changes to OK.		
Raising condition: (('Power Supply 1 Status' EQUAL 'Not Equipped') OR ('Power Supply 1 Status' EQUAL 'Failed'))		
Clearing condition: (('Power Supply 1 Status' EQUAL 'OK'))		
Remedial action: Ensure that the NE is properly connected to power. If the problem persists please contact Alcatel-Lucent support for assistance.		

Table 6-75 PowerSupplyInputFeedDown

Alarm	Attributes	Applicable major releases
Name: PowerSupplyInputFeedDown (5422) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.PowerSupplyTray	Severity: minor Implicitly cleared: true Default probable cause: powerSupplyInputFeedDown (2073)	<ul style="list-style-type: none"> • 3.0.0 • 4.0.0 • 5.0.0 • 6.0.0 • 7.0.0
Description: This alarm is generated if any one of the input feeds for a given power supply is not supplying power.		
Raising condition: (('inputFeedStatus' EQUAL 'Input A Down') OR ('inputFeedStatus' EQUAL 'Input B Down') OR (('inputFeedStatus'allBits'Input A Down') AND ('inputFeedStatus'allBits'Input B Down'))		
Clearing condition: ('inputFeedStatus' EQUAL 'None')		
Remedial action: Restore all of the input feeds that are not supplying power.		

Table 6-76 PowerSupplyRemoved

Alarm	Attributes	Applicable major releases
Name: PowerSupplyRemoved (542) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.PowerSupplyTray	Severity: major Implicitly cleared: true Default probable cause: PowerSupplyRemoved (415)	<ul style="list-style-type: none"> • 3.0.0 • 4.0.0 • 5.0.0 • 6.0.0 • 7.0.0
Description: The alarm is raised when a chassis power supply is removed.		
Raising condition: ('Power Supply 1 Status' EQUAL 'Not Equipped')		
Clearing condition: ('Power Supply 1 Status' NOT EQUAL 'Not Equipped')		

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Alarm	Attributes	Applicable major releases
Remedial action: To recover from this event, the customer is requested to add a new power supply to the system, or change a faulty power supply with a working one.		

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Table 6-77 PppLoopbackDetected

Alarm	Attributes	Applicable major releases
Name: PppLoopbackDetected (362) Type: configurationAlarm (11) Package: ppp Raised on class: ppp.Interface	Severity: major Implicitly cleared: true Default probable cause: PppLoopbackDetected (259)	<ul style="list-style-type: none"> • 3.0.0 • 4.0.0 • 5.0.0 • 6.0.0 • 7.0.0
Description: The alarm is raised when the value of tmnxPppLocalMagicNumber is the same as the value of tmnxPppRemoteMagicNumber, which indicates that the link may be looped back.		
Raising condition: (('Local Magic Number' EQUAL 'Remote Magic Number') AND ('Local Magic Number' NOT EQUAL '0L'))		
Clearing condition: (('Local Magic Number' NOT EQUAL 'Remote Magic Number') OR ('Local Magic Number' EQUAL '0L'))		
Remedial action: Informational.		

Table 6-78 PrimaryImageBootFailure

Alarm	Attributes	Applicable major releases
Name: PrimaryImageBootFailure (191) Type: configurationAlarm (11) Package: sw Raised on class: sw.CardSoftware	Severity: warning Implicitly cleared: true Default probable cause: bootOptionFileMisconfigured (150)	<ul style="list-style-type: none"> • 3.0.0 • 4.0.0 • 5.0.0 • 6.0.0 • 7.0.0
Description: The alarm is raised when the primary software image specified in an NE BOF is unusable.		
Raising condition: (('imageSource' NOT EQUAL 'Primary') AND ('imageSource' NOT EQUAL 'Unknown'))		
Clearing condition: (('imageSource' EQUAL 'Primary') OR ('imageSource' EQUAL 'Unknown'))		
Remedial action: The SW image on the NE may have been inadvertently corrupted. Download a new copy of the SW image to the NE. If the problem persists contact Alcatel-Lucent support for assistance.		

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Table 6-79 PrimaryPathLimitReached

Alarm	Attributes	Applicable major releases
Name: PrimaryPathLimitReached (457) Type: resourceAlarm (28) Package: equipment Raised on class: equipment.DaughterCard	Severity: warning Implicitly cleared: true Default probable cause: resourceLimitReached (131)	<ul style="list-style-type: none"> • 3.0.0 • 4.0.0 • 5.0.0 • 6.0.0 • 7.0.0
Description: The alarm is raised when the Ingress Multicast Path Management primary path bandwidth limit is reached.		
Raising condition: (('Primary Path Limit Override' > '0') AND ('Primary Path In use' >= (1000 * 'Primary Path Limit Override'))"		
Clearing condition: (('Primary Path Limit Override' > '0') AND ('Primary Path In use' < (1000 * 'Primary Path Limit Override'))"		
Remedial action: Informational - The alarm is raised when the Ingress Multicast Path Management primary path bandwidth limit is reached. This can be remedied by modifying the primary path limit located at T1 Paths tab of the multicast bandwidth policy which assigned to the card, or increase the primary path limit override located at the Daughter Card tab under Daughter Card Slot form.		

Table 6-80 PTPNotQualified

Alarm	Attributes	Applicable major releases
Name: PTPNotQualified (3611) Type: communicationsAlarm (4) Package: sonet Raised on class: sonet.SiteSync	Severity: minor Implicitly cleared: true Default probable cause: PTPNotQualified (1400)	<ul style="list-style-type: none"> • 3.0.0 • 4.0.0 • 5.0.0 • 6.0.0 • 7.0.0
Description: The alarm is raised when PTP on an NE is not in the Qualified state.		
Raising condition: (('Qualified For Use' EQUAL 'Not Qualified'))		
Clearing condition: (('Qualified For Use' NOT EQUAL 'Not Qualified'))		
Remedial action: Check the communication path is up between the local PTP slave clock and its selected master		

Table 6-81 PTPPeerLossOfAnnounce

Alarm	Attributes	Applicable major releases
Name: PTPPeerLossOfAnnounce (3608) Type: communicationsAlarm (4) Package: ptp Raised on class: ptp.IEEEPTPPeer	Severity: minor Implicitly cleared: true Default probable cause: PTPPeerLossOfAnnounce (1397)	<ul style="list-style-type: none"> • 5.0.0 • 6.0.0 • 7.0.0
Description: The alarm is raised when the PTP peer is in the 'Packet Timing Signal Fail (Loss Announce)' state. This indicates that the PTP announce messages are not received from the remote master.		
Raising condition: (('Master GM Alarms'anyBit'Loss of Announce'))		
Clearing condition: NOT (('Master GM Alarms'anyBit'Loss of Announce'))		

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Alarm	Attributes	Applicable major releases
Remedial action: Please check if Configured Peer IP address is reachable (ping <Peer Ip>) from the this SR node and PTP configuration is proper.		

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Table 6-82 PTPPeerLossOfSync

Alarm	Attributes	Applicable major releases
Name: PTPPeerLossOfSync (3609) Type: communicationsAlarm (4) Package: ptp Raised on class: ptp.IEEEPTPPeer	Severity: minor Implicitly cleared: true Default probable cause: PTPPeerLossOfSync (1398)	<ul style="list-style-type: none"> • 5.0.0 • 6.0.0 • 7.0.0
Description: The alarm is raised when the PTP peer is in the 'Packet Timing Signal Fail (Loss Sync)' state. This indicates that the PTP timing messages are not received from the remote master.		
Raising condition: (('Master GM Alarms'anyBit'Loss of Sync'))		
Clearing condition: NOT (('Master GM Alarms'anyBit'Loss of Sync'))		
Remedial action: Please check if Configured Peer IP address is reachable (ping <Peer Ip>) from the this SR node and PTP configuration is proper.		

Table 6-83 PTPReferenceLossOfSignal

Alarm	Attributes	Applicable major releases
Name: PTPReferenceLossOfSignal (3613) Type: communicationsAlarm (4) Package: sonet Raised on class: sonet.SiteSync	Severity: minor Implicitly cleared: true Default probable cause: PTPReferenceLossOfSignal (1402)	<ul style="list-style-type: none"> • 3.0.0 • 4.0.0 • 5.0.0 • 6.0.0 • 7.0.0
Description: The alarm is raised when the PTP reference on an NE is not qualified due to Loss of Signal.		
Raising condition: (('Not Qualified Due To'anyBit'LOS'))		
Clearing condition: NOT (('Not Qualified Due To'anyBit'LOS'))		
Remedial action: Check the communication path is up between the local PTP slave clock and its selected master		

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Table 6-84 PTPReferenceOutOfFrequency

Alarm	Attributes	Applicable major releases
Name: PTPReferenceOutOfFrequency (3614) Type: communicationsAlarm (4) Package: sonet Raised on class: sonet.SiteSync	Severity: minor Implicitly cleared: true Default probable cause: PTPReferenceOutOfFrequency (1403)	<ul style="list-style-type: none"> • 3.0.0 • 4.0.0 • 5.0.0 • 6.0.0 • 7.0.0
Description: The alarm is raised when the PTP Reference on an NE is not qualified due to Out of frequency.		
Raising condition: (('Not Qualified Due To'anyBit'OOFF'))		
Clearing condition: NOT (('Not Qualified Due To'anyBit'OOFF'))		
Remedial action: Make sure that frequency configured for Reference One is correct.		

Table 6-85 PTPReferenceOutOfPollInRange

Alarm	Attributes	Applicable major releases
Name: PTPReferenceOutOfPollInRange (3615) Type: communicationsAlarm (4) Package: sonet Raised on class: sonet.SiteSync	Severity: minor Implicitly cleared: true Default probable cause: PTPReferenceOutOfPollInRange (1404)	<ul style="list-style-type: none"> • 3.0.0 • 4.0.0 • 5.0.0 • 6.0.0 • 7.0.0
Description: The alarm is raised when the PTP Reference on an NE is not qualified state due to Out of poll in range.		
Raising condition: (('Not Qualified Due To'anyBit'OOPIR'))		
Clearing condition: NOT (('Not Qualified Due To'anyBit'OOPIR'))		
Remedial action: If there is packet flow, the PTP slave clock is in it's initial acquiring states where the sync-if-timing reference does not qualify just wait.		

Table 6-86 RadiusOperStatusDown

Alarm	Attributes	Applicable major releases
Name: RadiusOperStatusDown (3692) Type: radiusOperStatusDownAlarm (105) Package: netw Raised on class: netw.NetworkElement	Severity: critical Implicitly cleared: true Default probable cause: radiusOperationStatusDown (1431)	<ul style="list-style-type: none"> • 3.0.0 • 4.0.0 • 5.0.0 • 6.0.0 • 7.0.0
Description: The alarm is raised when all RADIUS servers have gone down.		
Raising condition: ('Global RADIUS Operational State' EQUAL 'Down')		
Clearing condition: ('Global RADIUS Operational State' EQUAL 'Up')		
Remedial action: Verify the RADIUS server is properly configured and radius server state is up. Check the connectivity between SAM server and radius server configured on the Network element.		

Table 6-87 ReachabilityProblem

Alarm	Attributes	Applicable major releases
Name: ReachabilityProblem (243) Type: communicationsAlarm (4) Package: netw Raised on class: netw.NetworkElement	Severity: major Implicitly cleared: true Default probable cause: ReachabilityTestFailed (176)	<ul style="list-style-type: none"> • 3.0.0 • 4.0.0 • 5.0.0 • 6.0.0 • 7.0.0
Description: The alarm is raised when a mediation poll of the SysUpTimeAlarm object on an NE fails, for example, because of network congestion or because the NE is too busy to respond. The probable cause is an unreachable NE Mediation agent on the NE. The polling interval depends on the NE type and is configurable in nms-server.xml. By default, the 5620 SAM polls a managed NE every four minutes. If a poll fails, the alarm is raised. The alarm clears when the 5620 SAM receives a response from the NE, and the 5620 SAM GUI icon that represents the NE turns from red to green.		
Raising condition: ('SNMP Reachability' EQUAL 'Down')		
Remedial action: Informational - if the alarm persists or is occurring frequently then investigation is required to understand a) why the underlying transport network is unreliable or b) why the NE is too busy to respond to 5620 SAM or c) has SNMP been disabled on the NE. Once the issue has been resolved SAM will automatically re-attempt.		

Table 6-88 ReconfigFailure

Alarm	Attributes	Applicable major releases
Name: ReconfigFailure (1949) Type: communicationsAlarm (4) Package: netw Raised on class: netw.NetworkElement	Severity: critical Implicitly cleared: true Default probable cause: failedReconfig (937)	<ul style="list-style-type: none"> • 3.0.0 • 4.0.0 • 5.0.0 • 6.0.0 • 7.0.0
Description: This alarm is raised when the reconfig action failed.		
Raising condition: ('State' EQUAL 'Failed')		
Clearing condition: ('State' NOT EQUAL 'Failed')		
Remedial action: Verify that the object is configured as expected.		

Table 6-89 RedundantMepMisconfiguration

Alarm	Attributes	Applicable major releases
Name: RedundantMepMisconfiguration (3631) Type: oamAlarm (18) Package: ethernetoam Raised on class: ethernetoam.Mep	Severity: minor Implicitly cleared: true Default probable cause: misconfiguredRedundantMep (1416)	<ul style="list-style-type: none"> • 3.0.0 • 4.0.0 • 5.0.0 • 6.0.0 • 7.0.0
Description: The alarm is raised when an Active and Redundant MEP do not have the same ID, Operational MAC Address or Sub Group configured.		
Raising condition: ('validRedundantMepConfig' EQUAL 'false')		

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Alarm	Attributes	Applicable major releases
Clearing condition: ('validRedundantMepConfig' EQUAL 'true')		
Remedial action: MC-LAG redundant MEP configuration (MEP ID or Mac Address) for Active & Standby Interfaces do not match, this could cause issues with CFM or CCM tests if Active interface changes. Delete and Re-create Standby MEP to match Active.		

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Table 6-90 RedundantMepMissing

Alarm	Attributes	Applicable major releases
Name: RedundantMepMissing (3632) Type: oamAlarm (18) Package: ethernetToam Raised on class: ethernetToam.Mep	Severity: minor Implicitly cleared: true Default probable cause: missingRedundantMep (1417)	<ul style="list-style-type: none"> • 3.0.0 • 4.0.0 • 5.0.0 • 6.0.0 • 7.0.0
Description: The alarm is raised when a MEP misses a redundant counterpart on LAG or SAP.		
Raising condition: (('MC-LAG Inactive' NOT EQUAL 'Not Applicable') AND ('Redundant MEP' EQUAL '\'))		
Clearing condition: (('MC-LAG Inactive' EQUAL 'Not Applicable') OR (('MC-LAG Inactive' NOT EQUAL 'Not Applicable') AND ('Redundant MEP' NOT EQUAL '\')))		
Remedial action: MC-LAG redundant MEP is missing Active & Standby Interfaces, this will cause issues with CFM or CCM tests if Active interface changes. Create missing Active/Standby MEP to match existing.		

Table 6-91 RemoteMepCCMAAlarm

Alarm	Attributes	Applicable major releases
Name: RemoteMepCCMAAlarm (502) Type: oamAlarm (18) Package: ethernetToam Raised on class: ethernetToam.Mep	Severity: major Implicitly cleared: true Default probable cause: missingRemoteMep (388)	<ul style="list-style-type: none"> • 3.0.0 • 4.0.0 • 5.0.0 • 6.0.0 • 7.0.0
Description: The alarm is raised when a MEP loses connectivity with one or more remote MEPs. The Remote MEP DB State tab on a MEP lists the missing remote MEPs.		
Raising condition: ('High-Priority Defect' NOT EQUAL '0')		
Clearing condition: ('High-Priority Defect' EQUAL '0')		
Remedial action: MEP has lost communication with Remote MEP defined in Maintenance Association (MEG) Remote MEP list, Either Remote MEP list is incorrect or diagnose connection fault and resolve.		

Table 6-92 SaveConfigFailed

Alarm	Attributes	Applicable major releases
Name: SaveConfigFailed (105) Type: configurationAlarm (11) Package: sw Raised on class: sw.BackupRestoreManager	Severity: major Implicitly cleared: true Default probable cause: fileAccessError (90)	<ul style="list-style-type: none"> • 3.0.0 • 4.0.0 • 5.0.0 • 6.0.0 • 7.0.0
Description: The alarm is raised when the admin save command on an NE fails.		
Raising condition: ('Config Save State' EQUAL 'Failure')		
Clearing condition: ('Config Save State' EQUAL 'Success')		
Remedial action: Attempt the admin save command a second time. If the problem persists please contact Alcatel-Lucent support for assistance.		

Table 6-93 ScheduledPollerProblem

Alarm	Attributes	Applicable major releases
Name: ScheduledPollerProblem (4386) Type: communicationsAlarm (4) Package: netw Raised on class: netw.NetworkElement	Severity: warning Implicitly cleared: true Default probable cause: scheduledResyncFailed (1569)	<ul style="list-style-type: none"> • 3.0.0 • 4.0.0 • 5.0.0 • 6.0.0 • 7.0.0
Description: The alarm is raised when the 5620 SAM is unable to poll a network object, for example, because of intermittent or no IP connectivity to an NE, incorrect SNMP security parameters, or disabled SNMP on the NE.		
Raising condition: ('Scheduled Resync Status' EQUAL 'Scheduled Resync Failed')		
Clearing condition: ('Scheduled Resync Status' EQUAL 'Scheduled Resync Done')		
Remedial action: Informational - if the alarm persists or is occurring frequently then investigation is required to understand a) why the underlying transport network is unreliable or b) why the NE is too busy to respond to 5620 SAM or c) has SNMP been disabled on the NE. Once the issue has been resolved SAM will automatically re-attempt.		

Table 6-94 SecondaryPathLimitReached

Alarm	Attributes	Applicable major releases
Name: SecondaryPathLimitReached (458) Type: resourceAlarm (28) Package: equipment Raised on class: equipment.DaughterCard	Severity: warning Implicitly cleared: true Default probable cause: resourceLimitReached (131)	<ul style="list-style-type: none"> • 3.0.0 • 4.0.0 • 5.0.0 • 6.0.0 • 7.0.0
Description: The alarm is raised when the Ingress Multicast Path Management secondary path bandwidth limit is reached.		
Raising condition: (('Secondary Path Limit Override' > '0') AND ('Secondary Path In use' >= (1000 * 'Secondary Path Limit Override'))"		
Clearing condition: (('Secondary Path Limit Override' > '0') AND ('Secondary Path In use' < (1000 * 'Secondary Path Limit Override'))"		

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Alarm	Attributes	Applicable major releases
Remedial action: Informational - The alarm is raised when the Ingress Multicast Path Management secondary path bandwidth limit is reached. This can be remedied by modifying the secondary path limit located at T1 Paths tab of the multicast bandwidth policy which assigned to the card, or increase the secondary path limit override located at the Daughter Card tab under Daughter Card Slot form.		

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Table 6-95 ServiceSiteDown

Alarm	Attributes	Applicable major releases
Name: ServiceSiteDown (97) Type: serviceAlarm (16) Package: service Raised on class: service.Site	Severity: critical Implicitly cleared: true Default probable cause: siteDown (83)	<ul style="list-style-type: none"> • 3.0.0 • 4.0.0 • 5.0.0 • 6.0.0 • 7.0.0
Description: The alarm is raised when all SAPs on a site are operationally down, or when the service tunnels for the site are operationally down.		
Raising condition: (('Operational State' NOT EQUAL 'Up') AND ('State Cause' NOT EQUAL 'All Spoke SDP Bindings are Standby'))		
Clearing condition: (('Operational State' EQUAL 'Up') OR ('State Cause' EQUAL 'All Spoke SDP Bindings are Standby'))		
Remedial action: The network resources (i.e. physical ports for SAPs, or physical ports/LSP) associated with the service site should be examined to determine if/why they are operationally down. The underlying transport network supporting the site may also be unreliable.		

Table 6-96 StatsRetrieveFailed

Alarm	Attributes	Applicable major releases
Name: StatsRetrieveFailed (244) Type: configurationAlarm (11) Package: sw Raised on class: sw.AccountingStatsRetrievalManager	Severity: major Implicitly cleared: false Default probable cause: fileTransferFailure (89)	<ul style="list-style-type: none"> • 3.0.0 • 4.0.0 • 5.0.0 • 6.0.0 • 7.0.0
Description: The alarm is raised when the 5620 SAM main or auxiliary server cannot transfer an accounting file from an NE.		
Raising condition: (('Stats Retrieval State' NOT EQUAL 'Success') AND ('Stats Retrieval State' NOT EQUAL 'Not Attempted'))		
Remedial action: Informational - if the alarm persists or is occurring frequently then investigation is required to understand a) why the underlying transport network is unreliable or b) why the NE is too busy or otherwise cannot respond to the 5620 SAM main or auxiliary server.		

Table 6-97 StpExceptionCondition

Alarm	Attributes	Applicable major releases
Name: StpExceptionCondition (297) Type: AccessInterfaceAlarm (32) Package: I2fwd Raised on class: I2fwd.AccessInterfaceStp	Severity: major Implicitly cleared: true Default probable cause: StpException (228)	<ul style="list-style-type: none"> • 3.0.0 • 4.0.0 • 5.0.0 • 6.0.0 • 7.0.0
Description: The alarm is raised when a SAP detects an STP exception condition, for example, one-way communication or a downstream loop. The alarm clears when the STP condition changes.		
Raising condition: (('STP Exception Condition' NOT EQUAL 'None') AND ('Administrative State' EQUAL 'Up'))		
Clearing condition: (('STP Exception Condition' EQUAL 'None') OR ('Administrative State' EQUAL 'Down'))		
Remedial action: Check 'STP Exception Condition' field for more details and fix the STP exception.		

Table 6-98 StpRootGuardViolation

Alarm	Attributes	Applicable major releases
Name: StpRootGuardViolation (503) Type: AccessInterfaceAlarm (32) Package: I2fwd Raised on class: I2fwd.AccessInterfaceStp	Severity: warning Implicitly cleared: true Default probable cause: spanningTreeTopologyChanged (331)	<ul style="list-style-type: none"> • 3.0.0 • 4.0.0 • 5.0.0 • 6.0.0 • 7.0.0
Description: The alarm is raised when a SAP detects an STP root guard violation.		
Raising condition: ('Root Guard Violation' EQUAL 'true')		
Clearing condition: ('Root Guard Violation' NOT EQUAL 'true')		
Remedial action: Set 'Root Guard' to false if not necessary.		

Table 6-99 SubscriberSystemNextHopUsageHigh

Alarm	Attributes	Applicable major releases
Name: SubscriberSystemNextHopUsageHigh (5157) Type: thresholdCrossed (6) Package: netw Raised on class: netw.NetworkElement	Severity: minor Implicitly cleared: true Default probable cause: resourceFull (53)	<ul style="list-style-type: none"> • 3.0.0 • 4.0.0 • 5.0.0 • 6.0.0 • 7.0.0
Description: The alarm is raised when the IP next-hop usage by subscriber managed routes reaches its high watermark, cleared when it reaches its low watermark again; the watermarks are derived from the limit specified with the property subSysNextHopLimit.		
Raising condition: ('IP Next Hop Usage High' EQUAL 'true')		
Clearing condition: ('IP Next Hop Usage High' EQUAL 'false')		

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Alarm	Attributes	Applicable major releases
Remedial action: The alarm is raised when the IP next-hop usage by subscriber managed routes reaches its high watermark, cleared when it reaches its low watermark again; the watermarks are derived from the limit specified with the property subSysNextHopLimit. There is no immediate effect, but when the usage actually hits the limit, new hosts will not get their managed routes.		

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Table 6-100 SubSysChassMemoryUsageHi

Alarm	Attributes	Applicable major releases
Name: SubSysChassMemoryUsageHi (5656) Type: thresholdCrossed (6) Package: equipment Raised on class: equipment.Shelf	Severity: minor Implicitly cleared: true Default probable cause: resourceFull (53)	<ul style="list-style-type: none"> • 3.0.0 • 4.0.0 • 5.0.0 • 6.0.0 • 7.0.0
Description: This alarm is raised when the memory usage by subscriber management on this system or chassis reaches its high watermark ('true').		
Raising condition: ('Memory Usage High' EQUAL 'True')		
Clearing condition: (('Memory Usage High' EQUAL 'False') OR ('Memory Usage High' EQUAL 'unspecified'))		
Remedial action: The memory usage by subscriber management on this system has reached its high watermark. Please check your memory usage.		

Table 6-101 TemperatureThresholdCrossed

Alarm	Attributes	Applicable major releases
Name: TemperatureThresholdCrossed (7) Type: environmentalAlarm (2) Package: equipment Raised on class: equipment.Environment	Severity: major Implicitly cleared: true Default probable cause: equipmentOverheated (5)	<ul style="list-style-type: none"> • 3.0.0 • 4.0.0 • 5.0.0 • 6.0.0 • 7.0.0
Description: The alarm is raised when a temperature crosses a threshold.		
Raising condition: ('temperatureThresholdCrossed' EQUAL 'true')		
Clearing condition: ('temperatureThresholdCrossed' EQUAL 'false')		
Remedial action: The NE has detected internal temperatures which are abnormally high. This could be caused by a failed fan unit or one or more dirty fan filters. Replacing the failed unit or filters should resolve the problem. Alternately the environment that the NE is operating in may not be within specifications found in the NE user guides.		

Table 6-102 TmxEqPortEtherLoopDetected

Alarm	Attributes	Applicable major releases
Name: TmxEqPortEtherLoopDetected (461) Type: portEtherLoopDetected (48) Package: ethernetequipment Raised on class: ethernetequipment.EthernetPortSpecifics	Severity: major Implicitly cleared: true Default probable cause: HighBer (238)	<ul style="list-style-type: none"> • 3.0.0 • 4.0.0 • 5.0.0 • 6.0.0 • 7.0.0
Description: The alarm is raised when a device detects a physical loop on an Ethernet port.		
Raising condition: (('Down When Looped Status' EQUAL 'Loop Detected'))		
Clearing condition: (('Down When Looped Status' EQUAL 'No Loop Detected'))		
Remedial action: An Ethernet port has been mis-cabled - please remove the loopback cable on the port.		

Table 6-103 TrapDestinationMisconfigured

Alarm	Attributes	Applicable major releases
Name: TrapDestinationMisconfigured (33) Type: configurationAlarm (11) Package: netw Raised on class: netw.NetworkElement	Severity: major Implicitly cleared: true Default probable cause: trapDestinationMisconfigured (26) Applicable probable causes: <ul style="list-style-type: none"> • trapDestinationMisconfigured • duplicateTrapLogId 	<ul style="list-style-type: none"> • 3.0.0 • 4.0.0 • 5.0.0 • 6.0.0 • 7.0.0
Description: The alarm is raised when the 5620 SAM cannot be added to the NE's SNMP trap destinations.		
Raising condition: ('isTrapDestinationMisconfigured' EQUAL 'true')		
Clearing condition: ('isTrapDestinationMisconfigured' EQUAL 'false')		
Remedial action: A configuration error has been made which must be corrected. The SNMP trap destination on the NE must be configured to the IP address of the SAM server.		

Table 6-104 TrapReceivingFailure

Alarm	Attributes	Applicable major releases
Name: TrapReceivingFailure (1083) Type: communications (87) Package: netw Raised on class: netw.NetworkElement	Severity: major Implicitly cleared: false Default probable cause: trapsWillNotBeSent (822)	<ul style="list-style-type: none"> • 3.0.0 • 4.0.0 • 5.0.0 • 6.0.0 • 7.0.0
Description: This user-defined alarm is raised when the NE is unable to send traps because the NE configuration is one of the following: - The Management IP Selection is set to Out Of Band Only, the Primary Route Preference is set to In Band, and the Secondary Route Preference is set to None. - The Management IP Selection is set to In Band Only, the Primary Route Preference is set to Out Of Band, and the Secondary Route Preference is set to None.		

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Alarm	Attributes	Applicable major releases
Raising condition: (((('Active Management IP' EQUAL 'In Band') AND ('Management IP Selection' EQUAL 'In Band Only') AND ('Primary Route Preference' EQUAL 'Out Of Band') AND ('Secondary Route Preference' EQUAL 'None')) OR (('Active Management IP' EQUAL 'Out Of Band') AND ('Management IP Selection' EQUAL 'Out Of Band Only') AND ('Primary Route Preference' EQUAL 'In Band') AND ('Secondary Route Preference' EQUAL 'None')) OR (('Active Management IP' EQUAL 'Out Of Band') AND ('Management IP Selection' EQUAL 'In Band Preferred') AND ('Primary Route Preference' EQUAL 'In Band') AND ('Secondary Route Preference' EQUAL 'None')) OR (('Active Management IP' EQUAL 'In Band') AND ('Management IP Selection' EQUAL 'Out Of Band Preferred') AND ('Primary Route Preference' EQUAL 'Out Of Band') AND ('Secondary Route Preference' EQUAL 'None'))))		
Clearing condition: (((('Active Management IP' EQUAL 'In Band') AND ('Management IP Selection' EQUAL 'In Band Only') AND (('Primary Route Preference' EQUAL 'In Band') OR ('Secondary Route Preference' EQUAL 'In Band')) OR (('Active Management IP' EQUAL 'Out Of Band') AND ('Management IP Selection' EQUAL 'Out Of Band Only') AND (('Primary Route Preference' EQUAL 'Out Of Band') OR ('Secondary Route Preference' EQUAL 'Out Of Band')) OR (('Active Management IP' EQUAL 'Out Of Band') AND ('Management IP Selection' EQUAL 'In Band Preferred') AND ('Primary Route Preference' EQUAL 'In Band') OR ('Secondary Route Preference' EQUAL 'In Band')) OR (('Active Management IP' EQUAL 'In Band') AND ('Management IP Selection' EQUAL 'Out Of Band Preferred') AND (('Primary Route Preference' EQUAL 'In Band') OR ('Secondary Route Preference' EQUAL 'In Band')) OR (('Active Management IP' EQUAL 'Out Of Band') AND ('Management IP Selection' EQUAL 'Out Of Band Preferred') AND (('Primary Route Preference' EQUAL 'Out Of Band') OR ('Secondary Route Preference' EQUAL 'Out Of Band'))))		
Remedial action: A configuration error has been made which must be corrected. The configuration error must be corrected per the discussion in the description for this alarm.		

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Table 6-105 TrapRoutePreferenceRedundancyMissing

Alarm	Attributes	Applicable major releases
Name: TrapRoutePreferenceRedundancyMissing (1084) Type: communications (87) Package: netw Raised on class: netw.NetworkElement	Severity: warning Implicitly cleared: true Default probable cause: trapsRedundancyMissing (823)	<ul style="list-style-type: none"> • 3.0.0 • 4.0.0 • 5.0.0 • 6.0.0 • 7.0.0
Description: The user-defined alarm is raised when NE management redundancy is configured without trap route preference redundancy.		
Raising condition: (((('Management IP Selection' EQUAL 'In Band Preferred') AND ('Active Management IP' EQUAL 'In Band') AND ('Primary Route Preference' EQUAL 'In Band') AND ('Secondary Route Preference' EQUAL 'None')) OR (('Management IP Selection' EQUAL 'Out Of Band Preferred') AND ('Active Management IP' EQUAL 'Out Of Band') AND ('Primary Route Preference' EQUAL 'Out Of Band') AND ('Secondary Route Preference' EQUAL 'None'))))		
Clearing condition: (((('Management IP Selection' EQUAL 'In Band Preferred') AND ('Active Management IP' EQUAL 'In Band') AND ('Secondary Route Preference' NOT EQUAL 'None')) OR (('Management IP Selection' EQUAL 'Out Of Band Preferred') AND ('Active Management IP' EQUAL 'Out Of Band') AND ('Secondary Route Preference' NOT EQUAL 'None'))))		
Remedial action: A configuration error has been made which must be corrected. The IP address of the standby SAM server must be configured on the NE in question.		

Table 6-106 UnidentifiedNode

Alarm	Attributes	Applicable major releases
Name: UnidentifiedNode (1922) Type: communicationsAlarm (4) Package: netw Raised on class: netw.DiscoveredNode	Severity: major Implicitly cleared: true Default probable cause: unidentifiedNode (922)	<ul style="list-style-type: none"> • 3.0.0 • 4.0.0 • 5.0.0 • 6.0.0 • 7.0.0
Description: The alarm is raised when the node being discovered can not be properly identified.		
Raising condition: ('State' EQUAL 'Pending Identification')		
Clearing condition: ('State' NOT EQUAL 'Pending Identification')		
Remedial action: A configuration error has occurred that must be corrected. The eNodeB does not have a system name. The name can be configured by selecting the alarm, opening the associated properties form for the alarmed object and configuring the system name.		

Table 6-107 UnmanageFailed

Alarm	Attributes	Applicable major releases
Name: UnmanageFailed (300) Type: discoveryControlAlarm (33) Package: netw Raised on class: netw.NodeDiscoveryControl	Severity: warning Implicitly cleared: true Default probable cause: unableToDeleteNode (231)	<ul style="list-style-type: none"> • 3.0.0 • 4.0.0 • 5.0.0 • 6.0.0 • 7.0.0
Description: The alarm is raised when an attempt to unmanage an NE fails.		
Raising condition: ('Site State' EQUAL 'Unmanage Failed')		
Clearing condition: ('Site State' NOT EQUAL 'Unmanage Failed')		
Remedial action: Informational - if the alarm persists please contact Alcatel-Lucent support for assistance		

Table 6-108 UpgradedBuildVersionMismatch

Alarm	Attributes	Applicable major releases
Name: UpgradedBuildVersionMismatch (174) Type: configurationAlarm (11) Package: netw Raised on class: netw.NetworkElement	Severity: warning Implicitly cleared: true Default probable cause: upgradedImageNotBooted (137)	<ul style="list-style-type: none"> • 3.0.0 • 4.0.0 • 5.0.0 • 6.0.0 • 7.0.0
Description: The alarm is raised when the software version that an NE reports after a software upgrade does not match the version of the software used for the upgrade.		
Raising condition: ('upgradedBuildVersionMismatch' EQUAL 'true')		
Clearing condition: ('upgradedBuildVersionMismatch' EQUAL 'false')		

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Alarm	Attributes	Applicable major releases
Remedial action: Informational - if the alarm persists please contact Alcatel-Lucent support for assistance		

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Table 6-109 upgradedCardAlarm

Alarm	Attributes	Applicable major releases
Name: upgradedCardAlarm (255) Type: softwareAlarm (19) Package: equipment Raised on class: equipment.Card	Severity: warning Implicitly cleared: true Default probable cause: upgradedCard (194)	<ul style="list-style-type: none"> • 3.0.0 • 4.0.0 • 5.0.0 • 6.0.0 • 7.0.0
Description: The alarm is raised when the standby CPM is rebooted and operational after a software upgrade. A device resets an IOM automatically after 120 minutes if the IOM is not manually reset after a CPM upgrade.		
Raising condition: ('operationalState' EQUAL 'Upgrade')		
Clearing condition: ('operationalState' EQUAL 'Up')		
Remedial action: Informational - no corrective action required.		

Table 6-110 VersionConfigRestoreFailed

Alarm	Attributes	Applicable major releases
Name: VersionConfigRestoreFailed (536) Type: configurationAlarm (11) Package: sw Raised on class: sw.BackupRestoreManager	Severity: major Implicitly cleared: true Default probable cause: versionMismatch (405)	<ul style="list-style-type: none"> • 3.0.0 • 4.0.0 • 5.0.0 • 6.0.0 • 7.0.0
Description: The alarm is raised when the restore procedure on an NE fails because of a mismatch between the backup file set version and the NE software version.		
Raising condition: ('lastNmsVersionRestoreState' EQUAL 'Failure')		
Clearing condition: ('lastNmsVersionRestoreState' EQUAL 'Success')		
Remedial action: The backup files being restored do not match with the version of node software release. Download a new copy of the SW image to the NE. If the problem persists contact Alcatel-Lucent support for assistance.		

Table 6-111 WrongCpaaSoftwareVersion

Alarm	Attributes	Applicable major releases
Name: WrongCpaaSoftwareVersion (791) Type: equipmentAlarm (3) Package: netw Raised on class: netw.NetworkElement	Severity: critical Implicitly cleared: true Default probable cause: wrongCpaaSoftwareVersion (559)	<ul style="list-style-type: none"> • 3.0.0 • 4.0.0 • 5.0.0 • 6.0.0 • 7.0.0
Description: The alarm is raised when the 7701 CPAA software is the wrong version and requires an upgrade.		
Raising condition: (('Software Version' EQUAL '\TIMOS-B-3.0.Generic \') AND ('Chassis Type' EQUAL '7701 CPAA'))		
Clearing condition: (('Software Version' NOT EQUAL '\TIMOS-B-3.0.Generic \') AND ('Chassis Type' EQUAL '7701 CPAA'))		
Remedial action: The SW version of the CPAA must be upgraded to the version compatible with CPAM version.		

Table 6-112 XplError

Alarm	Attributes	Applicable major releases
Name: XplError (573) Type: hardwareAnomaly (55) Package: equipment Raised on class: equipment.DaughterCard	Severity: minor Implicitly cleared: true Default probable cause: xplError (443)	<ul style="list-style-type: none"> • 3.0.0 • 4.0.0 • 5.0.0 • 6.0.0 • 7.0.0
Description: The alarm is raised when an MDA reports persistent XPL Errors.		
Raising condition: ('Number Of Notifications' NOT EQUAL '0')		
Clearing condition: ('Number Of Notifications' EQUAL '0')		
Remedial action: Informational - if the condition persists then the MDA indicated in the alarm should be replaced.		

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Note — Some alarms that the 5620 SAM can raise against this device may not be listed in this chapter. Associating alarms with specific NE types is an ongoing Alcatel-Lucent effort. If the 5620 SAM raises an alarm against this device type, and the alarm is not described in this chapter, see chapter 41 for information about the alarm.

Table 7-1 AccessInterfaceDown

Alarm	Attributes	Applicable major releases
Name: AccessInterfaceDown (249) Type: AccessInterfaceAlarm (32) Package: service Raised on class: service.AccessInterface	Severity: critical Implicitly cleared: true Default probable cause: interfaceDown (32)	<ul style="list-style-type: none"> • 4.0.0 • 5.0.0 • 6.0.0 • 7.0.0
Description: The alarm is raised when an L2 or L3 interface operational state is Down. The alarm is not raised against an L2 access interface that is associated with an MC ring or MC LAG in the standby state.		
Raising condition: (('Operational State' NOT EQUAL 'Up') AND ('State Cause' NOT EQUAL 'Standby For MC-Ring') AND ('State Cause' NOT EQUAL 'Standby For MC-Lag') AND ('State Cause' NOT EQUAL 'Standby For BGP Multi-homing'))		
Clearing condition: (('Operational State' EQUAL 'Up') OR ('State Cause' EQUAL 'Standby For MC-Ring') OR ('State Cause' EQUAL 'Standby For MC-Lag') OR ('State Cause' EQUAL 'Standby For BGP Multi-homing'))		
Remedial action: The condition exists because the physical interface is down either because it is administratively disabled, faulty or a cabling fault has occurred. Ensure that the interface is administratively up. Check for a poor cable connection to the port or for a faulty cable/fiber. If neither appears to be the problem run diagnostics on the port to determine if it is faulty.		

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Table 7-2 ActiveAbnormalCondition

Alarm	Attributes	Applicable major releases
Name: ActiveAbnormalCondition (3938) Type: activeAbnormalConditionAlarm (116) Package: netw Raised on class: netw.NetworkElement	Severity: major Implicitly cleared: true Default probable cause: ActiveAbnormalConditionState (1520)	<ul style="list-style-type: none"> • 4.0.0 • 5.0.0 • 6.0.0 • 7.0.0
Description: The alarm is an indication for abnormal condition on NE.		
Raising condition: ('abnormalCondition' EQUAL 'true')		
Clearing condition: ('abnormalCondition' EQUAL 'false')		
Remedial action: This alarm is raised when there is a abnormal state indication on NE.		

Table 7-3 AggregatedVFLPortDown

Alarm	Attributes	Applicable major releases
Name: AggregatedVFLPortDown (5436) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.Shelf	Severity: critical Implicitly cleared: true Default probable cause: connectivityIssue (2137)	<ul style="list-style-type: none"> • 4.0.0 • 5.0.0 • 6.0.0 • 7.0.0
Description: The alarm is generated when the aggregated virtual fabric link on the virtual chassis slot is down.		
Raising condition: (('Shelf Type' EQUAL '7850') AND ('Total Slots' EQUAL '4') AND ('Virtual Fabric Link State' NOT EQUAL 'Up'))		
Clearing condition: (('Shelf Type' EQUAL '7850') AND ('Total Slots' EQUAL '4') AND ('Virtual Fabric Link State' EQUAL 'Up'))		
Remedial action: The alarm is raised when the aggregated virtual fabric link on the virtual chassis is down. Please check the virtual fabric links for the virtual chassis setup.		

Table 7-4 AGWDiameterPeerDown

Alarm	Attributes	Applicable major releases
Name: AGWDiameterPeerDown (844) Type: EpcAlarm (59) Package: Ite Raised on class: Ite.AGWDiameterPeer	Severity: variable Implicitly cleared: true Default probable cause: EPSPeerDown (602)	<ul style="list-style-type: none"> • 4.0.0 • 5.0.0 • 6.0.0 • 7.0.0
Description: The alarm is raised when the path management state of a Diameter peer changes to a state other than Up.		
Raising condition: ('Path Diameter Management State' NOT EQUAL 'Active')		
Clearing condition: ('Path Diameter Management State' EQUAL 'Active')		
Remedial action: A Ga reference point (peer) is operationally down for one of the following reasons: the underlying IP or physical interface is down, the far end peer is down or the underlying transport between this NE and the peer NE is down. To resolve the issue ensure that the IP/physical interface is up, check that the far end peer is operational and check that the underlying transport network is up.		

Table 7-5 AncillaryPathLimitReached

Alarm	Attributes	Applicable major releases
Name: AncillaryPathLimitReached (459) Type: resourceAlarm (28) Package: equipment Raised on class: equipment.DaughterCard	Severity: warning Implicitly cleared: true Default probable cause: resourceLimitReached (131)	<ul style="list-style-type: none"> • 4.0.0 • 5.0.0 • 6.0.0 • 7.0.0
Description: The alarm is raised when the Ingress Multicast Path Management ancillary path bandwidth limit is reached.		
Raising condition: (('Ancillary Path Limit Override' > '0') AND ('Ancillary Path In use' >= (1000 * 'Ancillary Path Limit Override'))"		
Clearing condition: (('Ancillary Path Limit Override' > '0') AND ('Ancillary Path In use' < (1000 * 'Ancillary Path Limit Override'))"		
Remedial action: Informational - The alarm is raised when the Ingress Multicast Path Management ancillary path bandwidth limit is reached. This can be remedied by modifying the ancillary path limit located at T1 Paths tab of the multicast bandwidth policy which assigned to the card, or increase the ancillary path limit override located at the Daughter Card tab under Daughter Card Slot form.		

Table 7-6 AuxiliaryServerStatus

Alarm	Attributes	Applicable major releases
Name: AuxiliaryServerStatus (311) Type: communicationsAlarm (4) Package: server Raised on class: server.AuxiliaryServer	Severity: critical Implicitly cleared: true Default probable cause: systemFailed (144)	<ul style="list-style-type: none"> • 4.0.0 • 5.0.0 • 6.0.0 • 7.0.0
Description: The alarm is raised when a 5620 SAM main server cannot communicate with an auxiliary server. The alarm clears when communication is restored.		
Raising condition: ('Server Status' EQUAL 'Down')		
Clearing condition: ('Server Status' EQUAL 'Up')		
Remedial action: Informational - if the alarm persists or is occurring frequently then investigation is required to understand why the connectivity between the AUX and SAM servers is unreliable.		

Table 7-7 BootableConfigBackupFailed

Alarm	Attributes	Applicable major releases
Name: BootableConfigBackupFailed (103) Type: configurationAlarm (11) Package: sw Raised on class: sw.BackupRestoreManager	Severity: major Implicitly cleared: true Default probable cause: fileTransferFailure (89)	<ul style="list-style-type: none"> • 4.0.0 • 5.0.0 • 6.0.0 • 7.0.0
Description: The alarm is raised when the 5620 SAM fails to back up a set of NE configuration files.		
Raising condition: ('Backup State' EQUAL 'Failure')		
Clearing condition: ('Backup State' EQUAL 'Success')		

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Alarm	Attributes	Applicable major releases
Remedial action: Investigation is required to resolve the following possible scenarios: insufficient disk space is available to accommodate the NE configuration files (additional SAM platform alarms will accompany this alarm); the NE is unreachable (including underlying transport network issue); loss of connectivity to the NE during transfer; the FTP daemon on the NE may have stopped; FTP security credential issues.		

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Table 7-8 BootableConfigRestoreFailed

Alarm	Attributes	Applicable major releases
Name: BootableConfigRestoreFailed (104) Type: configurationAlarm (11) Package: sw Raised on class: sw.BackupRestoreManager	Severity: major Implicitly cleared: true Default probable cause: fileTransferFailure (89)	<ul style="list-style-type: none"> • 4.0.0 • 5.0.0 • 6.0.0 • 7.0.0
Description: The alarm is raised when the 5620 SAM fails to restore a set of NE configuration files.		
Raising condition: ('Restore State' EQUAL 'Failure')		
Clearing condition: ('Restore State' EQUAL 'Success')		
Remedial action: Investigation is required to resolve the following possible scenarios: the NE is unreachable (including underlying transport network issue); loss of connectivity to the NE during transfer; the FTP daemon on the NE may have stopped; FTP security credential issues.		

Table 7-9 BootParametersMisconfigured

Alarm	Attributes	Applicable major releases
Name: BootParametersMisconfigured (35) Type: configurationAlarm (11) Package: netw Raised on class: netw.NetworkElement	Severity: critical Implicitly cleared: true Default probable cause: persistentIndexFailure (30) Applicable probable causes: <ul style="list-style-type: none"> • persistentIndexFailure • configFileBootFailure 	<ul style="list-style-type: none"> • 4.0.0 • 5.0.0 • 6.0.0 • 7.0.0
Description: The alarm is raised when the SNMP Index Boot Status on an NE is not set to Persistent.		
Raising condition: (('isGenericNode' EQUAL 'false') AND ('State' NOT EQUAL 'Pre-provisioned') AND (('Config File Status' NOT EQUAL 'Executed Successfully') AND ('Config File Status' NOT EQUAL 'configFileStatus_unspecified')) OR (('Persistent Index Status' NOT EQUAL 'Rebuild Succeeded') AND ('Persistent Index Status' NOT EQUAL 'persistentIndexStatus_unspecified')))		
Clearing condition: (('Config File Status' EQUAL 'Executed Successfully') AND ('Persistent Index Status' EQUAL 'Rebuild Succeeded'))		
Remedial action: Ensure that "SNMP Index Boot Status" is persistent (using cli command "show system information" on the NE). If not, unmanage the network element from SAM, ensure that "persist on" is set in the bof file, save the bof, save a config file, verify that an index file (.ndx) is saved as well, reboot the router, verify that SNMP Index Boot Status is persistent and finally remanage the router from SAM.		

Table 7-10 ClientDelegateServerStatus

Alarm	Attributes	Applicable major releases
Name: ClientDelegateServerStatus (731) Type: communicationsAlarm (4) Package: server Raised on class: server.ClientDelegateServer	Severity: critical Implicitly cleared: true Default probable cause: systemFailed (144)	<ul style="list-style-type: none"> • 4.0.0 • 5.0.0 • 6.0.0 • 7.0.0
Description: The alarm is raised when a client delegate server is unreachable.		
Raising condition: ('Server Status' EQUAL 'Down')		
Clearing condition: ('Server Status' EQUAL 'Up')		
Remedial action: Informational - if the alarm persists or is occurring frequently then investigation is required to understand why the connectivity between the client delegate platform and SAM servers is unreliable or the client delegate server itself is unreliable.		

Table 7-11 ContainingEquipmentAdministrativelyDown

Alarm	Attributes	Applicable major releases
Name: ContainingEquipmentAdministrativelyDown (466) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.Port	Severity: minor Implicitly cleared: true Default probable cause: containingEquipmentAdministrativelyDown (330)	<ul style="list-style-type: none"> • 4.0.0 • 5.0.0 • 6.0.0 • 7.0.0
Description: The alarm is raised when the compositeEquipmentState attribute has a value of containingEquipmentAdministrativelyDown.		
Raising condition: (('Status' EQUAL 'Parent Admin Down') AND ('isTerminatable' EQUAL 'true'))		
Clearing condition: (('Status' NOT EQUAL 'Parent Admin Down') OR ('isTerminatable' NOT EQUAL 'true'))		
Remedial action: Informational - no corrective action required.		

Table 7-12 ContainingEquipmentMismatch

Alarm	Attributes	Applicable major releases
Name: ContainingEquipmentMismatch (464) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.Port	Severity: major Implicitly cleared: true Default probable cause: containingEquipmentMismatch (328)	<ul style="list-style-type: none"> • 4.0.0 • 5.0.0 • 6.0.0 • 7.0.0
Description: The alarm is raised when the compositeEquipmentState attribute has a value of containingEquipmentMismatch.		
Raising condition: (('Status' EQUAL 'Parent Type Mismatch') AND ('isTerminatable' EQUAL 'true'))		
Clearing condition: (('Status' NOT EQUAL 'Parent Type Mismatch') OR ('isTerminatable' NOT EQUAL 'true'))		
Remedial action: A configuration error has occurred which must be corrected. The card type configured for the slot identified in the alarm must match the installed card type.		

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Table 7-13 ContainingEquipmentOperationallyDown

Alarm	Attributes	Applicable major releases
Name: ContainingEquipmentOperationallyDown (465) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.Port	Severity: major Implicitly cleared: true Default probable cause: containingEquipmentDown (329)	<ul style="list-style-type: none"> • 4.0.0 • 5.0.0 • 6.0.0 • 7.0.0
Description: The alarm is raised when the compositeEquipmentState attribute has a value of containingEquipmentOperationallyDown.		
Raising condition: (('Status' EQUAL 'Parent Oper Down') AND ('isTerminatable' EQUAL 'true'))		
Clearing condition: (('Status' NOT EQUAL 'Parent Oper Down') OR ('isTerminatable' NOT EQUAL 'true'))		
Remedial action: The operational state of the equipment element indicated in the alarm is down. This may be due to the element's administrative state or it may indicate that the element has failed.		

Table 7-14 CorruptImageFile

Alarm	Attributes	Applicable major releases
Name: CorruptImageFile (171) Type: configurationAlarm (11) Package: mediation Raised on class: mediation.AbstractSoftwareFolderDescriptor	Severity: critical Implicitly cleared: true Default probable cause: invalidOrCorruptImageFile (134)	<ul style="list-style-type: none"> • 4.0.0 • 5.0.0 • 6.0.0 • 7.0.0
Description: The alarm is raised when one or more files in the 5620 SAM software image specified for a device software upgrade is invalid, corrupt or absent. The 5620 SAM validates a device software file set before it imports the file set and distributes it to an NE. Ensure that the file set downloads properly to the NE and is not tampered with before you re-attempt the upgrade. The alarm clears when a valid file set is on the NE and the 5620 SAM activates the software image in the file set.		
Raising condition: ('isImageValid' EQUAL 'false')		
Clearing condition: ('isImageValid' EQUAL 'true')		
Remedial action: The existing SW image in the SAM database should be replaced with an image that is known to be complete and valid.		

Table 7-15 downgradedCardAlarm

Alarm	Attributes	Applicable major releases
Name: downgradedCardAlarm (256) Type: softwareAlarm (19) Package: equipment Raised on class: equipment.Card	Severity: warning Implicitly cleared: true Default probable cause: downgradedCard (195)	<ul style="list-style-type: none"> • 4.0.0 • 5.0.0 • 6.0.0 • 7.0.0
Description: The alarm is raised when an IOM is not upgraded or reset after a device software upgrade of both CPMs. A device resets an IOM automatically after 120 minutes if the IOM is not manually reset after a CPM upgrade.		

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Alarm	Attributes	Applicable major releases
Raising condition: ('operationalState' EQUAL 'Downgrade')		
Clearing condition: ('operationalState' EQUAL 'Up')		
Remedial action: Informational - no corrective action required.		

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Table 7-16 EfmOamAlarm

Alarm	Attributes	Applicable major releases
Name: EfmOamAlarm (4617) Type: equipmentAlarm (3) Package: ethernetequipment Raised on class: ethernetequipment.Dot3Oam	Severity: minor Implicitly cleared: true Default probable cause: EFMOAMOperationalStateOutOfService (1886)	<ul style="list-style-type: none"> • 4.0.0 • 5.0.0 • 6.0.0 • 7.0.0
Description: The alarm is raised when EFM Ignore status is Enabled, and Physical port Administrative State is Down.		
Raising condition: ('Ignore EFM State' EQUAL 'true')		
Clearing condition: ('Ignore EFM State' EQUAL 'true')		
Remedial action: The alarm is raised when EFM Ignore status is Enabled, and Physical port Administrative State is Down.		

Table 7-17 EquipmentAdministrativelyDown

Alarm	Attributes	Applicable major releases
Name: EquipmentAdministrativelyDown (455) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.Equipment	Severity: minor Implicitly cleared: true Default probable cause: equipmentAdministrativelyDown (326)	<ul style="list-style-type: none"> • 4.0.0 • 5.0.0 • 6.0.0 • 7.0.0
Description: The alarm is raised when the compositeEquipmentState attribute has a value of equipmentAdministrativelyDown.		
Raising condition: ('compositeEquipmentState' EQUAL 'Admin Down')		
Clearing condition: ('compositeEquipmentState' NOT EQUAL 'Admin Down')		
Remedial action: Informational - no corrective action required.		

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Table 7-18 EquipmentDegraded

Alarm	Attributes	Applicable major releases
Name: EquipmentDegraded (604) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.FanTray	Severity: minor Implicitly cleared: true Default probable cause: singleFanFailure (450)	<ul style="list-style-type: none"> • 4.0.0 • 5.0.0 • 6.0.0 • 7.0.0
Description: The alarm is raised when a single fan fails. The chassis attempts to continue operating within the normal temperature range using only the remaining fans.		
Raising condition: ('Device State' EQUAL 'MinorFailure')		
Clearing condition: ('Device State' NOT EQUAL 'MinorFailure')		
Remedial action: The failed fan unit should be replaced.		

Table 7-19 EquipmentDown

Alarm	Attributes	Applicable major releases
Name: EquipmentDown (10) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.Equipment	Severity: major Implicitly cleared: true Default probable cause: inoperableEquipment (8)	<ul style="list-style-type: none"> • 4.0.0 • 5.0.0 • 6.0.0 • 7.0.0
Description: The alarm is raised when the compositeEquipmentState attribute has a value of equipmentOperationallyDown.		
Raising condition: ('compositeEquipmentState' EQUAL 'Oper Down')		
Clearing condition: ('compositeEquipmentState' NOT EQUAL 'Oper Down')		
Remedial action: This alarm indicates that a card in the NE has failed. The card must be replaced.		

Table 7-20 EquipmentFailure

Alarm	Attributes	Applicable major releases
Name: EquipmentFailure (145) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.ReplaceableUnit	Severity: critical Implicitly cleared: true Default probable cause: cardFailure (123)	<ul style="list-style-type: none"> • 4.0.0 • 5.0.0 • 6.0.0 • 7.0.0
Description: The alarm is raised when a control processor or power-supply tray reports a failure. When the object type is ControlProcessor, a CPM may be unable to boot. When the object type is Power Supply Tray and the alarm is raised during device discovery, a power-supply tray may be out of service. When the object type is a Power Supply Tray and the device is in the managed state, a power-supply tray may be out of service or the AC power shelf has a fault condition. The alarm clears when the status changes to OK.		
Raising condition: ('operationalState' EQUAL 'Failed')		
Clearing condition: ('operationalState' NOT EQUAL 'Failed')		

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Alarm	Attributes	Applicable major releases
Remedial action: If the alarm indicates that the CPM card has a fault, remove the card and reset it. If this does not clear the alarm then please contact Alcatel-Lucent support for assistance. If the alarm indicates that the Power Supply tray is out of service ensure that the NE is properly connected to power. If the problem persists please contact Alcatel-Lucent support for assistance.		

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Table 7-21 EquipmentInTest

Alarm	Attributes	Applicable major releases
Name: EquipmentInTest (11) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.Equipment	Severity: warning Implicitly cleared: true Default probable cause: equipmentInTest (9)	<ul style="list-style-type: none"> • 4.0.0 • 5.0.0 • 6.0.0 • 7.0.0
Description: The alarm is raised when equipment enters a diagnostic state.		
Raising condition: ('compositeEquipmentState' EQUAL 'In Test')		
Clearing condition: ('compositeEquipmentState' NOT EQUAL 'In Test')		
Remedial action: Informational - no corrective action required.		

Table 7-22 EquipmentMismatch

Alarm	Attributes	Applicable major releases
Name: EquipmentMismatch (9) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.Equipment	Severity: major Implicitly cleared: true Default probable cause: equipmentTypeMismatch (7)	<ul style="list-style-type: none"> • 4.0.0 • 5.0.0 • 6.0.0 • 7.0.0
Description: The alarm is raised when the compositeEquipmentState attribute has a value of equipmentMismatch.		
Raising condition: ('compositeEquipmentState' EQUAL 'Type Mismatch')		
Clearing condition: ('compositeEquipmentState' NOT EQUAL 'Type Mismatch')		
Remedial action: A configuration error has occurred which must be corrected. The card type configured for the slot identified in the alarm must match the installed card type.		

Table 7-23 EquipmentRemoved

Alarm	Attributes	Applicable major releases
Name: EquipmentRemoved (8) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.Equipment	Severity: major Implicitly cleared: true Default probable cause: replaceableEquipmentRemoved (6)	<ul style="list-style-type: none"> • 4.0.0 • 5.0.0 • 6.0.0 • 7.0.0

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Alarm	Attributes	Applicable major releases
Description: The alarm is raised when the compositeEquipmentState attribute has a value of equipmentMissing.		
Raising condition: (((isEquipped' EQUAL 'false') OR ('compositeEquipmentState' EQUAL 'Removed')) AND ('isEquipmentInserted' EQUAL 'true'))		
Clearing condition: (('compositeEquipmentState' NOT EQUAL 'Removed') AND ('isEquipped' EQUAL 'true'))		
Remedial action: Informational - this alarm is raised when a card is removed.		

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Table 7-24 EthernetPortConfiguredLoopback

Alarm	Attributes	Applicable major releases
Name: EthernetPortConfiguredLoopback (801) Type: configurationAlarm (11) Package: ethernetequipment Raised on class: ethernetequipment.EthernetPortSpecifics	Severity: warning Implicitly cleared: true Default probable cause: ethernetPortConfiguredLoopback (567)	<ul style="list-style-type: none"> • 4.0.0 • 5.0.0 • 6.0.0 • 7.0.0
Description: The alarm is raised when a timed loopback is in effect for an Ethernet port.		
Raising condition: (('Type' NOT EQUAL 'None'))		
Clearing condition: (('Type' EQUAL 'None'))		
Remedial action: This alarm has been raised by the node because "Timed Loopback" option of the specific port's Ethernet property has been enabled. To resolve this problem from "Ethernet" tab of "Physical Port" properties form configure "Timed Loopback" Type property as "None".		

Table 7-25 EthernetPortDuplicateLane

Alarm	Attributes	Applicable major releases
Name: EthernetPortDuplicateLane (3557) Type: communicationsAlarm (4) Package: ethernetequipment Raised on class: ethernetequipment.EthernetPortSpecifics	Severity: major Implicitly cleared: true Default probable cause: DuplicateLane (1387)	<ul style="list-style-type: none"> • 4.0.0 • 5.0.0 • 6.0.0 • 7.0.0
Description: The alarm is raised when a device reports a Duplicate Lane on an Ethernet port.		
Raising condition: (('Outstanding Alarms'anyBit'Duplicate Lane') AND ('Report Alarms'anyBit'Duplicate Lane'))		
Clearing condition: NOT (('Outstanding Alarms'anyBit'Duplicate Lane') AND ('Report Alarms'anyBit'Duplicate Lane'))		
Remedial action: One of the following conditions exists on the referenced physical interface which must be corrected. A cable/fiber fault exists which must be corrected - check to ensure that the cable is not faulty and is properly connected. The port is faulty - run diagnostics on the port to determine the nature of the fault. If the problem cannot be resolved swap the card containing the port with a card which is known be functional.		

Table 7-26 EthernetPortHighBer

Alarm	Attributes	Applicable major releases
Name: EthernetPortHighBer (307) Type: communicationsAlarm (4) Package: ethernetequipment Raised on class: ethernetequipment.EthernetPortSpecifics	Severity: major Implicitly cleared: true Default probable cause: HighBer (238)	<ul style="list-style-type: none"> • 4.0.0 • 5.0.0 • 6.0.0 • 7.0.0
Description: The alarm is raised when a device reports a high bit-error rate on an Ethernet port.		
Raising condition: (('Outstanding Alarms'anyBit'High Bit Error Rate') AND ('Report Alarms'anyBit'High Bit Error Rate'))		
Clearing condition: NOT (('Outstanding Alarms'anyBit'High Bit Error Rate') AND ('Report Alarms'anyBit'High Bit Error Rate'))		
Remedial action: One of the following conditions exists on the physical interface which must be corrected. A cable/fiber fault exists which must be corrected - check to ensure that the cable is not faulty and is properly connected. The port is faulty - run diagnostics on the port to determine the nature of the fault.		

Table 7-27 EthernetPortLocalFault

Alarm	Attributes	Applicable major releases
Name: EthernetPortLocalFault (305) Type: communicationsAlarm (4) Package: ethernetequipment Raised on class: ethernetequipment.EthernetPortSpecifics	Severity: major Implicitly cleared: true Default probable cause: LocalFault (236)	<ul style="list-style-type: none"> • 4.0.0 • 5.0.0 • 6.0.0 • 7.0.0
Description: The alarm is raised when a device reports a local fault on an Ethernet port.		
Raising condition: (('Outstanding Alarms'anyBit'Local Fault') AND ('Report Alarms'anyBit'Local Fault'))		
Clearing condition: NOT (('Outstanding Alarms'anyBit'Local Fault') AND ('Report Alarms'anyBit'Local Fault'))		
Remedial action: One of the following conditions exists on the physical interface which must be corrected. A cable/fiber fault exists which must be corrected - check to ensure that the cable is not faulty and is properly connected. The port is faulty - run diagnostics on the port to determine the nature of the fault.		

Table 7-28 EthernetPortNoAmLock

Alarm	Attributes	Applicable major releases
Name: EthernetPortNoAmLock (3558) Type: communicationsAlarm (4) Package: ethernetequipment Raised on class: ethernetequipment.EthernetPortSpecifics	Severity: major Implicitly cleared: true Default probable cause: NoAmLock (1388)	<ul style="list-style-type: none"> • 4.0.0 • 5.0.0 • 6.0.0 • 7.0.0
Description: The alarm is raised when a device reports a No Am Lock on an Ethernet port.		
Raising condition: (('Outstanding Alarms'anyBit'No AM Lock') AND ('Report Alarms'anyBit'No AM Lock'))		

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Alarm	Attributes	Applicable major releases
Clearing condition: NOT (('Outstanding Alarms'anyBit'No AM Lock') AND ('Report Alarms'anyBit'No AM Lock'))		
Remedial action: One of the following conditions exists on the referenced physical interface which must be corrected. A cable/fiber fault exists which must be corrected - check to ensure that the cable is not faulty and is properly connected. The port is faulty - run diagnostics on the port to determine the nature of the fault. If the problem cannot be resolved swap the card containing the port with a card which is known be functional.		

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Table 7-29 EthernetPortNoBlockLock

Alarm	Attributes	Applicable major releases
Name: EthernetPortNoBlockLock (3559) Type: communicationsAlarm (4) Package: ethernetequipment Raised on class: ethernetequipment.EthernetPortSpecifics	Severity: major Implicitly cleared: true Default probable cause: NoBlockLock (1389)	<ul style="list-style-type: none"> • 4.0.0 • 5.0.0 • 6.0.0 • 7.0.0
Description: The alarm is raised when a device reports a No Block Lock on an Ethernet port.		
Raising condition: (('Outstanding Alarms'anyBit'No Block Lock') AND ('Report Alarms'anyBit'No Block Lock'))		
Clearing condition: NOT (('Outstanding Alarms'anyBit'No Block Lock') AND ('Report Alarms'anyBit'No Block Lock'))		
Remedial action: One of the following conditions exists on the referenced physical interface which must be corrected. A cable/fiber fault exists which must be corrected - check to ensure that the cable is not faulty and is properly connected. The port is faulty - run diagnostics on the port to determine the nature of the fault. If the problem cannot be resolved swap the card containing the port with a card which is known be functional.		

Table 7-30 EthernetPortNoFrameLock

Alarm	Attributes	Applicable major releases
Name: EthernetPortNoFrameLock (306) Type: communicationsAlarm (4) Package: ethernetequipment Raised on class: ethernetequipment.EthernetPortSpecifics	Severity: major Implicitly cleared: true Default probable cause: NoFrameLock (237)	<ul style="list-style-type: none"> • 4.0.0 • 5.0.0 • 6.0.0 • 7.0.0
Description: The alarm is raised when a device reports No Frame Lock on an Ethernet port.		
Raising condition: (('Outstanding Alarms'anyBit'No Frame Lock') AND ('Report Alarms'anyBit'No Frame Lock'))		
Clearing condition: NOT (('Outstanding Alarms'anyBit'No Frame Lock') AND ('Report Alarms'anyBit'No Frame Lock'))		
Remedial action: One of the following conditions exists on the physical interface which must be corrected. A cable/fiber fault exists which must be corrected - check to ensure that the cable is not faulty and is properly connected. The port is faulty - run diagnostics on the port to determine the nature of the fault.		

Table 7-31 EthernetPortRemoteFault

Alarm	Attributes	Applicable major releases
Name: EthernetPortRemoteFault (304) Type: communicationsAlarm (4) Package: ethernetequipment Raised on class: ethernetequipment.EthernetPortSpecifics	Severity: major Implicitly cleared: true Default probable cause: RemoteFault (235)	<ul style="list-style-type: none"> • 4.0.0 • 5.0.0 • 6.0.0 • 7.0.0
Description: The alarm is raised when a device reports a remote fault on an Ethernet port.		
Raising condition: (('Outstanding Alarms'anyBit'Remote Fault') AND ('Report Alarms'anyBit'Remote Fault'))		
Clearing condition: NOT (('Outstanding Alarms'anyBit'Remote Fault') AND ('Report Alarms'anyBit'Remote Fault'))		
Remedial action: One of the following conditions exists on the remote physical interface which must be corrected. A cable/fiber fault exists which must be corrected - check to ensure that the cable is not faulty and is properly connected. The port is faulty - run diagnostics on the port to determine the nature of the fault.		

Table 7-32 EthernetPortSignalFailure

Alarm	Attributes	Applicable major releases
Name: EthernetPortSignalFailure (303) Type: communicationsAlarm (4) Package: ethernetequipment Raised on class: ethernetequipment.EthernetPortSpecifics	Severity: major Implicitly cleared: true Default probable cause: SignalFailure (234)	<ul style="list-style-type: none"> • 4.0.0 • 5.0.0 • 6.0.0 • 7.0.0
Description: The alarm is raised when a device reports a signal failure on an Ethernet port.		
Raising condition: (('Outstanding Alarms'anyBit'Signal Failure') AND ('Report Alarms'anyBit'Signal Failure'))		
Clearing condition: NOT (('Outstanding Alarms'anyBit'Signal Failure') AND ('Report Alarms'anyBit'Signal Failure'))		
Remedial action: One of the following conditions exists on the physical interface which must be corrected. A cable/fiber fault exists which must be corrected - check to ensure that the cable is not faulty and is properly connected. The port is faulty - run diagnostics on the port to determine the nature of the fault.		

Table 7-33 FanFailure

Alarm	Attributes	Applicable major releases
Name: FanFailure (624) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.FanTray	Severity: critical Implicitly cleared: true Default probable cause: fanFailure (116)	<ul style="list-style-type: none"> • 4.0.0 • 5.0.0 • 6.0.0 • 7.0.0
Description: The alarm is raised when the associated fan is not operationally Up.		
Raising condition: (('Device State' EQUAL 'Failed') OR ('Device State' EQUAL 'Unknown') OR ('Device State' EQUAL 'OutOfservice'))		
Clearing condition: ('Device State' EQUAL 'OK')		

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Alarm	Attributes	Applicable major releases
Remedial action: Remove and reset the fan unit. If this does not resolve the problem replace the fan.		

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Table 7-34 FanTrayRemoved

Alarm	Attributes	Applicable major releases
Name: FanTrayRemoved (569) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.FanTray	Severity: critical Implicitly cleared: true Default probable cause: FanTrayRemoved (438)	<ul style="list-style-type: none"> • 4.0.0 • 5.0.0 • 6.0.0 • 7.0.0
Description: The alarm is raised when the deviceState attribute has a value of deviceNotEquipped.		
Raising condition: ('Device State' EQUAL 'Not Equipped')		
Clearing condition: ('Device State' NOT EQUAL 'Not Equipped')		
Remedial action: Informational - a fan tray has been removed from the NE.		

Table 7-35 ForwardingTableSizeLimitReached

Alarm	Attributes	Applicable major releases
Name: ForwardingTableSizeLimitReached (164) Type: resourceAlarm (28) Package: I2fwd Raised on class: I2fwd.SiteFib	Severity: major Implicitly cleared: true Default probable cause: resourceLimitReached (131)	<ul style="list-style-type: none"> • 4.0.0 • 5.0.0 • 6.0.0 • 7.0.0
Description: The alarm is raised when the number of MAC address entries in the FIB reaches or exceeds the VPLS site high watermark specified by I2fwd.SiteFib.highWatermark. The alarm clears when the number of MAC address entries in the FIB drops below the VPLS site low watermark specified by I2fwd.SiteFib.lowWatermark. The alarm can be raised against a VPLS site, L2 access interface, or spoke SDP binding.		
Raising condition: (('Entries' >= 'Size') OR ('Entries' >= (('High Watermark' * 'Size') / 100.0)))		
Clearing condition: (('Entries' < 'Size') AND (('High Watermark' EQUAL '0L') OR ('Entries' < (('Low Watermark' * 'Size') / 100.0))) AND (('Low Watermark' EQUAL '0L') OR ('Entries' < (('Low Watermark' * 'Size') / 100.0)))		
Remedial action: Informational		

Table 7-36 FrameSizeProblem (netw)

Alarm	Attributes	Applicable major releases
Name: FrameSizeProblem (37) Type: configurationAlarm (11) Package: netw Raised on class: netw.StatefullConnectableInterface	Severity: critical Implicitly cleared: true Default probable cause: frameSizeProblem (33)	<ul style="list-style-type: none"> • 4.0.0 • 5.0.0 • 6.0.0 • 7.0.0
Description: The alarm is raised when a provisioned MTU size value is greater than the supported MTU size value.		
Raising condition: (('mtuMismatch' EQUAL 'true') AND ('portId' NOT EQUAL '0L'))		
Clearing condition: (('mtuMismatch' EQUAL 'false') OR ('portId' EQUAL '0L'))		
Remedial action: A configuration error has been made which must be corrected. The MTU value must be changed such that is less than or equal to the supported MTU size value.		

Table 7-37 GaPeerDown

Alarm	Attributes	Applicable major releases
Name: GaPeerDown (3303) Type: EpcAlarm (59) Package: Iteggns Raised on class: Iteggns.GaPeer	Severity: major Implicitly cleared: true Default probable cause: EPSPeerDown (602)	<ul style="list-style-type: none"> • 4.0.0 • 5.0.0 • 6.0.0 • 7.0.0
Description: The alarm is raised when the path management state of a Ga peer changes to a state other than Up.		
Raising condition: ('Path Management State' NOT EQUAL 'Active')		
Clearing condition: ('Path Management State' EQUAL 'Active')		
Remedial action: A Ga reference point (peer) is operationally down for one of the following reasons: the underlying IP or physical interface is down, the far end peer is down or the underlying transport between this NE and the peer NE is down. To resolve the issue ensure that the IP/physical interface is up, check that the far end peer is operational and check that the underlying transport network is up.		

Table 7-38 IncompleteConfiguration

Alarm	Attributes	Applicable major releases
Name: IncompleteConfiguration (1942) Type: operationalViolation (93) Package: netw Raised on class: netw.NetworkElement	Severity: warning Implicitly cleared: true Default probable cause: incompleteConfig (225)	<ul style="list-style-type: none"> • 4.0.0 • 5.0.0 • 6.0.0 • 7.0.0
Description: The alarm is raised when a pre-provisioned NE has no objects configured beneath it.		
Raising condition: (('State' EQUAL 'Pre-provisioned') AND ('eNodeB Equipment' EQUAL '\'))		
Clearing condition: (('State' EQUAL 'Pre-provisioned') AND ('eNodeB Equipment' NOT EQUAL '\'))		

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Alarm	Attributes	Applicable major releases
Remedial action: A configuration error has been made which must be corrected. The configuration of the pre-provisioned NE is incomplete. A work order was not associated with the pre-provisioned NE and as a consequence the attempt to auto-configure the NE failed.		

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Table 7-39 InterfaceDown (netw)

Alarm	Attributes	Applicable major releases
Name: InterfaceDown (36) Type: InterfaceAlarm (13) Package: netw Raised on class: netw.StatefullConnectableInterface	Severity: critical Implicitly cleared: true Default probable cause: interfaceDown (32)	<ul style="list-style-type: none"> • 4.0.0 • 5.0.0 • 6.0.0 • 7.0.0
Description: The alarm is raised when an interface or underlying resource fails, as indicated by an interface compositeState attribute value of failed or underlyingResourceFailed.		
Raising condition: (('compositeState' EQUAL 'Inoperable') OR ('compositeState' EQUAL 'Underlying Resource Inoperable'))		
Clearing condition: (('compositeState' NOT EQUAL 'Inoperable') AND ('compositeState' NOT EQUAL 'Underlying Resource Inoperable'))		
Remedial action: A physical port (physical interface, LAG, channel) associated with the network interface in not operation. Ensure that the interface is cabled and that there is not a configuration error (i.e. MTU size set incorrectly) on the interface. Once the issue w		

Table 7-40 InterfaceDown (vpls)

Alarm	Attributes	Applicable major releases
Name: InterfaceDown (36) Type: configurationAlarm (11) Package: vpls Raised on class: vpls.L2ManagementInterface	Severity: major Implicitly cleared: true Default probable cause: interfaceDown (32)	<ul style="list-style-type: none"> • 4.0.0 • 5.0.0 • 6.0.0 • 7.0.0
Description: The alarm is raised when an L2 management interface has an Operational State of Down, and the associated VPLS site has an Administrative State of Up.		
Raising condition: (('administrativeState' EQUAL 'Up') AND ('operationalState' NOT EQUAL 'Up'))		
Clearing condition: (('operationalState' EQUAL 'Up') OR ('administrativeState' NOT EQUAL 'Up'))		
Remedial action: The condition exists because the physical interface is down either because it is administratively disabled, faulty or a cabling fault has occurred. Ensure that the interface is administratively up. Check for a poor cable connection to the port or for a faulty cable/fiber. If neither appears to be the problem run diagnostics on the port to determine if it is faulty.		

Table 7-41 LagDown

Alarm	Attributes	Applicable major releases
Name: LagDown (20) Type: equipmentAlarm (3) Package: lag Raised on class: lag.Interface	Severity: critical Implicitly cleared: true Default probable cause: lagDown (17)	<ul style="list-style-type: none"> • 4.0.0 • 5.0.0 • 6.0.0 • 7.0.0
Description: The alarm is raised when all ports in a LAG are operationally down.		
Raising condition: (('Administrative State' EQUAL 'Up') AND ('operationalState' NOT EQUAL 'Up'))		
Clearing condition: (('operationalState' EQUAL 'Up') OR ('Administrative State' NOT EQUAL 'Up'))		
Remedial action: This alarm indicates that all physical Ethernet links associated with a LAG are operationally down. The reasons for the links to be down may vary from link to link. The following possible causes of this alarm should be investigated. The physical port (near end or far end may have failed - this can be remedied by replacing the interface card in question. The physical links may have been turned down administratively - re-enable the links. A cable failure or disconnect may have occurred - please ensure that the cables are properly connected to the physical port and and that the cable has not been damaged.		

Table 7-42 LagPortAddFailed

Alarm	Attributes	Applicable major releases
Name: LagPortAddFailed (422) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.PhysicalPort	Severity: warning Implicitly cleared: true Default probable cause: linkDown (315)	<ul style="list-style-type: none"> • 4.0.0 • 5.0.0 • 6.0.0 • 7.0.0
Description: The alarm is raised when the Lag Port Add function Fails.		
Raising condition: (('state' EQUAL 'Link Down') AND ('LAG ID' > '0'))		
Clearing condition: (('state' NOT EQUAL 'Link Down') OR ('LAG ID' EQUAL '0'))		
Remedial action: A configuration error has occurred which must be corrected. The link that was to be added to the LAG group may be of the wrong type (i.e. non ethernet) or the limit of the number of links supported in a LAG may have been reached.		

Table 7-43 LicensedLimitExceeded

Alarm	Attributes	Applicable major releases
Name: LicensedLimitExceeded (127) Type: licensingAlarm (23) Package: security Raised on class: security.ProductLicense	Severity: critical Implicitly cleared: true Default probable cause: licensedLimitExceeded (106)	<ul style="list-style-type: none"> • 4.0.0 • 5.0.0 • 6.0.0 • 7.0.0
Description: The alarm is raised when the license items in the network exceeds 100 percent of the license capacity.		
Raising condition: ('Exceeded' EQUAL 'true')		
Clearing condition: ('Exceeded' NOT EQUAL 'true')		

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Alarm	Attributes	Applicable major releases
Remedial action: Informational - The number of SAM licenses purchased and available on the SAM server is insufficient as compared to the number of NEs/MDA/Cells under management in the network. Please contact Alcatel-Lucent Sales to purchase additional licenses.		

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Table 7-44 LinkDown (equipment)

Alarm	Attributes	Applicable major releases
Name: LinkDown (12) Type: communicationsAlarm (4) Package: equipment Raised on class: equipment.Equipment	Severity: major Implicitly cleared: true Default probable cause: portLinkProblem (10)	<ul style="list-style-type: none"> • 4.0.0 • 5.0.0 • 6.0.0 • 7.0.0
Description: The alarm is raised when a port has no associated physical link or remote end point is operationally down.		
Raising condition: (('compositeEquipmentState' EQUAL 'Link Down') OR ('compositeEquipmentState' EQUAL 'Oper Down'))		
Clearing condition: (('compositeEquipmentState' NOT EQUAL 'Link Down') AND ('compositeEquipmentState' NOT EQUAL 'Oper Down'))		
Remedial action: Please make sure that port has physical link and remote end point is operationally up.		

Table 7-45 LowTemperatureDetected

Alarm	Attributes	Applicable major releases
Name: LowTemperatureDetected (1127) Type: environmentalAlarm (2) Package: equipment Raised on class: equipment.Shelf	Severity: major Implicitly cleared: true Default probable cause: equipmentOvercooled (838)	<ul style="list-style-type: none"> • 4.0.0 • 5.0.0 • 6.0.0 • 7.0.0
Description: The alarm is raised when the chassis temperature falls below the minimum threshold.		
Raising condition: ('Low Temperature State' EQUAL 'Low')		
Clearing condition: ('Low Temperature State' NOT EQUAL 'Low')		
Remedial action: The NE has detected internal temperatures which are abnormally low. This may happen when the environment that the NE is operating in may not be within specifications found in the NE user guides.		

Table 7-46 macMoveRateExceeded (service)

Alarm	Attributes	Applicable major releases
Name: macMoveRateExceeded (3690) Type: accessInterfaceAlarm (40) Package: service Raised on class: service.AccessInterface	Severity: minor Implicitly cleared: true Default probable cause: MacMoveRateExceeded (1429)	<ul style="list-style-type: none"> • 4.0.0 • 5.0.0 • 6.0.0 • 7.0.0
Description: The alarm is raised when the SAP exceeds the MAC Move Frequency of the service site.		
Raising condition: ('State Cause'anyBit'Relearn Limit Exceeded')		
Clearing condition: NOT (('State Cause'anyBit'Relearn Limit Exceeded'))		
Remedial action: Informational.		

Table 7-47 macMoveRateExceededNonBlock (service)

Alarm	Attributes	Applicable major releases
Name: macMoveRateExceededNonBlock (4893) Type: accessInterfaceAlarm (40) Package: service Raised on class: service.AccessInterface	Severity: info Implicitly cleared: true Default probable cause: MacMoveRateExceededNonBlock (1951)	<ul style="list-style-type: none"> • 4.0.0 • 5.0.0 • 6.0.0 • 7.0.0
Description: The alarm is raised when the SAP exceeds the MAC Move Frequency of the service site when limitMacMove(sapTIsLimitMacMove) is set to 'nonBlocking'.		
Raising condition: ('State Cause'anyBit'Relearn Limit Exceeded')		
Clearing condition: NOT (('State Cause'anyBit'Relearn Limit Exceeded'))		
Remedial action: Informational - User can adjust the value of 'MAC Move Maximum Rate' to reduce the frequency of this alarm.		

Table 7-48 MepAISReceivedAlarm

Alarm	Attributes	Applicable major releases
Name: MepAISReceivedAlarm (2945) Type: oamAlarm (18) Package: ethernetToam Raised on class: ethernetToam.Mep	Severity: variable Implicitly cleared: true Default probable cause: missingRemoteMep (388)	<ul style="list-style-type: none"> • 4.0.0 • 5.0.0 • 6.0.0 • 7.0.0
Description: The alarm is raised when a MEP receives AIS test frames from one or more of its sub-layer MEPs.		
Raising condition: (('AIS Received (AisRx)' EQUAL 'true') AND ('Facility VLAN ID' EQUAL '0'))		
Clearing condition: ('AIS Received (AisRx)' EQUAL 'false')		
Remedial action: This alarm indicates that it has received a MEP fault from a sub-layer MEP, user should investigate the fault cause on the sub-layer MEP and resolve this root cause issue.		

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Table 7-49 MobileConnectorDown

Alarm	Attributes	Applicable major releases
Name: MobileConnectorDown (1064) Type: EpcAlarm (59) Package: Iteservice Raised on class: Iteservice.MobileServiceConnector	Severity: minor Implicitly cleared: true Default probable cause: EpcDown (519)	<ul style="list-style-type: none"> • 4.0.0 • 5.0.0 • 6.0.0 • 7.0.0
Description: The alarm is raised when the 5620 SAM no longer manages the EPS path instance of this mobile service site. As a result, the service must be regenerated.		
Raising condition: ('EPS Path' EQUAL '\')		
Clearing condition: ('EPS Path' NOT EQUAL '\')		
Remedial action: The underlying transport network has gone down resulting in the deletion of a mobile service connector (EPS path). Correct the issue with the transport network and regenerate the mobile service connector by clicking on the re-calculate button on the mobile service properties form.		

Table 7-50 MvrConfiguredFromVplsNotExist

Alarm	Attributes	Applicable major releases
Name: MvrConfiguredFromVplsNotExist (219) Type: configurationAlarm (11) Package: vpls Raised on classes: <ul style="list-style-type: none"> • vpls.L2AccessInterfaceMldMvrCfg • vpls.L2AccessInterfaceMvrCfg 	Severity: warning Implicitly cleared: true Default probable cause: MvrConfiguredFromVplsNotExist (164)	<ul style="list-style-type: none"> • 5.0.0 • 6.0.0 • 7.0.0
Description: The alarm is raised when an MVR source is an MVR VPLS that does not exist. The alarm clears when the MVR VPLS is created.		
Raising condition: ('fromVplsExists' EQUAL 'false')		
Clearing condition: (('fromVplsExists' EQUAL 'true') OR ('fromVplsId' EQUAL '0L'))		
Remedial action: Create the missing MVR VPLS.		

Table 7-51 MvrConfiguredProxySapNotExist

Alarm	Attributes	Applicable major releases
Name: MvrConfiguredProxySapNotExist (220) Type: configurationAlarm (11) Package: vpls Raised on classes: <ul style="list-style-type: none"> • vpls.L2AccessInterfaceMldMvrCfg • vpls.L2AccessInterfaceMvrCfg 	Severity: warning Implicitly cleared: true Default probable cause: MvrConfiguredProxySapNotExist (165)	<ul style="list-style-type: none"> • 5.0.0 • 6.0.0 • 7.0.0
Description: The alarm is raised when a configured MVR proxy SAP does not exist. The alarm clears when the proxy SAP is created.		

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Alarm	Attributes	Applicable major releases
Raising condition: ('proxySapExists' EQUAL 'false')		
Clearing condition: ('proxySapExists' EQUAL 'true')		
Remedial action: Create the missing proxy SAP.		

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Table 7-52 MvrSiteDown

Alarm	Attributes	Applicable major releases
Name: MvrSiteDown (162) Type: ProtocolAlarm (1) Package: layer2 Raised on class: layer2.MvrSite	Severity: warning Implicitly cleared: true Default probable cause: protocolDown (1)	<ul style="list-style-type: none"> • 4.0.0 • 5.0.0 • 6.0.0 • 7.0.0
Description: The alarm is raised when MVR is disabled on an NE and a TLS VLAN or MVR VLAN service is provisioned on the NE.		
Raising condition: ('MVR Admin Status' EQUAL 'Disabled')		
Clearing condition: ('MVR Admin Status' EQUAL 'Enabled')		
Remedial action: To clear the alarm, enable MVR Admin Status under the Bridge Instance.		

Table 7-53 NeManagementAndTrapManagementMismatch

Alarm	Attributes	Applicable major releases
Name: NeManagementAndTrapManagementMismatch (1079) Type: communicationsAlarm (4) Package: netw Raised on class: netw.NetworkElement	Severity: warning Implicitly cleared: true Default probable cause: neManagementChange (817)	<ul style="list-style-type: none"> • 4.0.0 • 5.0.0 • 6.0.0 • 7.0.0
Description: This user-defined alarm is raised when the NE configuration is one of the following: - The Active Management IP is set to Out Of Band, and the Primary Route Preference is set to In Band. - The Active Management IP is set to In Band, and the Primary Route Preference is set to Out of Band.		
Raising condition: (((('Active Management IP' EQUAL 'In Band') AND (('Management IP Selection' EQUAL 'In Band Preferred') OR ('Management IP Selection' EQUAL 'In Band Only'))) AND ('Primary Route Preference' EQUAL 'Out Of Band') AND ('Secondary Route Preference' EQUAL 'In Band')) OR (('Active Management IP' EQUAL 'Out Of Band') AND (('Management IP Selection' EQUAL 'Out Of Band Preferred') OR ('Management IP Selection' EQUAL 'Out Of Band Only'))) AND ('Primary Route Preference' EQUAL 'In Band') AND ('Secondary Route Preference' EQUAL 'Out Of Band'))		
Clearing condition: (((('Active Management IP' EQUAL 'In Band') AND (('Management IP Selection' EQUAL 'In Band Preferred') OR ('Management IP Selection' EQUAL 'In Band Only'))) AND ('Primary Route Preference' EQUAL 'In Band')) OR (('Active Management IP' EQUAL 'Out Of Band') AND (('Management IP Selection' EQUAL 'Out Of Band Preferred') OR ('Management IP Selection' EQUAL 'Out Of Band Only'))) AND ('Primary Route Preference' EQUAL 'Out Of Band'))		
Remedial action: A configuration error has been made which must be corrected. The parameters described in the description for this alarm must match.		

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Table 7-54 NewSsh2ServerKeyDetected

Alarm	Attributes	Applicable major releases
Name: NewSsh2ServerKeyDetected (285) Type: communicationsAlarm (4) Package: security Raised on class: security.KnownHostKey	Severity: warning Implicitly cleared: true Default probable cause: ssh2ServerKeyMismatch (217)	<ul style="list-style-type: none"> • 4.0.0 • 5.0.0 • 6.0.0 • 7.0.0
Description: The alarm is raised when a 5620 SAM main server detects a new public SSH key.		
Raising condition: ('SSH2 Server Key Status' EQUAL 'Mismatch SSH2 Host Key')		
Clearing condition: ('SSH2 Server Key Status' EQUAL 'Active SSH2 Host Key')		
Remedial action: Informational - possible security breach. The SSH key of the router is different from the one known to the SAM server.		

Table 7-55 NodeDatabaseFallbackDetected

Alarm	Attributes	Applicable major releases
Name: NodeDatabaseFallbackDetected (2923) Type: communicationsAlarm (4) Package: netw Raised on class: netw.NetworkElement	Severity: major Implicitly cleared: true Default probable cause: nodeDatabaseFallback (1121)	<ul style="list-style-type: none"> • 4.0.0 • 5.0.0 • 6.0.0 • 7.0.0
Description: The alarm is raised when a configuration fallback is detected on the node and comes back up with a previous configuration. To correct this situation it might be necessary to reconfigure the node, or perform full resync its database with the 'fallback' configuration returned by the node.		
Raising condition: ('State' EQUAL 'Node Configuration Fallback')		
Clearing condition: ('State' EQUAL 'Managed')		
Remedial action: the NE has come back to a previous configuration. Perform a manual Full Resync or a Reconfigure of the NE		

Table 7-56 NodeDatabaseMisalignmentDetected

Alarm	Attributes	Applicable major releases
Name: NodeDatabaseMisalignmentDetected (2924) Type: communicationsAlarm (4) Package: netw Raised on class: netw.NetworkElement	Severity: major Implicitly cleared: true Default probable cause: nodeDatabaseMisalignment (1122)	<ul style="list-style-type: none"> • 4.0.0 • 5.0.0 • 6.0.0 • 7.0.0
Description: The alarm is raised when a configuration misalignment has been detected on the node and comes back up with an unexpected configuration (configuration change triggered by external tool) To correct this situation it might be necessary to reconfigure the node with the 5620 SAM's old configuration or accept the new configuration received from the node.		
Raising condition: ('State' EQUAL 'Node Configuration Misalignment')		
Clearing condition: ('State' EQUAL 'Managed')		
Remedial action: the NE configuration is misaligned. Perform a resync in order to update SAM configuration according to the NE.		

Table 7-57 NodeRebooted

Alarm	Attributes	Applicable major releases
Name: NodeRebooted (32) Type: equipmentAlarm (3) Package: netw Raised on class: netw.NetworkElement	Severity: warning Implicitly cleared: false Default probable cause: nodeReboot (25)	<ul style="list-style-type: none"> • 4.0.0 • 5.0.0 • 6.0.0 • 7.0.0
Description: The alarm is raised when the 5620 SAM detects an NE reboot based on the latest NE sysUpTime value.		
Remedial action: Informational - if the alarm persists please contact Alcatel-Lucent support for assistance		

Table 7-58 NodeSuspended

Alarm	Attributes	Applicable major releases
Name: NodeSuspended (5123) Type: communicationsAlarm (4) Package: netw Raised on class: netw.NetworkElement	Severity: critical Implicitly cleared: true Default probable cause: NodeSuspend (2057)	<ul style="list-style-type: none"> • 4.0.0 • 5.0.0 • 6.0.0 • 7.0.0
Description: The alarm is raised when the 5620 SAM detects an NE moved to suspend state as per user request.		
Raising condition: ('SNMP Reachability' EQUAL 'Suspended')		
Clearing condition: ('SNMP Reachability' NOT EQUAL 'Suspended')		
Remedial action: This alarm is raised when user suspends the network element. The alarm will be cleared when the network element is managed back.		

Table 7-59 NTPOperDown

Alarm	Attributes	Applicable major releases
Name: NTPOperDown (4879) Type: communicationsAlarm (4) Package: ntp Raised on class: ntp.NTP	Severity: info Implicitly cleared: true Default probable cause: NTPOperDown (1943)	<ul style="list-style-type: none"> • 5.0.0 • 6.0.0 • 7.0.0
Description: The alarm is generated when the NTP Operational State is down for NTP.		
Raising condition: (('Operational State' EQUAL 'Down') AND ('NTP State' EQUAL 'Enabled'))		
Clearing condition: (('Operational State' EQUAL 'Up') OR ('NTP State' EQUAL 'Disabled'))		
Remedial action: Please check if NTP is administratively enabled (Admin State in NTP General Tab). If admin state down, enable it to make NTP operationally up.		

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Table 7-60 OrphanNodeDetected

Alarm	Attributes	Applicable major releases
Name: OrphanNodeDetected (4866) Type: discoveryControlAlarm (33) Package: netw Raised on class: netw.AdvertisedNode	Severity: major Implicitly cleared: true Default probable cause: nodeNotMangedByAnyEms (1934)	<ul style="list-style-type: none"> • 4.0.0 • 5.0.0 • 6.0.0 • 7.0.0
Description: The alarm is raised when node is node managed by any EMS after n retries(threshold crossed) it is manually cleared by the operator or when the node is discovered.		
Raising condition: ('State' EQUAL 'Orphan')		
Remedial action: The NE is not managed by any SAM.Add an discovery rule in order to managed it.		

Table 7-61 OverTemperatureDetected

Alarm	Attributes	Applicable major releases
Name: OverTemperatureDetected (388) Type: environmentalAlarm (2) Package: equipment Raised on class: equipment.Shelf	Severity: major Implicitly cleared: true Default probable cause: equipmentOverheated (5)	<ul style="list-style-type: none"> • 4.0.0 • 5.0.0 • 6.0.0 • 7.0.0
Description: The alarm is raised when the chassis temperature exceeds the maximum threshold value.		
Raising condition: ('Over Temperature State' EQUAL 'Over')		
Clearing condition: ('Over Temperature State' NOT EQUAL 'Over')		
Remedial action: The NE has detected internal temperatures which are abnormally high. This could be caused by a failed fan unit or one or more dirty fan filters. Replacing the failed unit or filters should resolve the problem. Alternately the environment that the NE is operating in may not be within specifications found in the NE user guides.		

Table 7-62 PartialResyncProblem

Alarm	Attributes	Applicable major releases
Name: PartialResyncProblem (4401) Type: communicationsAlarm (4) Package: netw Raised on class: netw.NetworkElement	Severity: warning Implicitly cleared: true Default probable cause: partialResyncProblem (1578)	<ul style="list-style-type: none"> • 4.0.0 • 5.0.0 • 6.0.0 • 7.0.0
Description: The alarm is raised when a partial resync on an NE fails. For example, when resyncing only some MIB entries as opposed to a full resync. The periodic reachability test (sysUpTime) is not considered a partial resync, neither is a full resync. However, a PartialResyncProblem alarm can only be reset by a FullResync.		
Raising condition: ('partialResyncStatus' EQUAL 'Partial Resync Failed')		
Clearing condition: ('partialResyncStatus' EQUAL 'Partial Resync Done')		

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Alarm	Attributes	Applicable major releases
Remedial action: Informational - if the alarm persists or is occurring frequently then investigation is required to understand a) why the underlying transport network is unreliable or b) why the NE is too busy to respond to 5620 SAM or c) has SNMP been disabled on the NE.		

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Table 7-63 PersistentIndexParametersMisconfigured

Alarm	Attributes	Applicable major releases
Name: PersistentIndexParametersMisconfigured (173) Type: configurationAlarm (11) Package: netw Raised on class: netw.NetworkElement	Severity: major Implicitly cleared: true Default probable cause: persistentIndexConfigurationMismatch (136)	<ul style="list-style-type: none"> • 4.0.0 • 5.0.0 • 6.0.0 • 7.0.0
Description: The alarm is raised when persistence is set to Off in the NE BOF.		
Raising condition: (('Persistent SNMP Indices' EQUAL 'False') OR (('hasRedundantProcessorCards' EQUAL 'true') AND ('Redundant Synchronization Mode' EQUAL 'None')))		
Clearing condition: (('Persistent SNMP Indices' EQUAL 'True') AND (('hasRedundantProcessorCards' EQUAL 'false') OR ('Redundant Synchronization Mode' NOT EQUAL 'None')))		
Remedial action: A configuration error has occurred that must be corrected. Use the CLI on the NE to enable persistency in the BOF. The discovery process will complete on the next discovery scan. A re-scan can be triggered immediately for the NE from within the discovery manager		

Table 7-64 PollerProblem

Alarm	Attributes	Applicable major releases
Name: PollerProblem (31) Type: communicationsAlarm (4) Package: netw Raised on class: netw.NetworkElement	Severity: warning Implicitly cleared: true Default probable cause: resyncFailed (24)	<ul style="list-style-type: none"> • 4.0.0 • 5.0.0 • 6.0.0 • 7.0.0
Description: The alarm is raised when the 5620 SAM is unable to poll a network object, for example, because of intermittent or no IP connectivity to an NE, incorrect SNMP security parameters, or disabled SNMP on the NE.		
Raising condition: ('Resync Status' EQUAL 'Full Resync Failed')		
Clearing condition: ('Resync Status' EQUAL 'Full Resync Done')		
Remedial action: Informational - if the alarm persists or is occurring frequently then investigation is required to understand a) why the underlying transport network is unreliable or b) why the NE is too busy to respond to 5620 SAM or c) has SNMP been disabled on the NE. Once the issue has been resolved SAM will automatically re-attempt.		

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Table 7-65 PortEtherSymMonSDAlarm

Alarm	Attributes	Applicable major releases
Name: PortEtherSymMonSDAlarm (5662) Type: communicationsAlarm (4) Package: ethernetequipment Raised on class: ethernetequipment.EthernetPortSpecifics	Severity: major Implicitly cleared: true Default probable cause: etherPortSymMonSDThresholdExceededAlarm (2439)	<ul style="list-style-type: none"> • 4.0.0 • 5.0.0 • 6.0.0 • 7.0.0
Description: The alarm is raised when an Ethernet port Symbol Monitor Failure alarm condition is detected (Signal Degradation Threshold exceeded).		
Raising condition: ('Symbol Alarm Reason' EQUAL 'SD Threshold Exceeded')		
Clearing condition: ('Symbol Alarm Reason' NOT EQUAL 'SD Threshold Exceeded')		
Remedial action: Symbol monitor signal degradation alarm could be cleared by changing/disabling the associated threshold/multiplier values or it is self clearing and will clear once the error rate drops below 1/10th of the configured rate.		

Table 7-66 PortEtherSymMonSFAlarm

Alarm	Attributes	Applicable major releases
Name: PortEtherSymMonSFAlarm (5663) Type: communicationsAlarm (4) Package: ethernetequipment Raised on class: ethernetequipment.EthernetPortSpecifics	Severity: major Implicitly cleared: true Default probable cause: etherPortSymMonSFThresholdExceededAlarm (2440)	<ul style="list-style-type: none"> • 4.0.0 • 5.0.0 • 6.0.0 • 7.0.0
Description: The alarm is raised when an Ethernet port Symbol Monitor Failure alarm condition is detected (Signal Failure Threshold exceeded).		
Raising condition: ('Symbol Alarm Reason' EQUAL 'SF Threshold Exceeded')		
Clearing condition: ('Symbol Alarm Reason' NOT EQUAL 'SF Threshold Exceeded')		
Remedial action: Symbol monitor signal failure alarm could be cleared by changing/disabling the associated threshold/multiplier values or by taking the port out of service (eg. shutdown, card/mda reset, physical link loss).		

Table 7-67 PowerSupplyFailure

Alarm	Attributes	Applicable major releases
Name: PowerSupplyFailure (633) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.PowerSupplyTray	Severity: critical Implicitly cleared: true Default probable cause: powerSupplyFailure (117)	<ul style="list-style-type: none"> • 4.0.0 • 5.0.0 • 6.0.0 • 7.0.0
Description: The alarm is raised when a power-supply tray reports a failure. When the alarm is raised during device discovery, a power-supply tray may be out of service. When the alarm is raised while the device is in the managed state, a power-supply tray may be out of service or the AC power shelf has a fault condition. The alarm clears when the status changes to OK.		
Raising condition: (('Power Supply 1 Status' EQUAL 'Not Equipped') OR ('Power Supply 1 Status' EQUAL 'Failed'))		

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Alarm	Attributes	Applicable major releases
Clearing condition: (('Power Supply 1 Status' EQUAL 'OK'))		
Remedial action: Ensure that the NE is properly connected to power. If the problem persists please contact Alcatel-Lucent support for assistance.		

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Table 7-68 PowerSupplyInputFeedDown

Alarm	Attributes	Applicable major releases
Name: PowerSupplyInputFeedDown (5422) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.PowerSupplyTray	Severity: minor Implicitly cleared: true Default probable cause: powerSupplyInputFeedDown (2073)	<ul style="list-style-type: none"> • 4.0.0 • 5.0.0 • 6.0.0 • 7.0.0
Description: This alarm is generated if any one of the input feeds for a given power supply is not supplying power.		
Raising condition: (('inputFeedStatus' EQUAL 'Input A Down') OR ('inputFeedStatus' EQUAL 'Input B Down') OR (('inputFeedStatus'allBits'Input A Down') AND ('inputFeedStatus'allBits'Input B Down'))		
Clearing condition: ('inputFeedStatus' EQUAL 'None')		
Remedial action: Restore all of the input feeds that are not supplying power.		

Table 7-69 PowerSupplyRemoved

Alarm	Attributes	Applicable major releases
Name: PowerSupplyRemoved (542) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.PowerSupplyTray	Severity: major Implicitly cleared: true Default probable cause: PowerSupplyRemoved (415)	<ul style="list-style-type: none"> • 4.0.0 • 5.0.0 • 6.0.0 • 7.0.0
Description: The alarm is raised when a chassis power supply is removed.		
Raising condition: ('Power Supply 1 Status' EQUAL 'Not Equipped')		
Clearing condition: ('Power Supply 1 Status' NOT EQUAL 'Not Equipped')		
Remedial action: To recover from this event, the customer is requested to add a new power supply to the system, or change a faulty power supply with a working one.		

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Table 7-70 PppLoopbackDetected

Alarm	Attributes	Applicable major releases
Name: PppLoopbackDetected (362) Type: configurationAlarm (11) Package: ppp Raised on class: ppp.Interface	Severity: major Implicitly cleared: true Default probable cause: PppLoopbackDetected (259)	<ul style="list-style-type: none"> • 4.0.0 • 5.0.0 • 6.0.0 • 7.0.0
Description: The alarm is raised when the value of tmnxPppLocalMagicNumber is the same as the value of tmnxPppRemoteMagicNumber, which indicates that the link may be looped back.		
Raising condition: (('Local Magic Number' EQUAL 'Remote Magic Number') AND ('Local Magic Number' NOT EQUAL '0L'))		
Clearing condition: (('Local Magic Number' NOT EQUAL 'Remote Magic Number') OR ('Local Magic Number' EQUAL '0L'))		
Remedial action: Informational.		

Table 7-71 PrimaryImageBootFailure

Alarm	Attributes	Applicable major releases
Name: PrimaryImageBootFailure (191) Type: configurationAlarm (11) Package: sw Raised on class: sw.CardSoftware	Severity: warning Implicitly cleared: true Default probable cause: bootOptionFileMisconfigured (150)	<ul style="list-style-type: none"> • 4.0.0 • 5.0.0 • 6.0.0 • 7.0.0
Description: The alarm is raised when the primary software image specified in an NE BOF is unusable.		
Raising condition: (('imageSource' NOT EQUAL 'Primary') AND ('imageSource' NOT EQUAL 'Unknown'))		
Clearing condition: (('imageSource' EQUAL 'Primary') OR ('imageSource' EQUAL 'Unknown'))		
Remedial action: The SW image on the NE may have been inadvertently corrupted. Download a new copy of the SW image to the NE. If the problem persists contact Alcatel-Lucent support for assistance.		

Table 7-72 PrimaryPathLimitReached

Alarm	Attributes	Applicable major releases
Name: PrimaryPathLimitReached (457) Type: resourceAlarm (28) Package: equipment Raised on class: equipment.DaughterCard	Severity: warning Implicitly cleared: true Default probable cause: resourceLimitReached (131)	<ul style="list-style-type: none"> • 4.0.0 • 5.0.0 • 6.0.0 • 7.0.0
Description: The alarm is raised when the Ingress Multicast Path Management primary path bandwidth limit is reached.		
Raising condition: (('Primary Path Limit Override' > '0') AND ('Primary Path In use' >= (1000 * 'Primary Path Limit Override'))"		
Clearing condition: (('Primary Path Limit Override' > '0') AND ('Primary Path In use' < (1000 * 'Primary Path Limit Override'))"		
Remedial action: Informational - The alarm is raised when the Ingress Multicast Path Management primary path bandwidth limit is reached. This can be remedied by modifying the primary path limit located at T1 Paths tab of the multicast bandwidth policy which assigned to the card, or increase the primary path limit override located at the Daughter Card tab under Daughter Card Slot form.		

Table 7-73 RadiusOperStatusDown

Alarm	Attributes	Applicable major releases
Name: RadiusOperStatusDown (3692) Type: radiusOperStatusDownAlarm (105) Package: netw Raised on class: netw.NetworkElement	Severity: critical Implicitly cleared: true Default probable cause: radiusOperationStatusDown (1431)	<ul style="list-style-type: none"> • 4.0.0 • 5.0.0 • 6.0.0 • 7.0.0
Description: The alarm is raised when all RADIUS servers have gone down.		
Raising condition: ('Global RADIUS Operational State' EQUAL 'Down')		
Clearing condition: ('Global RADIUS Operational State' EQUAL 'Up')		
Remedial action: Verify the RADIUS server is properly configured and radius server state is up. Check the connectivity between SAM server and radius server configured on the Network element.		

Table 7-74 ReachabilityProblem

Alarm	Attributes	Applicable major releases
Name: ReachabilityProblem (243) Type: communicationsAlarm (4) Package: netw Raised on class: netw.NetworkElement	Severity: major Implicitly cleared: true Default probable cause: ReachabilityTestFailed (176)	<ul style="list-style-type: none"> • 4.0.0 • 5.0.0 • 6.0.0 • 7.0.0
Description: The alarm is raised when a mediation poll of the SysUpTimeAlarm object on an NE fails, for example, because of network congestion or because the NE is too busy to respond. The probable cause is an unreachable NE Mediation agent on the NE. The polling interval depends on the NE type and is configurable in nms-server.xml. By default, the 5620 SAM polls a managed NE every four minutes. If a poll fails, the alarm is raised. The alarm clears when the 5620 SAM receives a response from the NE, and the 5620 SAM GUI icon that represents the NE turns from red to green.		
Raising condition: ('SNMP Reachability' EQUAL 'Down')		
Remedial action: Informational - if the alarm persists or is occurring frequently then investigation is required to understand a) why the underlying transport network is unreliable or b) why the NE is too busy to respond to 5620 SAM or c) has SNMP been disabled on the NE. Once the issue has been resolved SAM will automatically re-attempt.		

Table 7-75 ReconfigFailure

Alarm	Attributes	Applicable major releases
Name: ReconfigFailure (1949) Type: communicationsAlarm (4) Package: netw Raised on class: netw.NetworkElement	Severity: critical Implicitly cleared: true Default probable cause: failedReconfig (937)	<ul style="list-style-type: none"> • 4.0.0 • 5.0.0 • 6.0.0 • 7.0.0
Description: This alarm is raised when the reconfig action failed.		
Raising condition: ('State' EQUAL 'Failed')		
Clearing condition: ('State' NOT EQUAL 'Failed')		

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Alarm	Attributes	Applicable major releases
Remedial action: Verify that the object is configured as expected.		

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Table 7-76 RedundantMepMisconfiguration

Alarm	Attributes	Applicable major releases
Name: RedundantMepMisconfiguration (3631) Type: oamAlarm (18) Package: ethernetToam Raised on class: ethernetToam.Mep	Severity: minor Implicitly cleared: true Default probable cause: misconfiguredRedundantMep (1416)	<ul style="list-style-type: none"> • 4.0.0 • 5.0.0 • 6.0.0 • 7.0.0
Description: The alarm is raised when an Active and Redundant MEP do not have the same ID, Operational MAC Address or Sub Group configured.		
Raising condition: ('validRedundantMepConfig' EQUAL 'false')		
Clearing condition: ('validRedundantMepConfig' EQUAL 'true')		
Remedial action: MC-LAG redundant MEP configuration (MEP ID or Mac Address) for Active & Standby Interfaces do not match, this could cause issues with CFM or CCM tests if Active interface changes. Delete and Re-create Standby MEP to match Active.		

Table 7-77 RedundantMepMissing

Alarm	Attributes	Applicable major releases
Name: RedundantMepMissing (3632) Type: oamAlarm (18) Package: ethernetToam Raised on class: ethernetToam.Mep	Severity: minor Implicitly cleared: true Default probable cause: missingRedundantMep (1417)	<ul style="list-style-type: none"> • 4.0.0 • 5.0.0 • 6.0.0 • 7.0.0
Description: The alarm is raised when a MEP misses a redundant counterpart on LAG or SAP.		
Raising condition: (('MC-LAG Inactive' NOT EQUAL 'Not Applicable') AND ('Redundant MEP' EQUAL '\'))		
Clearing condition: (('MC-LAG Inactive' EQUAL 'Not Applicable') OR (('MC-LAG Inactive' NOT EQUAL 'Not Applicable') AND ('Redundant MEP' NOT EQUAL '\')))		
Remedial action: MC-LAG redundant MEP is missing Active & Standby Interfaces, this will cause issues with CFM or CCM tests if Active interface changes. Create missing Active/Standby MEP to match existing.		

Table 7-78 RemoteMepCCMAAlarm

Alarm	Attributes	Applicable major releases
Name: RemoteMepCCMAAlarm (502) Type: oamAlarm (18) Package: ethernetOam Raised on class: ethernetOam.Mep	Severity: major Implicitly cleared: true Default probable cause: missingRemoteMep (388)	<ul style="list-style-type: none"> • 4.0.0 • 5.0.0 • 6.0.0 • 7.0.0
Description: The alarm is raised when a MEP loses connectivity with one or more remote MEPs. The Remote MEP DB State tab on a MEP lists the missing remote MEPs.		
Raising condition: ('High-Priority Defect' NOT EQUAL '0')		
Clearing condition: ('High-Priority Defect' EQUAL '0')		
Remedial action: MEP has lost communication with Remote MEP defined in Maintenance Association (MEG) Remote MEP list, Either Remote MEP list is incorrect or diagnose connection fault and resolve.		

Table 7-79 SaveConfigFailed

Alarm	Attributes	Applicable major releases
Name: SaveConfigFailed (105) Type: configurationAlarm (11) Package: sw Raised on class: sw.BackupRestoreManager	Severity: major Implicitly cleared: true Default probable cause: fileAccessError (90)	<ul style="list-style-type: none"> • 4.0.0 • 5.0.0 • 6.0.0 • 7.0.0
Description: The alarm is raised when the admin save command on an NE fails.		
Raising condition: ('Config Save State' EQUAL 'Failure')		
Clearing condition: ('Config Save State' EQUAL 'Success')		
Remedial action: Attempt the admin save command a second time. If the problem persists please contact Alcatel-Lucent support for assistance.		

Table 7-80 ScheduledPollerProblem

Alarm	Attributes	Applicable major releases
Name: ScheduledPollerProblem (4386) Type: communicationsAlarm (4) Package: netw Raised on class: netw.NetworkElement	Severity: warning Implicitly cleared: true Default probable cause: scheduledResyncFailed (1569)	<ul style="list-style-type: none"> • 4.0.0 • 5.0.0 • 6.0.0 • 7.0.0
Description: The alarm is raised when the 5620 SAM is unable to poll a network object, for example, because of intermittent or no IP connectivity to an NE, incorrect SNMP security parameters, or disabled SNMP on the NE.		
Raising condition: ('Scheduled Resync Status' EQUAL 'Scheduled Resync Failed')		
Clearing condition: ('Scheduled Resync Status' EQUAL 'Scheduled Resync Done')		

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Alarm	Attributes	Applicable major releases
Remedial action: Informational - if the alarm persists or is occurring frequently then investigation is required to understand a) why the underlying transport network is unreliable or b) why the NE is too busy to respond to 5620 SAM or c) has SNMP been disabled on the NE. Once the issue has been resolved SAM will automatically re-attempt.		

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Table 7-81 SecondaryPathLimitReached

Alarm	Attributes	Applicable major releases
Name: SecondaryPathLimitReached (458) Type: resourceAlarm (28) Package: equipment Raised on class: equipment.DaughterCard	Severity: warning Implicitly cleared: true Default probable cause: resourceLimitReached (131)	<ul style="list-style-type: none"> • 4.0.0 • 5.0.0 • 6.0.0 • 7.0.0
Description: The alarm is raised when the Ingress Multicast Path Management secondary path bandwidth limit is reached.		
Raising condition: (('Secondary Path Limit Override' > '0') AND ('Secondary Path In use' >= (1000 * 'Secondary Path Limit Override'))"		
Clearing condition: (('Secondary Path Limit Override' > '0') AND ('Secondary Path In use' < (1000 * 'Secondary Path Limit Override'))"		
Remedial action: Informational - The alarm is raised when the Ingress Multicast Path Management secondary path bandwidth limit is reached. This can be remedied by modifying the secondary path limit located at T1 Paths tab of the multicast bandwidth policy which assigned to the card, or increase the secondary path limit override located at the Daughter Card tab under Daughter Card Slot form.		

Table 7-82 ServiceSiteDown

Alarm	Attributes	Applicable major releases
Name: ServiceSiteDown (97) Type: serviceAlarm (16) Package: service Raised on class: service.Site	Severity: critical Implicitly cleared: true Default probable cause: siteDown (83)	<ul style="list-style-type: none"> • 4.0.0 • 5.0.0 • 6.0.0 • 7.0.0
Description: The alarm is raised when all SAPs on a site are operationally down, or when the service tunnels for the site are operationally down.		
Raising condition: (('Operational State' NOT EQUAL 'Up') AND ('State Cause' NOT EQUAL 'All Spoke SDP Bindings are Standby'))"		
Clearing condition: (('Operational State' EQUAL 'Up') OR ('State Cause' EQUAL 'All Spoke SDP Bindings are Standby'))"		
Remedial action: The network resources (i.e. physical ports for SAPs, or physical ports/LSP) associated with the service site should be examined to determine if/why they are operationally down. The underlying transport network supporting the site may also be unreliable.		

Table 7-83 StatsRetrieveFailed

Alarm	Attributes	Applicable major releases
Name: StatsRetrieveFailed (244) Type: configurationAlarm (11) Package: sw Raised on class: sw.AccountingStatsRetrievalManager	Severity: major Implicitly cleared: false Default probable cause: fileTransferFailure (89)	<ul style="list-style-type: none"> • 4.0.0 • 5.0.0 • 6.0.0 • 7.0.0
Description: The alarm is raised when the 5620 SAM main or auxiliary server cannot transfer an accounting file from an NE.		
Raising condition: (('Stats Retrieval State' NOT EQUAL 'Success') AND ('Stats Retrieval State' NOT EQUAL 'Not Attempted'))		
Remedial action: Informational - if the alarm persists or is occurring frequently then investigation is required to understand a) why the underlying transport network is unreliable or b) why the NE is too busy or otherwise cannot respond to the 5620 SAM main or auxiliary server.		

Table 7-84 StpExceptionCondition

Alarm	Attributes	Applicable major releases
Name: StpExceptionCondition (297) Type: AccessInterfaceAlarm (32) Package: I2fwd Raised on class: I2fwd.AccessInterfaceStp	Severity: major Implicitly cleared: true Default probable cause: StpException (228)	<ul style="list-style-type: none"> • 4.0.0 • 5.0.0 • 6.0.0 • 7.0.0
Description: The alarm is raised when a SAP detects an STP exception condition, for example, one-way communication or a downstream loop. The alarm clears when the STP condition changes.		
Raising condition: (('STP Exception Condition' NOT EQUAL 'None') AND ('Administrative State' EQUAL 'Up'))		
Clearing condition: (('STP Exception Condition' EQUAL 'None') OR ('Administrative State' EQUAL 'Down'))		
Remedial action: Check 'STP Exception Condition' field for more details and fix the STP exception.		

Table 7-85 StpRootGuardViolation

Alarm	Attributes	Applicable major releases
Name: StpRootGuardViolation (503) Type: AccessInterfaceAlarm (32) Package: I2fwd Raised on class: I2fwd.AccessInterfaceStp	Severity: warning Implicitly cleared: true Default probable cause: spanningTreeTopologyChanged (331)	<ul style="list-style-type: none"> • 4.0.0 • 5.0.0 • 6.0.0 • 7.0.0
Description: The alarm is raised when a SAP detects an STP root guard violation.		
Raising condition: ('Root Guard Violation' EQUAL 'true')		
Clearing condition: ('Root Guard Violation' NOT EQUAL 'true')		
Remedial action: Set 'Root Guard' to false if not necessary.		

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Table 7-86 SubscriberSystemNextHopUsageHigh

Alarm	Attributes	Applicable major releases
Name: SubscriberSystemNextHopUsageHigh (5157) Type: thresholdCrossed (6) Package: netw Raised on class: netw.NetworkElement	Severity: minor Implicitly cleared: true Default probable cause: resourceFull (53)	<ul style="list-style-type: none"> • 4.0.0 • 5.0.0 • 6.0.0 • 7.0.0
Description: The alarm is raised when the IP next-hop usage by subscriber managed routes reaches its high watermark, cleared when it reaches its low watermark again; the watermarks are derived from the limit specified with the property subSysNextHopLimit.		
Raising condition: ('IP Next Hop Usage High' EQUAL 'true')		
Clearing condition: ('IP Next Hop Usage High' EQUAL 'false')		
Remedial action: The alarm is raised when the IP next-hop usage by subscriber managed routes reaches its high watermark, cleared when it reaches its low watermark again; the watermarks are derived from the limit specified with the property subSysNextHopLimit. There is no immediate effect, but when the usage actually hits the limit, new hosts will not get their managed routes.		

Table 7-87 SubSysChassMemoryUsageHi

Alarm	Attributes	Applicable major releases
Name: SubSysChassMemoryUsageHi (5656) Type: thresholdCrossed (6) Package: equipment Raised on class: equipment.Shelf	Severity: minor Implicitly cleared: true Default probable cause: resourceFull (53)	<ul style="list-style-type: none"> • 4.0.0 • 5.0.0 • 6.0.0 • 7.0.0
Description: This alarm is raised when the memory usage by subscriber management on this system or chassis reaches its high watermark ('true').		
Raising condition: ('Memory Usage High' EQUAL 'True')		
Clearing condition: (('Memory Usage High' EQUAL 'False') OR ('Memory Usage High' EQUAL 'unspecified'))		
Remedial action: The memory usage by subscriber management on this system has reached its high watermark. Please check your memory usage.		

Table 7-88 TemperatureThresholdCrossed

Alarm	Attributes	Applicable major releases
Name: TemperatureThresholdCrossed (7) Type: environmentalAlarm (2) Package: equipment Raised on class: equipment.Environment	Severity: major Implicitly cleared: true Default probable cause: equipmentOverheated (5)	<ul style="list-style-type: none"> • 4.0.0 • 5.0.0 • 6.0.0 • 7.0.0
Description: The alarm is raised when a temperature crosses a threshold.		
Raising condition: ('temperatureThresholdCrossed' EQUAL 'true')		

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Alarm	Attributes	Applicable major releases
Clearing condition: ('temperatureThresholdCrossed' EQUAL 'false')		
Remedial action: The NE has detected internal temperatures which are abnormally high. This could be caused by a failed fan unit or one or more dirty fan filters. Replacing the failed unit or filters should resolve the problem. Alternately the environment that the NE is operating in may not be within specifications found in the NE user guides.		

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Table 7-89 TmxEqPortEtherLoopDetected

Alarm	Attributes	Applicable major releases
Name: TmxEqPortEtherLoopDetected (461) Type: portEtherLoopDetected (48) Package: ethernetequipment Raised on class: ethernetequipment.EthernetPortSpecifics	Severity: major Implicitly cleared: true Default probable cause: HighBer (238)	<ul style="list-style-type: none"> • 4.0.0 • 5.0.0 • 6.0.0 • 7.0.0
Description: The alarm is raised when a device detects a physical loop on an Ethernet port.		
Raising condition: (('Down When Looped Status' EQUAL 'Loop Detected'))		
Clearing condition: (('Down When Looped Status' EQUAL 'No Loop Detected'))		
Remedial action: An Ethernet port has been mis-cabled - please remove the loopback cable on the port.		

Table 7-90 TrapDestinationMisconfigured

Alarm	Attributes	Applicable major releases
Name: TrapDestinationMisconfigured (33) Type: configurationAlarm (11) Package: netw Raised on class: netw.NetworkElement	Severity: major Implicitly cleared: true Default probable cause: trapDestinationMisconfigured (26) Applicable probable causes: <ul style="list-style-type: none"> • trapDestinationMisconfigured • duplicateTrapLogId 	<ul style="list-style-type: none"> • 4.0.0 • 5.0.0 • 6.0.0 • 7.0.0
Description: The alarm is raised when the 5620 SAM cannot be added to the NE's SNMP trap destinations.		
Raising condition: ('isTrapDestinationMisconfigured' EQUAL 'true')		
Clearing condition: ('isTrapDestinationMisconfigured' EQUAL 'false')		
Remedial action: A configuration error has been made which must be corrected. The SNMP trap destination on the NE must be configured to the IP address of the SAM server.		

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Table 7-91 TrapReceivingFailure

Alarm	Attributes	Applicable major releases
Name: TrapReceivingFailure (1083) Type: communications (87) Package: netw Raised on class: netw.NetworkElement	Severity: major Implicitly cleared: false Default probable cause: trapsWillNotBeSent (822)	<ul style="list-style-type: none"> • 4.0.0 • 5.0.0 • 6.0.0 • 7.0.0
Description: This user-defined alarm is raised when the NE is unable to send traps because the NE configuration is one of the following: - The Management IP Selection is set to Out Of Band Only, the Primary Route Preference is set to In Band, and the Secondary Route Preference is set to None. - The Management IP Selection is set to In Band Only, the Primary Route Preference is set to Out Of Band, and the Secondary Route Preference is set to None.		
Raising condition: (((('Active Management IP' EQUAL 'In Band') AND ('Management IP Selection' EQUAL 'In Band Only') AND ('Primary Route Preference' EQUAL 'Out Of Band') AND ('Secondary Route Preference' EQUAL 'None')) OR (('Active Management IP' EQUAL 'Out Of Band') AND ('Management IP Selection' EQUAL 'Out Of Band Only') AND ('Primary Route Preference' EQUAL 'In Band') AND ('Secondary Route Preference' EQUAL 'None')) OR (('Active Management IP' EQUAL 'Out Of Band') AND ('Management IP Selection' EQUAL 'In Band Preferred') AND ('Primary Route Preference' EQUAL 'In Band') AND ('Secondary Route Preference' EQUAL 'None')) OR (('Active Management IP' EQUAL 'In Band') AND ('Management IP Selection' EQUAL 'Out Of Band Preferred') AND ('Primary Route Preference' EQUAL 'Out Of Band') AND ('Secondary Route Preference' EQUAL 'None'))))		
Clearing condition: (((('Active Management IP' EQUAL 'In Band') AND ('Management IP Selection' EQUAL 'In Band Only') AND (('Primary Route Preference' EQUAL 'In Band') OR ('Secondary Route Preference' EQUAL 'In Band')) OR (('Active Management IP' EQUAL 'Out Of Band') AND ('Management IP Selection' EQUAL 'Out Of Band Only') AND (('Primary Route Preference' EQUAL 'Out Of Band') OR ('Secondary Route Preference' EQUAL 'Out Of Band')) OR (('Active Management IP' EQUAL 'Out Of Band') AND ('Management IP Selection' EQUAL 'In Band Preferred') AND (('Primary Route Preference' EQUAL 'Out Of Band') OR ('Secondary Route Preference' EQUAL 'Out Of Band')) OR (('Active Management IP' EQUAL 'In Band') AND ('Management IP Selection' EQUAL 'In Band Preferred') AND (('Primary Route Preference' EQUAL 'In Band') OR ('Secondary Route Preference' EQUAL 'In Band')) OR (('Active Management IP' EQUAL 'In Band') AND ('Management IP Selection' EQUAL 'Out Of Band Preferred') AND (('Primary Route Preference' EQUAL 'In Band') OR ('Secondary Route Preference' EQUAL 'In Band')) OR (('Active Management IP' EQUAL 'Out Of Band') AND ('Management IP Selection' EQUAL 'Out Of Band Preferred') AND (('Primary Route Preference' EQUAL 'Out Of Band') OR ('Secondary Route Preference' EQUAL 'Out Of Band'))))		
Remedial action: A configuration error has been made which must be corrected. The configuration error must be corrected per the discussion in the description for this alarm.		

Table 7-92 TrapRoutePreferenceRedundancyMissing

Alarm	Attributes	Applicable major releases
Name: TrapRoutePreferenceRedundancyMissing (1084) Type: communications (87) Package: netw Raised on class: netw.NetworkElement	Severity: warning Implicitly cleared: true Default probable cause: trapsRedundancyMissing (823)	<ul style="list-style-type: none"> • 4.0.0 • 5.0.0 • 6.0.0 • 7.0.0
Description: The user-defined alarm is raised when NE management redundancy is configured without trap route preference redundancy.		
Raising condition: (((('Management IP Selection' EQUAL 'In Band Preferred') AND ('Active Management IP' EQUAL 'In Band') AND ('Primary Route Preference' EQUAL 'In Band') AND ('Secondary Route Preference' EQUAL 'None')) OR (('Management IP Selection' EQUAL 'Out Of Band Preferred') AND ('Active Management IP' EQUAL 'Out Of Band') AND ('Primary Route Preference' EQUAL 'Out Of Band') AND ('Secondary Route Preference' EQUAL 'None'))))		
Clearing condition: (((('Management IP Selection' EQUAL 'In Band Preferred') AND ('Active Management IP' EQUAL 'In Band') AND ('Secondary Route Preference' NOT EQUAL 'None')) OR (('Management IP Selection' EQUAL 'Out Of Band Preferred') AND ('Active Management IP' EQUAL 'Out Of Band') AND ('Secondary Route Preference' NOT EQUAL 'None'))))		

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Alarm	Attributes	Applicable major releases
Remedial action: A configuration error has been made which must be corrected. The IP address of the standby SAM server must be configured on the NE in question.		

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Table 7-93 UnidentifiedNode

Alarm	Attributes	Applicable major releases
Name: UnidentifiedNode (1922) Type: communicationsAlarm (4) Package: netw Raised on class: netw.DiscoveredNode	Severity: major Implicitly cleared: true Default probable cause: unidentifiedNode (922)	<ul style="list-style-type: none"> • 4.0.0 • 5.0.0 • 6.0.0 • 7.0.0
Description: The alarm is raised when the node being discovered can not be properly identified.		
Raising condition: ('State' EQUAL 'Pending Identification')		
Clearing condition: ('State' NOT EQUAL 'Pending Identification')		
Remedial action: A configuration error has occurred that must be corrected. The eNodeB does not have a system name. The name can be configured by selecting the alarm, opening the associated properties form for the alarmed object and configuring the system name.		

Table 7-94 UnmanageFailed

Alarm	Attributes	Applicable major releases
Name: UnmanageFailed (300) Type: discoveryControlAlarm (33) Package: netw Raised on class: netw.NodeDiscoveryControl	Severity: warning Implicitly cleared: true Default probable cause: unableToDeleteNode (231)	<ul style="list-style-type: none"> • 4.0.0 • 5.0.0 • 6.0.0 • 7.0.0
Description: The alarm is raised when an attempt to unmanage an NE fails.		
Raising condition: ('Site State' EQUAL 'Unmanage Failed')		
Clearing condition: ('Site State' NOT EQUAL 'Unmanage Failed')		
Remedial action: Informational - if the alarm persists please contact Alcatel-Lucent support for assistance		

Table 7-95 UpgradedBuildVersionMismatch

Alarm	Attributes	Applicable major releases
Name: UpgradedBuildVersionMismatch (174) Type: configurationAlarm (11) Package: netw Raised on class: netw.NetworkElement	Severity: warning Implicitly cleared: true Default probable cause: upgradedImageNotBooted (137)	<ul style="list-style-type: none"> • 4.0.0 • 5.0.0 • 6.0.0 • 7.0.0

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Alarm	Attributes	Applicable major releases
Description: The alarm is raised when the software version that an NE reports after a software upgrade does not match the version of the software used for the upgrade.		
Raising condition: ('upgradedBuildVersionMismatch' EQUAL 'true')		
Clearing condition: ('upgradedBuildVersionMismatch' EQUAL 'false')		
Remedial action: Informational - if the alarm persists please contact Alcatel-Lucent support for assistance		

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Table 7-96 upgradedCardAlarm

Alarm	Attributes	Applicable major releases
Name: upgradedCardAlarm (255) Type: softwareAlarm (19) Package: equipment Raised on class: equipment.Card	Severity: warning Implicitly cleared: true Default probable cause: upgradedCard (194)	<ul style="list-style-type: none"> • 4.0.0 • 5.0.0 • 6.0.0 • 7.0.0
Description: The alarm is raised when the standby CPM is rebooted and operational after a software upgrade. A device resets an IOM automatically after 120 minutes if the IOM is not manually reset after a CPM upgrade.		
Raising condition: ('operationalState' EQUAL 'Upgrade')		
Clearing condition: ('operationalState' EQUAL 'Up')		
Remedial action: Informational - no corrective action required.		

Table 7-97 VersionConfigRestoreFailed

Alarm	Attributes	Applicable major releases
Name: VersionConfigRestoreFailed (536) Type: configurationAlarm (11) Package: sw Raised on class: sw.BackupRestoreManager	Severity: major Implicitly cleared: true Default probable cause: versionMismatch (405)	<ul style="list-style-type: none"> • 4.0.0 • 5.0.0 • 6.0.0 • 7.0.0
Description: The alarm is raised when the restore procedure on an NE fails because of a mismatch between the backup file set version and the NE software version.		
Raising condition: ('lastNmsVersionRestoreState' EQUAL 'Failure')		
Clearing condition: ('lastNmsVersionRestoreState' EQUAL 'Success')		
Remedial action: The backup files being restored do not match with the version of node software release. Download a new copy of the SW image to the NE. If the problem persists contact Alcatel-Lucent support for assistance.		

Table 7-98 VwmShelfCardIdMismatch

Alarm	Attributes	Applicable major releases
Name: VwmShelfCardIdMismatch (5660) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.VWMCARDSlot	Severity: major Implicitly cleared: true Default probable cause: VwmShelfCardIdMismatch (2437)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0
Description: The alarm is raised when the configured vwm card id is different than the equipped vwm card.		
Raising condition: ('administrativeState' EQUAL 'Up')		
Clearing condition: (('Assigned VWM Card Type' EQUAL 'Not Provisioned') OR ('Assigned VWM Card Type' EQUAL 'Not Equipped') OR ('administrativeState' EQUAL 'Down'))		
Remedial action: This alarm is raised when the detected VWM shelf card id does not match the provisioned id. Please follow the below steps to clear this alarm: a. Check the id on the rotary dial on the VWM Shelf. b. Use any of the following commands to clear the alarm. c. To change the VWM shelf id("config system vwm-shelf <shelf-id> . d. To delete an existing shelf("config system no vwm-shelf <shelf-id>").		

Table 7-99 WrongCpaaSoftwareVersion

Alarm	Attributes	Applicable major releases
Name: WrongCpaaSoftwareVersion (791) Type: equipmentAlarm (3) Package: netw Raised on class: netw.NetworkElement	Severity: critical Implicitly cleared: true Default probable cause: wrongCpaaSoftwareVersion (559)	<ul style="list-style-type: none"> • 4.0.0 • 5.0.0 • 6.0.0 • 7.0.0
Description: The alarm is raised when the 7701 CPAA software is the wrong version and requires an upgrade.		
Raising condition: (('Software Version' EQUAL '\TIMOS-B-3.0.Generic \') AND ('Chassis Type' EQUAL '7701 CPAA'))		
Clearing condition: (('Software Version' NOT EQUAL '\TIMOS-B-3.0.Generic \') AND ('Chassis Type' EQUAL '7701 CPAA'))		
Remedial action: The SW version of the CPAA must be upgraded to the version compatible with CPAM version.		

Table 7-100 XplError

Alarm	Attributes	Applicable major releases
Name: XplError (573) Type: hardwareAnomaly (55) Package: equipment Raised on class: equipment.DaughterCard	Severity: minor Implicitly cleared: true Default probable cause: xplError (443)	<ul style="list-style-type: none"> • 4.0.0 • 5.0.0 • 6.0.0 • 7.0.0
Description: The alarm is raised when an MDA reports persistent XPL Errors.		
Raising condition: ('Number Of Notifications' NOT EQUAL '0')		
Clearing condition: ('Number Of Notifications' EQUAL '0')		
Remedial action: Informational - if the condition persists then the MDA indicated in the alarm should be replaced.		

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Note — Some alarms that the 5620 SAM can raise against this device may not be listed in this chapter. Associating alarms with specific NE types is an ongoing Alcatel-Lucent effort. If the 5620 SAM raises an alarm against this device type, and the alarm is not described in this chapter, see chapter 41 for information about the alarm.

Table 8-1 AccessInterfaceDown

Alarm	Attributes	Applicable major releases
Name: AccessInterfaceDown (249) Type: AccessInterfaceAlarm (32) Package: service Raised on class: service.AccessInterface	Severity: critical Implicitly cleared: true Default probable cause: interfaceDown (32)	<ul style="list-style-type: none"> 7.0.0
Description: The alarm is raised when an L2 or L3 interface operational state is Down. The alarm is not raised against an L2 access interface that is associated with an MC ring or MC LAG in the standby state.		
Raising condition: (('Operational State' NOT EQUAL 'Up') AND ('State Cause' NOT EQUAL 'Standby For MC-Ring') AND ('State Cause' NOT EQUAL 'Standby For MC-Lag') AND ('State Cause' NOT EQUAL 'Standby For BGP Multi-homing'))		
Clearing condition: (('Operational State' EQUAL 'Up') OR ('State Cause' EQUAL 'Standby For MC-Ring') OR ('State Cause' EQUAL 'Standby For MC-Lag') OR ('State Cause' EQUAL 'Standby For BGP Multi-homing'))		
Remedial action: The condition exists because the physical interface is down either because it is administratively disabled, faulty or a cabling fault has occurred. Ensure that the interface is administratively up. Check for a poor cable connection to the port or for a faulty cable/fiber. If neither appears to be the problem run diagnostics on the port to determine if it is faulty.		

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Table 8-2 ActiveAbnormalCondition

Alarm	Attributes	Applicable major releases
Name: ActiveAbnormalCondition (3938) Type: activeAbnormalConditionAlarm (116) Package: netw Raised on class: netw.NetworkElement	Severity: major Implicitly cleared: true Default probable cause: ActiveAbnormalConditionState (1520)	<ul style="list-style-type: none"> 7.0.0
Description: The alarm is an indication for abnormal condition on NE.		
Raising condition: ('abnormalCondition' EQUAL 'true')		
Clearing condition: ('abnormalCondition' EQUAL 'false')		
Remedial action: This alarm is raised when there is a abnormal state indication on NE.		

Table 8-3 AggregatedVFLPortDown

Alarm	Attributes	Applicable major releases
Name: AggregatedVFLPortDown (5436) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.Shelf	Severity: critical Implicitly cleared: true Default probable cause: connectivityIssue (2137)	<ul style="list-style-type: none"> 7.0.0
Description: The alarm is generated when the aggregated virtual fabric link on the virtual chassis slot is down.		
Raising condition: (('Shelf Type' EQUAL '7850') AND ('Total Slots' EQUAL '4') AND ('Virtual Fabric Link State' NOT EQUAL 'Up'))		
Clearing condition: (('Shelf Type' EQUAL '7850') AND ('Total Slots' EQUAL '4') AND ('Virtual Fabric Link State' EQUAL 'Up'))		
Remedial action: The alarm is raised when the aggregated virtual fabric link on the virtual chassis is down. Please check the virtual fabric links for the virtual chassis setup.		

Table 8-4 AGWDiameterPeerDown

Alarm	Attributes	Applicable major releases
Name: AGWDiameterPeerDown (844) Type: EpcAlarm (59) Package: Ite Raised on class: Ite.AGWDiameterPeer	Severity: variable Implicitly cleared: true Default probable cause: EPSPeerDown (602)	<ul style="list-style-type: none"> 7.0.0
Description: The alarm is raised when the path management state of a Diameter peer changes to a state other than Up.		
Raising condition: ('Path Diameter Management State' NOT EQUAL 'Active')		
Clearing condition: ('Path Diameter Management State' EQUAL 'Active')		
Remedial action: A Ga reference point (peer) is operationally down for one of the following reasons: the underlying IP or physical interface is down, the far end peer is down or the underlying transport between this NE and the peer NE is down. To resolve the issue ensure that the IP/physical interface is up, check that the far end peer is operational and check that the underlying transport network is up.		

Table 8-5 AncillaryPathLimitReached

Alarm	Attributes	Applicable major releases
Name: AncillaryPathLimitReached (459) Type: resourceAlarm (28) Package: equipment Raised on class: equipment.DaughterCard	Severity: warning Implicitly cleared: true Default probable cause: resourceLimitReached (131)	<ul style="list-style-type: none"> 7.0.0
Description: The alarm is raised when the Ingress Multicast Path Management ancillary path bandwidth limit is reached.		
Raising condition: (('Ancillary Path Limit Override' > '0') AND ('Ancillary Path In use' >= " (1000 * 'Ancillary Path Limit Override')"))		
Clearing condition: (('Ancillary Path Limit Override' > '0') AND ('Ancillary Path In use' < (1000 * 'Ancillary Path Limit Override'))		
Remedial action: Informational - The alarm is raised when the Ingress Multicast Path Management ancillary path bandwidth limit is reached. This can be remedied by modifying the ancillary path limit located at T1 Paths tab of the multicast bandwidth policy which assigned to the card, or increase the ancillary path limit override located at the Daughter Card tab under Daughter Card Slot form.		

Table 8-6 AtcaFanFailure

Alarm	Attributes	Applicable major releases
Name: AtcaFanFailure (1124) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.Fan	Severity: critical Implicitly cleared: true Default probable cause: fanFailure (116)	<ul style="list-style-type: none"> 7.0.0
Description: The alarm is raised when the associated fan is not operationally Up.		
Raising condition: (('operationalState' EQUAL 'Disabled') OR ('operationalState' EQUAL 'Down'))		
Clearing condition: (('operationalState' EQUAL 'Enabled') OR ('operationalState' EQUAL 'Up'))		
Remedial action: This alarm is raised if the fan speed falls below 500 rpm. If the alarm persists, replace the appropriate (upper or lower) fan tray.		

Table 8-7 AuxiliaryServerStatus

Alarm	Attributes	Applicable major releases
Name: AuxiliaryServerStatus (311) Type: communicationsAlarm (4) Package: server Raised on class: server.AuxiliaryServer	Severity: critical Implicitly cleared: true Default probable cause: systemFailed (144)	<ul style="list-style-type: none"> 7.0.0
Description: The alarm is raised when a 5620 SAM main server cannot communicate with an auxiliary server. The alarm clears when communication is restored.		
Raising condition: ('Server Status' EQUAL 'Down')		
Clearing condition: ('Server Status' EQUAL 'Up')		

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Alarm	Attributes	Applicable major releases
Remedial action: Informational - if the alarm persists or is occurring frequently then investigation is required to understand why the connectivity between the AUX and SAM servers is unreliable.		

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Table 8-8 BITS2NotQualified

Alarm	Attributes	Applicable major releases
Name: BITS2NotQualified (1941) Type: communicationsAlarm (4) Package: sonet Raised on class: sonet.SiteSync	Severity: minor Implicitly cleared: true Default probable cause: timingReferenceNotQualified (418)	<ul style="list-style-type: none"> 7.0.0
Description: The alarm is raised when the BITS-2 timing reference on an NE is not in the Qualified state.		
Raising condition: (('Qualified For Use' EQUAL 'Not Qualified') AND ('Input Administrative State' NOT EQUAL 'Down'))		
Clearing condition: (('Qualified For Use' NOT EQUAL 'Not Qualified') OR ('Input Administrative State' EQUAL 'Down'))		
Remedial action: Make sure that BITS2 is qualified		

Table 8-9 BITSNotQualified

Alarm	Attributes	Applicable major releases
Name: BITSNotQualified (547) Type: communicationsAlarm (4) Package: sonet Raised on class: sonet.SiteSync	Severity: minor Implicitly cleared: true Default probable cause: timingReferenceNotQualified (418)	<ul style="list-style-type: none"> 7.0.0
Description: The alarm is raised when the BITS timing reference on an NE is not in the Qualified state.		
Raising condition: (('Qualified For Use' EQUAL 'Not Qualified') AND ('Output Administrative State' NOT EQUAL 'Down'))		
Clearing condition: (('Qualified For Use' NOT EQUAL 'Not Qualified') OR ('Output Administrative State' EQUAL 'Down'))		
Remedial action: Make sure that BITS is qualified		

Table 8-10 BITSReferenceLossOfSignal

Alarm	Attributes	Applicable major releases
Name: BITSReferenceLossOfSignal (1950) Type: communicationsAlarm (4) Package: sonet Raised on class: sonet.SiteSync	Severity: minor Implicitly cleared: true Default probable cause: BITSReferenceLossOfSignal (938)	<ul style="list-style-type: none"> 7.0.0
Description: The alarm is raised when the BITS reference on an NE is not qualified due to Loss of Signal.		

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Alarm	Attributes	Applicable major releases
Raising condition: (('Not Qualified Due To'anyBit'LOS'))		
Clearing condition: NOT (('Not Qualified Due To'anyBit'LOS'))		
Remedial action: Make sure that peer connected to BITS is properly configured.		

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Table 8-11 BITSReferenceOutOfFrequency

Alarm	Attributes	Applicable major releases
Name: BITSReferenceOutOfFrequency (1951) Type: communicationsAlarm (4) Package: sonet Raised on class: sonet.SiteSync	Severity: minor Implicitly cleared: true Default probable cause: BITSReferenceOutOfFrequency (939)	<ul style="list-style-type: none"> 7.0.0
Description: The alarm is raised when the BITS Reference on an NE is not qualified due to Out of frequency.		
Raising condition: (('Not Qualified Due To'anyBit'OOF'))		
Clearing condition: NOT (('Not Qualified Due To'anyBit'OOF'))		
Remedial action: Make sure that frequency configured for BITS is correct.		

Table 8-12 BITSReferenceOutOfPollInRange

Alarm	Attributes	Applicable major releases
Name: BITSReferenceOutOfPollInRange (1952) Type: communicationsAlarm (4) Package: sonet Raised on class: sonet.SiteSync	Severity: minor Implicitly cleared: true Default probable cause: BITSReferenceOutOfPollInRange (940)	<ul style="list-style-type: none"> 7.0.0
Description: The alarm is raised when the BITS Reference on an NE is not qualified state due to Out of poll in range.		
Raising condition: (('Not Qualified Due To'anyBit'OOPIR'))		
Clearing condition: NOT (('Not Qualified Due To'anyBit'OOPIR'))		
Remedial action: Check the BITS is configured correctly. Check the SONET port is configured correctly and that the physical layer cabling is operating correctly. Call customer support if necessary		

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Table 8-13 BootableConfigBackupFailed

Alarm	Attributes	Applicable major releases
Name: BootableConfigBackupFailed (103) Type: configurationAlarm (11) Package: sw Raised on class: sw.BackupRestoreManager	Severity: major Implicitly cleared: true Default probable cause: fileTransferFailure (89)	<ul style="list-style-type: none"> 7.0.0
Description: The alarm is raised when the 5620 SAM fails to back up a set of NE configuration files.		
Raising condition: ('Backup State' EQUAL 'Failure')		
Clearing condition: ('Backup State' EQUAL 'Success')		
Remedial action: Investigation is required to resolve the following possible scenarios: insufficient disk space is available to accommodate the NE configuration files (additional SAM platform alarms will accompany this alarm); the NE is unreachable (including underlying transport network issue); loss of connectivity to the NE during transfer; the FTP daemon on the NE may have stopped; FTP security credential issues.		

Table 8-14 BootableConfigRestoreFailed

Alarm	Attributes	Applicable major releases
Name: BootableConfigRestoreFailed (104) Type: configurationAlarm (11) Package: sw Raised on class: sw.BackupRestoreManager	Severity: major Implicitly cleared: true Default probable cause: fileTransferFailure (89)	<ul style="list-style-type: none"> 7.0.0
Description: The alarm is raised when the 5620 SAM fails to restore a set of NE configuration files.		
Raising condition: ('Restore State' EQUAL 'Failure')		
Clearing condition: ('Restore State' EQUAL 'Success')		
Remedial action: Investigation is required to resolve the following possible scenarios: the NE is unreachable (including underlying transport network issue); loss of connectivity to the NE during transfer; the FTP daemon on the NE may have stopped; FTP security credential issues.		

Table 8-15 BootParametersMisconfigured

Alarm	Attributes	Applicable major releases
Name: BootParametersMisconfigured (35) Type: configurationAlarm (11) Package: netw Raised on class: netw.NetworkElement	Severity: critical Implicitly cleared: true Default probable cause: persistentIndexFailure (30) Applicable probable causes: <ul style="list-style-type: none"> persistentIndexFailure configFileBootFailure 	<ul style="list-style-type: none"> 7.0.0
Description: The alarm is raised when the SNMP Index Boot Status on an NE is not set to Persistent.		

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Alarm	Attributes	Applicable major releases
Raising condition: (('isGenericNode' EQUAL 'false') AND ('State' NOT EQUAL 'Pre-provisioned') AND (((('Config File Status' NOT EQUAL 'Executed Successfully') AND ('Config File Status' NOT EQUAL 'configFileStatus_unspecified')) OR (('Persistent Index Status' NOT EQUAL 'Rebuild Succeeded') AND ('Persistent Index Status' NOT EQUAL 'persistentIndexStatus_unspecified'))))		
Clearing condition: (('Config File Status' EQUAL 'Executed Successfully') AND ('Persistent Index Status' EQUAL 'Rebuild Succeeded'))		
Remedial action: Ensure that "SNMP Index Boot Status" is persistent (using cli command "show system information" on the NE). If not, unmanage the network element from SAM, ensure that "persist on" is set in the bof file, save the bof, save a config file, verify that an index file (.ndx) is saved as well, reboot the router, verify that SNMP Index Boot Status is persistent and finally remanage the router from SAM.		

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Table 8-16 ClientDelegateServerStatus

Alarm	Attributes	Applicable major releases
Name: ClientDelegateServerStatus (731) Type: communicationsAlarm (4) Package: server Raised on class: server.ClientDelegateServer	Severity: critical Implicitly cleared: true Default probable cause: systemFailed (144)	<ul style="list-style-type: none"> 7.0.0
Description: The alarm is raised when a client delegate server is unreachable.		
Raising condition: ('Server Status' EQUAL 'Down')		
Clearing condition: ('Server Status' EQUAL 'Up')		
Remedial action: Informational - if the alarm persists or is occurring frequently then investigation is required to understand why the connectivity between the client delegate platform and SAM servers is unreliable or the client delegate server itself is unreliable.		

Table 8-17 ContainingEquipmentAdministrativelyDown

Alarm	Attributes	Applicable major releases
Name: ContainingEquipmentAdministrativelyDown (466) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.Port	Severity: minor Implicitly cleared: true Default probable cause: containingEquipmentAdministrativelyDown (330)	<ul style="list-style-type: none"> 7.0.0
Description: The alarm is raised when the compositeEquipmentState attribute has a value of containingEquipmentAdministrativelyDown.		
Raising condition: (('Status' EQUAL 'Parent Admin Down') AND ('isTerminatable' EQUAL 'true'))		
Clearing condition: (('Status' NOT EQUAL 'Parent Admin Down') OR ('isTerminatable' NOT EQUAL 'true'))		
Remedial action: Informational - no corrective action required.		

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Table 8-18 ContainingEquipmentMismatch

Alarm	Attributes	Applicable major releases
Name: ContainingEquipmentMismatch (464) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.Port	Severity: major Implicitly cleared: true Default probable cause: containingEquipmentMismatch (328)	<ul style="list-style-type: none"> 7.0.0
Description: The alarm is raised when the compositeEquipmentState attribute has a value of containingEquipmentMismatch.		
Raising condition: (('Status' EQUAL 'Parent Type Mismatch') AND ('isTerminatable' EQUAL 'true'))		
Clearing condition: (('Status' NOT EQUAL 'Parent Type Mismatch') OR ('isTerminatable' NOT EQUAL 'true'))		
Remedial action: A configuration error has occurred which must be corrected. The card type configured for the slot identified in the alarm must match the installed card type.		

Table 8-19 ContainingEquipmentOperationallyDown

Alarm	Attributes	Applicable major releases
Name: ContainingEquipmentOperationallyDown (465) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.Port	Severity: major Implicitly cleared: true Default probable cause: containingEquipmentDown (329)	<ul style="list-style-type: none"> 7.0.0
Description: The alarm is raised when the compositeEquipmentState attribute has a value of containingEquipmentOperationallyDown.		
Raising condition: (('Status' EQUAL 'Parent Oper Down') AND ('isTerminatable' EQUAL 'true'))		
Clearing condition: (('Status' NOT EQUAL 'Parent Oper Down') OR ('isTerminatable' NOT EQUAL 'true'))		
Remedial action: The operational state of the equipment element indicated in the alarm is down. This may be due to the element's administrative state or it may indicate that the element has failed.		

Table 8-20 CorruptImageFile

Alarm	Attributes	Applicable major releases
Name: CorruptImageFile (171) Type: configurationAlarm (11) Package: mediation Raised on class: mediation.AbstractSoftwareFolderDescriptor	Severity: critical Implicitly cleared: true Default probable cause: invalidOrCorruptImageFile (134)	<ul style="list-style-type: none"> 7.0.0
Description: The alarm is raised when one or more files in the 5620 SAM software image specified for a device software upgrade is invalid, corrupt or absent. The 5620 SAM validates a device software file set before it imports the file set and distributes it to an NE. Ensure that the file set downloads properly to the NE and is not tampered with before you re-attempt the upgrade. The alarm clears when a valid file set is on the NE and the 5620 SAM activates the software image in the file set.		
Raising condition: ('isImageValid' EQUAL 'false')		

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Alarm	Attributes	Applicable major releases
Clearing condition: ('isImageValid' EQUAL 'true')		
Remedial action: The existing SW image in the SAM database should be replaced with an image that is known to be complete and valid.		

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Table 8-21 downgradedCardAlarm

Alarm	Attributes	Applicable major releases
Name: downgradedCardAlarm (256) Type: softwareAlarm (19) Package: equipment Raised on class: equipment.Card	Severity: warning Implicitly cleared: true Default probable cause: downgradedCard (195)	<ul style="list-style-type: none"> 7.0.0
Description: The alarm is raised when an IOM is not upgraded or reset after a device software upgrade of both CPMs. A device resets an IOM automatically after 120 minutes if the IOM is not manually reset after a CPM upgrade.		
Raising condition: ('operationalState' EQUAL 'Downgrade')		
Clearing condition: ('operationalState' EQUAL 'Up')		
Remedial action: Informational - no corrective action required.		

Table 8-22 EfmOamAlarm

Alarm	Attributes	Applicable major releases
Name: EfmOamAlarm (4617) Type: equipmentAlarm (3) Package: ethernetEquipment Raised on class: ethernetEquipment.Dot3Oam	Severity: minor Implicitly cleared: true Default probable cause: EFMOAMOperationalstateOutOfService (1886)	<ul style="list-style-type: none"> 7.0.0
Description: The alarm is raised when EFM Ignore status is Enabled, and Physical port Administrative State is Down.		
Raising condition: ('Ignore EFM State' EQUAL 'true')		
Clearing condition: ('Ignore EFM State' EQUAL 'true')		
Remedial action: The alarm is raised when EFM Ignore status is Enabled, and Physical port Administrative State is Down.		

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Table 8-23 EquipmentAdministrativelyDown

Alarm	Attributes	Applicable major releases
Name: EquipmentAdministrativelyDown (455) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.Equipment	Severity: minor Implicitly cleared: true Default probable cause: equipmentAdministrativelyDown (326)	<ul style="list-style-type: none"> 7.0.0
Description: The alarm is raised when the compositeEquipmentState attribute has a value of equipmentAdministrativelyDown.		
Raising condition: ('compositeEquipmentState' EQUAL 'Admin Down')		
Clearing condition: ('compositeEquipmentState' NOT EQUAL 'Admin Down')		
Remedial action: Informational - no corrective action required.		

Table 8-24 EquipmentDown

Alarm	Attributes	Applicable major releases
Name: EquipmentDown (10) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.Equipment	Severity: major Implicitly cleared: true Default probable cause: inoperableEquipment (8)	<ul style="list-style-type: none"> 7.0.0
Description: The alarm is raised when the compositeEquipmentState attribute has a value of equipmentOperationallyDown.		
Raising condition: ('compositeEquipmentState' EQUAL 'Oper Down')		
Clearing condition: ('compositeEquipmentState' NOT EQUAL 'Oper Down')		
Remedial action: This alarm indicates that a card in the NE has failed. The card must be replaced.		

Table 8-25 EquipmentFailure

Alarm	Attributes	Applicable major releases
Name: EquipmentFailure (145) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.ReplaceableUnit	Severity: critical Implicitly cleared: true Default probable cause: cardFailure (123)	<ul style="list-style-type: none"> 7.0.0
Description: The alarm is raised when a control processor or power-supply tray reports a failure. When the object type is ControlProcessor, a CPM may be unable to boot. When the object type is Power Supply Tray and the alarm is raised during device discovery, a power-supply tray may be out of service. When the object type is a Power Supply Tray and the device is in the managed state, a power-supply tray may be out of service or the AC power shelf has a fault condition. The alarm clears when the status changes to OK.		
Raising condition: ('operationalState' EQUAL 'Failed')		
Clearing condition: ('operationalState' NOT EQUAL 'Failed')		

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Alarm	Attributes	Applicable major releases
Remedial action: If the alarm indicates that the CPM card has a fault, remove the card and reset it. If this does not clear the alarm then please contact Alcatel-Lucent support for assistance. If the alarm indicates that the Power Supply tray is out of service ensure that the NE is properly connected to power. If the problem persists please contact Alcatel-Lucent support for assistance.		

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Table 8-26 EquipmentInTest

Alarm	Attributes	Applicable major releases
Name: EquipmentInTest (11) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.Equipment	Severity: warning Implicitly cleared: true Default probable cause: equipmentInTest (9)	<ul style="list-style-type: none"> 7.0.0
Description: The alarm is raised when equipment enters a diagnostic state.		
Raising condition: ('compositeEquipmentState' EQUAL 'In Test')		
Clearing condition: ('compositeEquipmentState' NOT EQUAL 'In Test')		
Remedial action: Informational - no corrective action required.		

Table 8-27 EquipmentMismatch

Alarm	Attributes	Applicable major releases
Name: EquipmentMismatch (9) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.Equipment	Severity: major Implicitly cleared: true Default probable cause: equipmentTypeMismatch (7)	<ul style="list-style-type: none"> 7.0.0
Description: The alarm is raised when the compositeEquipmentState attribute has a value of equipmentMismatch.		
Raising condition: ('compositeEquipmentState' EQUAL 'Type Mismatch')		
Clearing condition: ('compositeEquipmentState' NOT EQUAL 'Type Mismatch')		
Remedial action: A configuration error has occurred which must be corrected. The card type configured for the slot identified in the alarm must match the installed card type.		

Table 8-28 EquipmentRemoved

Alarm	Attributes	Applicable major releases
Name: EquipmentRemoved (8) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.Equipment	Severity: major Implicitly cleared: true Default probable cause: replaceableEquipmentRemoved (6)	<ul style="list-style-type: none"> 7.0.0

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Alarm	Attributes	Applicable major releases
Description: The alarm is raised when the compositeEquipmentState attribute has a value of equipmentMissing.		
Raising condition: (((isEquipped' EQUAL 'false') OR ('compositeEquipmentState' EQUAL 'Removed')) AND ('isEquipmentInserted' EQUAL 'true'))		
Clearing condition: (('compositeEquipmentState' NOT EQUAL 'Removed') AND ('isEquipped' EQUAL 'true'))		
Remedial action: Informational - this alarm is raised when a card is removed.		

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Table 8-29 EthernetPortConfiguredLoopback

Alarm	Attributes	Applicable major releases
Name: EthernetPortConfiguredLoopback (801) Type: configurationAlarm (11) Package: ethernetequipment Raised on class: ethernetequipment.EthernetPortSpecifics	Severity: warning Implicitly cleared: true Default probable cause: ethernetPortConfiguredLoopback (567)	<ul style="list-style-type: none"> 7.0.0
Description: The alarm is raised when a timed loopback is in effect for an Ethernet port.		
Raising condition: (('Type' NOT EQUAL 'None'))		
Clearing condition: (('Type' EQUAL 'None'))		
Remedial action: This alarm has been raised by the node because "Timed Loopback" option of the specific port's Ethernet property has been enabled. To resolve this problem from "Ethernet" tab of "Physical Port" properties form configure "Timed Loopback" Type property as "None".		

Table 8-30 EthernetPortDuplicateLane

Alarm	Attributes	Applicable major releases
Name: EthernetPortDuplicateLane (3557) Type: communicationsAlarm (4) Package: ethernetequipment Raised on class: ethernetequipment.EthernetPortSpecifics	Severity: major Implicitly cleared: true Default probable cause: DuplicateLane (1387)	<ul style="list-style-type: none"> 7.0.0
Description: The alarm is raised when a device reports a Duplicate Lane on an Ethernet port.		
Raising condition: (('Outstanding Alarms'anyBit'Duplicate Lane') AND ('Report Alarms'anyBit'Duplicate Lane'))		
Clearing condition: NOT (('Outstanding Alarms'anyBit'Duplicate Lane') AND ('Report Alarms'anyBit'Duplicate Lane'))		
Remedial action: One of the following conditions exists on the referenced physical interface which must be corrected. A cable/fiber fault exists which must be corrected - check to ensure that the cable is not faulty and is properly connected. The port is faulty - run diagnostics on the port to determine the nature of the fault. If the problem cannot be resolved swap the card containing the port with a card which is known be functional.		

Table 8-31 EthernetPortHighBer

Alarm	Attributes	Applicable major releases
Name: EthernetPortHighBer (307) Type: communicationsAlarm (4) Package: ethernetequipment Raised on class: ethernetequipment.EthernetPortSpecifics	Severity: major Implicitly cleared: true Default probable cause: HighBer (238)	<ul style="list-style-type: none"> 7.0.0
Description: The alarm is raised when a device reports a high bit-error rate on an Ethernet port.		
Raising condition: (('Outstanding Alarms'anyBit'High Bit Error Rate') AND ('Report Alarms'anyBit'High Bit Error Rate'))		
Clearing condition: NOT (('Outstanding Alarms'anyBit'High Bit Error Rate') AND ('Report Alarms'anyBit'High Bit Error Rate'))		
Remedial action: One of the following conditions exists on the physical interface which must be corrected. A cable/fiber fault exists which must be corrected - check to ensure that the cable is not faulty and is properly connected. The port is faulty - run diagnostics on the port to determine the nature of the fault.		

Table 8-32 EthernetPortLocalFault

Alarm	Attributes	Applicable major releases
Name: EthernetPortLocalFault (305) Type: communicationsAlarm (4) Package: ethernetequipment Raised on class: ethernetequipment.EthernetPortSpecifics	Severity: major Implicitly cleared: true Default probable cause: LocalFault (236)	<ul style="list-style-type: none"> 7.0.0
Description: The alarm is raised when a device reports a local fault on an Ethernet port.		
Raising condition: (('Outstanding Alarms'anyBit'Local Fault') AND ('Report Alarms'anyBit'Local Fault'))		
Clearing condition: NOT (('Outstanding Alarms'anyBit'Local Fault') AND ('Report Alarms'anyBit'Local Fault'))		
Remedial action: One of the following conditions exists on the physical interface which must be corrected. A cable/fiber fault exists which must be corrected - check to ensure that the cable is not faulty and is properly connected. The port is faulty - run diagnostics on the port to determine the nature of the fault.		

Table 8-33 EthernetPortNoAmLock

Alarm	Attributes	Applicable major releases
Name: EthernetPortNoAmLock (3558) Type: communicationsAlarm (4) Package: ethernetequipment Raised on class: ethernetequipment.EthernetPortSpecifics	Severity: major Implicitly cleared: true Default probable cause: NoAmLock (1388)	<ul style="list-style-type: none"> 7.0.0
Description: The alarm is raised when a device reports a No Am Lock on an Ethernet port.		
Raising condition: (('Outstanding Alarms'anyBit'No AM Lock') AND ('Report Alarms'anyBit'No AM Lock'))		

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Alarm	Attributes	Applicable major releases
Clearing condition: NOT (('Outstanding Alarms'anyBit'No AM Lock') AND ('Report Alarms'anyBit'No AM Lock'))		
Remedial action: One of the following conditions exists on the referenced physical interface which must be corrected. A cable/fiber fault exists which must be corrected - check to ensure that the cable is not faulty and is properly connected. The port is faulty - run diagnostics on the port to determine the nature of the fault. If the problem cannot be resolved swap the card containing the port with a card which is known be functional.		

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Table 8-34 EthernetPortNoBlockLock

Alarm	Attributes	Applicable major releases
Name: EthernetPortNoBlockLock (3559) Type: communicationsAlarm (4) Package: ethernetequipment Raised on class: ethernetequipment.EthernetPortSpecifics	Severity: major Implicitly cleared: true Default probable cause: NoBlockLock (1389)	<ul style="list-style-type: none"> 7.0.0
Description: The alarm is raised when a device reports a No Block Lock on an Ethernet port.		
Raising condition: (('Outstanding Alarms'anyBit'No Block Lock') AND ('Report Alarms'anyBit'No Block Lock'))		
Clearing condition: NOT (('Outstanding Alarms'anyBit'No Block Lock') AND ('Report Alarms'anyBit'No Block Lock'))		
Remedial action: One of the following conditions exists on the referenced physical interface which must be corrected. A cable/fiber fault exists which must be corrected - check to ensure that the cable is not faulty and is properly connected. The port is faulty - run diagnostics on the port to determine the nature of the fault. If the problem cannot be resolved swap the card containing the port with a card which is known be functional.		

Table 8-35 EthernetPortNoFrameLock

Alarm	Attributes	Applicable major releases
Name: EthernetPortNoFrameLock (306) Type: communicationsAlarm (4) Package: ethernetequipment Raised on class: ethernetequipment.EthernetPortSpecifics	Severity: major Implicitly cleared: true Default probable cause: NoFrameLock (237)	<ul style="list-style-type: none"> 7.0.0
Description: The alarm is raised when a device reports No Frame Lock on an Ethernet port.		
Raising condition: (('Outstanding Alarms'anyBit'No Frame Lock') AND ('Report Alarms'anyBit'No Frame Lock'))		
Clearing condition: NOT (('Outstanding Alarms'anyBit'No Frame Lock') AND ('Report Alarms'anyBit'No Frame Lock'))		
Remedial action: One of the following conditions exists on the physical interface which must be corrected. A cable/fiber fault exists which must be corrected - check to ensure that the cable is not faulty and is properly connected. The port is faulty - run diagnostics on the port to determine the nature of the fault.		

Table 8-36 EthernetPortRemoteFault

Alarm	Attributes	Applicable major releases
Name: EthernetPortRemoteFault (304) Type: communicationsAlarm (4) Package: ethernetequipment Raised on class: ethernetequipment.EthernetPortSpecifics	Severity: major Implicitly cleared: true Default probable cause: RemoteFault (235)	<ul style="list-style-type: none"> 7.0.0
Description: The alarm is raised when a device reports a remote fault on an Ethernet port.		
Raising condition: (('Outstanding Alarms'anyBit'Remote Fault') AND ('Report Alarms'anyBit'Remote Fault'))		
Clearing condition: NOT (('Outstanding Alarms'anyBit'Remote Fault') AND ('Report Alarms'anyBit'Remote Fault'))		
Remedial action: One of the following conditions exists on the remote physical interface which must be corrected. A cable/fiber fault exists which must be corrected - check to ensure that the cable is not faulty and is properly connected. The port is faulty - run diagnostics on the port to determine the nature of the fault.		

Table 8-37 EthernetPortSignalFailure

Alarm	Attributes	Applicable major releases
Name: EthernetPortSignalFailure (303) Type: communicationsAlarm (4) Package: ethernetequipment Raised on class: ethernetequipment.EthernetPortSpecifics	Severity: major Implicitly cleared: true Default probable cause: SignalFailure (234)	<ul style="list-style-type: none"> 7.0.0
Description: The alarm is raised when a device reports a signal failure on an Ethernet port.		
Raising condition: (('Outstanding Alarms'anyBit'Signal Failure') AND ('Report Alarms'anyBit'Signal Failure'))		
Clearing condition: NOT (('Outstanding Alarms'anyBit'Signal Failure') AND ('Report Alarms'anyBit'Signal Failure'))		
Remedial action: One of the following conditions exists on the physical interface which must be corrected. A cable/fiber fault exists which must be corrected - check to ensure that the cable is not faulty and is properly connected. The port is faulty - run diagnostics on the port to determine the nature of the fault.		

Table 8-38 ExternalTimingReferenceNotQualified

Alarm	Attributes	Applicable major releases
Name: ExternalTimingReferenceNotQualified (548) Type: communicationsAlarm (4) Package: sonet Raised on class: sonet.SiteSync	Severity: minor Implicitly cleared: true Default probable cause: timingReferenceNotQualified (418)	<ul style="list-style-type: none"> 7.0.0
Description: The alarm is raised when the External timing reference on an NE is not in the Qualified state.		
Raising condition: (('Qualified For Use' EQUAL 'Not Qualified') AND ('Administrative State' NOT EQUAL 'Down'))		
Clearing condition: (('Qualified For Use' NOT EQUAL 'Not Qualified') OR ('Administrative State' EQUAL 'Down'))		

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Alarm	Attributes	Applicable major releases
Remedial action: Informational		

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Table 8-39 ForwardingTableSizeLimitReached

Alarm	Attributes	Applicable major releases
Name: ForwardingTableSizeLimitReached (164) Type: resourceAlarm (28) Package: I2fwd Raised on class: I2fwd.SiteFib	Severity: major Implicitly cleared: true Default probable cause: resourceLimitReached (131)	<ul style="list-style-type: none"> 7.0.0
Description: The alarm is raised when the number of MAC address entries in the FIB reaches or exceeds the VPLS site high watermark specified by I2fwd.SiteFib.highWatermark. The alarm clears when the number of MAC address entries in the FIB drops below the VPLS site low watermark specified by I2fwd.SiteFib.lowWatermark. The alarm can be raised against a VPLS site, L2 access interface, or spoke SDP binding.		
Raising condition: (('Entries' >= 'Size') OR ('Entries' >= (('High Watermark' * 'Size') / 100.0)))"		
Clearing condition: (('Entries' < 'Size') AND (('High Watermark' EQUAL '0L') OR ('Entries' < (('Low Watermark' * 'Size') / 100.0))) AND (('Low Watermark' EQUAL '0L') OR ('Entries' < (('Low Watermark' * 'Size') / 100.0)))		
Remedial action: Informational		

Table 8-40 FrameSizeProblem (netw)

Alarm	Attributes	Applicable major releases
Name: FrameSizeProblem (37) Type: configurationAlarm (11) Package: netw Raised on class: netw.StatefullConnectableInterface	Severity: critical Implicitly cleared: true Default probable cause: frameSizeProblem (33)	<ul style="list-style-type: none"> 7.0.0
Description: The alarm is raised when a provisioned MTU size value is greater than the supported MTU size value.		
Raising condition: (('mtuMismatch' EQUAL 'true') AND ('portId' NOT EQUAL '0L'))		
Clearing condition: (('mtuMismatch' EQUAL 'false') OR ('portId' EQUAL '0L'))		
Remedial action: A configuration error has been made which must be corrected. The MTU value must be changed such that is less than or equal to the supported MTU size value.		

Table 8-41 GaPeerDown

Alarm	Attributes	Applicable major releases
Name: GaPeerDown (3303) Type: EpcAlarm (59) Package: Iteggnsn Raised on class: Iteggnsn.GaPeer	Severity: major Implicitly cleared: true Default probable cause: EPSPeerDown (602)	<ul style="list-style-type: none"> 7.0.0
Description: The alarm is raised when the path management state of a Ga peer changes to a state other than Up.		
Raising condition: ('Path Management State' NOT EQUAL 'Active')		
Clearing condition: ('Path Management State' EQUAL 'Active')		
Remedial action: A Ga reference point (peer) is operationally down for one of the following reasons: the underlying IP or physical interface is down, the far end peer is down or the underlying transport between this NE and the peer NE is down. To resolve the issue ensure that the IP/physical interface is up, check that the far end peer is operational and check that the underlying transport network is up.		

Table 8-42 IncompleteConfiguration

Alarm	Attributes	Applicable major releases
Name: IncompleteConfiguration (1942) Type: operationalViolation (93) Package: netw Raised on class: netw.NetworkElement	Severity: warning Implicitly cleared: true Default probable cause: incompleteConfig (225)	<ul style="list-style-type: none"> 7.0.0
Description: The alarm is raised when a pre-provisioned NE has no objects configured beneath it.		
Raising condition: (('State' EQUAL 'Pre-provisioned') AND ('eNodeB Equipment' EQUAL '\'))		
Clearing condition: (('State' EQUAL 'Pre-provisioned') AND ('eNodeB Equipment' NOT EQUAL '\'))		
Remedial action: A configuration error has been made which must be corrected. The configuration of the pre-provisioned NE is incomplete. A work order was not associated with the pre-provisioned NE and as a consequence the attempt to auto-configure the NE failed.		

Table 8-43 InterfaceDown (netw)

Alarm	Attributes	Applicable major releases
Name: InterfaceDown (36) Type: InterfaceAlarm (13) Package: netw Raised on class: netw.StatefullConnectableInterface	Severity: critical Implicitly cleared: true Default probable cause: interfaceDown (32)	<ul style="list-style-type: none"> 7.0.0
Description: The alarm is raised when an interface or underlying resource fails, as indicated by an interface compositeState attribute value of failed or underlyingResourceFailed.		
Raising condition: (('compositeState' EQUAL 'Inoperable') OR ('compositeState' EQUAL 'Underlying Resource Inoperable'))		

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Alarm	Attributes	Applicable major releases
Clearing condition: (('compositeState' NOT EQUAL 'Inoperable') AND ('compositeState' NOT EQUAL 'Underlying Resource Inoperable'))		
Remedial action: A physical port (physical interface, LAG, channel) associated with the network interface in not operation. Ensure that the interface is cabled and that there is not a configuration error (i.e. MTU size set incorrectly) on the interface. Once the issue w		

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Table 8-44 InterfaceDown (vpls)

Alarm	Attributes	Applicable major releases
Name: InterfaceDown (36) Type: configurationAlarm (11) Package: vpls Raised on class: vpls.L2ManagementInterface	Severity: major Implicitly cleared: true Default probable cause: interfaceDown (32)	<ul style="list-style-type: none"> 7.0.0
Description: The alarm is raised when an L2 management interface has an Operational State of Down, and the associated VPLS site has an Administrative State of Up.		
Raising condition: (('administrativeState' EQUAL 'Up') AND ('operationalState' NOT EQUAL 'Up'))		
Clearing condition: (('operationalState' EQUAL 'Up') OR ('administrativeState' NOT EQUAL 'Up'))		
Remedial action: The condition exists because the physical interface is down either because it is administratively disabled, faulty or a cabling fault has occurred. Ensure that the interface is administratively up. Check for a poor cable connection to the port or for a faulty cable/fiber. If neither appears to be the problem run diagnostics on the port to determine if it is faulty.		

Table 8-45 LagDown

Alarm	Attributes	Applicable major releases
Name: LagDown (20) Type: equipmentAlarm (3) Package: lag Raised on class: lag.Interface	Severity: critical Implicitly cleared: true Default probable cause: lagDown (17)	<ul style="list-style-type: none"> 7.0.0
Description: The alarm is raised when all ports in a LAG are operationally down.		
Raising condition: (('Administrative State' EQUAL 'Up') AND ('operationalState' NOT EQUAL 'Up'))		
Clearing condition: (('operationalState' EQUAL 'Up') OR ('Administrative State' NOT EQUAL 'Up'))		
Remedial action: This alarm indicates that all physical Ethernet links associated with a LAG are operationally down. The reasons for the links to be down may vary from link to link. The following possible causes of this alarm should be investigated. The physical port (near end or far end may have failed - this can be remedied by replacing the interface card in question. The physical links may have been turned down administratively - re-enable the links. A cable failure or disconnect may have occurred - please ensure that the cables are properly connected to the physical port and and that the cable has not been damaged.		

Table 8-46 LagPortAddFailed

Alarm	Attributes	Applicable major releases
Name: LagPortAddFailed (422) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.PhysicalPort	Severity: warning Implicitly cleared: true Default probable cause: linkDown (315)	<ul style="list-style-type: none"> 7.0.0
Description: The alarm is raised when the Lag Port Add function Fails.		
Raising condition: (('state' EQUAL 'Link Down') AND ('LAG ID' > '0'))		
Clearing condition: (('state' NOT EQUAL 'Link Down') OR ('LAG ID' EQUAL '0'))		
Remedial action: A configuration error has occurred which must be corrected. The link that was to be added to the LAG group may be of the wrong type (i.e. non ethernet) or the limit of the number of links supported in a LAG may have been reached.		

Table 8-47 LicensedLimitExceeded

Alarm	Attributes	Applicable major releases
Name: LicensedLimitExceeded (127) Type: licensingAlarm (23) Package: security Raised on class: security.ProductLicense	Severity: critical Implicitly cleared: true Default probable cause: licensedLimitExceeded (106)	<ul style="list-style-type: none"> 7.0.0
Description: The alarm is raised when the license items in the network exceeds 100 percent of the license capacity.		
Raising condition: ('Exceeded' EQUAL 'true')		
Clearing condition: ('Exceeded' NOT EQUAL 'true')		
Remedial action: Informational - The number of SAM licenses purchased and available on the SAM server is insufficient as compared to the number of NES/MDA/Cells under management in the network. Please contact Alcatel-Lucent Sales to purchase additional licenses.		

Table 8-48 LinkDown (equipment)

Alarm	Attributes	Applicable major releases
Name: LinkDown (12) Type: communicationsAlarm (4) Package: equipment Raised on class: equipment.Equipment	Severity: major Implicitly cleared: true Default probable cause: portLinkProblem (10)	<ul style="list-style-type: none"> 7.0.0
Description: The alarm is raised when a port has no associated physical link or remote end point is operationally down.		
Raising condition: (('compositeEquipmentState' EQUAL 'Link Down') OR ('compositeEquipmentState' EQUAL 'Oper Down'))		
Clearing condition: (('compositeEquipmentState' NOT EQUAL 'Link Down') AND ('compositeEquipmentState' NOT EQUAL 'Oper Down'))		
Remedial action: Please make sure that port has physical link and remote end point is operationally up.		

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Table 8-49 LowTemperatureDetected

Alarm	Attributes	Applicable major releases
Name: LowTemperatureDetected (1127) Type: environmentalAlarm (2) Package: equipment Raised on class: equipment.Shelf	Severity: major Implicitly cleared: true Default probable cause: equipmentOvercooled (838)	<ul style="list-style-type: none"> 7.0.0
Description: The alarm is raised when the chassis temperature falls below the minimum threshold.		
Raising condition: ('Low Temperature State' EQUAL 'Low')		
Clearing condition: ('Low Temperature State' NOT EQUAL 'Low')		
Remedial action: The NE has detected internal temperatures which are abnormally low. This may happen when the environment that the NE is operating in may not be within specifications found in the NE user guides.		

Table 8-50 macMoveRateExceeded (service)

Alarm	Attributes	Applicable major releases
Name: macMoveRateExceeded (3690) Type: accessInterfaceAlarm (40) Package: service Raised on class: service.AccessInterface	Severity: minor Implicitly cleared: true Default probable cause: MacMoveRateExceeded (1429)	<ul style="list-style-type: none"> 7.0.0
Description: The alarm is raised when the SAP exceeds the MAC Move Frequency of the service site.		
Raising condition: ('State Cause'anyBit'Relearn Limit Exceeded')		
Clearing condition: NOT (('State Cause'anyBit'Relearn Limit Exceeded'))		
Remedial action: Informational.		

Table 8-51 macMoveRateExceededNonBlock (service)

Alarm	Attributes	Applicable major releases
Name: macMoveRateExceededNonBlock (4893) Type: accessInterfaceAlarm (40) Package: service Raised on class: service.AccessInterface	Severity: info Implicitly cleared: true Default probable cause: MacMoveRateExceededNonBlock (1951)	<ul style="list-style-type: none"> 7.0.0
Description: The alarm is raised when the SAP exceeds the MAC Move Frequency of the service site when limitMacMove(sapTIsLimitMacMove) is set to 'nonBlocking'.		
Raising condition: ('State Cause'anyBit'Relearn Limit Exceeded')		
Clearing condition: NOT (('State Cause'anyBit'Relearn Limit Exceeded'))		
Remedial action: Informational - User can adjust the value of 'MAC Move Maximum Rate' to reduce the frequency of this alarm.		

Table 8-52 MepAISReceivedAlarm

Alarm	Attributes	Applicable major releases
Name: MepAISReceivedAlarm (2945) Type: oamAlarm (18) Package: ethernetOam Raised on class: ethernetOam.Mep	Severity: variable Implicitly cleared: true Default probable cause: missingRemoteMep (388)	<ul style="list-style-type: none"> 7.0.0
Description: The alarm is raised when a MEP receives AIS test frames from one or more of its sub-layer MEPs.		
Raising condition: (('AIS Received (AisRx)' EQUAL 'true') AND ('Facility VLAN ID' EQUAL '0'))		
Clearing condition: ('AIS Received (AisRx)' EQUAL 'false')		
Remedial action: This alarm indicates that it has received a MEP fault from a sub-layer MEP, user should investigate the fault cause on the sub-layer MEP and resolve this root cause issue.		

Table 8-53 MobileConnectorDown

Alarm	Attributes	Applicable major releases
Name: MobileConnectorDown (1064) Type: EpcAlarm (59) Package: Iteservice Raised on class: Iteservice.MobileServiceConnector	Severity: minor Implicitly cleared: true Default probable cause: EpcDown (519)	<ul style="list-style-type: none"> 7.0.0
Description: The alarm is raised when the 5620 SAM no longer manages the EPS path instance of this mobile service site. As a result, the service must be regenerated.		
Raising condition: ('EPS Path' EQUAL '\\"')		
Clearing condition: ('EPS Path' NOT EQUAL '\\"')		
Remedial action: The underlying transport network has gone down resulting in the deletion of a mobile service connector (EPS path). Correct the issue with the transport network and regenerate the mobile service connector by clicking on the re-calculate button on the mobile service properties form.		

Table 8-54 MvrSiteDown

Alarm	Attributes	Applicable major releases
Name: MvrSiteDown (162) Type: ProtocolAlarm (1) Package: layer2 Raised on class: layer2.MvrSite	Severity: warning Implicitly cleared: true Default probable cause: protocolDown (1)	<ul style="list-style-type: none"> 7.0.0
Description: The alarm is raised when MVR is disabled on an NE and a TLS VLAN or MVR VLAN service is provisioned on the NE.		
Raising condition: ('MVR Admin Status' EQUAL 'Disabled')		
Clearing condition: ('MVR Admin Status' EQUAL 'Enabled')		
Remedial action: To clear the alarm, enable MVR Admin Status under the Bridge Instance.		

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Table 8-55 NeManagementAndTrapManagementMismatch

Alarm	Attributes	Applicable major releases
Name: NeManagementAndTrapManagementMismatch (1079) Type: communicationsAlarm (4) Package: netw Raised on class: netw.NetworkElement	Severity: warning Implicitly cleared: true Default probable cause: neManagementChange (817)	<ul style="list-style-type: none"> 7.0.0
Description: This user-defined alarm is raised when the NE configuration is one of the following: - The Active Management IP is set to Out Of Band, and the Primary Route Preference is set to In Band. - The Active Management IP is set to In Band, and the Primary Route Preference is set to Out of Band.		
Raising condition: (((('Active Management IP' EQUAL 'In Band') AND (('Management IP Selection' EQUAL 'In Band Preferred') OR ('Management IP Selection' EQUAL 'In Band Only'))) AND ('Primary Route Preference' EQUAL 'Out Of Band') AND ('Secondary Route Preference' EQUAL 'In Band')) OR (('Active Management IP' EQUAL 'Out Of Band') AND (('Management IP Selection' EQUAL 'Out Of Band Preferred') OR ('Management IP Selection' EQUAL 'Out Of Band Only'))) AND ('Primary Route Preference' EQUAL 'In Band') AND ('Secondary Route Preference' EQUAL 'Out Of Band'))		
Clearing condition: (((('Active Management IP' EQUAL 'In Band') AND (('Management IP Selection' EQUAL 'In Band Preferred') OR ('Management IP Selection' EQUAL 'In Band Only'))) AND ('Primary Route Preference' EQUAL 'In Band')) OR (('Active Management IP' EQUAL 'Out Of Band') AND (('Management IP Selection' EQUAL 'Out Of Band Preferred') OR ('Management IP Selection' EQUAL 'Out Of Band Only'))) AND ('Primary Route Preference' EQUAL 'Out Of Band'))		
Remedial action: A configuration error has been made which must be corrected. The parameters described in the description for this alarm must match.		

Table 8-56 NewSsh2ServerKeyDetected

Alarm	Attributes	Applicable major releases
Name: NewSsh2ServerKeyDetected (285) Type: communicationsAlarm (4) Package: security Raised on class: security.KnownHostKey	Severity: warning Implicitly cleared: true Default probable cause: ssh2ServerKeyMismatch (217)	<ul style="list-style-type: none"> 7.0.0
Description: The alarm is raised when a 5620 SAM main server detects a new public SSH key.		
Raising condition: ('SSH2 Server Key Status' EQUAL 'Mismatch SSH2 Host Key')		
Clearing condition: ('SSH2 Server Key Status' EQUAL 'Active SSH2 Host Key')		
Remedial action: Informational - possible security breach. The SSH key of the router is different from the one known to the SAM server.		

Table 8-57 NodeDatabaseFallbackDetected

Alarm	Attributes	Applicable major releases
Name: NodeDatabaseFallbackDetected (2923) Type: communicationsAlarm (4) Package: netw Raised on class: netw.NetworkElement	Severity: major Implicitly cleared: true Default probable cause: nodeDatabaseFallback (1121)	<ul style="list-style-type: none"> 7.0.0
Description: The alarm is raised when a configuration fallback is detected on the node and comes back up with a previous configuration. To correct this situation it might be necessary to reconfigure the node, or perform full resync its database with the 'fallback' configuration returned by the node.		
Raising condition: ('State' EQUAL 'Node Configuration Fallback')		
Clearing condition: ('State' EQUAL 'Managed')		
Remedial action: the NE has come back to a previous configuration. Perform a manual Full Resync or a Reconfigure of the NE		

Table 8-58 NodeDatabaseMisalignmentDetected

Alarm	Attributes	Applicable major releases
Name: NodeDatabaseMisalignmentDetected (2924) Type: communicationsAlarm (4) Package: netw Raised on class: netw.NetworkElement	Severity: major Implicitly cleared: true Default probable cause: nodeDatabaseMisalignment (1122)	<ul style="list-style-type: none"> 7.0.0
Description: The alarm is raised when a configuration misalignment has been detected on the node and comes back up with an unexpected configuration (configuration change triggered by external tool) To correct this situation it might be necessary to reconfigure the node with the 5620 SAM's old configuration or accept the new configuration received from the node.		
Raising condition: ('State' EQUAL 'Node Configuration Misalignment')		
Clearing condition: ('State' EQUAL 'Managed')		
Remedial action: the NE configuration is misaligned. Perform a resync in order to update SAM configuration according to the NE.		

Table 8-59 NodeRebooted

Alarm	Attributes	Applicable major releases
Name: NodeRebooted (32) Type: equipmentAlarm (3) Package: netw Raised on class: netw.NetworkElement	Severity: warning Implicitly cleared: false Default probable cause: nodeReboot (25)	<ul style="list-style-type: none"> 7.0.0
Description: The alarm is raised when the 5620 SAM detects an NE reboot based on the latest NE sysUpTime value.		
Remedial action: Informational - if the alarm persists please contact Alcatel-Lucent support for assistance		

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Table 8-60 NodeSuspended

Alarm	Attributes	Applicable major releases
Name: NodeSuspended (5123) Type: communicationsAlarm (4) Package: netw Raised on class: netw.NetworkElement	Severity: critical Implicitly cleared: true Default probable cause: NodeSuspend (2057)	<ul style="list-style-type: none"> 7.0.0
Description: The alarm is raised when the 5620 SAM detects an NE moved to suspend state as per user request.		
Raising condition: ('SNMP Reachability' EQUAL 'Suspended')		
Clearing condition: ('SNMP Reachability' NOT EQUAL 'Suspended')		
Remedial action: This alarm is raised when user suspends the network element. The alarm will be cleared when the network element is managed back.		

Table 8-61 NTPOperDown

Alarm	Attributes	Applicable major releases
Name: NTPOperDown (4879) Type: communicationsAlarm (4) Package: ntp Raised on class: ntp.NTP	Severity: info Implicitly cleared: true Default probable cause: NTPOperDown (1943)	<ul style="list-style-type: none"> 7.0.0
Description: The alarm is generated when the NTP Operational State is down for NTP.		
Raising condition: (('Operational State' EQUAL 'Down') AND ('NTP State' EQUAL 'Enabled'))		
Clearing condition: (('Operational State' EQUAL 'Up') OR ('NTP State' EQUAL 'Disabled'))		
Remedial action: Please check if NTP is administratively enabled (Admin State in NTP General Tab). If admin state down, enable it to make NTP operationally up.		

Table 8-62 OrphanNodeDetected

Alarm	Attributes	Applicable major releases
Name: OrphanNodeDetected (4866) Type: discoveryControlAlarm (33) Package: netw Raised on class: netw.AdvertisedNode	Severity: major Implicitly cleared: true Default probable cause: nodeNotMangedByAnyEms (1934)	<ul style="list-style-type: none"> 7.0.0
Description: The alarm is raised when node is node managed by any EMS after n retries(threshold crossed) it is manually cleared by the operator or when the node is discovered.		
Raising condition: ('State' EQUAL 'Orphan')		
Remedial action: The NE is not managed by any SAM. Add an discovery rule in order to managed it.		

Table 8-63 OverTemperatureDetected

Alarm	Attributes	Applicable major releases
Name: OverTemperatureDetected (388) Type: environmentalAlarm (2) Package: equipment Raised on class: equipment.Shelf	Severity: major Implicitly cleared: true Default probable cause: equipmentOverheated (5)	<ul style="list-style-type: none"> 7.0.0
Description: The alarm is raised when the chassis temperature exceeds the maximum threshold value.		
Raising condition: ('Over Temperature State' EQUAL 'Over')		
Clearing condition: ('Over Temperature State' NOT EQUAL 'Over')		
Remedial action: The NE has detected internal temperatures which are abnormally high. This could be caused by a failed fan unit or one or more dirty fan filters. Replacing the failed unit or filters should resolve the problem. Alternately the environment that the NE is operating in may not be within specifications found in the NE user guides.		

Table 8-64 PartialResyncProblem

Alarm	Attributes	Applicable major releases
Name: PartialResyncProblem (4401) Type: communicationsAlarm (4) Package: netw Raised on class: netw.NetworkElement	Severity: warning Implicitly cleared: true Default probable cause: partialResyncProblem (1578)	<ul style="list-style-type: none"> 7.0.0
Description: The alarm is raised when a partial resync on an NE fails. For example, when resyncing only some MIB entries as opposed to a full resync. The periodic reachability test (sysUpTime) is not considered a partial resync, neither is a full resync. However, a PartialResyncProblem alarm can only be reset by a FullResync.		
Raising condition: ('partialResyncStatus' EQUAL 'Partial Resync Failed')		
Clearing condition: ('partialResyncStatus' EQUAL 'Partial Resync Done')		
Remedial action: Informational - if the alarm persists or is occurring frequently then investigation is required to understand a) why the underlying transport network is unreliable or b) why the NE is too busy to respond to 5620 SAM or c) has SNMP been disabled on the NE.		

Table 8-65 PersistentIndexParametersMisconfigured

Alarm	Attributes	Applicable major releases
Name: PersistentIndexParametersMisconfigured (173) Type: configurationAlarm (11) Package: netw Raised on class: netw.NetworkElement	Severity: major Implicitly cleared: true Default probable cause: persistentIndexConfigurationMismatch (136)	<ul style="list-style-type: none"> 7.0.0
Description: The alarm is raised when persistence is set to Off in the NE BOF.		
Raising condition: (('Persistent SNMP Indices' EQUAL 'False') OR (('hasRedundantProcessorCards' EQUAL 'true') AND ('Redundant Synchronization Mode' EQUAL 'None'))		

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Alarm	Attributes	Applicable major releases
Clearing condition: (('Persistent SNMP Indices' EQUAL 'True') AND (('hasRedundantProcessorCards' EQUAL 'false') OR ('Redundant Synchronization Mode' NOT EQUAL 'None')))		
Remedial action: A configuration error has occurred that must be corrected. Use the CLI on the NE to enable persistency in the BOF. The discovery process will complete on the next discovery scan. A re-scan can be triggered immediately for the NE from within the discovery manager		

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Table 8-66 PollerProblem

Alarm	Attributes	Applicable major releases
Name: PollerProblem (31) Type: communicationsAlarm (4) Package: netw Raised on class: netw.NetworkElement	Severity: warning Implicitly cleared: true Default probable cause: resyncFailed (24)	<ul style="list-style-type: none"> 7.0.0
Description: The alarm is raised when the 5620 SAM is unable to poll a network object, for example, because of intermittent or no IP connectivity to an NE, incorrect SNMP security parameters, or disabled SNMP on the NE.		
Raising condition: ('Resync Status' EQUAL 'Full Resync Failed')		
Clearing condition: ('Resync Status' EQUAL 'Full Resync Done')		
Remedial action: Informational - if the alarm persists or is occurring frequently then investigation is required to understand a) why the underlying transport network is unreliable or b) why the NE is too busy to respond to 5620 SAM or c) has SNMP been disabled on the NE. Once the issue has been resolved SAM will automatically re-attempt.		

Table 8-67 PortEtherSymMonSDAlarm

Alarm	Attributes	Applicable major releases
Name: PortEtherSymMonSDAlarm (5662) Type: communicationsAlarm (4) Package: ethernetequipment Raised on class: ethernetequipment.EthernetPortSpecifics	Severity: major Implicitly cleared: true Default probable cause: etherPortSymMonSDThresholdExceededAlarm (2439)	<ul style="list-style-type: none"> 7.0.0
Description: The alarm is raised when an Ethernet port Symbol Monitor Failure alarm condition is detected (Signal Degradation Threshold exceeded).		
Raising condition: ('Symbol Alarm Reason' EQUAL 'SD Threshold Exceeded')		
Clearing condition: ('Symbol Alarm Reason' NOT EQUAL 'SD Threshold Exceeded')		
Remedial action: Symbol monitor signal degradation alarm could be cleared by changing/disabling the associated threshold/multiplier values or it is self clearing and will clear once the error rate drops below 1/10th of the configured rate.		

Table 8-68 PortEtherSymMonSFAlarm

Alarm	Attributes	Applicable major releases
Name: PortEtherSymMonSFAlarm (5663) Type: communicationsAlarm (4) Package: ethernetequipment Raised on class: ethernetequipment.EthernetPortSpecifics	Severity: major Implicitly cleared: true Default probable cause: etherPortSymMonSFThresholdExceededAlarm (2440)	<ul style="list-style-type: none"> 7.0.0
Description: The alarm is raised when an Ethernet port Symbol Monitor Failure alarm condition is detected (Signal Failure Threshold exceeded).		
Raising condition: ('Symbol Alarm Reason' EQUAL 'SF Threshold Exceeded')		
Clearing condition: ('Symbol Alarm Reason' NOT EQUAL 'SF Threshold Exceeded')		
Remedial action: Symbol monitor signal failure alarm could be cleared by changing/disabling the associated threshold/multiplier values or by taking the port out of service (eg. shutdown, card/mda reset, physical link loss).		

Table 8-69 PowerSupplyFailure

Alarm	Attributes	Applicable major releases
Name: PowerSupplyFailure (633) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.PowerSupplyTray	Severity: critical Implicitly cleared: true Default probable cause: powerSupplyFailure (117)	<ul style="list-style-type: none"> 7.0.0
Description: The alarm is raised when a power-supply tray reports a failure. When the alarm is raised during device discovery, a power-supply tray may be out of service. When the alarm is raised while the device is in the managed state, a power-supply tray may be out of service or the AC power shelf has a fault condition. The alarm clears when the status changes to OK.		
Raising condition: (('Power Supply 1 Status' EQUAL 'Not Equipped') OR ('Power Supply 1 Status' EQUAL 'Failed'))		
Clearing condition: (('Power Supply 1 Status' EQUAL 'OK'))		
Remedial action: Ensure that the NE is properly connected to power. If the problem persists please contact Alcatel-Lucent support for assistance.		

Table 8-70 PowerSupplyInputFeedDown

Alarm	Attributes	Applicable major releases
Name: PowerSupplyInputFeedDown (5422) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.PowerSupplyTray	Severity: minor Implicitly cleared: true Default probable cause: powerSupplyInputFeedDown (2073)	<ul style="list-style-type: none"> 7.0.0
Description: This alarm is generated if any one of the input feeds for a given power supply is not supplying power.		
Raising condition: (('inputFeedStatus' EQUAL 'Input A Down') OR ('inputFeedStatus' EQUAL 'Input B Down') OR (('inputFeedStatus'allBits'Input A Down') AND ('inputFeedStatus'allBits'Input B Down'))		

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Alarm	Attributes	Applicable major releases
Clearing condition: ('inputFeedStatus' EQUAL 'None')		
Remedial action: Restore all of the input feeds that are not supplying power.		

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Table 8-71 PowerSupplyRemoved

Alarm	Attributes	Applicable major releases
Name: PowerSupplyRemoved (542) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.PowerSupplyTray	Severity: major Implicitly cleared: true Default probable cause: PowerSupplyRemoved (415)	<ul style="list-style-type: none"> 7.0.0
Description: The alarm is raised when a chassis power supply is removed.		
Raising condition: ('Power Supply 1 Status' EQUAL 'Not Equipped')		
Clearing condition: ('Power Supply 1 Status' NOT EQUAL 'Not Equipped')		
Remedial action: To recover from this event, the customer is requested to add a new power supply to the system, or change a faulty power supply with a working one.		

Table 8-72 PppLoopbackDetected

Alarm	Attributes	Applicable major releases
Name: PppLoopbackDetected (362) Type: configurationAlarm (11) Package: ppp Raised on class: ppp.Interface	Severity: major Implicitly cleared: true Default probable cause: PppLoopbackDetected (259)	<ul style="list-style-type: none"> 7.0.0
Description: The alarm is raised when the value of tmnxPppLocalMagicNumber is the same as the value of tmnxPppRemoteMagicNumber, which indicates that the link may be looped back.		
Raising condition: (('Local Magic Number' EQUAL 'Remote Magic Number') AND ('Local Magic Number' NOT EQUAL '0L'))		
Clearing condition: (('Local Magic Number' NOT EQUAL 'Remote Magic Number') OR ('Local Magic Number' EQUAL '0L'))		
Remedial action: Informational.		

Table 8-73 PrimaryImageBootFailure

Alarm	Attributes	Applicable major releases
Name: PrimaryImageBootFailure (191) Type: configurationAlarm (11) Package: sw Raised on class: sw.CardSoftware	Severity: warning Implicitly cleared: true Default probable cause: bootOptionFileMisconfigured (150)	<ul style="list-style-type: none"> 7.0.0
Description: The alarm is raised when the primary software image specified in an NE BOF is unusable.		
Raising condition: (('imageSource' NOT EQUAL 'Primary') AND ('imageSource' NOT EQUAL 'Unknown'))		
Clearing condition: (('imageSource' EQUAL 'Primary') OR ('imageSource' EQUAL 'Unknown'))		
Remedial action: The SW image on the NE may have been inadvertently corrupted. Download a new copy of the SW image to the NE. If the problem persists contact Alcatel-Lucent support for assistance.		

Table 8-74 PrimaryPathLimitReached

Alarm	Attributes	Applicable major releases
Name: PrimaryPathLimitReached (457) Type: resourceAlarm (28) Package: equipment Raised on class: equipment.DaughterCard	Severity: warning Implicitly cleared: true Default probable cause: resourceLimitReached (131)	<ul style="list-style-type: none"> 7.0.0
Description: The alarm is raised when the Ingress Multicast Path Management primary path bandwidth limit is reached.		
Raising condition: (('Primary Path Limit Override' > '0') AND ('Primary Path In use' >= (1000 * 'Primary Path Limit Override'))"		
Clearing condition: (('Primary Path Limit Override' > '0') AND ('Primary Path In use' < (1000 * 'Primary Path Limit Override'))"		
Remedial action: Informational - The alarm is raised when the Ingress Multicast Path Management primary path bandwidth limit is reached. This can be remedied by modifying the primary path limit located at T1 Paths tab of the multicast bandwidth policy which assigned to the card, or increase the primary path limit override located at the Daughter Card tab under Daughter Card Slot form.		

Table 8-75 PTPNotQualified

Alarm	Attributes	Applicable major releases
Name: PTPNotQualified (3611) Type: communicationsAlarm (4) Package: sonet Raised on class: sonet.SiteSync	Severity: minor Implicitly cleared: true Default probable cause: PTPNotQualified (1400)	<ul style="list-style-type: none"> 7.0.0
Description: The alarm is raised when PTP on an NE is not in the Qualified state.		
Raising condition: (('Qualified For Use' EQUAL 'Not Qualified'))		
Clearing condition: (('Qualified For Use' NOT EQUAL 'Not Qualified'))		
Remedial action: Check the communication path is up between the local PTP slave clock and its selected master		

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Table 8-76 PTPPeerLossOfAnnounce

Alarm	Attributes	Applicable major releases
Name: PTPPeerLossOfAnnounce (3608) Type: communicationsAlarm (4) Package: ptp Raised on class: ptp.IEEEPTPPeer	Severity: minor Implicitly cleared: true Default probable cause: PTPPeerLossOfAnnounce (1397)	<ul style="list-style-type: none"> 7.0.0
Description: The alarm is raised when the PTP peer is in the 'Packet Timing Signal Fail (Loss Announce)' state. This indicates that the PTP announce messages are not received from the remote master.		
Raising condition: (('Master GM Alarms'anyBit'Loss of Announce'))		
Clearing condition: NOT (('Master GM Alarms'anyBit'Loss of Announce'))		
Remedial action: Please check if Configured Peer IP address is reachable (ping <Peer Ip>) from the this SR node and PTP configuration is proper.		

Table 8-77 PTPPeerLossOfSync

Alarm	Attributes	Applicable major releases
Name: PTPPeerLossOfSync (3609) Type: communicationsAlarm (4) Package: ptp Raised on class: ptp.IEEEPTPPeer	Severity: minor Implicitly cleared: true Default probable cause: PTPPeerLossOfSync (1398)	<ul style="list-style-type: none"> 7.0.0
Description: The alarm is raised when the PTP peer is in the 'Packet Timing Signal Fail (Loss Sync)' state. This indicates that the PTP timing messages are not received from the remote master.		
Raising condition: (('Master GM Alarms'anyBit'Loss of Sync'))		
Clearing condition: NOT (('Master GM Alarms'anyBit'Loss of Sync'))		
Remedial action: Please check if Configured Peer IP address is reachable (ping <Peer Ip>) from the this SR node and PTP configuration is proper.		

Table 8-78 PTPReferenceLossOfSignal

Alarm	Attributes	Applicable major releases
Name: PTPReferenceLossOfSignal (3613) Type: communicationsAlarm (4) Package: sonet Raised on class: sonet.SiteSync	Severity: minor Implicitly cleared: true Default probable cause: PTPReferenceLossOfSignal (1402)	<ul style="list-style-type: none"> 7.0.0
Description: The alarm is raised when the PTP reference on an NE is not qualified due to Loss of Signal.		
Raising condition: (('Not Qualified Due To'anyBit'LOS'))		
Clearing condition: NOT (('Not Qualified Due To'anyBit'LOS'))		
Remedial action: Check the communication path is up between the local PTP slave clock and its selected master		

Table 8-79 PTPReferenceOutOfFrequency

Alarm	Attributes	Applicable major releases
Name: PTPReferenceOutOfFrequency (3614) Type: communicationsAlarm (4) Package: sonet Raised on class: sonet.SiteSync	Severity: minor Implicitly cleared: true Default probable cause: PTPReferenceOutOfFrequency (1403)	<ul style="list-style-type: none"> 7.0.0
Description: The alarm is raised when the PTP Reference on an NE is not qualified due to Out of frequency.		
Raising condition: (('Not Qualified Due To'anyBit'OOOF'))		
Clearing condition: NOT (('Not Qualified Due To'anyBit'OOOF'))		
Remedial action: Make sure that frequency configured for Reference One is correct.		

Table 8-80 PTPReferenceOutOfPollInRange

Alarm	Attributes	Applicable major releases
Name: PTPReferenceOutOfPollInRange (3615) Type: communicationsAlarm (4) Package: sonet Raised on class: sonet.SiteSync	Severity: minor Implicitly cleared: true Default probable cause: PTPReferenceOutOfPollInRange (1404)	<ul style="list-style-type: none"> 7.0.0
Description: The alarm is raised when the PTP Reference on an NE is not qualified state due to Out of poll in range.		
Raising condition: (('Not Qualified Due To'anyBit'OOPIR'))		
Clearing condition: NOT (('Not Qualified Due To'anyBit'OOPIR'))		
Remedial action: If there is packet flow, the PTP slave clock is in it's initial acquiring states where the sync-if-timing reference does not qualify just wait.		

Table 8-81 RadiusOperStatusDown

Alarm	Attributes	Applicable major releases
Name: RadiusOperStatusDown (3692) Type: radiusOperStatusDownAlarm (105) Package: netw Raised on class: netw.NetworkElement	Severity: critical Implicitly cleared: true Default probable cause: radiusOperationStatusDown (1431)	<ul style="list-style-type: none"> 7.0.0
Description: The alarm is raised when all RADIUS servers have gone down.		
Raising condition: ('Global RADIUS Operational State' EQUAL 'Down')		
Clearing condition: ('Global RADIUS Operational State' EQUAL 'Up')		
Remedial action: Verify the RADIUS server is properly configured and radius server state is up. Check the connectivity between SAM server and radius server configured on the Network element.		

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Table 8-82 ReachabilityProblem

Alarm	Attributes	Applicable major releases
Name: ReachabilityProblem (243) Type: communicationsAlarm (4) Package: netw Raised on class: netw.NetworkElement	Severity: major Implicitly cleared: true Default probable cause: ReachabilityTestFailed (176)	<ul style="list-style-type: none"> 7.0.0
Description: The alarm is raised when a mediation poll of the SysUpTimeAlarm object on an NE fails, for example, because of network congestion or because the NE is too busy to respond. The probable cause is an unreachable NE Mediation agent on the NE. The polling interval depends on the NE type and is configurable in nms-server.xml. By default, the 5620 SAM polls a managed NE every four minutes. If a poll fails, the alarm is raised. The alarm clears when the 5620 SAM receives a response from the NE, and the 5620 SAM GUI icon that represents the NE turns from red to green.		
Raising condition: ('SNMP Reachability' EQUAL 'Down')		
Remedial action: Informational - if the alarm persists or is occurring frequently then investigation is required to understand a) why the underlying transport network is unreliable or b) why the NE is too busy to respond to 5620 SAM or c) has SNMP been disabled on the NE. Once the issue has been resolved SAM will automatically re-attempt.		

Table 8-83 ReconfigFailure

Alarm	Attributes	Applicable major releases
Name: ReconfigFailure (1949) Type: communicationsAlarm (4) Package: netw Raised on class: netw.NetworkElement	Severity: critical Implicitly cleared: true Default probable cause: failedReconfig (937)	<ul style="list-style-type: none"> 7.0.0
Description: This alarm is raised when the reconfig action failed.		
Raising condition: ('State' EQUAL 'Failed')		
Clearing condition: ('State' NOT EQUAL 'Failed')		
Remedial action: Verify that the object is configured as expected.		

Table 8-84 RedundantMepMisconfiguration

Alarm	Attributes	Applicable major releases
Name: RedundantMepMisconfiguration (3631) Type: oamAlarm (18) Package: ethernetToam Raised on class: ethernetToam.Mep	Severity: minor Implicitly cleared: true Default probable cause: misconfiguredRedundantMep (1416)	<ul style="list-style-type: none"> 7.0.0
Description: The alarm is raised when an Active and Redundant MEP do not have the same ID, Operational MAC Address or Sub Group configured.		
Raising condition: ('validRedundantMepConfig' EQUAL 'false')		
Clearing condition: ('validRedundantMepConfig' EQUAL 'true')		

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Alarm	Attributes	Applicable major releases
Remedial action: MC-LAG redundant MEP configuration (MEP ID or Mac Address) for Active & Standby Interfaces do not match, this could cause issues with CFM or CCM tests if Active interface changes. Delete and Re-create Standby MEP to match Active.		

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Table 8-85 RedundantMepMissing

Alarm	Attributes	Applicable major releases
Name: RedundantMepMissing (3632) Type: oamAlarm (18) Package: ethernetToam Raised on class: ethernetToam.Mep	Severity: minor Implicitly cleared: true Default probable cause: missingRedundantMep (1417)	<ul style="list-style-type: none"> 7.0.0
Description: The alarm is raised when a MEP misses a redundant counterpart on LAG or SAP.		
Raising condition: (('MC-LAG Inactive' NOT EQUAL 'Not Applicable') AND ('Redundant MEP' EQUAL '\'))		
Clearing condition: (('MC-LAG Inactive' EQUAL 'Not Applicable') OR (('MC-LAG Inactive' NOT EQUAL 'Not Applicable') AND ('Redundant MEP' NOT EQUAL '\')))		
Remedial action: MC-LAG redundant MEP is missing Active & Standby Interfaces, this will cause issues with CFM or CCM tests if Active interface changes. Create missing Active/Standby MEP to match existing.		

Table 8-86 RemoteMepCCMAAlarm

Alarm	Attributes	Applicable major releases
Name: RemoteMepCCMAAlarm (502) Type: oamAlarm (18) Package: ethernetToam Raised on class: ethernetToam.Mep	Severity: major Implicitly cleared: true Default probable cause: missingRemoteMep (388)	<ul style="list-style-type: none"> 7.0.0
Description: The alarm is raised when a MEP loses connectivity with one or more remote MEPs. The Remote MEP DB State tab on a MEP lists the missing remote MEPs.		
Raising condition: ('High-Priority Defect' NOT EQUAL '0')		
Clearing condition: ('High-Priority Defect' EQUAL '0')		
Remedial action: MEP has lost communication with Remote MEP defined in Maintenance Association (MEG) Remote MEP list, Either Remote MEP list is incorrect or diagnose connection fault and resolve.		

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Table 8-87 SaveConfigFailed

Alarm	Attributes	Applicable major releases
Name: SaveConfigFailed (105) Type: configurationAlarm (11) Package: sw Raised on class: sw.BackupRestoreManager	Severity: major Implicitly cleared: true Default probable cause: fileAccessError (90)	<ul style="list-style-type: none"> 7.0.0
Description: The alarm is raised when the admin save command on an NE fails.		
Raising condition: ('Config Save State' EQUAL 'Failure')		
Clearing condition: ('Config Save State' EQUAL 'Success')		
Remedial action: Attempt the admin save command a second time. If the problem persists please contact Alcatel-Lucent support for assistance.		

Table 8-88 ScheduledPollerProblem

Alarm	Attributes	Applicable major releases
Name: ScheduledPollerProblem (4386) Type: communicationsAlarm (4) Package: netw Raised on class: netw.NetworkElement	Severity: warning Implicitly cleared: true Default probable cause: scheduledResyncFailed (1569)	<ul style="list-style-type: none"> 7.0.0
Description: The alarm is raised when the 5620 SAM is unable to poll a network object, for example, because of intermittent or no IP connectivity to an NE, incorrect SNMP security parameters, or disabled SNMP on the NE.		
Raising condition: ('Scheduled Resync Status' EQUAL 'Scheduled Resync Failed')		
Clearing condition: ('Scheduled Resync Status' EQUAL 'Scheduled Resync Done')		
Remedial action: Informational - if the alarm persists or is occurring frequently then investigation is required to understand a) why the underlying transport network is unreliable or b) why the NE is too busy to respond to 5620 SAM or c) has SNMP been disabled on the NE. Once the issue has been resolved SAM will automatically re-attempt.		

Table 8-89 SecondaryPathLimitReached

Alarm	Attributes	Applicable major releases
Name: SecondaryPathLimitReached (458) Type: resourceAlarm (28) Package: equipment Raised on class: equipment.DaughterCard	Severity: warning Implicitly cleared: true Default probable cause: resourceLimitReached (131)	<ul style="list-style-type: none"> 7.0.0
Description: The alarm is raised when the Ingress Multicast Path Management secondary path bandwidth limit is reached.		
Raising condition: (('Secondary Path Limit Override' > '0') AND ('Secondary Path In use' >= (1000 * 'Secondary Path Limit Override'))"		
Clearing condition: (('Secondary Path Limit Override' > '0') AND ('Secondary Path In use' < (1000 * 'Secondary Path Limit Override'))"		

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Alarm	Attributes	Applicable major releases
<p>Remedial action: Informational - The alarm is raised when the Ingress Multicast Path Management secondary path bandwidth limit is reached. This can be remedied by modifying the secondary path limit located at T1 Paths tab of the multicast bandwidth policy which assigned to the card, or increase the secondary path limit override located at the Daughter Card tab under Daughter Card Slot form.</p>		

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Table 8-90 ServiceSiteDown

Alarm	Attributes	Applicable major releases
<p>Name: ServiceSiteDown (97) Type: serviceAlarm (16) Package: service Raised on class: service.Site</p>	<p>Severity: critical Implicitly cleared: true Default probable cause: siteDown (83)</p>	<ul style="list-style-type: none"> 7.0.0
<p>Description: The alarm is raised when all SAPs on a site are operationally down, or when the service tunnels for the site are operationally down.</p>		
<p>Raising condition: (('Operational State' NOT EQUAL 'Up') AND ('State Cause' NOT EQUAL 'All Spoke SDP Bindings are Standby'))</p>		
<p>Clearing condition: (('Operational State' EQUAL 'Up') OR ('State Cause' EQUAL 'All Spoke SDP Bindings are Standby'))</p>		
<p>Remedial action: The network resources (i.e. physical ports for SAPs, or physical ports/LSP) associated with the service site should be examined to determine if/why they are operationally down. The underlying transport network supporting the site may also be unreliable.</p>		

Table 8-91 StatsRetrieveFailed

Alarm	Attributes	Applicable major releases
<p>Name: StatsRetrieveFailed (244) Type: configurationAlarm (11) Package: sw Raised on class: sw.AccountingStatsRetrievalManager</p>	<p>Severity: major Implicitly cleared: false Default probable cause: fileTransferFailure (89)</p>	<ul style="list-style-type: none"> 7.0.0
<p>Description: The alarm is raised when the 5620 SAM main or auxiliary server cannot transfer an accounting file from an NE.</p>		
<p>Raising condition: (('Stats Retrieval State' NOT EQUAL 'Success') AND ('Stats Retrieval State' NOT EQUAL 'Not Attempted'))</p>		
<p>Remedial action: Informational - if the alarm persists or is occurring frequently then investigation is required to understand a) why the underlying transport network is unreliable or b) why the NE is too busy or otherwise cannot respond to the 5620 SAM main or auxiliary server.</p>		

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Table 8-92 SubscriberSystemNextHopUsageHigh

Alarm	Attributes	Applicable major releases
Name: SubscriberSystemNextHopUsageHigh (5157) Type: thresholdCrossed (6) Package: netw Raised on class: netw.NetworkElement	Severity: minor Implicitly cleared: true Default probable cause: resourceFull (53)	<ul style="list-style-type: none"> 7.0.0
Description: The alarm is raised when the IP next-hop usage by subscriber managed routes reaches its high watermark, cleared when it reaches its low watermark again; the watermarks are derived from the limit specified with the property subSysNextHopLimit.		
Raising condition: ('IP Next Hop Usage High' EQUAL 'true')		
Clearing condition: ('IP Next Hop Usage High' EQUAL 'false')		
Remedial action: The alarm is raised when the IP next-hop usage by subscriber managed routes reaches its high watermark, cleared when it reaches its low watermark again; the watermarks are derived from the limit specified with the property subSysNextHopLimit. There is no immediate effect, but when the usage actually hits the limit, new hosts will not get their managed routes.		

Table 8-93 SubSysChassMemoryUsageHi

Alarm	Attributes	Applicable major releases
Name: SubSysChassMemoryUsageHi (5656) Type: thresholdCrossed (6) Package: equipment Raised on class: equipment.Shelf	Severity: minor Implicitly cleared: true Default probable cause: resourceFull (53)	<ul style="list-style-type: none"> 7.0.0
Description: This alarm is raised when the memory usage by subscriber management on this system or chassis reaches its high watermark ('true').		
Raising condition: ('Memory Usage High' EQUAL 'True')		
Clearing condition: (('Memory Usage High' EQUAL 'False') OR ('Memory Usage High' EQUAL 'unspecified'))		
Remedial action: The memory usage by subscriber management on this system has reached its high watermark. Please check your memory usage.		

Table 8-94 TemperatureThresholdCrossed

Alarm	Attributes	Applicable major releases
Name: TemperatureThresholdCrossed (7) Type: environmentalAlarm (2) Package: equipment Raised on class: equipment.Environment	Severity: major Implicitly cleared: true Default probable cause: equipmentOverheated (5)	<ul style="list-style-type: none"> 7.0.0
Description: The alarm is raised when a temperature crosses a threshold.		
Raising condition: ('temperatureThresholdCrossed' EQUAL 'true')		

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Alarm	Attributes	Applicable major releases
Clearing condition: ('temperatureThresholdCrossed' EQUAL 'false')		
Remedial action: The NE has detected internal temperatures which are abnormally high. This could be caused by a failed fan unit or one or more dirty fan filters. Replacing the failed unit or filters should resolve the problem. Alternately the environment that the NE is operating in may not be within specifications found in the NE user guides.		

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Table 8-95 TmxEqPortEtherLoopDetected

Alarm	Attributes	Applicable major releases
Name: TmxEqPortEtherLoopDetected (461) Type: portEtherLoopDetected (48) Package: ethernetequipment Raised on class: ethernetequipment.EthernetPortSpecifics	Severity: major Implicitly cleared: true Default probable cause: HighBer (238)	<ul style="list-style-type: none"> 7.0.0
Description: The alarm is raised when a device detects a physical loop on an Ethernet port.		
Raising condition: (('Down When Looped Status' EQUAL 'Loop Detected'))		
Clearing condition: (('Down When Looped Status' EQUAL 'No Loop Detected'))		
Remedial action: An Ethernet port has been mis-cabled - please remove the loopback cable on the port.		

Table 8-96 TrapDestinationMisconfigured

Alarm	Attributes	Applicable major releases
Name: TrapDestinationMisconfigured (33) Type: configurationAlarm (11) Package: netw Raised on class: netw.NetworkElement	Severity: major Implicitly cleared: true Default probable cause: trapDestinationMisconfigured (26) Applicable probable causes: <ul style="list-style-type: none"> trapDestinationMisconfigured duplicateTrapLogId 	<ul style="list-style-type: none"> 7.0.0
Description: The alarm is raised when the 5620 SAM cannot be added to the NE's SNMP trap destinations.		
Raising condition: ('isTrapDestinationMisconfigured' EQUAL 'true')		
Clearing condition: ('isTrapDestinationMisconfigured' EQUAL 'false')		
Remedial action: A configuration error has been made which must be corrected. The SNMP trap destination on the NE must be configured to the IP address of the SAM server.		

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Table 8-97 TrapReceivingFailure

Alarm	Attributes	Applicable major releases
Name: TrapReceivingFailure (1083) Type: communications (87) Package: netw Raised on class: netw.NetworkElement	Severity: major Implicitly cleared: false Default probable cause: trapsWillNotBeSent (822)	<ul style="list-style-type: none"> 7.0.0
Description: This user-defined alarm is raised when the NE is unable to send traps because the NE configuration is one of the following: - The Management IP Selection is set to Out Of Band Only, the Primary Route Preference is set to In Band, and the Secondary Route Preference is set to None. - The Management IP Selection is set to In Band Only, the Primary Route Preference is set to Out Of Band, and the Secondary Route Preference is set to None.		
Raising condition: (((('Active Management IP' EQUAL 'In Band') AND ('Management IP Selection' EQUAL 'In Band Only') AND ('Primary Route Preference' EQUAL 'Out Of Band') AND ('Secondary Route Preference' EQUAL 'None')) OR (('Active Management IP' EQUAL 'Out Of Band') AND ('Management IP Selection' EQUAL 'Out Of Band Only') AND ('Primary Route Preference' EQUAL 'In Band') AND ('Secondary Route Preference' EQUAL 'None')) OR (('Active Management IP' EQUAL 'Out Of Band') AND ('Management IP Selection' EQUAL 'In Band Preferred') AND ('Primary Route Preference' EQUAL 'In Band') AND ('Secondary Route Preference' EQUAL 'None')) OR (('Active Management IP' EQUAL 'In Band') AND ('Management IP Selection' EQUAL 'Out Of Band Preferred') AND ('Primary Route Preference' EQUAL 'Out Of Band') AND ('Secondary Route Preference' EQUAL 'None'))))		
Clearing condition: (((('Active Management IP' EQUAL 'In Band') AND ('Management IP Selection' EQUAL 'In Band Only') AND (('Primary Route Preference' EQUAL 'In Band') OR ('Secondary Route Preference' EQUAL 'In Band')) OR (('Active Management IP' EQUAL 'Out Of Band') AND ('Management IP Selection' EQUAL 'Out Of Band Only') AND (('Primary Route Preference' EQUAL 'Out Of Band') OR ('Secondary Route Preference' EQUAL 'Out Of Band')) OR (('Active Management IP' EQUAL 'Out Of Band') AND ('Management IP Selection' EQUAL 'In Band Preferred') AND (('Primary Route Preference' EQUAL 'Out Of Band') OR ('Secondary Route Preference' EQUAL 'Out Of Band')) OR (('Active Management IP' EQUAL 'In Band') AND ('Management IP Selection' EQUAL 'In Band Preferred') AND (('Primary Route Preference' EQUAL 'In Band') OR ('Secondary Route Preference' EQUAL 'In Band')) OR (('Active Management IP' EQUAL 'In Band') AND ('Management IP Selection' EQUAL 'Out Of Band Preferred') AND (('Primary Route Preference' EQUAL 'In Band') OR ('Secondary Route Preference' EQUAL 'In Band')) OR (('Active Management IP' EQUAL 'Out Of Band') AND ('Management IP Selection' EQUAL 'Out Of Band Preferred') AND (('Primary Route Preference' EQUAL 'Out Of Band') OR ('Secondary Route Preference' EQUAL 'Out Of Band'))))		
Remedial action: A configuration error has been made which must be corrected. The configuration error must be corrected per the discussion in the description for this alarm.		

Table 8-98 TrapRoutePreferenceRedundancyMissing

Alarm	Attributes	Applicable major releases
Name: TrapRoutePreferenceRedundancyMissing (1084) Type: communications (87) Package: netw Raised on class: netw.NetworkElement	Severity: warning Implicitly cleared: true Default probable cause: trapsRedundancyMissing (823)	<ul style="list-style-type: none"> 7.0.0
Description: The user-defined alarm is raised when NE management redundancy is configured without trap route preference redundancy.		
Raising condition: (((('Management IP Selection' EQUAL 'In Band Preferred') AND ('Active Management IP' EQUAL 'In Band') AND ('Primary Route Preference' EQUAL 'In Band') AND ('Secondary Route Preference' EQUAL 'None')) OR (('Management IP Selection' EQUAL 'Out Of Band Preferred') AND ('Active Management IP' EQUAL 'Out Of Band') AND ('Primary Route Preference' EQUAL 'Out Of Band') AND ('Secondary Route Preference' EQUAL 'None'))))		
Clearing condition: (((('Management IP Selection' EQUAL 'In Band Preferred') AND ('Active Management IP' EQUAL 'In Band') AND ('Secondary Route Preference' NOT EQUAL 'None')) OR (('Management IP Selection' EQUAL 'Out Of Band Preferred') AND ('Active Management IP' EQUAL 'Out Of Band') AND ('Secondary Route Preference' NOT EQUAL 'None'))))		

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Alarm	Attributes	Applicable major releases
Remedial action: A configuration error has been made which must be corrected. The IP address of the standby SAM server must be configured on the NE in question.		

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Table 8-99 UnidentifiedNode

Alarm	Attributes	Applicable major releases
Name: UnidentifiedNode (1922) Type: communicationsAlarm (4) Package: netw Raised on class: netw.DiscoveredNode	Severity: major Implicitly cleared: true Default probable cause: unidentifiedNode (922)	<ul style="list-style-type: none"> 7.0.0
Description: The alarm is raised when the node being discovered can not be properly identified.		
Raising condition: ('State' EQUAL 'Pending Identification')		
Clearing condition: ('State' NOT EQUAL 'Pending Identification')		
Remedial action: A configuration error has occurred that must be corrected. The eNodeB does not have a system name. The name can be configured by selecting the alarm, opening the associated properties form for the alarmed object and configuring the system name.		

Table 8-100 UnmanageFailed

Alarm	Attributes	Applicable major releases
Name: UnmanageFailed (300) Type: discoveryControlAlarm (33) Package: netw Raised on class: netw.NodeDiscoveryControl	Severity: warning Implicitly cleared: true Default probable cause: unableToDeleteNode (231)	<ul style="list-style-type: none"> 7.0.0
Description: The alarm is raised when an attempt to unmanage an NE fails.		
Raising condition: ('Site State' EQUAL 'Unmanage Failed')		
Clearing condition: ('Site State' NOT EQUAL 'Unmanage Failed')		
Remedial action: Informational - if the alarm persists please contact Alcatel-Lucent support for assistance		

Table 8-101 UpgradedBuildVersionMismatch

Alarm	Attributes	Applicable major releases
Name: UpgradedBuildVersionMismatch (174) Type: configurationAlarm (11) Package: netw Raised on class: netw.NetworkElement	Severity: warning Implicitly cleared: true Default probable cause: upgradedImageNotBooted (137)	<ul style="list-style-type: none"> 7.0.0

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Alarm	Attributes	Applicable major releases
Description: The alarm is raised when the software version that an NE reports after a software upgrade does not match the version of the software used for the upgrade.		
Raising condition: ('upgradedBuildVersionMismatch' EQUAL 'true')		
Clearing condition: ('upgradedBuildVersionMismatch' EQUAL 'false')		
Remedial action: Informational - if the alarm persists please contact Alcatel-Lucent support for assistance		

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Table 8-102 upgradedCardAlarm

Alarm	Attributes	Applicable major releases
Name: upgradedCardAlarm (255) Type: softwareAlarm (19) Package: equipment Raised on class: equipment.Card	Severity: warning Implicitly cleared: true Default probable cause: upgradedCard (194)	<ul style="list-style-type: none"> 7.0.0
Description: The alarm is raised when the standby CPM is rebooted and operational after a software upgrade. A device resets an IOM automatically after 120 minutes if the IOM is not manually reset after a CPM upgrade.		
Raising condition: ('operationalState' EQUAL 'Upgrade')		
Clearing condition: ('operationalState' EQUAL 'Up')		
Remedial action: Informational - no corrective action required.		

Table 8-103 VersionConfigRestoreFailed

Alarm	Attributes	Applicable major releases
Name: VersionConfigRestoreFailed (536) Type: configurationAlarm (11) Package: sw Raised on class: sw.BackupRestoreManager	Severity: major Implicitly cleared: true Default probable cause: versionMismatch (405)	<ul style="list-style-type: none"> 7.0.0
Description: The alarm is raised when the restore procedure on an NE fails because of a mismatch between the backup file set version and the NE software version.		
Raising condition: ('lastNmsVersionRestoreState' EQUAL 'Failure')		
Clearing condition: ('lastNmsVersionRestoreState' EQUAL 'Success')		
Remedial action: The backup files being restored do not match with the version of node software release. Download a new copy of the SW image to the NE. If the problem persists contact Alcatel-Lucent support for assistance.		

Table 8-104 WrongCpaaSoftwareVersion

Alarm	Attributes	Applicable major releases
Name: WrongCpaaSoftwareVersion (791) Type: equipmentAlarm (3) Package: netw Raised on class: netw.NetworkElement	Severity: critical Implicitly cleared: true Default probable cause: wrongCpaaSoftwareVersion (559)	<ul style="list-style-type: none"> 7.0.0
Description: The alarm is raised when the 7701 CPAA software is the wrong version and requires an upgrade.		
Raising condition: (('Software Version' EQUAL '\TiMOS-B-3.0.Generic \') AND ('Chassis Type' EQUAL '7701 CPAA'))		
Clearing condition: (('Software Version' NOT EQUAL '\TiMOS-B-3.0.Generic \') AND ('Chassis Type' EQUAL '7701 CPAA'))		
Remedial action: The SW version of the CPAA must be upgraded to the version compatible with CPAM version.		

Table 8-105 XplError

Alarm	Attributes	Applicable major releases
Name: XplError (573) Type: hardwareAnomaly (55) Package: equipment Raised on class: equipment.DaughterCard	Severity: minor Implicitly cleared: true Default probable cause: xplError (443)	<ul style="list-style-type: none"> 7.0.0
Description: The alarm is raised when an MDA reports persistent XPL Errors.		
Raising condition: ('Number Of Notifications' NOT EQUAL '0')		
Clearing condition: ('Number Of Notifications' EQUAL '0')		
Remedial action: Informational - if the condition persists then the MDA indicated in the alarm should be replaced.		

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Note — Some alarms that the 5620 SAM can raise against this device may not be listed in this chapter. Associating alarms with specific NE types is an ongoing Alcatel-Lucent effort. If the 5620 SAM raises an alarm against this device type, and the alarm is not described in this chapter, see chapter 41 for information about the alarm.

Table 9-1 AccessInterfaceDown

Alarm	Attributes	Applicable major releases
Name: AccessInterfaceDown (249) Type: AccessInterfaceAlarm (32) Package: service Raised on class: service.AccessInterface	Severity: critical Implicitly cleared: true Default probable cause: interfaceDown (32)	<ul style="list-style-type: none"> • 4.0.0 • 5.0.0 • 6.0.0 • 7.0.0
Description: The alarm is raised when an L2 or L3 interface operational state is Down. The alarm is not raised against an L2 access interface that is associated with an MC ring or MC LAG in the standby state.		
Raising condition: (('Operational State' NOT EQUAL 'Up') AND ('State Cause' NOT EQUAL 'Standby For MC-Ring') AND ('State Cause' NOT EQUAL 'Standby For MC-Lag') AND ('State Cause' NOT EQUAL 'Standby For BGP Multi-homing'))		
Clearing condition: (('Operational State' EQUAL 'Up') OR ('State Cause' EQUAL 'Standby For MC-Ring') OR ('State Cause' EQUAL 'Standby For MC-Lag') OR ('State Cause' EQUAL 'Standby For BGP Multi-homing'))		
Remedial action: The condition exists because the physical interface is down either because it is administratively disabled, faulty or a cabling fault has occurred. Ensure that the interface is administratively up. Check for a poor cable connection to the port or for a faulty cable/fiber. If neither appears to be the problem run diagnostics on the port to determine if it is faulty.		

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Table 9-2 ActiveAbnormalCondition

Alarm	Attributes	Applicable major releases
Name: ActiveAbnormalCondition (3938) Type: activeAbnormalConditionAlarm (116) Package: netw Raised on class: netw.NetworkElement	Severity: major Implicitly cleared: true Default probable cause: ActiveAbnormalConditionState (1520)	<ul style="list-style-type: none"> • 4.0.0 • 5.0.0 • 6.0.0 • 7.0.0
Description: The alarm is an indication for abnormal condition on NE.		
Raising condition: ('abnormalCondition' EQUAL 'true')		
Clearing condition: ('abnormalCondition' EQUAL 'false')		
Remedial action: This alarm is raised when there is a abnormal state indication on NE.		

Table 9-3 AggregatedVFLPortDown

Alarm	Attributes	Applicable major releases
Name: AggregatedVFLPortDown (5436) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.Shelf	Severity: critical Implicitly cleared: true Default probable cause: connectivityIssue (2137)	<ul style="list-style-type: none"> • 4.0.0 • 5.0.0 • 6.0.0 • 7.0.0
Description: The alarm is generated when the aggregated virtual fabric link on the virtual chassis slot is down.		
Raising condition: (('Shelf Type' EQUAL '7850') AND ('Total Slots' EQUAL '4') AND ('Virtual Fabric Link State' NOT EQUAL 'Up'))		
Clearing condition: (('Shelf Type' EQUAL '7850') AND ('Total Slots' EQUAL '4') AND ('Virtual Fabric Link State' EQUAL 'Up'))		
Remedial action: The alarm is raised when the aggregated virtual fabric link on the virtual chassis is down. Please check the virtual fabric links for the virtual chassis setup.		

Table 9-4 AGWDiameterPeerDown

Alarm	Attributes	Applicable major releases
Name: AGWDiameterPeerDown (844) Type: EpcAlarm (59) Package: Ite Raised on class: Ite.AGWDiameterPeer	Severity: variable Implicitly cleared: true Default probable cause: EPSPeerDown (602)	<ul style="list-style-type: none"> • 4.0.0 • 5.0.0 • 6.0.0 • 7.0.0
Description: The alarm is raised when the path management state of a Diameter peer changes to a state other than Up.		
Raising condition: ('Path Diameter Management State' NOT EQUAL 'Active')		
Clearing condition: ('Path Diameter Management State' EQUAL 'Active')		
Remedial action: A Ga reference point (peer) is operationally down for one of the following reasons: the underlying IP or physical interface is down, the far end peer is down or the underlying transport between this NE and the peer NE is down. To resolve the issue ensure that the IP/physical interface is up, check that the far end peer is operational and check that the underlying transport network is up.		

Table 9-5 AncillaryPathLimitReached

Alarm	Attributes	Applicable major releases
Name: AncillaryPathLimitReached (459) Type: resourceAlarm (28) Package: equipment Raised on class: equipment.DaughterCard	Severity: warning Implicitly cleared: true Default probable cause: resourceLimitReached (131)	<ul style="list-style-type: none"> • 4.0.0 • 5.0.0 • 6.0.0 • 7.0.0
Description: The alarm is raised when the Ingress Multicast Path Management ancillary path bandwidth limit is reached.		
Raising condition: (('Ancillary Path Limit Override' > '0') AND ('Ancillary Path In use' >= " (1000 * 'Ancillary Path Limit Override')"))		
Clearing condition: (('Ancillary Path Limit Override' > '0') AND ('Ancillary Path In use' < (1000 * 'Ancillary Path Limit Override'))		
Remedial action: Informational - The alarm is raised when the Ingress Multicast Path Management ancillary path bandwidth limit is reached. This can be remedied by modifying the ancillary path limit located at T1 Paths tab of the multicast bandwidth policy which assigned to the card, or increase the ancillary path limit override located at the Daughter Card tab under Daughter Card Slot form.		

Table 9-6 AreaTypeMismatch

Alarm	Attributes	Applicable major releases
Name: AreaTypeMismatch (38) Type: configurationAlarm (11) Package: ospf Raised on class: ospf.Area	Severity: warning Implicitly cleared: true Default probable cause: areaTypeMisconfigured (34)	<ul style="list-style-type: none"> • 4.0.0 • 5.0.0 • 6.0.0 • 7.0.0
Description: The alarm is raised when an OSPF area on one NE is configured as an NSSA and the same OSPF area on another NE is configured as a stub area.		
Raising condition: ('Type Mismatch' EQUAL 'true')		
Clearing condition: ('Type Mismatch' EQUAL 'false')		
Remedial action: A configuration error has been made which must be corrected. The OSPF area type configured for the NE does not match with the same OSPF area configured on another NE. Compare the configuration on the endpoint and correct the mismatch.		

Table 9-7 AsymmetricalConfig (multichassis)

Alarm	Attributes	Applicable major releases
Name: AsymmetricalConfig (295) Type: configurationAlarm (11) Package: multichassis Raised on classes: <ul style="list-style-type: none"> • multichassis.AbstractMultiChassisLag • multichassis.MultiChassisLagMember • multichassis.AbstractMultiChassisPeer 	Severity: major Implicitly cleared: true Default probable cause: asymmetricalConfig (226)	<ul style="list-style-type: none"> • 4.0.0 • 5.0.0 • 6.0.0 • 7.0.0
Description: The alarm is raised when there is a peer configuration mismatch that prevents MC operation.		

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Alarm	Attributes	Applicable major releases
Raising condition: ('Config Mismatches' NOT EQUAL '0L')		
Clearing condition: ('Config Mismatches' EQUAL '0L')		
Remedial action: Check configurations on both members to see anything not matched.		

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Table 9-8 AuthKeyConflict (rsvp)

Alarm	Attributes	Applicable major releases
Name: AuthKeyConflict (5188) Type: processingErrorAlarm (81) Package: rsvp Raised on class: rsvp.AuthenticationKey	Severity: warning Implicitly cleared: true Default probable cause: AuthKeyConflict (2103)	<ul style="list-style-type: none"> • 4.0.0 • 5.0.0 • 6.0.0 • 7.0.0
Description: The alarm is raised when both Authentication Key and RSVP Keychain are configured. RSVP Keychain will be used.		
Raising condition: (('RSVP Keychain' NOT EQUAL '') AND ('enableAuthentication' EQUAL 'true'))		
Clearing condition: (('RSVP Keychain' EQUAL '') OR ('enableAuthentication' NOT EQUAL 'true'))		
Remedial action: Authentication Key and RSVP Keychain are both configured. RSVP Keychain will be used. The alarm is cleared when only one is configured.		

Table 9-9 AuxiliaryServerStatus

Alarm	Attributes	Applicable major releases
Name: AuxiliaryServerStatus (311) Type: communicationsAlarm (4) Package: server Raised on class: server.AuxiliaryServer	Severity: critical Implicitly cleared: true Default probable cause: systemFailed (144)	<ul style="list-style-type: none"> • 4.0.0 • 5.0.0 • 6.0.0 • 7.0.0
Description: The alarm is raised when a 5620 SAM main server cannot communicate with an auxiliary server. The alarm clears when communication is restored.		
Raising condition: ('Server Status' EQUAL 'Down')		
Clearing condition: ('Server Status' EQUAL 'Up')		
Remedial action: Informational - if the alarm persists or is occurring frequently then investigation is required to understand why the connectivity between the AUX and SAM servers is unreliable.		

Table 9-10 BfdInterfaceConnectionBroken

Alarm	Attributes	Applicable major releases
Name: BfdInterfaceConnectionBroken (3329) Type: serviceAlarm (16) Package: vrrp Raised on class: vrrp.BfdInterface	Severity: minor Implicitly cleared: true Default probable cause: bfdSessionConnectionBroken (593)	<ul style="list-style-type: none"> • 5.0.0 • 6.0.0 • 7.0.0
Description: The alarm is raised when the BFD connection to a peer times out.		
Raising condition: ('Operational State' EQUAL 'Timed Out')		
Clearing condition: ('Operational State' NOT EQUAL 'Timed Out')		
Remedial action: Check the peer router, fix the BFD connection		

Table 9-11 BfdInterfaceConnectionDown

Alarm	Attributes	Applicable major releases
Name: BfdInterfaceConnectionDown (3330) Type: serviceAlarm (16) Package: vrrp Raised on class: vrrp.BfdInterface	Severity: minor Implicitly cleared: true Default probable cause: bfdSessionDown (346)	<ul style="list-style-type: none"> • 5.0.0 • 6.0.0 • 7.0.0
Description: The alarm is raised when the Operational State of a BFD session is Not Connected.		
Raising condition: ('Operational State' NOT EQUAL 'Operational')		
Clearing condition: ('Operational State' EQUAL 'Operational')		
Remedial action: Check the BFD interface configuration, fix the BFD connection		

Table 9-12 BfdInterfaceConnectionPeerDetectsDown

Alarm	Attributes	Applicable major releases
Name: BfdInterfaceConnectionPeerDetectsDown (3331) Type: serviceAlarm (16) Package: vrrp Raised on class: vrrp.BfdInterface	Severity: minor Implicitly cleared: true Default probable cause: bfdSessionConnectionPeerDetectsDown (594)	<ul style="list-style-type: none"> • 5.0.0 • 6.0.0 • 7.0.0
Description: The alarm is raised when a BFD peer detects a connection timeout.		
Raising condition: ('Operational State' EQUAL 'Down')		
Clearing condition: ('Operational State' NOT EQUAL 'Down')		
Remedial action: Fix the BFD connection		

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Table 9-13 BgpDown

Alarm	Attributes	Applicable major releases
Name: BgpDown (6) Type: ProtocolAlarm (1) Package: bgp Raised on class: bgp.Site	Severity: critical Implicitly cleared: true Default probable cause: protocolDown (1)	<ul style="list-style-type: none"> • 4.0.0 • 5.0.0 • 6.0.0 • 7.0.0
Description: The alarm is raised when a BGP instance has an Operational State other than Up, and the Administrative State is Up.		
Raising condition: (('Administrative State' EQUAL 'Up') AND ('Operational State' NOT EQUAL 'Up'))		
Clearing condition: (('Operational State' EQUAL 'Up') OR ('Administrative State' NOT EQUAL 'Up'))		
Remedial action: The BGP protocol entity is down - administratively disable BGP and re-enable. If the problem persists please contact Alcatel-Lucent support for assistance.		

Table 9-14 BITS2NotQualified

Alarm	Attributes	Applicable major releases
Name: BITS2NotQualified (1941) Type: communicationsAlarm (4) Package: sonet Raised on class: sonet.SiteSync	Severity: minor Implicitly cleared: true Default probable cause: timingReferenceNotQualified (418)	<ul style="list-style-type: none"> • 4.0.0 • 5.0.0 • 6.0.0 • 7.0.0
Description: The alarm is raised when the BITS-2 timing reference on an NE is not in the Qualified state.		
Raising condition: (('Qualified For Use' EQUAL 'Not Qualified') AND ('Input Administrative State' NOT EQUAL 'Down'))		
Clearing condition: (('Qualified For Use' NOT EQUAL 'Not Qualified') OR ('Input Administrative State' EQUAL 'Down'))		
Remedial action: Make sure that BITS2 is qualified		

Table 9-15 BITSNotQualified

Alarm	Attributes	Applicable major releases
Name: BITSNotQualified (547) Type: communicationsAlarm (4) Package: sonet Raised on class: sonet.SiteSync	Severity: minor Implicitly cleared: true Default probable cause: timingReferenceNotQualified (418)	<ul style="list-style-type: none"> • 4.0.0 • 5.0.0 • 6.0.0 • 7.0.0
Description: The alarm is raised when the BITS timing reference on an NE is not in the Qualified state.		
Raising condition: (('Qualified For Use' EQUAL 'Not Qualified') AND ('Output Administrative State' NOT EQUAL 'Down'))		
Clearing condition: (('Qualified For Use' NOT EQUAL 'Not Qualified') OR ('Output Administrative State' EQUAL 'Down'))		
Remedial action: Make sure that BITS is qualified		

Table 9-16 BITSReferenceLossOfSignal

Alarm	Attributes	Applicable major releases
Name: BITSReferenceLossOfSignal (1950) Type: communicationsAlarm (4) Package: sonet Raised on class: sonet.SiteSync	Severity: minor Implicitly cleared: true Default probable cause: BITSReferenceLossOfSignal (938)	<ul style="list-style-type: none"> • 4.0.0 • 5.0.0 • 6.0.0 • 7.0.0
Description: The alarm is raised when the BITS reference on an NE is not qualified due to Loss of Signal.		
Raising condition: (('Not Qualified Due To'anyBit'LOS'))		
Clearing condition: NOT (('Not Qualified Due To'anyBit'LOS'))		
Remedial action: Make sure that peer connected to BITS is properly configured.		

Table 9-17 BITSReferenceOutOfFrequency

Alarm	Attributes	Applicable major releases
Name: BITSReferenceOutOfFrequency (1951) Type: communicationsAlarm (4) Package: sonet Raised on class: sonet.SiteSync	Severity: minor Implicitly cleared: true Default probable cause: BITSReferenceOutOfFrequency (939)	<ul style="list-style-type: none"> • 4.0.0 • 5.0.0 • 6.0.0 • 7.0.0
Description: The alarm is raised when the BITS Reference on an NE is not qualified due to Out of frequency.		
Raising condition: (('Not Qualified Due To'anyBit'OOF'))		
Clearing condition: NOT (('Not Qualified Due To'anyBit'OOF'))		
Remedial action: Make sure that frequency configured for BITS is correct.		

Table 9-18 BITSReferenceOutOfPollInRange

Alarm	Attributes	Applicable major releases
Name: BITSReferenceOutOfPollInRange (1952) Type: communicationsAlarm (4) Package: sonet Raised on class: sonet.SiteSync	Severity: minor Implicitly cleared: true Default probable cause: BITSReferenceOutOfPollInRange (940)	<ul style="list-style-type: none"> • 4.0.0 • 5.0.0 • 6.0.0 • 7.0.0
Description: The alarm is raised when the BITS Reference on an NE is not qualified state due to Out of poll in range.		
Raising condition: (('Not Qualified Due To'anyBit'OOPIR'))		
Clearing condition: NOT (('Not Qualified Due To'anyBit'OOPIR'))		
Remedial action: Check the BITS is configured correctly. Check the SONET port is configured correctly and that the physical layer cabling is operating correctly. Call customer support if necessary		

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Table 9-19 BootableConfigBackupFailed

Alarm	Attributes	Applicable major releases
Name: BootableConfigBackupFailed (103) Type: configurationAlarm (11) Package: sw Raised on class: sw.BackupRestoreManager	Severity: major Implicitly cleared: true Default probable cause: fileTransferFailure (89)	<ul style="list-style-type: none"> • 4.0.0 • 5.0.0 • 6.0.0 • 7.0.0
Description: The alarm is raised when the 5620 SAM fails to back up a set of NE configuration files.		
Raising condition: ('Backup State' EQUAL 'Failure')		
Clearing condition: ('Backup State' EQUAL 'Success')		
Remedial action: Investigation is required to resolve the following possible scenarios: insufficient disk space is available to accommodate the NE configuration files (additional SAM platform alarms will accompany this alarm); the NE is unreachable (including underlying transport network issue); loss of connectivity to the NE during transfer; the FTP daemon on the NE may have stopped; FTP security credential issues.		

Table 9-20 BootableConfigRestoreFailed

Alarm	Attributes	Applicable major releases
Name: BootableConfigRestoreFailed (104) Type: configurationAlarm (11) Package: sw Raised on class: sw.BackupRestoreManager	Severity: major Implicitly cleared: true Default probable cause: fileTransferFailure (89)	<ul style="list-style-type: none"> • 4.0.0 • 5.0.0 • 6.0.0 • 7.0.0
Description: The alarm is raised when the 5620 SAM fails to restore a set of NE configuration files.		
Raising condition: ('Restore State' EQUAL 'Failure')		
Clearing condition: ('Restore State' EQUAL 'Success')		
Remedial action: Investigation is required to resolve the following possible scenarios: the NE is unreachable (including underlying transport network issue); loss of connectivity to the NE during transfer; the FTP daemon on the NE may have stopped; FTP security credential issues.		

Table 9-21 BootParametersMisconfigured

Alarm	Attributes	Applicable major releases
Name: BootParametersMisconfigured (35) Type: configurationAlarm (11) Package: netw Raised on class: netw.NetworkElement	Severity: critical Implicitly cleared: true Default probable cause: persistentIndexFailure (30) Applicable probable causes: <ul style="list-style-type: none"> • persistentIndexFailure • configFileBootFailure 	<ul style="list-style-type: none"> • 4.0.0 • 5.0.0 • 6.0.0 • 7.0.0
Description: The alarm is raised when the SNMP Index Boot Status on an NE is not set to Persistent.		

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Alarm	Attributes	Applicable major releases
Raising condition: (('isGenericNode' EQUAL 'false') AND ('State' NOT EQUAL 'Pre-provisioned') AND (((('Config File Status' NOT EQUAL 'Executed Successfully') AND ('Config File Status' NOT EQUAL 'configFileStatus_unspecified')) OR (('Persistent Index Status' NOT EQUAL 'Rebuild Succeeded') AND ('Persistent Index Status' NOT EQUAL 'persistentIndexStatus_unspecified'))))		
Clearing condition: (('Config File Status' EQUAL 'Executed Successfully') AND ('Persistent Index Status' EQUAL 'Rebuild Succeeded'))		
Remedial action: Ensure that "SNMP Index Boot Status" is persistent (using cli command "show system information" on the NE). If not, unmanage the network element from SAM, ensure that "persist on" is set in the bof file, save the bof, save a config file, verify that an index file (.ndx) is saved as well, reboot the router, verify that SNMP Index Boot Status is persistent and finally remanage the router from SAM.		

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Table 9-22 CesBfrOverrun

Alarm	Attributes	Applicable major releases
Name: CesBfrOverrun (448) Type: communicationsAlarm (4) Package: vll Raised on class: vll.VIICesInterfaceSpecifics	Severity: major Implicitly cleared: true Default probable cause: bufferOverrun (322)	<ul style="list-style-type: none"> • 4.0.0 • 5.0.0 • 6.0.0 • 7.0.0
Description: The alarm is raised when the 5620 SAM detects a jitter buffer overrun.		
Raising condition: (('Report Alarm Status'anyBit'Buffer Overrun') AND ('Report Alarm'anyBit'Buffer Overrun'))		
Clearing condition: NOT (((('Report Alarm Status'anyBit'Buffer Overrun') AND ('Report Alarm'anyBit'Buffer Overrun'))))		
Remedial action: Informational - if the alarm persists or is occurring frequently then investigation is required to understand why the underlying transport network is unreliable.		

Table 9-23 CesBfrUnderrun

Alarm	Attributes	Applicable major releases
Name: CesBfrUnderrun (449) Type: communicationsAlarm (4) Package: vll Raised on class: vll.VIICesInterfaceSpecifics	Severity: major Implicitly cleared: true Default probable cause: bufferOverrun (322)	<ul style="list-style-type: none"> • 4.0.0 • 5.0.0 • 6.0.0 • 7.0.0
Description: The alarm is raised when the 5620 SAM detects a jitter buffer underrun.		
Raising condition: (('Report Alarm Status'anyBit'Buffer Underrun') AND ('Report Alarm'anyBit'Buffer Underrun'))		
Clearing condition: NOT (((('Report Alarm Status'anyBit'Buffer Underrun') AND ('Report Alarm'anyBit'Buffer Underrun'))))		
Remedial action: Informational - if the alarm persists or is occurring frequently then investigation is required to understand why the underlying transport network is unreliable.		

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Table 9-24 CesMalformedPkts

Alarm	Attributes	Applicable major releases
Name: CesMalformedPkts (446) Type: communicationsAlarm (4) Package: vll Raised on class: vll.VIICesInterfaceSpecifics	Severity: major Implicitly cleared: true Default probable cause: malformedPackets (320)	<ul style="list-style-type: none"> • 4.0.0 • 5.0.0 • 6.0.0 • 7.0.0
Description: The alarm is raised when the 5620 SAM detects one or more malformed packets.		
Raising condition: (('Report Alarm Status'anyBit'Malformed Packets') AND ('Report Alarm'anyBit'Malformed Packets'))		
Clearing condition: NOT (('Report Alarm Status'anyBit'Malformed Packets') AND ('Report Alarm'anyBit'Malformed Packets'))		
Remedial action: Informational - if the alarm persists or is occurring frequently then investigation is required to understand why the underlying transport network is unreliable.		

Table 9-25 CesPktLoss

Alarm	Attributes	Applicable major releases
Name: CesPktLoss (447) Type: communicationsAlarm (4) Package: vll Raised on class: vll.VIICesInterfaceSpecifics	Severity: major Implicitly cleared: true Default probable cause: lossOfPacket (321)	<ul style="list-style-type: none"> • 4.0.0 • 5.0.0 • 6.0.0 • 7.0.0
Description: The alarm is raised when the 5620 SAM detects a packet loss.		
Raising condition: (('Report Alarm Status'anyBit'Packet Loss') AND ('Report Alarm'anyBit'Packet Loss'))		
Clearing condition: NOT (('Report Alarm Status'anyBit'Packet Loss') AND ('Report Alarm'anyBit'Packet Loss'))		
Remedial action: Informational - if the alarm persists or is occurring frequently then investigation is required to understand why the underlying transport network is unreliable.		

Table 9-26 CesRmtPktLoss

Alarm	Attributes	Applicable major releases
Name: CesRmtPktLoss (450) Type: communicationsAlarm (4) Package: vll Raised on class: vll.VIICesInterfaceSpecifics	Severity: minor Implicitly cleared: true Default probable cause: farEndLossOfPacket (323)	<ul style="list-style-type: none"> • 4.0.0 • 5.0.0 • 6.0.0 • 7.0.0
Description: The alarm is raised when the 5620 SAM detects a remote packet loss.		
Raising condition: (('Report Alarm Status'anyBit'Remote Packet Loss') AND ('Report Alarm'anyBit'Remote Packet Loss'))		
Clearing condition: NOT (('Report Alarm Status'anyBit'Remote Packet Loss') AND ('Report Alarm'anyBit'Remote Packet Loss'))		
Remedial action: Informational - if the alarm persists or is occurring frequently then investigation is required to understand why the underlying transport network is unreliable.		

Table 9-27 CesRmtRdi

Alarm	Attributes	Applicable major releases
Name: CesRmtRdi (452) Type: configurationAlarm (11) Package: vll Raised on class: vll.VIICesInterfaceSpecifics	Severity: minor Implicitly cleared: false Default probable cause: farEndRdi (325)	<ul style="list-style-type: none"> • 4.0.0 • 5.0.0 • 6.0.0 • 7.0.0
Description: The alarm is raised when the 5620 SAM detects a remote RDI.		
Raising condition: (('Report Alarm Status'anyBit'Remote RDI') AND ('Report Alarm'anyBit'Remote RDI'))		
Clearing condition: NOT (('Report Alarm Status'anyBit'Remote RDI') AND ('Report Alarm'anyBit'Remote RDI'))		
Remedial action: Informational - if the alarm persists or is occurring frequently then investigation is required to understand why the underlying transport network is unreliable.		

Table 9-28 CesRmtTdmFault

Alarm	Attributes	Applicable major releases
Name: CesRmtTdmFault (451) Type: configurationAlarm (11) Package: vll Raised on class: vll.VIICesInterfaceSpecifics	Severity: minor Implicitly cleared: false Default probable cause: tdmFarEndFault (324)	<ul style="list-style-type: none"> • 4.0.0 • 5.0.0 • 6.0.0 • 7.0.0
Description: The alarm is raised when the 5620 SAM detects a remote TDM fault.		
Raising condition: (('Report Alarm Status'anyBit'Remote TDM Fault') AND ('Report Alarm'anyBit'Remote TDM Fault'))		
Clearing condition: NOT (('Report Alarm Status'anyBit'Remote TDM Fault') AND ('Report Alarm'anyBit'Remote TDM Fault'))		
Remedial action: Informational - if the alarm persists or is occurring frequently then investigation is required to understand why the underlying transport network is unreliable.		

Table 9-29 CesStrayPkts

Alarm	Attributes	Applicable major releases
Name: CesStrayPkts (445) Type: communicationsAlarm (4) Package: vll Raised on class: vll.VIICesInterfaceSpecifics	Severity: minor Implicitly cleared: true Default probable cause: strayPackets (319)	<ul style="list-style-type: none"> • 4.0.0 • 5.0.0 • 6.0.0 • 7.0.0
Description: The alarm is raised when the 5620 SAM detects received stray packets.		
Raising condition: (('Report Alarm Status'anyBit'Stray Packets') AND ('Report Alarm'anyBit'Stray Packets'))		
Clearing condition: NOT (('Report Alarm Status'anyBit'Stray Packets') AND ('Report Alarm'anyBit'Stray Packets'))		
Remedial action: Informational - if the alarm persists or is occurring frequently then investigation is required to understand why the underlying transport network is unreliable.		

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Table 9-30 CircuitStpExceptionCondition

Alarm	Attributes	Applicable major releases
Name: CircuitStpExceptionCondition (648) Type: SdpBindingAlarm (30) Package: l2fwd Raised on class: l2fwd.CircuitStp	Severity: major Implicitly cleared: true Default probable cause: StpException (228)	<ul style="list-style-type: none"> • 4.0.0 • 5.0.0 • 6.0.0 • 7.0.0
Description: The alarm is raised when an NE detects an STP exception condition on a SAP, for example, one-way communication or a downstream loop. The alarm clears when the STP status changes.		
Raising condition: (('STP Exception Condition' NOT EQUAL 'None') AND ('Administrative State' EQUAL 'Up'))		
Clearing condition: (('STP Exception Condition' EQUAL 'None') OR ('Administrative State' EQUAL 'Down'))		
Remedial action: Check 'STP Exception Condition' field for more details and fix the STP exception.		

Table 9-31 ClientDelegateServerStatus

Alarm	Attributes	Applicable major releases
Name: ClientDelegateServerStatus (731) Type: communicationsAlarm (4) Package: server Raised on class: server.ClientDelegateServer	Severity: critical Implicitly cleared: true Default probable cause: systemFailed (144)	<ul style="list-style-type: none"> • 4.0.0 • 5.0.0 • 6.0.0 • 7.0.0
Description: The alarm is raised when a client delegate server is unreachable.		
Raising condition: ('Server Status' EQUAL 'Down')		
Clearing condition: ('Server Status' EQUAL 'Up')		
Remedial action: Informational - if the alarm persists or is occurring frequently then investigation is required to understand why the connectivity between the client delegate platform and SAM servers is unreliable or the client delegate server itself is unreliable.		

Table 9-32 ContainingEquipmentAdministrativelyDown

Alarm	Attributes	Applicable major releases
Name: ContainingEquipmentAdministrativelyDown (466) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.Port	Severity: minor Implicitly cleared: true Default probable cause: containingEquipmentAdministrativelyDown (330)	<ul style="list-style-type: none"> • 4.0.0 • 5.0.0 • 6.0.0 • 7.0.0
Description: The alarm is raised when the compositeEquipmentState attribute has a value of containingEquipmentAdministrativelyDown.		
Raising condition: (('Status' EQUAL 'Parent Admin Down') AND ('isTerminatable' EQUAL 'true'))		
Clearing condition: (('Status' NOT EQUAL 'Parent Admin Down') OR ('isTerminatable' NOT EQUAL 'true'))		
Remedial action: Informational - no corrective action required.		

Table 9-33 ContainingEquipmentMismatch

Alarm	Attributes	Applicable major releases
Name: ContainingEquipmentMismatch (464) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.Port	Severity: major Implicitly cleared: true Default probable cause: containingEquipmentMismatch (328)	<ul style="list-style-type: none"> • 4.0.0 • 5.0.0 • 6.0.0 • 7.0.0
Description: The alarm is raised when the compositeEquipmentState attribute has a value of containingEquipmentMismatch.		
Raising condition: (('Status' EQUAL 'Parent Type Mismatch') AND ('isTerminatable' EQUAL 'true'))		
Clearing condition: (('Status' NOT EQUAL 'Parent Type Mismatch') OR ('isTerminatable' NOT EQUAL 'true'))		
Remedial action: A configuration error has occurred which must be corrected. The card type configured for the slot identified in the alarm must match the installed card type.		

Table 9-34 ContainingEquipmentOperationallyDown

Alarm	Attributes	Applicable major releases
Name: ContainingEquipmentOperationallyDown (465) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.Port	Severity: major Implicitly cleared: true Default probable cause: containingEquipmentDown (329)	<ul style="list-style-type: none"> • 4.0.0 • 5.0.0 • 6.0.0 • 7.0.0
Description: The alarm is raised when the compositeEquipmentState attribute has a value of containingEquipmentOperationallyDown.		
Raising condition: (('Status' EQUAL 'Parent Oper Down') AND ('isTerminatable' EQUAL 'true'))		
Clearing condition: (('Status' NOT EQUAL 'Parent Oper Down') OR ('isTerminatable' NOT EQUAL 'true'))		
Remedial action: The operational state of the equipment element indicated in the alarm is down. This may be due to the element's administrative state or it may indicate that the element has failed.		

Table 9-35 CorruptImageFile

Alarm	Attributes	Applicable major releases
Name: CorruptImageFile (171) Type: configurationAlarm (11) Package: mediation Raised on class: mediation.AbstractSoftwareFolderDescriptor	Severity: critical Implicitly cleared: true Default probable cause: invalidOrCorruptImageFile (134)	<ul style="list-style-type: none"> • 4.0.0 • 5.0.0 • 6.0.0 • 7.0.0
Description: The alarm is raised when one or more files in the 5620 SAM software image specified for a device software upgrade is invalid, corrupt or absent. The 5620 SAM validates a device software file set before it imports the file set and distributes it to an NE. Ensure that the file set downloads properly to the NE and is not tampered with before you re-attempt the upgrade. The alarm clears when a valid file set is on the NE and the 5620 SAM activates the software image in the file set.		
Raising condition: ('isImageValid' EQUAL 'false')		

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Alarm	Attributes	Applicable major releases
Clearing condition: ('isImageValid' EQUAL 'true')		
Remedial action: The existing SW image in the SAM database should be replaced with an image that is known to be complete and valid.		

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Table 9-36 DaughterCardConfigMissing

Alarm	Attributes	Applicable major releases
Name: DaughterCardConfigMissing (4403) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.DaughterCardSlot	Severity: critical Implicitly cleared: false Default probable cause: DaughterCardConfigMissing (1579)	<ul style="list-style-type: none"> • 5.0.0
Description: The alarm is raised when a supported MDA is inserted into a slot, but the current configuration is not sufficient for the MDA to operate.		
Remedial action: A configuration error has occurred which must be corrected. The BOF configuration must be changed to include no-service-ports.		

Table 9-37 downgradedCardAlarm

Alarm	Attributes	Applicable major releases
Name: downgradedCardAlarm (256) Type: softwareAlarm (19) Package: equipment Raised on class: equipment.Card	Severity: warning Implicitly cleared: true Default probable cause: downgradedCard (195)	<ul style="list-style-type: none"> • 4.0.0 • 5.0.0 • 6.0.0 • 7.0.0
Description: The alarm is raised when an IOM is not upgraded or reset after a device software upgrade of both CPMs. A device resets an IOM automatically after 120 minutes if the IOM is not manually reset after a CPM upgrade.		
Raising condition: ('operationalState' EQUAL 'Downgrade')		
Clearing condition: ('operationalState' EQUAL 'Up')		
Remedial action: Informational - no corrective action required.		

Table 9-38 DS1E1AlarmIndicationSignal

Alarm	Attributes	Applicable major releases
Name: DS1E1AlarmIndicationSignal (112) Type: communicationsAlarm (4) Package: tdmequipment Raised on class: tdmequipment.DS1E1ChannelSpecifics	Severity: major Implicitly cleared: true Default probable cause: alarmIndicationSignal (96)	<ul style="list-style-type: none"> • 4.0.0 • 5.0.0 • 6.0.0 • 7.0.0

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Alarm	Attributes	Applicable major releases
Description: The alarm is raised when an NE reports that a specific DS1 or E1 channel has an AIS alarm condition.		
Raising condition: (('Outstanding Alarms'anyBit'Alarm Indication Signal') AND ('Report Alarms'anyBit'Alarm Indication Signal'))		
Clearing condition: NOT (('Outstanding Alarms'anyBit'Alarm Indication Signal') AND ('Report Alarms'anyBit'Alarm Indication Signal'))		
Remedial action: Informational only.		

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Table 9-39 DS1E1Looped

Alarm	Attributes	Applicable major releases
Name: DS1E1Looped (126) Type: communicationsAlarm (4) Package: tdmequipment Raised on class: tdmequipment.DS1E1ChannelSpecifics	Severity: major Implicitly cleared: true Default probable cause: farEndLoopback (102)	<ul style="list-style-type: none"> • 4.0.0 • 5.0.0 • 6.0.0 • 7.0.0
Description: The alarm is raised when an NE reports that a specific DS1 or E1 channel has a remote loopback alarm condition.		
Raising condition: (('Outstanding Alarms'anyBit'Far end wants the near end to loopback') AND ('Report Alarms'anyBit'Far end wants the near end to loopback'))		
Clearing condition: NOT (('Outstanding Alarms'anyBit'Far end wants the near end to loopback') AND ('Report Alarms'anyBit'Far end wants the near end to loopback'))		
Remedial action: Informational only.		

Table 9-40 DS1E1LossOfSignal

Alarm	Attributes	Applicable major releases
Name: DS1E1LossOfSignal (124) Type: communicationsAlarm (4) Package: tdmequipment Raised on class: tdmequipment.DS1E1ChannelSpecifics	Severity: major Implicitly cleared: true Default probable cause: lossOfSignal (99)	<ul style="list-style-type: none"> • 4.0.0 • 5.0.0 • 6.0.0 • 7.0.0
Description: The alarm is raised when an NE reports that a specific DS1 or E1 channel has an LOS alarm condition.		
Raising condition: (('Outstanding Alarms'anyBit'Loss of Signal') AND ('Report Alarms'anyBit'Loss of Signal'))		
Clearing condition: NOT (('Outstanding Alarms'anyBit'Loss of Signal') AND ('Report Alarms'anyBit'Loss of Signal'))		
Remedial action: Informational only.		

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Table 9-41 DS1E1OutOfFrame

Alarm	Attributes	Applicable major releases
Name: DS1E1OutOfFrame (125) Type: communicationsAlarm (4) Package: tdmequipment Raised on class: tdmequipment.DS1E1ChannelSpecifics	Severity: major Implicitly cleared: true Default probable cause: outOfFrame (100)	<ul style="list-style-type: none"> • 4.0.0 • 5.0.0 • 6.0.0 • 7.0.0
Description: The alarm is raised when an NE reports that a specific DS1 or E1 channel has an OOF alarm condition.		
Raising condition: (('Outstanding Alarms'anyBit'Out Of Frame') AND ('Report Alarms'anyBit'Out Of Frame'))		
Clearing condition: NOT (('Outstanding Alarms'anyBit'Out Of Frame') AND ('Report Alarms'anyBit'Out Of Frame'))		
Remedial action: Informational only.		

Table 9-42 DS1E1ResourceAvailabilityIndicator

Alarm	Attributes	Applicable major releases
Name: DS1E1ResourceAvailabilityIndicator (114) Type: communicationsAlarm (4) Package: tdmequipment Raised on class: tdmequipment.DS1E1ChannelSpecifics	Severity: major Implicitly cleared: true Default probable cause: resourceAvailabilityIndicator (98)	<ul style="list-style-type: none"> • 4.0.0 • 5.0.0 • 6.0.0 • 7.0.0
Description: The alarm is raised when an NE reports that a specific DS1 or E1 channel has an RAI alarm condition.		
Raising condition: (('Outstanding Alarms'anyBit'Resource Availability Indicator') AND ('Report Alarms'anyBit'Resource Availability Indicator'))		
Clearing condition: NOT (('Outstanding Alarms'anyBit'Resource Availability Indicator') AND ('Report Alarms'anyBit'Resource Availability Indicator'))		
Remedial action: Informational only.		

Table 9-43 DS1E1SignalDegradation

Alarm	Attributes	Applicable major releases
Name: DS1E1SignalDegradation (500) Type: communicationsAlarm (4) Package: tdmequipment Raised on class: tdmequipment.DS1E1ChannelSpecifics	Severity: major Implicitly cleared: true Default probable cause: signalDegradation (386)	<ul style="list-style-type: none"> • 4.0.0 • 5.0.0 • 6.0.0 • 7.0.0
Description: The alarm is raised when an NE reports that a specific DS1 or E1 channel has an SD alarm condition.		
Raising condition: (('Outstanding Alarms'anyBit'Signal Degradation') AND ('Report Alarms'anyBit'Signal Degradation'))		
Clearing condition: NOT (('Outstanding Alarms'anyBit'Signal Degradation') AND ('Report Alarms'anyBit'Signal Degradation'))		
Remedial action: Informational only.		

Table 9-44 DS1E1SignalFailure

Alarm	Attributes	Applicable major releases
Name: DS1E1SignalFailure (501) Type: communicationsAlarm (4) Package: tdmequipment Raised on class: tdmequipment.DS1E1ChannelSpecifics	Severity: major Implicitly cleared: true Default probable cause: signalFailure (387)	<ul style="list-style-type: none"> • 4.0.0 • 5.0.0 • 6.0.0 • 7.0.0
Description: The alarm is raised when an NE reports that a specific DS1 or E1 channel has an SF alarm condition.		
Raising condition: (('Outstanding Alarms'anyBit'Signal Failure') AND ('Report Alarms'anyBit'Signal Failure'))		
Clearing condition: NOT (('Outstanding Alarms'anyBit'Signal Failure') AND ('Report Alarms'anyBit'Signal Failure'))		
Remedial action: Informational only.		

Table 9-45 EfmOamAlarm

Alarm	Attributes	Applicable major releases
Name: EfmOamAlarm (4617) Type: equipmentAlarm (3) Package: ethernetequipment Raised on class: ethernetequipment.Dot3Oam	Severity: minor Implicitly cleared: true Default probable cause: EFMOAMOperationalstateOutOfService (1886)	<ul style="list-style-type: none"> • 4.0.0 • 5.0.0 • 6.0.0 • 7.0.0
Description: The alarm is raised when EFM Ignore status is Enabled, and Physical port Administrative State is Down.		
Raising condition: ('Ignore EFM State' EQUAL 'true')		
Clearing condition: ('Ignore EFM State' EQUAL 'true')		
Remedial action: The alarm is raised when EFM Ignore status is Enabled, and Physical port Administrative State is Down.		

Table 9-46 EquipmentAdministrativelyDown

Alarm	Attributes	Applicable major releases
Name: EquipmentAdministrativelyDown (455) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.Equipment	Severity: minor Implicitly cleared: true Default probable cause: equipmentAdministrativelyDown (326)	<ul style="list-style-type: none"> • 4.0.0 • 5.0.0 • 6.0.0 • 7.0.0
Description: The alarm is raised when the compositeEquipmentState attribute has a value of equipmentAdministrativelyDown.		
Raising condition: ('compositeEquipmentState' EQUAL 'Admin Down')		
Clearing condition: ('compositeEquipmentState' NOT EQUAL 'Admin Down')		
Remedial action: Informational - no corrective action required.		

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Table 9-47 EquipmentDegraded

Alarm	Attributes	Applicable major releases
Name: EquipmentDegraded (604) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.FanTray	Severity: minor Implicitly cleared: true Default probable cause: singleFanFailure (450)	<ul style="list-style-type: none"> • 4.0.0 • 5.0.0 • 6.0.0 • 7.0.0
Description: The alarm is raised when a single fan fails. The chassis attempts to continue operating within the normal temperature range using only the remaining fans.		
Raising condition: ('Device State' EQUAL 'MinorFailure')		
Clearing condition: ('Device State' NOT EQUAL 'MinorFailure')		
Remedial action: The failed fan unit should be replaced.		

Table 9-48 EquipmentDown

Alarm	Attributes	Applicable major releases
Name: EquipmentDown (10) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.Equipment	Severity: major Implicitly cleared: true Default probable cause: inoperableEquipment (8)	<ul style="list-style-type: none"> • 4.0.0 • 5.0.0 • 6.0.0 • 7.0.0
Description: The alarm is raised when the compositeEquipmentState attribute has a value of equipmentOperationallyDown.		
Raising condition: ('compositeEquipmentState' EQUAL 'Oper Down')		
Clearing condition: ('compositeEquipmentState' NOT EQUAL 'Oper Down')		
Remedial action: This alarm indicates that a card in the NE has failed. The card must be replaced.		

Table 9-49 EquipmentFailure

Alarm	Attributes	Applicable major releases
Name: EquipmentFailure (145) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.ReplaceableUnit	Severity: critical Implicitly cleared: true Default probable cause: cardFailure (123)	<ul style="list-style-type: none"> • 4.0.0 • 5.0.0 • 6.0.0 • 7.0.0
Description: The alarm is raised when a control processor or power-supply tray reports a failure. When the object type is ControlProcessor, a CPM may be unable to boot. When the object type is Power Supply Tray and the alarm is raised during device discovery, a power-supply tray may be out of service. When the object type is a Power Supply Tray and the device is in the managed state, a power-supply tray may be out of service or the AC power shelf has a fault condition. The alarm clears when the status changes to OK.		
Raising condition: ('operationalState' EQUAL 'Failed')		
Clearing condition: ('operationalState' NOT EQUAL 'Failed')		

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Alarm	Attributes	Applicable major releases
Remedial action: If the alarm indicates that the CPM card has a fault, remove the card and reset it. If this does not clear the alarm then please contact Alcatel-Lucent support for assistance. If the alarm indicates that the Power Supply tray is out of service ensure that the NE is properly connected to power. If the problem persists please contact Alcatel-Lucent support for assistance.		

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Table 9-50 EquipmentInTest

Alarm	Attributes	Applicable major releases
Name: EquipmentInTest (11) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.Equipment	Severity: warning Implicitly cleared: true Default probable cause: equipmentInTest (9)	<ul style="list-style-type: none"> • 4.0.0 • 5.0.0 • 6.0.0 • 7.0.0
Description: The alarm is raised when equipment enters a diagnostic state.		
Raising condition: ('compositeEquipmentState' EQUAL 'In Test')		
Clearing condition: ('compositeEquipmentState' NOT EQUAL 'In Test')		
Remedial action: Informational - no corrective action required.		

Table 9-51 EquipmentMismatch

Alarm	Attributes	Applicable major releases
Name: EquipmentMismatch (9) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.Equipment	Severity: major Implicitly cleared: true Default probable cause: equipmentTypeMismatch (7)	<ul style="list-style-type: none"> • 4.0.0 • 5.0.0 • 6.0.0 • 7.0.0
Description: The alarm is raised when the compositeEquipmentState attribute has a value of equipmentMismatch.		
Raising condition: ('compositeEquipmentState' EQUAL 'Type Mismatch')		
Clearing condition: ('compositeEquipmentState' NOT EQUAL 'Type Mismatch')		
Remedial action: A configuration error has occurred which must be corrected. The card type configured for the slot identified in the alarm must match the installed card type.		

Table 9-52 EquipmentRemoved

Alarm	Attributes	Applicable major releases
Name: EquipmentRemoved (8) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.Equipment	Severity: major Implicitly cleared: true Default probable cause: replaceableEquipmentRemoved (6)	<ul style="list-style-type: none"> • 4.0.0 • 5.0.0 • 6.0.0 • 7.0.0

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Alarm	Attributes	Applicable major releases
Description: The alarm is raised when the compositeEquipmentState attribute has a value of equipmentMissing.		
Raising condition: (((isEquipped' EQUAL 'false') OR ('compositeEquipmentState' EQUAL 'Removed')) AND ('isEquipmentInserted' EQUAL 'true'))		
Clearing condition: (('compositeEquipmentState' NOT EQUAL 'Removed') AND ('isEquipped' EQUAL 'true'))		
Remedial action: Informational - this alarm is raised when a card is removed.		

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Table 9-53 EthernetPortConfiguredLoopback

Alarm	Attributes	Applicable major releases
Name: EthernetPortConfiguredLoopback (801) Type: configurationAlarm (11) Package: ethernetequipment Raised on class: ethernetequipment.EthernetPortSpecifics	Severity: warning Implicitly cleared: true Default probable cause: ethernetPortConfiguredLoopback (567)	<ul style="list-style-type: none"> • 4.0.0 • 5.0.0 • 6.0.0 • 7.0.0
Description: The alarm is raised when a timed loopback is in effect for an Ethernet port.		
Raising condition: (('Type' NOT EQUAL 'None'))		
Clearing condition: (('Type' EQUAL 'None'))		
Remedial action: This alarm has been raised by the node because "Timed Loopback" option of the specific port's Ethernet property has been enabled. To resolve this problem from "Ethernet" tab of "Physical Port" properties form configure "Timed Loopback" Type property as "None".		

Table 9-54 EthernetPortDuplicateLane

Alarm	Attributes	Applicable major releases
Name: EthernetPortDuplicateLane (3557) Type: communicationsAlarm (4) Package: ethernetequipment Raised on class: ethernetequipment.EthernetPortSpecifics	Severity: major Implicitly cleared: true Default probable cause: DuplicateLane (1387)	<ul style="list-style-type: none"> • 4.0.0 • 5.0.0 • 6.0.0 • 7.0.0
Description: The alarm is raised when a device reports a Duplicate Lane on an Ethernet port.		
Raising condition: (('Outstanding Alarms'anyBit'Duplicate Lane') AND ('Report Alarms'anyBit'Duplicate Lane'))		
Clearing condition: NOT (('Outstanding Alarms'anyBit'Duplicate Lane') AND ('Report Alarms'anyBit'Duplicate Lane'))		
Remedial action: One of the following conditions exists on the referenced physical interface which must be corrected. A cable/fiber fault exists which must be corrected - check to ensure that the cable is not faulty and is properly connected. The port is faulty - run diagnostics on the port to determine the nature of the fault. If the problem cannot be resolved swap the card containing the port with a card which is known be functional.		

Table 9-55 EthernetPortHighBer

Alarm	Attributes	Applicable major releases
Name: EthernetPortHighBer (307) Type: communicationsAlarm (4) Package: ethernetequipment Raised on class: ethernetequipment.EthernetPortSpecifics	Severity: major Implicitly cleared: true Default probable cause: HighBer (238)	<ul style="list-style-type: none"> • 4.0.0 • 5.0.0 • 6.0.0 • 7.0.0
Description: The alarm is raised when a device reports a high bit-error rate on an Ethernet port.		
Raising condition: (('Outstanding Alarms'anyBit'High Bit Error Rate') AND ('Report Alarms'anyBit'High Bit Error Rate'))		
Clearing condition: NOT (('Outstanding Alarms'anyBit'High Bit Error Rate') AND ('Report Alarms'anyBit'High Bit Error Rate'))		
Remedial action: One of the following conditions exists on the physical interface which must be corrected. A cable/fiber fault exists which must be corrected - check to ensure that the cable is not faulty and is properly connected. The port is faulty - run diagnostics on the port to determine the nature of the fault.		

Table 9-56 EthernetPortLocalFault

Alarm	Attributes	Applicable major releases
Name: EthernetPortLocalFault (305) Type: communicationsAlarm (4) Package: ethernetequipment Raised on class: ethernetequipment.EthernetPortSpecifics	Severity: major Implicitly cleared: true Default probable cause: LocalFault (236)	<ul style="list-style-type: none"> • 4.0.0 • 5.0.0 • 6.0.0 • 7.0.0
Description: The alarm is raised when a device reports a local fault on an Ethernet port.		
Raising condition: (('Outstanding Alarms'anyBit'Local Fault') AND ('Report Alarms'anyBit'Local Fault'))		
Clearing condition: NOT (('Outstanding Alarms'anyBit'Local Fault') AND ('Report Alarms'anyBit'Local Fault'))		
Remedial action: One of the following conditions exists on the physical interface which must be corrected. A cable/fiber fault exists which must be corrected - check to ensure that the cable is not faulty and is properly connected. The port is faulty - run diagnostics on the port to determine the nature of the fault.		

Table 9-57 EthernetPortNoAmLock

Alarm	Attributes	Applicable major releases
Name: EthernetPortNoAmLock (3558) Type: communicationsAlarm (4) Package: ethernetequipment Raised on class: ethernetequipment.EthernetPortSpecifics	Severity: major Implicitly cleared: true Default probable cause: NoAmLock (1388)	<ul style="list-style-type: none"> • 4.0.0 • 5.0.0 • 6.0.0 • 7.0.0
Description: The alarm is raised when a device reports a No Am Lock on an Ethernet port.		
Raising condition: (('Outstanding Alarms'anyBit'No AM Lock') AND ('Report Alarms'anyBit'No AM Lock'))		

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Alarm	Attributes	Applicable major releases
Clearing condition: NOT (('Outstanding Alarms'anyBit'No AM Lock') AND ('Report Alarms'anyBit'No AM Lock'))		
Remedial action: One of the following conditions exists on the referenced physical interface which must be corrected. A cable/fiber fault exists which must be corrected - check to ensure that the cable is not faulty and is properly connected. The port is faulty - run diagnostics on the port to determine the nature of the fault. If the problem cannot be resolved swap the card containing the port with a card which is known be functional.		

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Table 9-58 EthernetPortNoBlockLock

Alarm	Attributes	Applicable major releases
Name: EthernetPortNoBlockLock (3559) Type: communicationsAlarm (4) Package: ethernetequipment Raised on class: ethernetequipment.EthernetPortSpecifics	Severity: major Implicitly cleared: true Default probable cause: NoBlockLock (1389)	<ul style="list-style-type: none"> • 4.0.0 • 5.0.0 • 6.0.0 • 7.0.0
Description: The alarm is raised when a device reports a No Block Lock on an Ethernet port.		
Raising condition: (('Outstanding Alarms'anyBit'No Block Lock') AND ('Report Alarms'anyBit'No Block Lock'))		
Clearing condition: NOT (('Outstanding Alarms'anyBit'No Block Lock') AND ('Report Alarms'anyBit'No Block Lock'))		
Remedial action: One of the following conditions exists on the referenced physical interface which must be corrected. A cable/fiber fault exists which must be corrected - check to ensure that the cable is not faulty and is properly connected. The port is faulty - run diagnostics on the port to determine the nature of the fault. If the problem cannot be resolved swap the card containing the port with a card which is known be functional.		

Table 9-59 EthernetPortNoFrameLock

Alarm	Attributes	Applicable major releases
Name: EthernetPortNoFrameLock (306) Type: communicationsAlarm (4) Package: ethernetequipment Raised on class: ethernetequipment.EthernetPortSpecifics	Severity: major Implicitly cleared: true Default probable cause: NoFrameLock (237)	<ul style="list-style-type: none"> • 4.0.0 • 5.0.0 • 6.0.0 • 7.0.0
Description: The alarm is raised when a device reports No Frame Lock on an Ethernet port.		
Raising condition: (('Outstanding Alarms'anyBit'No Frame Lock') AND ('Report Alarms'anyBit'No Frame Lock'))		
Clearing condition: NOT (('Outstanding Alarms'anyBit'No Frame Lock') AND ('Report Alarms'anyBit'No Frame Lock'))		
Remedial action: One of the following conditions exists on the physical interface which must be corrected. A cable/fiber fault exists which must be corrected - check to ensure that the cable is not faulty and is properly connected. The port is faulty - run diagnostics on the port to determine the nature of the fault.		

Table 9-60 EthernetPortRemoteFault

Alarm	Attributes	Applicable major releases
Name: EthernetPortRemoteFault (304) Type: communicationsAlarm (4) Package: ethernetequipment Raised on class: ethernetequipment.EthernetPortSpecifics	Severity: major Implicitly cleared: true Default probable cause: RemoteFault (235)	<ul style="list-style-type: none"> • 4.0.0 • 5.0.0 • 6.0.0 • 7.0.0
Description: The alarm is raised when a device reports a remote fault on an Ethernet port.		
Raising condition: (('Outstanding Alarms'anyBit'Remote Fault') AND ('Report Alarms'anyBit'Remote Fault'))		
Clearing condition: NOT (('Outstanding Alarms'anyBit'Remote Fault') AND ('Report Alarms'anyBit'Remote Fault'))		
Remedial action: One of the following conditions exists on the remote physical interface which must be corrected. A cable/fiber fault exists which must be corrected - check to ensure that the cable is not faulty and is properly connected. The port is faulty - run diagnostics on the port to determine the nature of the fault.		

Table 9-61 EthernetPortSignalFailure

Alarm	Attributes	Applicable major releases
Name: EthernetPortSignalFailure (303) Type: communicationsAlarm (4) Package: ethernetequipment Raised on class: ethernetequipment.EthernetPortSpecifics	Severity: major Implicitly cleared: true Default probable cause: SignalFailure (234)	<ul style="list-style-type: none"> • 4.0.0 • 5.0.0 • 6.0.0 • 7.0.0
Description: The alarm is raised when a device reports a signal failure on an Ethernet port.		
Raising condition: (('Outstanding Alarms'anyBit'Signal Failure') AND ('Report Alarms'anyBit'Signal Failure'))		
Clearing condition: NOT (('Outstanding Alarms'anyBit'Signal Failure') AND ('Report Alarms'anyBit'Signal Failure'))		
Remedial action: One of the following conditions exists on the physical interface which must be corrected. A cable/fiber fault exists which must be corrected - check to ensure that the cable is not faulty and is properly connected. The port is faulty - run diagnostics on the port to determine the nature of the fault.		

Table 9-62 ExternalTimingReferenceNotQualified

Alarm	Attributes	Applicable major releases
Name: ExternalTimingReferenceNotQualified (548) Type: communicationsAlarm (4) Package: sonet Raised on class: sonet.SiteSync	Severity: minor Implicitly cleared: true Default probable cause: timingReferenceNotQualified (418)	<ul style="list-style-type: none"> • 4.0.0 • 5.0.0 • 6.0.0 • 7.0.0
Description: The alarm is raised when the External timing reference on an NE is not in the Qualified state.		
Raising condition: (('Qualified For Use' EQUAL 'Not Qualified') AND ('Administrative State' NOT EQUAL 'Down'))		
Clearing condition: (('Qualified For Use' NOT EQUAL 'Not Qualified') OR ('Administrative State' EQUAL 'Down'))		

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Alarm	Attributes	Applicable major releases
Remedial action: Informational		

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Table 9-63 FanFailure

Alarm	Attributes	Applicable major releases
Name: FanFailure (624) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.FanTray	Severity: critical Implicitly cleared: true Default probable cause: fanFailure (116)	<ul style="list-style-type: none"> • 4.0.0 • 5.0.0 • 6.0.0 • 7.0.0
Description: The alarm is raised when the associated fan is not operationally Up.		
Raising condition: (('Device State' EQUAL 'Failed') OR ('Device State' EQUAL 'Unknown') OR ('Device State' EQUAL 'OutOfservice'))		
Clearing condition: ('Device State' EQUAL 'OK')		
Remedial action: Remove and reset the fan unit. If this does not resolve the problem replace the fan.		

Table 9-64 FanTrayRemoved

Alarm	Attributes	Applicable major releases
Name: FanTrayRemoved (569) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.FanTray	Severity: critical Implicitly cleared: true Default probable cause: FanTrayRemoved (438)	<ul style="list-style-type: none"> • 4.0.0 • 5.0.0 • 6.0.0 • 7.0.0
Description: The alarm is raised when the deviceState attribute has a value of deviceNotEquipped.		
Raising condition: ('Device State' EQUAL 'Not Equipped')		
Clearing condition: ('Device State' NOT EQUAL 'Not Equipped')		
Remedial action: Informational - a fan tray has been removed from the NE.		

Table 9-65 ForwardingTableSizeLimitReached

Alarm	Attributes	Applicable major releases
Name: ForwardingTableSizeLimitReached (164) Type: resourceAlarm (28) Package: I2fwd Raised on class: I2fwd.SiteFib	Severity: major Implicitly cleared: true Default probable cause: resourceLimitReached (131)	<ul style="list-style-type: none"> • 4.0.0 • 5.0.0 • 6.0.0 • 7.0.0

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Alarm	Attributes	Applicable major releases
Description: The alarm is raised when the number of MAC address entries in the FIB reaches or exceeds the VPLS site high watermark specified by I2fwd.SiteFib.highWatermark. The alarm clears when the number of MAC address entries in the FIB drops below the VPLS site low watermark specified by I2fwd.SiteFib.lowWatermark. The alarm can be raised against a VPLS site, L2 access interface, or spoke SDP binding.		
Raising condition: (('Entries' >= 'Size') OR ('Entries' >= (('High Watermark' * 'Size') / 100.0)))"		
Clearing condition: (('Entries' < 'Size') AND (('High Watermark' EQUAL '0L') OR ('Entries' < (('Low Watermark' * 'Size') / 100.0))) AND (('Low Watermark' EQUAL '0L') OR ('Entries' < (('Low Watermark' * 'Size') / 100.0)))		
Remedial action: Informational		

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Table 9-66 FrameSizeProblem (netw)

Alarm	Attributes	Applicable major releases
Name: FrameSizeProblem (37) Type: configurationAlarm (11) Package: netw Raised on class: netw.StatefullConnectableInterface	Severity: critical Implicitly cleared: true Default probable cause: frameSizeProblem (33)	<ul style="list-style-type: none"> • 4.0.0 • 5.0.0 • 6.0.0 • 7.0.0
Description: The alarm is raised when a provisioned MTU size value is greater than the supported MTU size value.		
Raising condition: (('mtuMismatch' EQUAL 'true') AND ('portId' NOT EQUAL '0L'))		
Clearing condition: (('mtuMismatch' EQUAL 'false') OR ('portId' EQUAL '0L'))		
Remedial action: A configuration error has been made which must be corrected. The MTU value must be changed such that is less than or equal to the supported MTU size value.		

Table 9-67 FrameSizeProblem (svt)

Alarm	Attributes	Applicable major releases
Name: FrameSizeProblem (37) Type: configurationAlarm (11) Package: svt Raised on class: svt.SdpBinding	Severity: critical Implicitly cleared: true Default probable cause: frameSizeProblem (33)	<ul style="list-style-type: none"> • 4.0.0 • 5.0.0 • 6.0.0 • 7.0.0
Description: The alarm is raised when a provisioned MTU size value is greater than the supported MTU size value.		
Raising condition: (('Operational State' EQUAL 'MTU Mismatch') OR ('Operational State' EQUAL 'Tunnel MTU Too Small'))		
Clearing condition: (('Operational State' NOT EQUAL 'MTU Mismatch') AND ('Operational State' NOT EQUAL 'Tunnel MTU Too Small'))		
Remedial action: The MTU value must be changed such that is is less than or equal to the supported MTU size value.		

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Table 9-68 GaPeerDown

Alarm	Attributes	Applicable major releases
Name: GaPeerDown (3303) Type: EpcAlarm (59) Package: Iteggnsn Raised on class: Iteggnsn.GaPeer	Severity: major Implicitly cleared: true Default probable cause: EPSPeerDown (602)	<ul style="list-style-type: none"> • 4.0.0 • 5.0.0 • 6.0.0 • 7.0.0
Description: The alarm is raised when the path management state of a Ga peer changes to a state other than Up.		
Raising condition: ('Path Management State' NOT EQUAL 'Active')		
Clearing condition: ('Path Management State' EQUAL 'Active')		
Remedial action: A Ga reference point (peer) is operationally down for one of the following reasons: the underlying IP or physical interface is down, the far end peer is down or the underlying transport between this NE and the peer NE is down. To resolve the issue ensure that the IP/physical interface is up, check that the far end peer is operational and check that the underlying transport network is up.		

Table 9-69 IgmpDown

Alarm	Attributes	Applicable major releases
Name: IgmpDown (158) Type: ProtocolAlarm (1) Package: igmp Raised on class: igmp.Site	Severity: critical Implicitly cleared: true Default probable cause: protocolDown (1)	<ul style="list-style-type: none"> • 7.0.0
Description: The alarm is raised when an IGMP site has an Operational State other than Up, and the Administrative State is Up.		
Raising condition: (('Administrative State' EQUAL 'Up') AND ('Operational State' NOT EQUAL 'Up'))		
Clearing condition: (('Operational State' EQUAL 'Up') OR ('Administrative State' NOT EQUAL 'Up'))		
Remedial action: While configured under VPRN, check if VPRN site is admin down, or if route distinguisher is not configured.		

Table 9-70 IncompleteConfig (multichassis)

Alarm	Attributes	Applicable major releases
Name: IncompleteConfig (294) Type: configurationAlarm (11) Package: multichassis Raised on classes: <ul style="list-style-type: none"> • multichassis.MultiChassisSync • multichassis.MultiChassisLagMember 	Severity: major Implicitly cleared: true Default probable cause: incompleteConfig (225)	<ul style="list-style-type: none"> • 4.0.0 • 5.0.0 • 6.0.0 • 7.0.0
Description: The alarm is raised when a peer configuration cannot be found on the peer NE.		
Raising condition: ('mcLagPointer' EQUAL '\\"')		
Clearing condition: ('mcLagPointer' NOT EQUAL '\\"')		

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Alarm	Attributes	Applicable major releases
Remedial action: Configure the missing peered object.		

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Table 9-71 IncompleteConfiguration

Alarm	Attributes	Applicable major releases
Name: IncompleteConfiguration (1942) Type: operationalViolation (93) Package: netw Raised on class: netw.NetworkElement	Severity: warning Implicitly cleared: true Default probable cause: incompleteConfig (225)	<ul style="list-style-type: none"> • 4.0.0 • 5.0.0 • 6.0.0 • 7.0.0
Description: The alarm is raised when a pre-provisioned NE has no objects configured beneath it.		
Raising condition: (('State' EQUAL 'Pre-provisioned') AND ('eNodeB Equipment' EQUAL '\'))		
Clearing condition: (('State' EQUAL 'Pre-provisioned') AND ('eNodeB Equipment' NOT EQUAL '\'))		
Remedial action: A configuration error has been made which must be corrected. The configuration of the pre-provisioned NE is incomplete. A work order was not associated with the pre-provisioned NE and as a consequence the attempt to auto-configure the NE failed.		

Table 9-72 IncorrectPeerConfig

Alarm	Attributes	Applicable major releases
Name: IncorrectPeerConfig (779) Type: configurationAlarm (11) Package: multichassis Raised on class: multichassis.AbstractPeer	Severity: major Implicitly cleared: true Default probable cause: IncorrectPeerConfig (554)	<ul style="list-style-type: none"> • 4.0.0 • 5.0.0 • 6.0.0 • 7.0.0
Description: The alarm is raised when an MC peer does not exist, or when an MC peer exists but the peer address is not the address of a network interface on the peer.		
Raising condition: ('peerMatchFound' EQUAL 'false')		
Clearing condition: ('peerMatchFound' EQUAL 'true')		
Remedial action: The peer configuration cannot be found on the peer NE. Either delete this one, or create the missing peer object.		

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Table 9-73 IncorrectPeerSynchronizationPortConfig

Alarm	Attributes	Applicable major releases
Name: IncorrectPeerSynchronizationPortConfig (780) Type: configurationAlarm (11) Package: multichassis Raised on class: multichassis.PeerSynchronizationPort	Severity: major Implicitly cleared: true Default probable cause: IncorrectPeerSynchronizationPortConfig (555)	<ul style="list-style-type: none"> • 4.0.0 • 5.0.0 • 6.0.0 • 7.0.0
Description: The alarm is raised when the peer port does not exist, or when the peer port exists but the synchronization tags of the peers do not match.		
Raising condition: ('peerMatchFound' EQUAL 'false')		
Clearing condition: ('peerMatchFound' EQUAL 'true')		
Remedial action: Check if the peer port does not exist, or the peer port exists but the synchronization tags do not match.		

Table 9-74 IncorrectPeerSynchronizationPortEncapRangeConfig

Alarm	Attributes	Applicable major releases
Name: IncorrectPeerSynchronizationPortEncapRangeConfig (781) Type: configurationAlarm (11) Package: multichassis Raised on class: multichassis.PeerSynchronizationPortEncapRange	Severity: major Implicitly cleared: true Default probable cause: IncorrectPeerSynchronizationPortEncapRangeConfig (556)	<ul style="list-style-type: none"> • 4.0.0 • 5.0.0 • 6.0.0 • 7.0.0
Description: The alarm is raised when the VLAN ranges on the Multi-Chassis synchronization peers do not match.		
Raising condition: ('Neighbor Match' EQUAL 'false')		
Clearing condition: ('Neighbor Match' EQUAL 'true')		
Remedial action: Update the VLAN ranges on the Multi-Chassis synchronization peers to make them matching.		

Table 9-75 InstanceDown (vrrp)

Alarm	Attributes	Applicable major releases
Name: InstanceDown (284) Type: configurationAlarm (11) Package: vrrp Raised on class: vrrp.AbstractInstance	Severity: major Implicitly cleared: true Default probable cause: instanceDown (216)	<ul style="list-style-type: none"> • 5.0.0 • 6.0.0 • 7.0.0
Description: The alarm is raised when the 5620 SAM detects that a VRRP instance is operationally down.		
Raising condition: (('Administrative State' EQUAL 'Up') AND ('Operational State' NOT EQUAL 'Up'))		
Clearing condition: (('Operational State' EQUAL 'Up') OR ('Administrative State' NOT EQUAL 'Up'))		

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Alarm	Attributes	Applicable major releases
Remedial action: Check the instance configuration		

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Table 9-76 InterfaceDown (netw)

Alarm	Attributes	Applicable major releases
Name: InterfaceDown (36) Type: InterfaceAlarm (13) Package: netw Raised on class: netw.StatefullConnectableInterface	Severity: critical Implicitly cleared: true Default probable cause: interfaceDown (32)	<ul style="list-style-type: none"> • 4.0.0 • 5.0.0 • 6.0.0 • 7.0.0
Description: The alarm is raised when an interface or underlying resource fails, as indicated by an interface compositeState attribute value of failed or underlyingResourceFailed.		
Raising condition: (('compositeState' EQUAL 'Inoperable') OR ('compositeState' EQUAL 'Underlying Resource Inoperable'))		
Clearing condition: (('compositeState' NOT EQUAL 'Inoperable') AND ('compositeState' NOT EQUAL 'Underlying Resource Inoperable'))		
Remedial action: A physical port (physical interface, LAG, channel) associated with the network interface in not operation. Ensure that the interface is cabled and that there is not a configuration error (i.e. MTU size set incorrectly) on the interface. Once the issue w		

Table 9-77 InterfaceDown (vpls)

Alarm	Attributes	Applicable major releases
Name: InterfaceDown (36) Type: configurationAlarm (11) Package: vpls Raised on class: vpls.L2ManagementInterface	Severity: major Implicitly cleared: true Default probable cause: interfaceDown (32)	<ul style="list-style-type: none"> • 4.0.0 • 5.0.0 • 6.0.0 • 7.0.0
Description: The alarm is raised when an L2 management interface has an Operational State of Down, and the associated VPLS site has an Administrative State of Up.		
Raising condition: (('administrativeState' EQUAL 'Up') AND ('operationalState' NOT EQUAL 'Up'))		
Clearing condition: (('operationalState' EQUAL 'Up') OR ('administrativeState' NOT EQUAL 'Up'))		
Remedial action: The condition exists because the physical interface is down either because it is administratively disabled, faulty or a cabling fault has occurred. Ensure that the interface is administratively up. Check for a poor cable connection to the port or for a faulty cable/fiber. If neither appears to be the problem run diagnostics on the port to determine if it is faulty.		

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Table 9-78 InterfaceNeighborDown

Alarm	Attributes	Applicable major releases
Name: InterfaceNeighborDown (661) Type: NeighborDown (20) Package: ospf Raised on class: ospf.Interface	Severity: warning Implicitly cleared: true Default probable cause: NeighborDown (103)	<ul style="list-style-type: none"> • 4.0.0 • 5.0.0 • 6.0.0 • 7.0.0
Description: The alarm is raised when an interface neighbor is operationally down.		
Raising condition: (('Neighbor Count' EQUAL '0L') AND ('interfaceClass' NOT EQUAL 'System') AND ('Passive' NOT EQUAL 'true'))		
Clearing condition: (('Neighbor Count' NOT EQUAL '0L') OR ('Passive' EQUAL 'true'))		
Remedial action: This alarm is raised when the OSPF interface neighbor is operationally down. The situation may occur if the underlying physical interface is down either because of administrative disabling or a fault on the far end port or due to a cable connection or cable failure. This alarm will also be raised if the underlying transport network fails or is unreliable. Resolving the underlying instability in the transport network will correct this problem.		

Table 9-79 IsisAdjacencyDown

Alarm	Attributes	Applicable major releases
Name: IsisAdjacencyDown (153) Type: adjacencyAlarm (31) Package: isis Raised on class: isis.Interface	Severity: minor Implicitly cleared: true Default probable cause: IsisInterfaceDown (232)	<ul style="list-style-type: none"> • 4.0.0 • 5.0.0 • 6.0.0 • 7.0.0
Description: The alarm is raised when an IS-IS interface has no adjacencies, for example, because the IS-IS protocol on the remote site is down.		
Raising condition: (('Adjacency Count' EQUAL '0L') AND ('interfaceClass' NOT EQUAL 'System') AND ('Passive' NOT EQUAL 'True'))		
Clearing condition: (('Adjacency Count' > '0L') OR ('Passive' EQUAL 'True'))		
Remedial action: Check remote site to see if corresponding IS-IS interface is configured and admin up.		

Table 9-80 IsisDown

Alarm	Attributes	Applicable major releases
Name: IsisDown (19) Type: ProtocolAlarm (1) Package: isis Raised on class: isis.Site	Severity: critical Implicitly cleared: true Default probable cause: protocolDown (1)	<ul style="list-style-type: none"> • 4.0.0 • 5.0.0 • 6.0.0 • 7.0.0
Description: The alarm is raised when an IS-IS site has an Operational State other than Up, and the Administrative State is Up.		
Raising condition: (('Administrative State' EQUAL 'Up') AND ('Operational State' NOT EQUAL 'Up'))		
Clearing condition: (('Operational State' EQUAL 'Up') OR ('Administrative State' NOT EQUAL 'Up'))		
Remedial action: The protocol is not working anymore, could be a problem with IP addresses, resources on the device, ...		

Table 9-81 IsisInterfaceDown

Alarm	Attributes	Applicable major releases
Name: IsisInterfaceDown (301) Type: ProtocolAlarm (1) Package: isis Raised on class: isis.Interface	Severity: warning Implicitly cleared: true Default probable cause: protocolDown (1)	<ul style="list-style-type: none"> • 4.0.0 • 5.0.0 • 6.0.0 • 7.0.0
Description: The alarm is raised when an IS-IS interface has an Operational State other than Up.		
Raising condition: ('Operational State' EQUAL 'Down')		
Clearing condition: ('Operational State' NOT EQUAL 'Down')		
Remedial action: Check if underlying port is down, or associated network interface is down.		

Table 9-82 KeepAliveProblem

Alarm	Attributes	Applicable major releases
Name: KeepAliveProblem (100) Type: oamAlarm (18) Package: svt Raised on class: svt.Tunnel	Severity: warning Implicitly cleared: true Default probable cause: keepAliveFailed (86)	<ul style="list-style-type: none"> • 4.0.0 • 5.0.0 • 6.0.0 • 7.0.0
Description: The alarm is raised when the 5620 SAM detects a keep-alive protocol status of senderIdInvalid or responderIdError.		
Raising condition: (('Keep-Alive State' NOT EQUAL 'Disabled') AND ('Keep-Alive State' NOT EQUAL 'Alive') AND ('Keep-Alive State' NOT EQUAL 'Unknown'))		
Clearing condition: (('Keep-Alive State' EQUAL 'Disabled') OR ('Keep-Alive State' EQUAL 'Alive') OR ('Keep-Alive State' EQUAL 'Unknown'))		
Remedial action: Check the configuration of this tunnel and underlying physical transport.		

Table 9-83 LabelProblem

Alarm	Attributes	Applicable major releases
Name: LabelProblem (98) Type: CircuitAlarm (17) Package: svt Raised on class: svt.SdpBinding	Severity: critical Implicitly cleared: true Default probable cause: labelProblem (84)	<ul style="list-style-type: none"> • 4.0.0 • 5.0.0 • 6.0.0 • 7.0.0
Description: The alarm is raised when an ingress or an egress label is missing.		
Raising condition: (('Operational State' EQUAL 'No Egress Label') OR ('Operational State' EQUAL 'No Ingress Label') OR ('Operational State' EQUAL 'No Labels'))		
Clearing condition: (('Operational State' NOT EQUAL 'No Egress Label') AND ('Operational State' NOT EQUAL 'No Ingress Label') AND ('Operational State' NOT EQUAL 'No Labels'))		
Remedial action: An ingress or egress label is missing for the SDP binding.		

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Table 9-84 LagDown

Alarm	Attributes	Applicable major releases
Name: LagDown (20) Type: equipmentAlarm (3) Package: lag Raised on class: lag.Interface	Severity: critical Implicitly cleared: true Default probable cause: lagDown (17)	<ul style="list-style-type: none"> • 4.0.0 • 5.0.0 • 6.0.0 • 7.0.0
Description: The alarm is raised when all ports in a LAG are operationally down.		
Raising condition: (('Administrative State' EQUAL 'Up') AND ('operationalState' NOT EQUAL 'Up'))		
Clearing condition: (('operationalState' EQUAL 'Up') OR ('Administrative State' NOT EQUAL 'Up'))		
Remedial action: This alarm indicates that all physical Ethernet links associated with a LAG are operationally down. The reasons for the links to be down may vary from link to link. The following possible causes of this alarm should be investigated. The physical port (near end or far end) may have failed - this can be remedied by replacing the interface card in question. The physical links may have been turned down administratively - re-enable the links. A cable failure or disconnect may have occurred - please ensure that the cables are properly connected to the physical port and that the cable has not been damaged.		

Table 9-85 LagPortAddFailed

Alarm	Attributes	Applicable major releases
Name: LagPortAddFailed (422) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.PhysicalPort	Severity: warning Implicitly cleared: true Default probable cause: linkDown (315)	<ul style="list-style-type: none"> • 4.0.0 • 5.0.0 • 6.0.0 • 7.0.0
Description: The alarm is raised when the Lag Port Add function Fails.		
Raising condition: (('state' EQUAL 'Link Down') AND ('LAG ID' > '0'))		
Clearing condition: (('state' NOT EQUAL 'Link Down') OR ('LAG ID' EQUAL '0'))		
Remedial action: A configuration error has occurred which must be corrected. The link that was to be added to the LAG group may be of the wrong type (i.e. non ethernet) or the limit of the number of links supported in a LAG may have been reached.		

Table 9-86 LdpDown

Alarm	Attributes	Applicable major releases
Name: LdpDown (22) Type: ProtocolAlarm (1) Package: ldp Raised on class: ldp.Site	Severity: critical Implicitly cleared: true Default probable cause: protocolDown (1)	<ul style="list-style-type: none"> • 4.0.0 • 5.0.0 • 6.0.0 • 7.0.0
Description: The alarm is raised when an LDP site has an Operational State other than Up, and the Administrative State is Up.		
Raising condition: (('Administrative State' EQUAL 'Up') AND ('Operational State' NOT EQUAL 'Up'))		
Clearing condition: (('Operational State' EQUAL 'Up') OR ('Administrative State' NOT EQUAL 'Up'))		
Remedial action: Check operational state down reason and update accordingly.		

Table 9-87 LdpSessionNonexistent

Alarm	Attributes	Applicable major releases
Name: LdpSessionNonexistent (2954) Type: LdpSessionAlarm (101) Package: ldp Raised on class: ldp.Session	Severity: critical Implicitly cleared: true Default probable cause: LdpSessionDown (1149)	<ul style="list-style-type: none"> • 4.0.0 • 5.0.0 • 6.0.0 • 7.0.0
Description: The alarm is raised when an LDP session is non-existent.		
Raising condition: ('Session State' EQUAL 'Non-existent')		
Clearing condition: ('Session State' EQUAL 'Operational')		
Remedial action: Please check the LDP session path to make sure all associated protocols/interfaces/connections are OK.		

Table 9-88 LdpTargetedPeerDown

Alarm	Attributes	Applicable major releases
Name: LdpTargetedPeerDown (23) Type: ProtocolAlarm (1) Package: ldp Raised on class: ldp.TargetedPeer	Severity: critical Implicitly cleared: true Default probable cause: protocolDown (1)	<ul style="list-style-type: none"> • 4.0.0 • 5.0.0 • 6.0.0 • 7.0.0
Description: The alarm is raised when an LDP targeted peer is operationally down.		
Raising condition: (('administrativeState' EQUAL 'Up') AND ('operationalState' NOT EQUAL 'Up'))		
Clearing condition: (('operationalState' EQUAL 'Up') OR ('administrativeState' NOT EQUAL 'Up'))		
Remedial action: Please check the route to LDP targeted peer to make sure all associated protocols/interfaces/connections are OK.		

Table 9-89 LicensedLimitExceeded

Alarm	Attributes	Applicable major releases
Name: LicensedLimitExceeded (127) Type: licensingAlarm (23) Package: security Raised on class: security.ProductLicense	Severity: critical Implicitly cleared: true Default probable cause: licensedLimitExceeded (106)	<ul style="list-style-type: none"> • 4.0.0 • 5.0.0 • 6.0.0 • 7.0.0
Description: The alarm is raised when the license items in the network exceeds 100 percent of the license capacity.		
Raising condition: ('Exceeded' EQUAL 'true')		
Clearing condition: ('Exceeded' NOT EQUAL 'true')		
Remedial action: Informational - The number of SAM licenses purchased and available on the SAM server is insufficient as compared to the number of NEs/MDA/Cells under management in the network. Please contact Alcatel-Lucent Sales to purchase additional licenses.		

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Table 9-90 LinkDown (equipment)

Alarm	Attributes	Applicable major releases
Name: LinkDown (12) Type: communicationsAlarm (4) Package: equipment Raised on class: equipment.Equipment	Severity: major Implicitly cleared: true Default probable cause: portLinkProblem (10)	<ul style="list-style-type: none"> • 4.0.0 • 5.0.0 • 6.0.0 • 7.0.0
Description: The alarm is raised when a port has no associated physical link or remote end point is operationally down.		
Raising condition: (('compositeEquipmentState' EQUAL 'Link Down') OR ('compositeEquipmentState' EQUAL 'Oper Down'))		
Clearing condition: (('compositeEquipmentState' NOT EQUAL 'Link Down') AND ('compositeEquipmentState' NOT EQUAL 'Oper Down'))		
Remedial action: Please make sure that port has physical link and remote end point is operationally up.		

Table 9-91 LowTemperatureDetected

Alarm	Attributes	Applicable major releases
Name: LowTemperatureDetected (1127) Type: environmentalAlarm (2) Package: equipment Raised on class: equipment.Shelf	Severity: major Implicitly cleared: true Default probable cause: equipmentOvercooled (838)	<ul style="list-style-type: none"> • 4.0.0 • 5.0.0 • 6.0.0 • 7.0.0
Description: The alarm is raised when the chassis temperature falls below the minimum threshold.		
Raising condition: ('Low Temperature State' EQUAL 'Low')		
Clearing condition: ('Low Temperature State' NOT EQUAL 'Low')		
Remedial action: The NE has detected internal temperatures which are abnormally low. This may happen when the environment that the NE is operating in may not be within specifications found in the NE user guides.		

Table 9-92 LspDown

Alarm	Attributes	Applicable major releases
Name: LspDown (25) Type: pathAlarm (12) Package: mpls Raised on class: mpls.Lsp	Severity: critical Implicitly cleared: true Default probable cause: lspDown (19)	<ul style="list-style-type: none"> • 4.0.0 • 5.0.0 • 6.0.0 • 7.0.0
Description: The alarm is raised when the Operational State of an LSP is Down, but the Administrative State is Up.		
Raising condition: (('administrativeState' EQUAL 'Up') AND ('operationalState' NOT EQUAL 'Up'))		
Clearing condition: (('operationalState' EQUAL 'Up') OR ('administrativeState' NOT EQUAL 'Up'))		
Remedial action: So many things can cause LSP down, check if source and destination interfaces are down, LSP path is down and the failure code, or MPLS path is down...		

Table 9-93 LspPathBypassTunnelActive

Alarm	Attributes	Applicable major releases
Name: LspPathBypassTunnelActive (264) Type: pathAlarm (12) Package: mpls Raised on class: mpls.LspPath	Severity: warning Implicitly cleared: true Default probable cause: LspPathReroutedToBypassTunnel (197)	<ul style="list-style-type: none"> • 4.0.0 • 5.0.0 • 6.0.0 • 7.0.0
Description: The alarm is raised when an LSP primary path is rerouted to the bypass tunnel. The alarm clears when the primary path returns to the original tunnel and the actual hop returns to the primary path.		
Raising condition: ('Bypass Tunnel Active' EQUAL 'true')		
Clearing condition: ('Bypass Tunnel Active' EQUAL 'false')		
Remedial action: There is a problem with the original path, check what is the problem and fix it if possible.		

Table 9-94 LspPathDown

Alarm	Attributes	Applicable major releases
Name: LspPathDown (26) Type: pathAlarm (12) Package: mpls Raised on class: mpls.LspPath	Severity: major Implicitly cleared: true Default probable cause: LspPathDown (20)	<ul style="list-style-type: none"> • 4.0.0 • 5.0.0 • 6.0.0 • 7.0.0
Description: The alarm is raised when an LSP path is operationally down.		
Raising condition: (('Administrative' EQUAL 'Up') AND ('Operational' NOT EQUAL 'Up') AND ('Type' EQUAL 'Standby'))		
Clearing condition: (('Operational' EQUAL 'Up') OR ('Administrative' NOT EQUAL 'Up') OR ('Type' EQUAL 'Secondary'))		
Remedial action: Check the failure code and update accordingly, e.g. whether MPLS/RSVP interfaces, OSPF interfaces are down.		

Table 9-95 macMoveRateExceeded (service)

Alarm	Attributes	Applicable major releases
Name: macMoveRateExceeded (3690) Type: accessInterfaceAlarm (40) Package: service Raised on class: service.AccessInterface	Severity: minor Implicitly cleared: true Default probable cause: MacMoveRateExceeded (1429)	<ul style="list-style-type: none"> • 4.0.0 • 5.0.0 • 6.0.0 • 7.0.0
Description: The alarm is raised when the SAP exceeds the MAC Move Frequency of the service site.		
Raising condition: ('State Cause'anyBit'Relearn Limit Exceeded')		
Clearing condition: NOT (('State Cause'anyBit'Relearn Limit Exceeded'))		
Remedial action: Informational.		

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Table 9-96 macMoveRateExceeded (svt)

Alarm	Attributes	Applicable major releases
Name: macMoveRateExceeded (3690) Type: SpokeSdpBindingAlarm (104) Package: svt Raised on class: svt.SpokeSdpBinding	Severity: minor Implicitly cleared: true Default probable cause: MacMoveRateExceeded (1429)	<ul style="list-style-type: none"> • 4.0.0 • 5.0.0 • 6.0.0 • 7.0.0
Description: The alarm is raised when the SDP exceeds the Service Site's MAC Move Frequency.		
Raising condition: ('operationalFlags'anyBit'Relearn Limit Exceeded')		
Clearing condition: NOT (('operationalFlags'anyBit'Relearn Limit Exceeded'))		
Remedial action: Check Service Site MAC move frequency or underlying physical link to understand issue.		

Table 9-97 macMoveRateExceededNonBlock (service)

Alarm	Attributes	Applicable major releases
Name: macMoveRateExceededNonBlock (4893) Type: accessInterfaceAlarm (40) Package: service Raised on class: service.AccessInterface	Severity: info Implicitly cleared: true Default probable cause: MacMoveRateExceededNonBlock (1951)	<ul style="list-style-type: none"> • 4.0.0 • 5.0.0 • 6.0.0 • 7.0.0
Description: The alarm is raised when the SAP exceeds the MAC Move Frequency of the service site when limitMacMove(sapTIsLimitMacMove) is set to 'nonBlocking'.		
Raising condition: ('State Cause'anyBit'Relearn Limit Exceeded')		
Clearing condition: NOT (('State Cause'anyBit'Relearn Limit Exceeded'))		
Remedial action: Informational - User can adjust the value of 'MAC Move Maximum Rate' to reduce the frequency of this alarm.		

Table 9-98 macMoveRateExceededNonBlock (svt)

Alarm	Attributes	Applicable major releases
Name: macMoveRateExceededNonBlock (4893) Type: SpokeSdpBindingAlarm (104) Package: svt Raised on class: svt.SpokeSdpBinding	Severity: info Implicitly cleared: true Default probable cause: MacMoveRateExceededNonBlock (1951)	<ul style="list-style-type: none"> • 4.0.0 • 5.0.0 • 6.0.0 • 7.0.0
Description: The alarm is raised when the SDP exceeds the Service Site's MAC Move Frequency even when limitMacMove(sdpBindTIsLimitMacMove) is set to 'nonBlocking'.		
Raising condition: ('operationalFlags'anyBit'Relearn Limit Exceeded')		
Clearing condition: NOT (('operationalFlags'anyBit'Relearn Limit Exceeded'))		
Remedial action: Informational - User can adjust the value of 'MAC Move Maximum Rate' to reduce the frequency of this alarm.		

Table 9-99 MCLagDown (lag)

Alarm	Attributes	Applicable major releases
Name: MCLagDown (394) Type: equipmentAlarm (3) Package: lag Raised on class: lag.MultiChassisLagSpecifics	Severity: critical Implicitly cleared: true Default probable cause: mclagDown (295)	<ul style="list-style-type: none"> • 4.0.0 • 5.0.0 • 6.0.0 • 7.0.0
Description: The alarm is raised when all ports in an MC LAG are operationally down.		
Raising condition: (('administrativeState' EQUAL 'Up') AND ('operationalState' NOT EQUAL 'Up'))		
Clearing condition: (('operationalState' EQUAL 'Up') OR ('administrativeState' NOT EQUAL 'Up'))		
Remedial action: This alarm indicates that all physical Ethernet links associated with a LAG are operationally down. The reasons for the links to be down may vary from link to link. The following possible causes of this alarm should be investigated. The physical port (near end or far end may have failed - this can be remedied by replacing the interface card in question. The physical links may have been turned down administratively - re-enable the links. A cable failure or disconnect may have occurred - please ensure that the cables are properly connected to the physical port and and that the cable has not been damaged.		

Table 9-100 MCLagDown (multichassis)

Alarm	Attributes	Applicable major releases
Name: MCLagDown (394) Type: equipmentAlarm (3) Package: multichassis Raised on class: multichassis.MultiChassisLagPeerSpecifics	Severity: critical Implicitly cleared: true Default probable cause: mclagDown (295)	<ul style="list-style-type: none"> • 4.0.0 • 5.0.0 • 6.0.0 • 7.0.0
Description: The alarm is raised when all ports in an MC LAG are operationally Down.		
Raising condition: (('Administrative State' EQUAL 'Up') AND ('Operational State' NOT EQUAL 'Up'))		
Clearing condition: (('Operational State' EQUAL 'Up') OR ('Administrative State' NOT EQUAL 'Up'))		
Remedial action: This alarm indicates that all physical Ethernet links associated with a LAG are operationally down. The reasons for the links to be down may vary from link to link. The following possible causes of this alarm should be investigated. The physical port (near end or far end may have failed - this can be remedied by replacing the interface card in question. The physical links may have been turned down administratively - re-enable the links. A cable failure or disconnect may have occurred - please ensure that the cables are properly connected to the physical port and and that the cable has not been damaged.		

Table 9-101 MepAISReceivedAlarm

Alarm	Attributes	Applicable major releases
Name: MepAISReceivedAlarm (2945) Type: oamAlarm (18) Package: ethernetoam Raised on class: ethernetoam.Mep	Severity: variable Implicitly cleared: true Default probable cause: missingRemoteMep (388)	<ul style="list-style-type: none"> • 4.0.0 • 5.0.0 • 6.0.0 • 7.0.0
Description: The alarm is raised when a MEP receives AIS test frames from one or more of its sub-layer MEPs.		

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Alarm	Attributes	Applicable major releases
Raising condition: (('AIS Received (AisRx)' EQUAL 'true') AND ('Facility VLAN ID' EQUAL '0'))		
Clearing condition: ('AIS Received (AisRx)' EQUAL 'false')		
Remedial action: This alarm indicates that it has received a MEP fault from a sub-layer MEP, user should investigate the fault cause on the sub-layer MEP and resolve this root cause issue.		

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Table 9-102 MobileConnectorDown

Alarm	Attributes	Applicable major releases
Name: MobileConnectorDown (1064) Type: EpcAlarm (59) Package: Iteservice Raised on class: Iteservice.MobileServiceConnector	Severity: minor Implicitly cleared: true Default probable cause: EpcDown (519)	<ul style="list-style-type: none"> • 4.0.0 • 5.0.0 • 6.0.0 • 7.0.0
Description: The alarm is raised when the 5620 SAM no longer manages the EPS path instance of this mobile service site. As a result, the service must be regenerated.		
Raising condition: ('EPS Path' EQUAL '\')		
Clearing condition: ('EPS Path' NOT EQUAL '\')		
Remedial action: The underlying transport network has gone down resulting in the deletion of a mobile service connector (EPS path). Correct the issue with the transport network and regenerate the mobile service connector by clicking on the re-calculate button on the mobile service properties form.		

Table 9-103 MplsDown

Alarm	Attributes	Applicable major releases
Name: MplsDown (27) Type: ProtocolAlarm (1) Package: mpls Raised on class: mpls.Site	Severity: critical Implicitly cleared: true Default probable cause: protocolDown (1)	<ul style="list-style-type: none"> • 4.0.0 • 5.0.0 • 6.0.0 • 7.0.0
Description: The alarm is raised when an MPLS site has an Operational State other than Up, and the Administrative State is Up.		
Raising condition: (('Administrative State' EQUAL 'Up') AND ('Operational State' NOT EQUAL 'Up'))		
Clearing condition: (('Operational State' EQUAL 'Up') OR ('Administrative State' NOT EQUAL 'Up'))		
Remedial action: Check operational down reason and update accordingly.		

Table 9-104 MplsPathUpdateFailed

Alarm	Attributes	Applicable major releases
Name: MplsPathUpdateFailed (1066) Type: pathAlarm (12) Package: mpls Raised on class: mpls.LspPath	Severity: major Implicitly cleared: true Default probable cause: mbbRetryExceeded (804) Applicable probable causes: <ul style="list-style-type: none"> • mbbRetryExceeded • lspPathGoingDown • startingHighPriMbb • restartingMbb • highPriMbbInProg 	<ul style="list-style-type: none"> • 4.0.0 • 5.0.0 • 6.0.0 • 7.0.0
Description: The alarm is raised when an MPLS path update fails because of an MBB problem. The alarm clears when the MBB status changes to Successful.		
Raising condition: (('mbbStatus' NOT EQUAL 'None') AND ('mbbStatus' NOT EQUAL 'Successful'))		
Clearing condition: (('Last Performed State' EQUAL 'Success') OR ('Administrative' EQUAL 'Down') OR (('Operational' EQUAL 'Up') AND ('Last Performed State' EQUAL 'None'))		
Remedial action: Based on the probable cause, change the parameters and update the path again.		

Table 9-105 MvrConfiguredFromVplsNotExist

Alarm	Attributes	Applicable major releases
Name: MvrConfiguredFromVplsNotExist (219) Type: configurationAlarm (11) Package: vpls Raised on classes: <ul style="list-style-type: none"> • vpls.L2AccessInterfaceMldMvrCfg • vpls.L2AccessInterfaceMvrCfg 	Severity: warning Implicitly cleared: true Default probable cause: MvrConfiguredFromVplsNotExist (164)	<ul style="list-style-type: none"> • 4.0.0 • 5.0.0 • 6.0.0 • 7.0.0
Description: The alarm is raised when an MVR source is an MVR VPLS that does not exist. The alarm clears when the MVR VPLS is created.		
Raising condition: ('fromVplsExists' EQUAL 'false')		
Clearing condition: (('fromVplsExists' EQUAL 'true') OR ('fromVplsId' EQUAL '0L'))		
Remedial action: Create the missing MVR VPLS.		

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Table 9-106 MvrConfiguredProxySapNotExist

Alarm	Attributes	Applicable major releases
Name: MvrConfiguredProxySapNotExist (220) Type: configurationAlarm (11) Package: vpls Raised on classes: <ul style="list-style-type: none"> vpls.L2AccessInterfaceMldMvrCfg vpls.L2AccessInterfaceMvrCfg 	Severity: warning Implicitly cleared: true Default probable cause: MvrConfiguredProxySapNotExist (165)	<ul style="list-style-type: none"> 4.0.0 5.0.0 6.0.0 7.0.0
Description: The alarm is raised when a configured MVR proxy SAP does not exist. The alarm clears when the proxy SAP is created.		
Raising condition: ('proxySapExists' EQUAL 'false')		
Clearing condition: ('proxySapExists' EQUAL 'true')		
Remedial action: Create the missing proxy SAP.		

Table 9-107 MvrSiteDown

Alarm	Attributes	Applicable major releases
Name: MvrSiteDown (162) Type: ProtocolAlarm (1) Package: layer2 Raised on class: layer2.MvrSite	Severity: warning Implicitly cleared: true Default probable cause: protocolDown (1)	<ul style="list-style-type: none"> 4.0.0 5.0.0 6.0.0 7.0.0
Description: The alarm is raised when MVR is disabled on an NE and a TLS VLAN or MVR VLAN service is provisioned on the NE.		
Raising condition: ('MVR Admin Status' EQUAL 'Disabled')		
Clearing condition: ('MVR Admin Status' EQUAL 'Enabled')		
Remedial action: To clear the alarm, enable MVR Admin Status under the Bridge Instance.		

Table 9-108 NeighborDown

Alarm	Attributes	Applicable major releases
Name: NeighborDown (121) Type: NeighborDown (20) Package: ospf Raised on class: ospf.AbstractNeighbor	Severity: major Implicitly cleared: true Default probable cause: NeighborDown (103)	<ul style="list-style-type: none"> 4.0.0 5.0.0 6.0.0 7.0.0
Description: The alarm is raised when an OSPF interface neighbor is operationally Down.		
Raising condition: ('Operational State' NOT EQUAL 'full')		
Clearing condition: ('Operational State' EQUAL 'full')		

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Alarm	Attributes	Applicable major releases
<p>Remedial action: This alarm is raised when the OSPF interface neighbor is operationally down. The situation may occur if the underlying physical interface is down either because of administrative disabling or a fault on the far end port or due to a cable connection or cable failure. This alarm will also be raised if the underlying transport network fails or is unreliable. Resolving the underlying instability in the transport network will correct this problem.</p>		

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Table 9-109 NeManagementAndTrapManagementMismatch

Alarm	Attributes	Applicable major releases
<p>Name: NeManagementAndTrapManagementMismatch (1079) Type: communicationsAlarm (4) Package: netw Raised on class: netw.NetworkElement</p>	<p>Severity: warning Implicitly cleared: true Default probable cause: neManagementChange (817)</p>	<ul style="list-style-type: none"> • 4.0.0 • 5.0.0 • 6.0.0 • 7.0.0
<p>Description: This user-defined alarm is raised when the NE configuration is one of the following: - The Active Management IP is set to Out Of Band, and the Primary Route Preference is set to In Band. - The Active Management IP is set to In Band, and the Primary Route Preference is set to Out of Band.</p>		
<p>Raising condition: (((('Active Management IP' EQUAL 'In Band') AND (('Management IP Selection' EQUAL 'In Band Preferred') OR ('Management IP Selection' EQUAL 'In Band Only')) AND ('Primary Route Preference' EQUAL 'Out Of Band') AND ('Secondary Route Preference' EQUAL 'In Band')) OR (('Active Management IP' EQUAL 'Out Of Band') AND (('Management IP Selection' EQUAL 'Out Of Band Preferred') OR ('Management IP Selection' EQUAL 'Out Of Band Only')) AND ('Primary Route Preference' EQUAL 'In Band') AND ('Secondary Route Preference' EQUAL 'Out Of Band'))))</p>		
<p>Clearing condition: (((('Active Management IP' EQUAL 'In Band') AND (('Management IP Selection' EQUAL 'In Band Preferred') OR ('Management IP Selection' EQUAL 'In Band Only')) AND ('Primary Route Preference' EQUAL 'In Band')) OR (('Active Management IP' EQUAL 'Out Of Band') AND (('Management IP Selection' EQUAL 'Out Of Band Preferred') OR ('Management IP Selection' EQUAL 'Out Of Band Only')) AND ('Primary Route Preference' EQUAL 'Out Of Band'))))</p>		
<p>Remedial action: A configuration error has been made which must be corrected. The parameters described in the description for this alarm must match.</p>		

Table 9-110 NewSsh2ServerKeyDetected

Alarm	Attributes	Applicable major releases
<p>Name: NewSsh2ServerKeyDetected (285) Type: communicationsAlarm (4) Package: security Raised on class: security.KnownHostKey</p>	<p>Severity: warning Implicitly cleared: true Default probable cause: ssh2ServerKeyMismatch (217)</p>	<ul style="list-style-type: none"> • 4.0.0 • 5.0.0 • 6.0.0 • 7.0.0
<p>Description: The alarm is raised when a 5620 SAM main server detects a new public SSH key.</p>		
<p>Raising condition: ('SSH2 Server Key Status' EQUAL 'Mismatch SSH2 Host Key')</p>		
<p>Clearing condition: ('SSH2 Server Key Status' EQUAL 'Active SSH2 Host Key')</p>		
<p>Remedial action: Informational - possible security breach. The SSH key of the router is different from the one known to the SAM server.</p>		

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Table 9-111 NodeDatabaseFallbackDetected

Alarm	Attributes	Applicable major releases
Name: NodeDatabaseFallbackDetected (2923) Type: communicationsAlarm (4) Package: netw Raised on class: netw.NetworkElement	Severity: major Implicitly cleared: true Default probable cause: nodeDatabaseFallback (1121)	<ul style="list-style-type: none"> • 4.0.0 • 5.0.0 • 6.0.0 • 7.0.0
Description: The alarm is raised when a configuration fallback is detected on the node and comes back up with a previous configuration. To correct this situation it might be necessary to reconfigure the node, or perform full resync its database with the 'fallback' configuration returned by the node.		
Raising condition: ('State' EQUAL 'Node Configuration Fallback')		
Clearing condition: ('State' EQUAL 'Managed')		
Remedial action: the NE has come back to a previous configuration. Perform a manual Full Resync or a Reconfigure of the NE		

Table 9-112 NodeDatabaseMisalignmentDetected

Alarm	Attributes	Applicable major releases
Name: NodeDatabaseMisalignmentDetected (2924) Type: communicationsAlarm (4) Package: netw Raised on class: netw.NetworkElement	Severity: major Implicitly cleared: true Default probable cause: nodeDatabaseMisalignment (1122)	<ul style="list-style-type: none"> • 4.0.0 • 5.0.0 • 6.0.0 • 7.0.0
Description: The alarm is raised when a configuration misalignment has been detected on the node and comes back up with an unexpected configuration (configuration change triggered by external tool) To correct this situation it might be necessary to reconfigure the node with the 5620 SAM's old configuration or accept the new configuration received from the node.		
Raising condition: ('State' EQUAL 'Node Configuration Misalignment')		
Clearing condition: ('State' EQUAL 'Managed')		
Remedial action: the NE configuration is misaligned. Perform a resync in order to update SAM configuration according to the NE.		

Table 9-113 NodeRebooted

Alarm	Attributes	Applicable major releases
Name: NodeRebooted (32) Type: equipmentAlarm (3) Package: netw Raised on class: netw.NetworkElement	Severity: warning Implicitly cleared: false Default probable cause: nodeReboot (25)	<ul style="list-style-type: none"> • 4.0.0 • 5.0.0 • 6.0.0 • 7.0.0
Description: The alarm is raised when the 5620 SAM detects an NE reboot based on the latest NE sysUpTime value.		
Remedial action: Informational - if the alarm persists please contact Alcatel-Lucent support for assistance		

Table 9-114 NodeSuspended

Alarm	Attributes	Applicable major releases
Name: NodeSuspended (5123) Type: communicationsAlarm (4) Package: netw Raised on class: netw.NetworkElement	Severity: critical Implicitly cleared: true Default probable cause: NodeSuspend (2057)	<ul style="list-style-type: none"> • 4.0.0 • 5.0.0 • 6.0.0 • 7.0.0
Description: The alarm is raised when the 5620 SAM detects an NE moved to suspend state as per user request.		
Raising condition: ('SNMP Reachability' EQUAL 'Suspended')		
Clearing condition: ('SNMP Reachability' NOT EQUAL 'Suspended')		
Remedial action: This alarm is raised when user suspends the network element. The alarm will be cleared when the network element is managed back.		

Table 9-115 NTPOperDown

Alarm	Attributes	Applicable major releases
Name: NTPOperDown (4879) Type: communicationsAlarm (4) Package: ntp Raised on class: ntp.NTP	Severity: info Implicitly cleared: true Default probable cause: NTPOperDown (1943)	<ul style="list-style-type: none"> • 5.0.0 • 6.0.0 • 7.0.0
Description: The alarm is generated when the NTP Operational State is down for NTP.		
Raising condition: (('Operational State' EQUAL 'Down') AND ('NTP State' EQUAL 'Enabled'))		
Clearing condition: (('Operational State' EQUAL 'Up') OR ('NTP State' EQUAL 'Disabled'))		
Remedial action: Please check if NTP is administratively enabled (Admin State in NTP General Tab). If admin state down, enable it to make NTP operationally up.		

Table 9-116 OrphanNodeDetected

Alarm	Attributes	Applicable major releases
Name: OrphanNodeDetected (4866) Type: discoveryControlAlarm (33) Package: netw Raised on class: netw.AdvertisedNode	Severity: major Implicitly cleared: true Default probable cause: nodeNotMangedByAnyEms (1934)	<ul style="list-style-type: none"> • 4.0.0 • 5.0.0 • 6.0.0 • 7.0.0
Description: The alarm is raised when node is node managed by any EMS after n retries(threshold crossed) it is manually cleared by the operator or when the node is discovered.		
Raising condition: ('State' EQUAL 'Orphan')		
Remedial action: The NE is not managed by any SAM. Add an discovery rule in order to managed it.		

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Table 9-117 OspfInterfaceDown

Alarm	Attributes	Applicable major releases
Name: OspfInterfaceDown (141) Type: OspfInterfaceDown (24) Package: ospf Raised on class: ospf.Interface	Severity: warning Implicitly cleared: true Default probable cause: OspfInterfaceDown (112)	<ul style="list-style-type: none"> • 4.0.0 • 5.0.0 • 6.0.0 • 7.0.0
Description: The alarm is raised when an OSPF interface is operationally down.		
Raising condition: ('operationalState' EQUAL 'Down')		
Clearing condition: ('operationalState' NOT EQUAL 'Down')		
Remedial action: This alarm is raised when the OSPF interface is operationally down. The situation may occur if the underlying physical interface is down either because of administrative disabling or a fault on the far end port or due to a cable connection or cable failure. This alarm will also be raised if the underlying transport network fails or is unreliable. Resolving the underlying instability in the transport network will correct this problem.		

Table 9-118 OverTemperatureDetected

Alarm	Attributes	Applicable major releases
Name: OverTemperatureDetected (388) Type: environmentalAlarm (2) Package: equipment Raised on class: equipment.Shelf	Severity: major Implicitly cleared: true Default probable cause: equipmentOverheated (5)	<ul style="list-style-type: none"> • 4.0.0 • 5.0.0 • 6.0.0 • 7.0.0
Description: The alarm is raised when the chassis temperature exceeds the maximum threshold value.		
Raising condition: ('Over Temperature State' EQUAL 'Over')		
Clearing condition: ('Over Temperature State' NOT EQUAL 'Over')		
Remedial action: The NE has detected internal temperatures which are abnormally high. This could be caused by a failed fan unit or one or more dirty fan filters. Replacing the failed unit or filters should resolve the problem. Alternately the environment that the NE is operating in may not be within specifications found in the NE user guides.		

Table 9-119 PartialResyncProblem

Alarm	Attributes	Applicable major releases
Name: PartialResyncProblem (4401) Type: communicationsAlarm (4) Package: netw Raised on class: netw.NetworkElement	Severity: warning Implicitly cleared: true Default probable cause: partialResyncProblem (1578)	<ul style="list-style-type: none"> • 4.0.0 • 5.0.0 • 6.0.0 • 7.0.0
Description: The alarm is raised when a partial resync on an NE fails. For example, when resyncing only some MIB entries as opposed to a full resync. The periodic reachability test (sysUpTime) is not considered a partial resync, neither is a full resync. However, a PartialResyncProblem alarm can only be reset by a FullResync.		
Raising condition: ('partialResyncStatus' EQUAL 'Partial Resync Failed')		

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Alarm	Attributes	Applicable major releases
Clearing condition: ('partialResyncStatus' EQUAL 'Partial Resync Done')		
Remedial action: Informational - if the alarm persists or is occurring frequently then investigation is required to understand a) why the underlying transport network is unreliable or b) why the NE is too busy to respond to 5620 SAM or c) has SNMP been disabled on the NE.		

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Table 9-120 PeerConnectionDown (bgp)

Alarm	Attributes	Applicable major releases
Name: PeerConnectionDown (2) Type: ProtocolAlarm (1) Package: bgp Raised on class: bgp.Peer	Severity: critical Implicitly cleared: true Default probable cause: connectionDown (2)	<ul style="list-style-type: none"> • 4.0.0 • 5.0.0 • 6.0.0 • 7.0.0
Description: The alarm is raised when a BGP peer has a Connection State other than Established, and the Administrative State of the BGP peer is Up.		
Raising condition: (('Connection State' NOT EQUAL 'Established') AND ('Administrative State' EQUAL 'Up'))		
Clearing condition: (('Connection State' EQUAL 'Established') OR ('Administrative State' NOT EQUAL 'Up'))		
Remedial action: A mismatch in configuration may have occurred. Check the configuration of both peers to rule out a mismatched configuration.		

Table 9-121 PeerDown (bgp)

Alarm	Attributes	Applicable major releases
Name: PeerDown (1) Type: ProtocolAlarm (1) Package: bgp Raised on class: bgp.Peer	Severity: critical Implicitly cleared: true Default probable cause: protocolDown (1)	<ul style="list-style-type: none"> • 4.0.0 • 5.0.0 • 6.0.0 • 7.0.0
Description: The alarm is raised when a BGP peer has an Operational State other than Up, and the Administrative State is Up.		
Raising condition: (('Administrative State' EQUAL 'Up') AND ('Operational State' NOT EQUAL 'Up'))		
Clearing condition: (('Operational State' EQUAL 'Up') OR ('Administrative State' NOT EQUAL 'Up'))		
Remedial action: The BGP peer entity is down - administratively disable the BGP peer and re-enable it. If toggling the administrative state does not solve the problem check that the physical interface and network connection to the far end peer are up and operational. If the problem persists please contact Alcatel-Lucent support for assistance.		

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Table 9-122 PeerGroupDown (bgp)

Alarm	Attributes	Applicable major releases
Name: PeerGroupDown (5) Type: ProtocolAlarm (1) Package: bgp Raised on class: bgp.PeerGroup	Severity: critical Implicitly cleared: true Default probable cause: protocolDown (1)	<ul style="list-style-type: none"> • 4.0.0 • 5.0.0 • 6.0.0 • 7.0.0
Description: The alarm is raised when a BGP peer group has an Operational State other than Up, and the Administrative State is Up.		
Raising condition: (('Administrative State' EQUAL 'Up') AND ('Operational State' NOT EQUAL 'Up'))		
Clearing condition: (('Operational State' EQUAL 'Up') OR ('Administrative State' NOT EQUAL 'Up'))		
Remedial action: The BGP peer group is down - administratively disable the BGP peer group and re-enable it. If the problem persists please contact Alcatel-Lucent support for assistance.		

Table 9-123 PeerLacIngressEgressFault

Alarm	Attributes	Applicable major releases
Name: PeerLacIngressEgressFault (2929) Type: PeerLacAlarm (98) Package: svt Raised on class: svt.SpokeSdpBinding	Severity: minor Implicitly cleared: true Default probable cause: peerPWStatusBitsChanged (1123)	<ul style="list-style-type: none"> • 4.0.0 • 5.0.0 • 6.0.0 • 7.0.0
Description: The alarm is raised when the Peer Status is Peer LAC Rx Fault and Peer LAC Tx Fault		
Raising condition: (('Peer State Cause'anyBit'Peer LAC Tx Fault') AND ('Peer State Cause'anyBit'Peer LAC Rx Fault'))		
Clearing condition: NOT (('Peer State Cause'anyBit'Peer LAC Tx Fault') AND ('Peer State Cause'anyBit'Peer LAC Rx Fault'))		
Remedial action: One of the following conditions exists on the referenced physical interface which must be corrected. A cable/fiber fault exists which must be corrected - check to ensure that the cable is not faulty and is properly connected. The port is faulty - run diagnostics on the port to determine the nature of the fault. If the problem cannot be resolved swap the card containing the port with a card which is known be functional.		

Table 9-124 PersistentIndexParametersMisconfigured

Alarm	Attributes	Applicable major releases
Name: PersistentIndexParametersMisconfigured (173) Type: configurationAlarm (11) Package: netw Raised on class: netw.NetworkElement	Severity: major Implicitly cleared: true Default probable cause: persistentIndexConfigurationMismatch (136)	<ul style="list-style-type: none"> • 4.0.0 • 5.0.0 • 6.0.0 • 7.0.0
Description: The alarm is raised when persistence is set to Off in the NE BOF.		
Raising condition: (('Persistent SNMP Indices' EQUAL 'False') OR (('hasRedundantProcessorCards' EQUAL 'true') AND ('Redundant Synchronization Mode' EQUAL 'None'))		

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Alarm	Attributes	Applicable major releases
Clearing condition: (('Persistent SNMP Indices' EQUAL 'True') AND (('hasRedundantProcessorCards' EQUAL 'false') OR ('Redundant Synchronization Mode' NOT EQUAL 'None')))		
Remedial action: A configuration error has occurred that must be corrected. Use the CLI on the NE to enable persistency in the BOF. The discovery process will complete on the next discovery scan. A re-scan can be triggered immediately for the NE from within the discovery manager		

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Table 9-125 PimDown

Alarm	Attributes	Applicable major releases
Name: PimDown (184) Type: ProtocolAlarm (1) Package: pim Raised on class: pim.Site	Severity: critical Implicitly cleared: true Default probable cause: protocolDown (1)	<ul style="list-style-type: none"> 7.0.0
Description: The alarm is raised when a PIM site is administratively Up but operationally Down. The alarm is cleared when the PIM site becomes operationally Up but administratively Down.		
Raising condition: (('Administrative State' EQUAL 'Up') AND ('Operational State' NOT EQUAL 'Up'))		
Clearing condition: (('Operational State' EQUAL 'Up') OR ('Administrative State' NOT EQUAL 'Up'))		
Remedial action: This should never happen. Contact Alcatel-Lucent Customer Support for assistance.		

Table 9-126 PollerProblem

Alarm	Attributes	Applicable major releases
Name: PollerProblem (31) Type: communicationsAlarm (4) Package: netw Raised on class: netw.NetworkElement	Severity: warning Implicitly cleared: true Default probable cause: resyncFailed (24)	<ul style="list-style-type: none"> 4.0.0 5.0.0 6.0.0 7.0.0
Description: The alarm is raised when the 5620 SAM is unable to poll a network object, for example, because of intermittent or no IP connectivity to an NE, incorrect SNMP security parameters, or disabled SNMP on the NE.		
Raising condition: ('Resync Status' EQUAL 'Full Resync Failed')		
Clearing condition: ('Resync Status' EQUAL 'Full Resync Done')		
Remedial action: Informational - if the alarm persists or is occurring frequently then investigation is required to understand a) why the underlying transport network is unreliable or b) why the NE is too busy to respond to 5620 SAM or c) has SNMP been disabled on the NE. Once the issue has been resolved SAM will automatically re-attempt.		

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Table 9-127 PortEtherSymMonSDAlarm

Alarm	Attributes	Applicable major releases
Name: PortEtherSymMonSDAlarm (5662) Type: communicationsAlarm (4) Package: ethernetequipment Raised on class: ethernetequipment.EthernetPortSpecifics	Severity: major Implicitly cleared: true Default probable cause: etherPortSymMonSDThresholdExceededAlarm (2439)	<ul style="list-style-type: none"> • 4.0.0 • 5.0.0 • 6.0.0 • 7.0.0
Description: The alarm is raised when an Ethernet port Symbol Monitor Failure alarm condition is detected (Signal Degradation Threshold exceeded).		
Raising condition: ('Symbol Alarm Reason' EQUAL 'SD Threshold Exceeded')		
Clearing condition: ('Symbol Alarm Reason' NOT EQUAL 'SD Threshold Exceeded')		
Remedial action: Symbol monitor signal degradation alarm could be cleared by changing/disabling the associated threshold/multiplier values or it is self clearing and will clear once the error rate drops below 1/10th of the configured rate.		

Table 9-128 PortEtherSymMonSFAlarm

Alarm	Attributes	Applicable major releases
Name: PortEtherSymMonSFAlarm (5663) Type: communicationsAlarm (4) Package: ethernetequipment Raised on class: ethernetequipment.EthernetPortSpecifics	Severity: major Implicitly cleared: true Default probable cause: etherPortSymMonSFThresholdExceededAlarm (2440)	<ul style="list-style-type: none"> • 4.0.0 • 5.0.0 • 6.0.0 • 7.0.0
Description: The alarm is raised when an Ethernet port Symbol Monitor Failure alarm condition is detected (Signal Failure Threshold exceeded).		
Raising condition: ('Symbol Alarm Reason' EQUAL 'SF Threshold Exceeded')		
Clearing condition: ('Symbol Alarm Reason' NOT EQUAL 'SF Threshold Exceeded')		
Remedial action: Symbol monitor signal failure alarm could be cleared by changing/disabling the associated threshold/multiplier values or by taking the port out of service (eg. shutdown, card/mda reset, physical link loss).		

Table 9-129 PowerSupplyFailure

Alarm	Attributes	Applicable major releases
Name: PowerSupplyFailure (633) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.PowerSupplyTray	Severity: critical Implicitly cleared: true Default probable cause: powerSupplyFailure (117)	<ul style="list-style-type: none"> • 4.0.0 • 5.0.0 • 6.0.0 • 7.0.0
Description: The alarm is raised when a power-supply tray reports a failure. When the alarm is raised during device discovery, a power-supply tray may be out of service. When the alarm is raised while the device is in the managed state, a power-supply tray may be out of service or the AC power shelf has a fault condition. The alarm clears when the status changes to OK.		
Raising condition: (('Power Supply 1 Status' EQUAL 'Not Equipped') OR ('Power Supply 1 Status' EQUAL 'Failed'))		

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Alarm	Attributes	Applicable major releases
Clearing condition: (('Power Supply 1 Status' EQUAL 'OK'))		
Remedial action: Ensure that the NE is properly connected to power. If the problem persists please contact Alcatel-Lucent support for assistance.		

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Table 9-130 PowerSupplyInputFeedDown

Alarm	Attributes	Applicable major releases
Name: PowerSupplyInputFeedDown (5422) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.PowerSupplyTray	Severity: minor Implicitly cleared: true Default probable cause: powerSupplyInputFeedDown (2073)	<ul style="list-style-type: none"> • 4.0.0 • 5.0.0 • 6.0.0 • 7.0.0
Description: This alarm is generated if any one of the input feeds for a given power supply is not supplying power.		
Raising condition: (('inputFeedStatus' EQUAL 'Input A Down') OR ('inputFeedStatus' EQUAL 'Input B Down') OR (('inputFeedStatus'allBits'Input A Down') AND ('inputFeedStatus'allBits'Input B Down'))		
Clearing condition: ('inputFeedStatus' EQUAL 'None')		
Remedial action: Restore all of the input feeds that are not supplying power.		

Table 9-131 PowerSupplyRemoved

Alarm	Attributes	Applicable major releases
Name: PowerSupplyRemoved (542) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.PowerSupplyTray	Severity: major Implicitly cleared: true Default probable cause: PowerSupplyRemoved (415)	<ul style="list-style-type: none"> • 4.0.0 • 5.0.0 • 6.0.0 • 7.0.0
Description: The alarm is raised when a chassis power supply is removed.		
Raising condition: ('Power Supply 1 Status' EQUAL 'Not Equipped')		
Clearing condition: ('Power Supply 1 Status' NOT EQUAL 'Not Equipped')		
Remedial action: To recover from this event, the customer is requested to add a new power supply to the system, or change a faulty power supply with a working one.		

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Table 9-132 PrimaryImageBootFailure

Alarm	Attributes	Applicable major releases
Name: PrimaryImageBootFailure (191) Type: configurationAlarm (11) Package: sw Raised on class: sw.CardSoftware	Severity: warning Implicitly cleared: true Default probable cause: bootOptionFileMisconfigured (150)	<ul style="list-style-type: none"> • 4.0.0 • 5.0.0 • 6.0.0 • 7.0.0
Description: The alarm is raised when the primary software image specified in an NE BOF is unusable.		
Raising condition: (('imageSource' NOT EQUAL 'Primary') AND ('imageSource' NOT EQUAL 'Unknown'))		
Clearing condition: (('imageSource' EQUAL 'Primary') OR ('imageSource' EQUAL 'Unknown'))		
Remedial action: The SW image on the NE may have been inadvertently corrupted. Download a new copy of the SW image to the NE. If the problem persists contact Alcatel-Lucent support for assistance.		

Table 9-133 PrimaryPathLimitReached

Alarm	Attributes	Applicable major releases
Name: PrimaryPathLimitReached (457) Type: resourceAlarm (28) Package: equipment Raised on class: equipment.DaughterCard	Severity: warning Implicitly cleared: true Default probable cause: resourceLimitReached (131)	<ul style="list-style-type: none"> • 4.0.0 • 5.0.0 • 6.0.0 • 7.0.0
Description: The alarm is raised when the Ingress Multicast Path Management primary path bandwidth limit is reached.		
Raising condition: (('Primary Path Limit Override' > '0') AND ('Primary Path In use' >= (1000 * 'Primary Path Limit Override'))"		
Clearing condition: (('Primary Path Limit Override' > '0') AND ('Primary Path In use' < (1000 * 'Primary Path Limit Override'))"		
Remedial action: Informational - The alarm is raised when the Ingress Multicast Path Management primary path bandwidth limit is reached. This can be remedied by modifying the primary path limit located at T1 Paths tab of the multicast bandwidth policy which assigned to the card, or increase the primary path limit override located at the Daughter Card tab under Daughter Card Slot form.		

Table 9-134 PTPNotQualified

Alarm	Attributes	Applicable major releases
Name: PTPNotQualified (3611) Type: communicationsAlarm (4) Package: sonet Raised on class: sonet.SiteSync	Severity: minor Implicitly cleared: true Default probable cause: PTPNotQualified (1400)	<ul style="list-style-type: none"> • 4.0.0 • 5.0.0 • 6.0.0 • 7.0.0
Description: The alarm is raised when PTP on an NE is not in the Qualified state.		
Raising condition: (('Qualified For Use' EQUAL 'Not Qualified'))		
Clearing condition: (('Qualified For Use' NOT EQUAL 'Not Qualified'))		
Remedial action: Check the communication path is up between the local PTP slave clock and its selected master		

Table 9-135 PTPPeerLossOfAnnounce

Alarm	Attributes	Applicable major releases
Name: PTPPeerLossOfAnnounce (3608) Type: communicationsAlarm (4) Package: ptp Raised on class: ptp.IEEEPTPPeer	Severity: minor Implicitly cleared: true Default probable cause: PTPPeerLossOfAnnounce (1397)	<ul style="list-style-type: none"> • 5.0.0 • 6.0.0 • 7.0.0
Description: The alarm is raised when the PTP peer is in the 'Packet Timing Signal Fail (Loss Announce)' state. This indicates that the PTP announce messages are not received from the remote master.		
Raising condition: (('Master GM Alarms'anyBit'Loss of Announce'))		
Clearing condition: NOT (('Master GM Alarms'anyBit'Loss of Announce'))		
Remedial action: Please check if Configured Peer IP address is reachable (ping <Peer Ip>) from the this SR node and PTP configuration is proper.		

Table 9-136 PTPPeerLossOfSync

Alarm	Attributes	Applicable major releases
Name: PTPPeerLossOfSync (3609) Type: communicationsAlarm (4) Package: ptp Raised on class: ptp.IEEEPTPPeer	Severity: minor Implicitly cleared: true Default probable cause: PTPPeerLossOfSync (1398)	<ul style="list-style-type: none"> • 5.0.0 • 6.0.0 • 7.0.0
Description: The alarm is raised when the PTP peer is in the 'Packet Timing Signal Fail (Loss Sync)' state. This indicates that the PTP timing messages are not received from the remote master.		
Raising condition: (('Master GM Alarms'anyBit'Loss of Sync'))		
Clearing condition: NOT (('Master GM Alarms'anyBit'Loss of Sync'))		
Remedial action: Please check if Configured Peer IP address is reachable (ping <Peer Ip>) from the this SR node and PTP configuration is proper.		

Table 9-137 PTPReferenceLossOfSignal

Alarm	Attributes	Applicable major releases
Name: PTPReferenceLossOfSignal (3613) Type: communicationsAlarm (4) Package: sonet Raised on class: sonet.SiteSync	Severity: minor Implicitly cleared: true Default probable cause: PTPReferenceLossOfSignal (1402)	<ul style="list-style-type: none"> • 4.0.0 • 5.0.0 • 6.0.0 • 7.0.0
Description: The alarm is raised when the PTP reference on an NE is not qualified due to Loss of Signal.		
Raising condition: (('Not Qualified Due To'anyBit'LOS'))		
Clearing condition: NOT (('Not Qualified Due To'anyBit'LOS'))		
Remedial action: Check the communication path is up between the local PTP slave clock and its selected master		

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Table 9-138 PTPReferenceOutOfFrequency

Alarm	Attributes	Applicable major releases
Name: PTPReferenceOutOfFrequency (3614) Type: communicationsAlarm (4) Package: sonet Raised on class: sonet.SiteSync	Severity: minor Implicitly cleared: true Default probable cause: PTPReferenceOutOfFrequency (1403)	<ul style="list-style-type: none"> • 4.0.0 • 5.0.0 • 6.0.0 • 7.0.0
Description: The alarm is raised when the PTP Reference on an NE is not qualified due to Out of frequency.		
Raising condition: (('Not Qualified Due To'anyBit'OOFF'))		
Clearing condition: NOT (('Not Qualified Due To'anyBit'OOFF'))		
Remedial action: Make sure that frequency configured for Reference One is correct.		

Table 9-139 PTPReferenceOutOfPollInRange

Alarm	Attributes	Applicable major releases
Name: PTPReferenceOutOfPollInRange (3615) Type: communicationsAlarm (4) Package: sonet Raised on class: sonet.SiteSync	Severity: minor Implicitly cleared: true Default probable cause: PTPReferenceOutOfPollInRange (1404)	<ul style="list-style-type: none"> • 4.0.0 • 5.0.0 • 6.0.0 • 7.0.0
Description: The alarm is raised when the PTP Reference on an NE is not qualified state due to Out of poll in range.		
Raising condition: (('Not Qualified Due To'anyBit'OOPIR'))		
Clearing condition: NOT (('Not Qualified Due To'anyBit'OOPIR'))		
Remedial action: If there is packet flow, the PTP slave clock is in it's initial acquiring states where the sync-if-timing reference does not qualify just wait.		

Table 9-140 RadiusOperStatusDown

Alarm	Attributes	Applicable major releases
Name: RadiusOperStatusDown (3692) Type: radiusOperStatusDownAlarm (105) Package: netw Raised on class: netw.NetworkElement	Severity: critical Implicitly cleared: true Default probable cause: radiusOperationStatusDown (1431)	<ul style="list-style-type: none"> • 4.0.0 • 5.0.0 • 6.0.0 • 7.0.0
Description: The alarm is raised when all RADIUS servers have gone down.		
Raising condition: ('Global RADIUS Operational State' EQUAL 'Down')		
Clearing condition: ('Global RADIUS Operational State' EQUAL 'Up')		
Remedial action: Verify the RADIUS server is properly configured and radius server state is up. Check the connectivity between SAM server and radius server configured on the Network element.		

Table 9-141 ReachabilityProblem

Alarm	Attributes	Applicable major releases
Name: ReachabilityProblem (243) Type: communicationsAlarm (4) Package: netw Raised on class: netw.NetworkElement	Severity: major Implicitly cleared: true Default probable cause: ReachabilityTestFailed (176)	<ul style="list-style-type: none"> • 4.0.0 • 5.0.0 • 6.0.0 • 7.0.0
Description: The alarm is raised when a mediation poll of the SysUpTimeAlarm object on an NE fails, for example, because of network congestion or because the NE is too busy to respond. The probable cause is an unreachable NE Mediation agent on the NE. The polling interval depends on the NE type and is configurable in nms-server.xml. By default, the 5620 SAM polls a managed NE every four minutes. If a poll fails, the alarm is raised. The alarm clears when the 5620 SAM receives a response from the NE, and the 5620 SAM GUI icon that represents the NE turns from red to green.		
Raising condition: ('SNMP Reachability' EQUAL 'Down')		
Remedial action: Informational - if the alarm persists or is occurring frequently then investigation is required to understand a) why the underlying transport network is unreliable or b) why the NE is too busy to respond to 5620 SAM or c) has SNMP been disabled on the NE. Once the issue has been resolved SAM will automatically re-attempt.		

Table 9-142 ReconfigFailure

Alarm	Attributes	Applicable major releases
Name: ReconfigFailure (1949) Type: communicationsAlarm (4) Package: netw Raised on class: netw.NetworkElement	Severity: critical Implicitly cleared: true Default probable cause: failedReconfig (937)	<ul style="list-style-type: none"> • 4.0.0 • 5.0.0 • 6.0.0 • 7.0.0
Description: This alarm is raised when the reconfig action failed.		
Raising condition: ('State' EQUAL 'Failed')		
Clearing condition: ('State' NOT EQUAL 'Failed')		
Remedial action: Verify that the object is configured as expected.		

Table 9-143 RedundantMepMisconfiguration

Alarm	Attributes	Applicable major releases
Name: RedundantMepMisconfiguration (3631) Type: oamAlarm (18) Package: ethernetOam Raised on class: ethernetOam.Mep	Severity: minor Implicitly cleared: true Default probable cause: misconfiguredRedundantMep (1416)	<ul style="list-style-type: none"> • 4.0.0 • 5.0.0 • 6.0.0 • 7.0.0
Description: The alarm is raised when an Active and Redundant MEP do not have the same ID, Operational MAC Address or Sub Group configured.		
Raising condition: ('validRedundantMepConfig' EQUAL 'false')		
Clearing condition: ('validRedundantMepConfig' EQUAL 'true')		

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Alarm	Attributes	Applicable major releases
Remedial action: MC-LAG redundant MEP configuration (MEP ID or Mac Address) for Active & Standby Interfaces do not match, this could cause issues with CFM or CCM tests if Active interface changes. Delete and Re-create Standby MEP to match Active.		

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Table 9-144 RedundantMepMissing

Alarm	Attributes	Applicable major releases
Name: RedundantMepMissing (3632) Type: oamAlarm (18) Package: ethernetToam Raised on class: ethernetToam.Mep	Severity: minor Implicitly cleared: true Default probable cause: missingRedundantMep (1417)	<ul style="list-style-type: none"> • 4.0.0 • 5.0.0 • 6.0.0 • 7.0.0
Description: The alarm is raised when a MEP misses a redundant counterpart on LAG or SAP.		
Raising condition: (('MC-LAG Inactive' NOT EQUAL 'Not Applicable') AND ('Redundant MEP' EQUAL '\\""))		
Clearing condition: (('MC-LAG Inactive' EQUAL 'Not Applicable') OR (('MC-LAG Inactive' NOT EQUAL 'Not Applicable') AND ('Redundant MEP' NOT EQUAL '\\""))		
Remedial action: MC-LAG redundant MEP is missing Active & Standby Interfaces, this will cause issues with CFM or CCM tests if Active interface changes. Create missing Active/Standby MEP to match existing.		

Table 9-145 RemoteMepCCMAAlarm

Alarm	Attributes	Applicable major releases
Name: RemoteMepCCMAAlarm (502) Type: oamAlarm (18) Package: ethernetToam Raised on class: ethernetToam.Mep	Severity: major Implicitly cleared: true Default probable cause: missingRemoteMep (388)	<ul style="list-style-type: none"> • 4.0.0 • 5.0.0 • 6.0.0 • 7.0.0
Description: The alarm is raised when a MEP loses connectivity with one or more remote MEPs. The Remote MEP DB State tab on a MEP lists the missing remote MEPs.		
Raising condition: ('High-Priority Defect' NOT EQUAL '0')		
Clearing condition: ('High-Priority Defect' EQUAL '0')		
Remedial action: MEP has lost communication with Remote MEP defined in Maintenance Association (MEG) Remote MEP list, Either Remote MEP list is incorrect or diagnose connection fault and resolve.		

Table 9-146 RouteDistinguisherNotConfigured

Alarm	Attributes	Applicable major releases
Name: RouteDistinguisherNotConfigured (142) Type: configurationAlarm (11) Package: I3fwd Raised on class: I3fwd.ServiceSite	Severity: major Implicitly cleared: true Default probable cause: routeDistinguisherNotConfigured (113)	<ul style="list-style-type: none"> • 4.0.0 • 5.0.0 • 6.0.0 • 7.0.0
Description: The alarm is raised when no RD is configured for an L3 service site.		
Raising condition: ('routeDistinguisher' EQUAL '\00 00 00 00 00 00 00')		
Clearing condition: ('routeDistinguisher' NOT EQUAL '\00 00 00 00 00 00 00')		
Remedial action: A configuration error has occurred which must be corrected. The RD must be configured on the L3 Service Site in question.		

Table 9-147 RsvpDown

Alarm	Attributes	Applicable major releases
Name: RsvpDown (74) Type: ProtocolAlarm (1) Package: rsvp Raised on class: rsvp.Site	Severity: critical Implicitly cleared: true Default probable cause: protocolDown (1)	<ul style="list-style-type: none"> • 4.0.0 • 5.0.0 • 6.0.0 • 7.0.0
Description: The alarm is raised when an RSVP site has an Operational State other than Up, and the Administrative State is Up.		
Raising condition: (('Administrative State' EQUAL 'Up') AND ('Operational State' NOT EQUAL 'Up'))		
Clearing condition: (('Operational State' EQUAL 'Up') OR ('Administrative State' NOT EQUAL 'Up'))		
Remedial action: The RSVP Site is down while it is administratively up. Please check MPLS is enabled and administratively up.		

Table 9-148 SaveConfigFailed

Alarm	Attributes	Applicable major releases
Name: SaveConfigFailed (105) Type: configurationAlarm (11) Package: sw Raised on class: sw.BackupRestoreManager	Severity: major Implicitly cleared: true Default probable cause: fileAccessError (90)	<ul style="list-style-type: none"> • 4.0.0 • 5.0.0 • 6.0.0 • 7.0.0
Description: The alarm is raised when the admin save command on an NE fails.		
Raising condition: ('Config Save State' EQUAL 'Failure')		
Clearing condition: ('Config Save State' EQUAL 'Success')		
Remedial action: Attempt the admin save command a second time. If the problem persists please contact Alcatel-Lucent support for assistance.		

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Table 9-149 ScheduledPollerProblem

Alarm	Attributes	Applicable major releases
Name: ScheduledPollerProblem (4386) Type: communicationsAlarm (4) Package: netw Raised on class: netw.NetworkElement	Severity: warning Implicitly cleared: true Default probable cause: scheduledResyncFailed (1569)	<ul style="list-style-type: none"> • 4.0.0 • 5.0.0 • 6.0.0 • 7.0.0
Description: The alarm is raised when the 5620 SAM is unable to poll a network object, for example, because of intermittent or no IP connectivity to an NE, incorrect SNMP security parameters, or disabled SNMP on the NE.		
Raising condition: ('Scheduled Resync Status' EQUAL 'Scheduled Resync Failed')		
Clearing condition: ('Scheduled Resync Status' EQUAL 'Scheduled Resync Done')		
Remedial action: Informational - if the alarm persists or is occurring frequently then investigation is required to understand a) why the underlying transport network is unreliable or b) why the NE is too busy to respond to 5620 SAM or c) has SNMP been disabled on the NE. Once the issue has been resolved SAM will automatically re-attempt.		

Table 9-150 SdpBindingDown

Alarm	Attributes	Applicable major releases
Name: SdpBindingDown (221) Type: SdpBindingAlarm (30) Package: svt Raised on class: svt.SdpBinding	Severity: critical Implicitly cleared: true Default probable cause: SdpBindingNotReady (166)	<ul style="list-style-type: none"> • 4.0.0 • 5.0.0 • 6.0.0 • 7.0.0
Description: The alarm is raised when an SDP binding has an Operational State other than Up.		
Raising condition: (('Operational State' NOT EQUAL 'Up') AND ('State Cause' NOT EQUAL 'Standby For BGP Multi-Homing'))		
Clearing condition: (('Operational State' EQUAL 'Up') OR ('State Cause' EQUAL 'Standby For BGP Multi-Homing'))		
Remedial action: To resolve this alarm check the SDP binding to determine if a configuration mismatch exists. If configuration is determined to be correct then the associated network interface may be down. Further investigation is required to determine why the underlying network interface is down.		

Table 9-151 SdpBindingTunnelDown

Alarm	Attributes	Applicable major releases
Name: SdpBindingTunnelDown (222) Type: CircuitAlarm (17) Package: svt Raised on class: svt.SdpBinding	Severity: critical Implicitly cleared: true Default probable cause: SdpTunnelNotReady (167)	<ul style="list-style-type: none"> • 4.0.0 • 5.0.0 • 6.0.0 • 7.0.0
Description: The alarm is raised when an SDP binding tunnel has an Operational State other than Up.		
Raising condition: (('Operational State' EQUAL 'Tunnel Not Ready') OR ('Operational State' EQUAL 'Tunnel Down'))		
Clearing condition: (('Operational State' NOT EQUAL 'Tunnel Not Ready') AND ('Operational State' NOT EQUAL 'Tunnel Down'))		

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Alarm	Attributes	Applicable major releases
Remedial action: To resolve this alarm check the endpoints of the SDP binding to determine if a configuration mismatch exists. If configuration matches then the underlying network resource between the endpoints of the SDP may be down. Further investigation is required to determine why the underlying transport network is down.		

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Table 9-152 SdpEgressIfsNetDomainInConsistent

Alarm	Attributes	Applicable major releases
Name: SdpEgressIfsNetDomainInConsistent (3616) Type: resourceAlarm (28) Package: svt Raised on class: svt.Tunnel	Severity: warning Implicitly cleared: true Default probable cause: sdpEgressIfsNetDomainInConsistent (1405)	<ul style="list-style-type: none"> • 4.0.0 • 5.0.0 • 6.0.0 • 7.0.0
Description: The alarm is raised when the SDP egress interface's consistency state changes to inconsistent.		
Raising condition: ('Egress Interfaces Consistency State' EQUAL '3')		
Clearing condition: ('Egress Interfaces Consistency State' EQUAL '2')		
Remedial action: To resolve this alarm check egress interfaces of the SDP configuration. If configuration is determined to be correct check underlying physical transport. Further investigation is required.		

Table 9-153 SecondaryPathLimitReached

Alarm	Attributes	Applicable major releases
Name: SecondaryPathLimitReached (458) Type: resourceAlarm (28) Package: equipment Raised on class: equipment.DaughterCard	Severity: warning Implicitly cleared: true Default probable cause: resourceLimitReached (131)	<ul style="list-style-type: none"> • 4.0.0 • 5.0.0 • 6.0.0 • 7.0.0
Description: The alarm is raised when the Ingress Multicast Path Management secondary path bandwidth limit is reached.		
Raising condition: (('Secondary Path Limit Override' > '0') AND ('Secondary Path In use' >= (1000 * 'Secondary Path Limit Override'))"		
Clearing condition: (('Secondary Path Limit Override' > '0') AND ('Secondary Path In use' < (1000 * 'Secondary Path Limit Override'))"		
Remedial action: Informational - The alarm is raised when the Ingress Multicast Path Management secondary path bandwidth limit is reached. This can be remedied by modifying the secondary path limit located at T1 Paths tab of the multicast bandwidth policy which assigned to the card, or increase the secondary path limit override located at the Daughter Card tab under Daughter Card Slot form.		

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Table 9-154 ServiceSiteDown

Alarm	Attributes	Applicable major releases
Name: ServiceSiteDown (97) Type: serviceAlarm (16) Package: service Raised on class: service.Site	Severity: critical Implicitly cleared: true Default probable cause: siteDown (83)	<ul style="list-style-type: none"> • 4.0.0 • 5.0.0 • 6.0.0 • 7.0.0
Description: The alarm is raised when all SAPs on a site are operationally down, or when the service tunnels for the site are operationally down.		
Raising condition: (('Operational State' NOT EQUAL 'Up') AND ('State Cause' NOT EQUAL 'All Spoke SDP Bindings are Standby'))		
Clearing condition: (('Operational State' EQUAL 'Up') OR ('State Cause' EQUAL 'All Spoke SDP Bindings are Standby'))		
Remedial action: The network resources (i.e. physical ports for SAPs, or physical ports/LSP) associated with the service site should be examined to determine if/why they are operationally down. The underlying transport network supporting the site may also be unreliable.		

Table 9-155 SessionDown

Alarm	Attributes	Applicable major releases
Name: SessionDown (73) Type: ProtocolAlarm (1) Package: rsvp Raised on class: rsvp.Session	Severity: critical Implicitly cleared: true Default probable cause: interfaceDown (32)	<ul style="list-style-type: none"> • 4.0.0 • 5.0.0 • 6.0.0 • 7.0.0
Description: The alarm is raised when an RSVP session is operationally down.		
Raising condition: ('Operational State' EQUAL 'Down')		
Clearing condition: ('Operational State' EQUAL 'Up')		
Remedial action: Please check the RSVP session path to make sure all associated protocols/interfaces/connections are OK.		

Table 9-156 SingleSFMOverloadDetected

Alarm	Attributes	Applicable major releases
Name: SingleSFMOverloadDetected (843) Type: ProtocolAlarm (1) Package: I3fwd Raised on class: I3fwd.Site	Severity: major Implicitly cleared: true Default probable cause: signleSfmOverloadDetected (601)	<ul style="list-style-type: none"> • 4.0.0 • 5.0.0 • 6.0.0 • 7.0.0
Description: The alarm is raised when a device reports a single-SFM overload. The alarm clears when the VR exits the Overload state.		
Raising condition: ('Overload State' EQUAL 'Overload')		
Clearing condition: ('Overload State' EQUAL 'Normal')		
Remedial action: Information - if the the problem persists please contact Alcatel-Lucent support for assistance.		

Table 9-157 StatsRetrieveFailed

Alarm	Attributes	Applicable major releases
Name: StatsRetrieveFailed (244) Type: configurationAlarm (11) Package: sw Raised on class: sw.AccountingStatsRetrievalManager	Severity: major Implicitly cleared: false Default probable cause: fileTransferFailure (89)	<ul style="list-style-type: none"> • 4.0.0 • 5.0.0 • 6.0.0 • 7.0.0
Description: The alarm is raised when the 5620 SAM main or auxiliary server cannot transfer an accounting file from an NE.		
Raising condition: (('Stats Retrieval State' NOT EQUAL 'Success') AND ('Stats Retrieval State' NOT EQUAL 'Not Attempted'))		
Remedial action: Informational - if the alarm persists or is occurring frequently then investigation is required to understand a) why the underlying transport network is unreliable or b) why the NE is too busy or otherwise cannot respond to the 5620 SAM main or auxiliary server.		

Table 9-158 StpExceptionCondition

Alarm	Attributes	Applicable major releases
Name: StpExceptionCondition (297) Type: AccessInterfaceAlarm (32) Package: I2fwd Raised on class: I2fwd.AccessInterfaceStp	Severity: major Implicitly cleared: true Default probable cause: StpException (228)	<ul style="list-style-type: none"> • 4.0.0 • 5.0.0 • 6.0.0 • 7.0.0
Description: The alarm is raised when a SAP detects an STP exception condition, for example, one-way communication or a downstream loop. The alarm clears when the STP condition changes.		
Raising condition: (('STP Exception Condition' NOT EQUAL 'None') AND ('Administrative State' EQUAL 'Up'))		
Clearing condition: (('STP Exception Condition' EQUAL 'None') OR ('Administrative State' EQUAL 'Down'))		
Remedial action: Check 'STP Exception Condition' field for more details and fix the STP exception.		

Table 9-159 StpRootGuardViolation

Alarm	Attributes	Applicable major releases
Name: StpRootGuardViolation (503) Type: AccessInterfaceAlarm (32) Package: I2fwd Raised on class: I2fwd.AccessInterfaceStp	Severity: warning Implicitly cleared: true Default probable cause: spanningTreeTopologyChanged (331)	<ul style="list-style-type: none"> • 4.0.0 • 5.0.0 • 6.0.0 • 7.0.0
Description: The alarm is raised when a SAP detects an STP root guard violation.		
Raising condition: ('Root Guard Violation' EQUAL 'true')		
Clearing condition: ('Root Guard Violation' NOT EQUAL 'true')		
Remedial action: Set 'Root Guard' to false if not necessary.		

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Table 9-160 SubscriberSystemNextHopUsageHigh

Alarm	Attributes	Applicable major releases
Name: SubscriberSystemNextHopUsageHigh (5157) Type: thresholdCrossed (6) Package: netw Raised on class: netw.NetworkElement	Severity: minor Implicitly cleared: true Default probable cause: resourceFull (53)	<ul style="list-style-type: none"> • 4.0.0 • 5.0.0 • 6.0.0 • 7.0.0
Description: The alarm is raised when the IP next-hop usage by subscriber managed routes reaches its high watermark, cleared when it reaches its low watermark again; the watermarks are derived from the limit specified with the property subSysNextHopLimit.		
Raising condition: ('IP Next Hop Usage High' EQUAL 'true')		
Clearing condition: ('IP Next Hop Usage High' EQUAL 'false')		
Remedial action: The alarm is raised when the IP next-hop usage by subscriber managed routes reaches its high watermark, cleared when it reaches its low watermark again; the watermarks are derived from the limit specified with the property subSysNextHopLimit. There is no immediate effect, but when the usage actually hits the limit, new hosts will not get their managed routes.		

Table 9-161 SubSysChassMemoryUsageHi

Alarm	Attributes	Applicable major releases
Name: SubSysChassMemoryUsageHi (5656) Type: thresholdCrossed (6) Package: equipment Raised on class: equipment.Shelf	Severity: minor Implicitly cleared: true Default probable cause: resourceFull (53)	<ul style="list-style-type: none"> • 4.0.0 • 5.0.0 • 6.0.0 • 7.0.0
Description: This alarm is raised when the memory usage by subscriber management on this system or chassis reaches its high watermark ('true').		
Raising condition: ('Memory Usage High' EQUAL 'True')		
Clearing condition: (('Memory Usage High' EQUAL 'False') OR ('Memory Usage High' EQUAL 'unspecified'))		
Remedial action: The memory usage by subscriber management on this system has reached its high watermark. Please check your memory usage.		

Table 9-162 TemperatureThresholdCrossed

Alarm	Attributes	Applicable major releases
Name: TemperatureThresholdCrossed (7) Type: environmentalAlarm (2) Package: equipment Raised on class: equipment.Environment	Severity: major Implicitly cleared: true Default probable cause: equipmentOverheated (5)	<ul style="list-style-type: none"> • 4.0.0 • 5.0.0 • 6.0.0 • 7.0.0
Description: The alarm is raised when a temperature crosses a threshold.		
Raising condition: ('temperatureThresholdCrossed' EQUAL 'true')		

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Alarm	Attributes	Applicable major releases
Clearing condition: ('temperatureThresholdCrossed' EQUAL 'false')		
Remedial action: The NE has detected internal temperatures which are abnormally high. This could be caused by a failed fan unit or one or more dirty fan filters. Replacing the failed unit or filters should resolve the problem. Alternately the environment that the NE is operating in may not be within specifications found in the NE user guides.		

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Table 9-163 TmxEqPortEtherLoopDetected

Alarm	Attributes	Applicable major releases
Name: TmxEqPortEtherLoopDetected (461) Type: portEtherLoopDetected (48) Package: ethernetequipment Raised on class: ethernetequipment.EthernetPortSpecifics	Severity: major Implicitly cleared: true Default probable cause: HighBer (238)	<ul style="list-style-type: none"> • 4.0.0 • 5.0.0 • 6.0.0 • 7.0.0
Description: The alarm is raised when a device detects a physical loop on an Ethernet port.		
Raising condition: (('Down When Looped Status' EQUAL 'Loop Detected'))		
Clearing condition: (('Down When Looped Status' EQUAL 'No Loop Detected'))		
Remedial action: An Ethernet port has been mis-cabled - please remove the loopback cable on the port.		

Table 9-164 TrapDestinationMisconfigured

Alarm	Attributes	Applicable major releases
Name: TrapDestinationMisconfigured (33) Type: configurationAlarm (11) Package: netw Raised on class: netw.NetworkElement	Severity: major Implicitly cleared: true Default probable cause: trapDestinationMisconfigured (26) Applicable probable causes: <ul style="list-style-type: none"> • trapDestinationMisconfigured • duplicateTrapLogId 	<ul style="list-style-type: none"> • 4.0.0 • 5.0.0 • 6.0.0 • 7.0.0
Description: The alarm is raised when the 5620 SAM cannot be added to the NE's SNMP trap destinations.		
Raising condition: ('isTrapDestinationMisconfigured' EQUAL 'true')		
Clearing condition: ('isTrapDestinationMisconfigured' EQUAL 'false')		
Remedial action: A configuration error has been made which must be corrected. The SNMP trap destination on the NE must be configured to the IP address of the SAM server.		

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Table 9-165 TrapReceivingFailure

Alarm	Attributes	Applicable major releases
Name: TrapReceivingFailure (1083) Type: communications (87) Package: netw Raised on class: netw.NetworkElement	Severity: major Implicitly cleared: false Default probable cause: trapsWillNotBeSent (822)	<ul style="list-style-type: none"> • 4.0.0 • 5.0.0 • 6.0.0 • 7.0.0
Description: This user-defined alarm is raised when the NE is unable to send traps because the NE configuration is one of the following: - The Management IP Selection is set to Out Of Band Only, the Primary Route Preference is set to In Band, and the Secondary Route Preference is set to None. - The Management IP Selection is set to In Band Only, the Primary Route Preference is set to Out Of Band, and the Secondary Route Preference is set to None.		
Raising condition: (((('Active Management IP' EQUAL 'In Band') AND ('Management IP Selection' EQUAL 'In Band Only') AND ('Primary Route Preference' EQUAL 'Out Of Band') AND ('Secondary Route Preference' EQUAL 'None')) OR (('Active Management IP' EQUAL 'Out Of Band') AND ('Management IP Selection' EQUAL 'Out Of Band Only') AND ('Primary Route Preference' EQUAL 'In Band') AND ('Secondary Route Preference' EQUAL 'None')) OR (('Active Management IP' EQUAL 'Out Of Band') AND ('Management IP Selection' EQUAL 'In Band Preferred') AND ('Primary Route Preference' EQUAL 'In Band') AND ('Secondary Route Preference' EQUAL 'None')) OR (('Active Management IP' EQUAL 'In Band') AND ('Management IP Selection' EQUAL 'Out Of Band Preferred') AND ('Primary Route Preference' EQUAL 'Out Of Band') AND ('Secondary Route Preference' EQUAL 'None'))))		
Clearing condition: (((('Active Management IP' EQUAL 'In Band') AND ('Management IP Selection' EQUAL 'In Band Only') AND (('Primary Route Preference' EQUAL 'In Band') OR ('Secondary Route Preference' EQUAL 'In Band')) OR (('Active Management IP' EQUAL 'Out Of Band') AND ('Management IP Selection' EQUAL 'Out Of Band Only') AND (('Primary Route Preference' EQUAL 'Out Of Band') OR ('Secondary Route Preference' EQUAL 'Out Of Band')) OR (('Active Management IP' EQUAL 'Out Of Band') AND ('Management IP Selection' EQUAL 'In Band Preferred') AND (('Primary Route Preference' EQUAL 'Out Of Band') OR ('Secondary Route Preference' EQUAL 'Out Of Band')) OR (('Active Management IP' EQUAL 'In Band') AND ('Management IP Selection' EQUAL 'In Band Preferred') AND (('Primary Route Preference' EQUAL 'In Band') OR ('Secondary Route Preference' EQUAL 'In Band')) OR (('Active Management IP' EQUAL 'In Band') AND ('Management IP Selection' EQUAL 'Out Of Band Preferred') AND (('Primary Route Preference' EQUAL 'In Band') OR ('Secondary Route Preference' EQUAL 'In Band')) OR (('Active Management IP' EQUAL 'Out Of Band') AND ('Management IP Selection' EQUAL 'Out Of Band Preferred') AND (('Primary Route Preference' EQUAL 'Out Of Band') OR ('Secondary Route Preference' EQUAL 'Out Of Band'))))		
Remedial action: A configuration error has been made which must be corrected. The configuration error must be corrected per the discussion in the description for this alarm.		

Table 9-166 TrapRoutePreferenceRedundancyMissing

Alarm	Attributes	Applicable major releases
Name: TrapRoutePreferenceRedundancyMissing (1084) Type: communications (87) Package: netw Raised on class: netw.NetworkElement	Severity: warning Implicitly cleared: true Default probable cause: trapsRedundancyMissing (823)	<ul style="list-style-type: none"> • 4.0.0 • 5.0.0 • 6.0.0 • 7.0.0
Description: The user-defined alarm is raised when NE management redundancy is configured without trap route preference redundancy.		
Raising condition: (((('Management IP Selection' EQUAL 'In Band Preferred') AND ('Active Management IP' EQUAL 'In Band') AND ('Primary Route Preference' EQUAL 'In Band') AND ('Secondary Route Preference' EQUAL 'None')) OR (('Management IP Selection' EQUAL 'Out Of Band Preferred') AND ('Active Management IP' EQUAL 'Out Of Band') AND ('Primary Route Preference' EQUAL 'Out Of Band') AND ('Secondary Route Preference' EQUAL 'None'))))		
Clearing condition: (((('Management IP Selection' EQUAL 'In Band Preferred') AND ('Active Management IP' EQUAL 'In Band') AND ('Secondary Route Preference' NOT EQUAL 'None')) OR (('Management IP Selection' EQUAL 'Out Of Band Preferred') AND ('Active Management IP' EQUAL 'Out Of Band') AND ('Secondary Route Preference' NOT EQUAL 'None'))))		

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Alarm	Attributes	Applicable major releases
Remedial action: A configuration error has been made which must be corrected. The IP address of the standby SAM server must be configured on the NE in question.		

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Table 9-167 TunnelAdministrativelyDown (mpls)

Alarm	Attributes	Applicable major releases
Name: TunnelAdministrativelyDown (523) Type: pathAlarm (12) Package: mpls Raised on class: mpls.Tunnel	Severity: minor Implicitly cleared: true Default probable cause: tunnelAdministrativelyDown (333)	<ul style="list-style-type: none"> • 4.0.0 • 5.0.0 • 6.0.0 • 7.0.0
Description: The alarm is raised when the 5620 SAM detects that an MPLS path is administratively down.		
Raising condition: ('Administrative' NOT EQUAL 'Up')		
Clearing condition: ('Administrative' EQUAL 'Up')		
Remedial action: Turn up the corresponding MPLS path.		

Table 9-168 TunnelAdministrativelyDown (svt)

Alarm	Attributes	Applicable major releases
Name: TunnelAdministrativelyDown (523) Type: pathAlarm (12) Package: svt Raised on class: svt.Tunnel	Severity: minor Implicitly cleared: true Default probable cause: tunnelAdministrativelyDown (333)	<ul style="list-style-type: none"> • 4.0.0 • 5.0.0 • 6.0.0 • 7.0.0
Description: The alarm is raised when the 5620 SAM detects that a service tunnel is administratively down.		
Raising condition: ('administrativeState' NOT EQUAL 'Up')		
Clearing condition: ('administrativeState' EQUAL 'Up')		
Remedial action: Informational - an operator has manually turned down a service tunnel.		

Table 9-169 TunnelDown (mpls)

Alarm	Attributes	Applicable major releases
Name: TunnelDown (30) Type: pathAlarm (12) Package: mpls Raised on class: mpls.Tunnel	Severity: warning Implicitly cleared: true Default probable cause: tunnelDown (23)	<ul style="list-style-type: none"> • 4.0.0 • 5.0.0 • 6.0.0 • 7.0.0
Description: The alarm is raised when an MPLS path has an Operational State other than Up, and the Administrative State is Up.		

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Alarm	Attributes	Applicable major releases
Raising condition: (('Administrative' EQUAL 'Up') AND ('Operational' NOT EQUAL 'Up'))		
Clearing condition: (('Operational' EQUAL 'Up') OR ('Administrative' NOT EQUAL 'Up'))		
Remedial action: Check the network resources along the path.		

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Table 9-170 TunnelDown (svt)

Alarm	Attributes	Applicable major releases
Name: TunnelDown (30) Type: pathAlarm (12) Package: svt Raised on class: svt.AbstractTunnel	Severity: critical Implicitly cleared: true Default probable cause: tunnelDown (23)	<ul style="list-style-type: none"> • 4.0.0 • 5.0.0 • 6.0.0 • 7.0.0
Description: The alarm is raised when the 5620 SAM detects that a service tunnel is operationally down.		
Raising condition: (('Administrative' EQUAL 'Up') AND ('Operational' NOT EQUAL 'Up'))		
Clearing condition: (('Operational' EQUAL 'Up') OR ('Administrative' NOT EQUAL 'Up'))		
Remedial action: This alarm indicates that a problem has been made in the underlying transport network. If the alarm persists or re-occurs frequently then investigation of the underlying transport issues is warranted.		

Table 9-171 UnidentifiedNode

Alarm	Attributes	Applicable major releases
Name: UnidentifiedNode (1922) Type: communicationsAlarm (4) Package: netw Raised on class: netw.DiscoveredNode	Severity: major Implicitly cleared: true Default probable cause: unidentifiedNode (922)	<ul style="list-style-type: none"> • 4.0.0 • 5.0.0 • 6.0.0 • 7.0.0
Description: The alarm is raised when the node being discovered can not be properly identified.		
Raising condition: ('State' EQUAL 'Pending Identification')		
Clearing condition: ('State' NOT EQUAL 'Pending Identification')		
Remedial action: A configuration error has occurred that must be corrected. The eNodeB does not have a system name. The name can be configured by selecting the alarm, opening the associated properties form for the alarmed object and configuring the system name.		

Table 9-172 UnmanageFailed

Alarm	Attributes	Applicable major releases
Name: UnmanageFailed (300) Type: discoveryControlAlarm (33) Package: netw Raised on class: netw.NodeDiscoveryControl	Severity: warning Implicitly cleared: true Default probable cause: unableToDeleteNode (231)	<ul style="list-style-type: none"> • 4.0.0 • 5.0.0 • 6.0.0 • 7.0.0
Description: The alarm is raised when an attempt to unmanage an NE fails.		
Raising condition: ('Site State' EQUAL 'Unmanage Failed')		
Clearing condition: ('Site State' NOT EQUAL 'Unmanage Failed')		
Remedial action: Informational - if the alarm persists please contact Alcatel-Lucent support for assistance		

Table 9-173 UpgradedBuildVersionMismatch

Alarm	Attributes	Applicable major releases
Name: UpgradedBuildVersionMismatch (174) Type: configurationAlarm (11) Package: netw Raised on class: netw.NetworkElement	Severity: warning Implicitly cleared: true Default probable cause: upgradedImageNotBooted (137)	<ul style="list-style-type: none"> • 4.0.0 • 5.0.0 • 6.0.0 • 7.0.0
Description: The alarm is raised when the software version that an NE reports after a software upgrade does not match the version of the software used for the upgrade.		
Raising condition: ('upgradedBuildVersionMismatch' EQUAL 'true')		
Clearing condition: ('upgradedBuildVersionMismatch' EQUAL 'false')		
Remedial action: Informational - if the alarm persists please contact Alcatel-Lucent support for assistance		

Table 9-174 upgradedCardAlarm

Alarm	Attributes	Applicable major releases
Name: upgradedCardAlarm (255) Type: softwareAlarm (19) Package: equipment Raised on class: equipment.Card	Severity: warning Implicitly cleared: true Default probable cause: upgradedCard (194)	<ul style="list-style-type: none"> • 4.0.0 • 5.0.0 • 6.0.0 • 7.0.0
Description: The alarm is raised when the standby CPM is rebooted and operational after a software upgrade. A device resets an IOM automatically after 120 minutes if the IOM is not manually reset after a CPM upgrade.		
Raising condition: ('operationalState' EQUAL 'Upgrade')		
Clearing condition: ('operationalState' EQUAL 'Up')		
Remedial action: Informational - no corrective action required.		

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Table 9-175 VersionConfigRestoreFailed

Alarm	Attributes	Applicable major releases
Name: VersionConfigRestoreFailed (536) Type: configurationAlarm (11) Package: sw Raised on class: sw.BackupRestoreManager	Severity: major Implicitly cleared: true Default probable cause: versionMismatch (405)	<ul style="list-style-type: none"> • 4.0.0 • 5.0.0 • 6.0.0 • 7.0.0
Description: The alarm is raised when the restore procedure on an NE fails because of a mismatch between the backup file set version and the NE software version.		
Raising condition: ('lastNmsVersionRestoreState' EQUAL 'Failure')		
Clearing condition: ('lastNmsVersionRestoreState' EQUAL 'Success')		
Remedial action: The backup files being restored do not match with the version of node software release. Download a new copy of the SW image to the NE. If the problem persists contact Alcatel-Lucent support for assistance.		

Table 9-176 VirtualLinkDown

Alarm	Attributes	Applicable major releases
Name: VirtualLinkDown (122) Type: VirtualLinkAlarm (21) Package: ospf Raised on class: ospf.VirtualLink	Severity: warning Implicitly cleared: true Default probable cause: VirtualLinkDown (104)	<ul style="list-style-type: none"> • 4.0.0 • 5.0.0 • 6.0.0 • 7.0.0
Description: The alarm is raised when a virtual link is Down.		
Raising condition: ('Operational State' EQUAL 'Down')		
Clearing condition: ('Operational State' NOT EQUAL 'Down')		
Remedial action: This alarm is raised when the OSPF virtual link is operationally down. The situation may occur if the underlying physical interface is down either because of administrative disabling or a fault on the far end port or due to a cable connection or cable failure. This alarm will also be raised if the underlying transport network fails or is unreliable. Resolving the underlying instability in the transport network will correct this problem.		

Table 9-177 VirtualNeighborDown

Alarm	Attributes	Applicable major releases
Name: VirtualNeighborDown (123) Type: VirtualNeighborDown (22) Package: ospf Raised on classes: <ul style="list-style-type: none"> • ospf.ShamLink • ospf.VirtualLink 	Severity: warning Implicitly cleared: true Default probable cause: VirtualNeighborDown (105)	<ul style="list-style-type: none"> • 4.0.0 • 5.0.0 • 6.0.0 • 7.0.0
Description: The alarm is raised when a neighbor virtual link is operationally down.		
Raising condition: ('neighborCount' EQUAL '0L')		

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Alarm	Attributes	Applicable major releases
Clearing condition: ('neighborCount' NOT EQUAL '0L')		
Remedial action: This alarm is raised when the OSPF neighbor virtual link is operationally down. The situation may occur if the underlying physical interface is down either because of administrative disabling or a fault on the far end port or due to a cable connection or cable failure. This alarm will also be raised if the underlying transport network fails or is unreliable. Resolving the underlying instability in the transport network will correct this problem.		

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Table 9-178 VwmShelfCardIdMismatch

Alarm	Attributes	Applicable major releases
Name: VwmShelfCardIdMismatch (5660) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.VWMCARDSlot	Severity: major Implicitly cleared: true Default probable cause: VwmShelfCardIdMismatch (2437)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0
Description: The alarm is raised when the configured vwm card id is different than the equipped vwm card.		
Raising condition: ('administrativeState' EQUAL 'Up')		
Clearing condition: (('Assigned VWM Card Type' EQUAL 'Not Provisioned') OR ('Assigned VWM Card Type' EQUAL 'Not Equipped') OR ('administrativeState' EQUAL 'Down'))		
Remedial action: This alarm is raised when the detected VWM shelf card id does not match the provisioned id. Please follow the below steps to clear this alarm: a. Check the id on the rotary dial on the VWM Shelf. b. Use any of the following commands to clear the alarm. c. To change the VWM shelf id("config system vwm-shelf <shelf-id> . d. To delete an existing shelf("config system no vwm-shelf <shelf-id>").		

Table 9-179 WrongCpaaSoftwareVersion

Alarm	Attributes	Applicable major releases
Name: WrongCpaaSoftwareVersion (791) Type: equipmentAlarm (3) Package: netw Raised on class: netw.NetworkElement	Severity: critical Implicitly cleared: true Default probable cause: wrongCpaaSoftwareVersion (559)	<ul style="list-style-type: none"> • 4.0.0 • 5.0.0 • 6.0.0 • 7.0.0
Description: The alarm is raised when the 7701 CPAA software is the wrong version and requires an upgrade.		
Raising condition: (('Software Version' EQUAL "\"TIMOS-B-3.0.Generic \") AND ('Chassis Type' EQUAL '7701 CPAA'))		
Clearing condition: (('Software Version' NOT EQUAL "\"TIMOS-B-3.0.Generic \") AND ('Chassis Type' EQUAL '7701 CPAA'))		
Remedial action: The SW version of the CPAA must be upgraded to the version compatible with CPAM version.		

Table 9-180 XplError

Alarm	Attributes	Applicable major releases
Name: XplError (573) Type: hardwareAnomaly (55) Package: equipment Raised on class: equipment.DaughterCard	Severity: minor Implicitly cleared: true Default probable cause: xplError (443)	<ul style="list-style-type: none"> • 4.0.0 • 5.0.0 • 6.0.0 • 7.0.0
Description: The alarm is raised when an MDA reports persistent XPL Errors.		
Raising condition: ('Number Of Notifications' NOT EQUAL '0')		
Clearing condition: ('Number Of Notifications' EQUAL '0')		
Remedial action: Informational - if the condition persists then the MDA indicated in the alarm should be replaced.		

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Note – Some alarms that the 5620 SAM can raise against this device may not be listed in this chapter. Associating alarms with specific NE types is an ongoing Alcatel-Lucent effort. If the 5620 SAM raises an alarm against this device type, and the alarm is not described in this chapter, see chapter 41 for information about the alarm.

Table 10-1 AccessInterfaceDown

Alarm	Attributes	Applicable major releases
Name: AccessInterfaceDown (249) Type: AccessInterfaceAlarm (32) Package: service Raised on class: service.AccessInterface	Severity: critical Implicitly cleared: true Default probable cause: interfaceDown (32)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0
Description: The alarm is raised when an L2 or L3 interface operational state is Down. The alarm is not raised against an L2 access interface that is associated with an MC ring or MC LAG in the standby state.		
Raising condition: (('Operational State' NOT EQUAL 'Up') AND ('State Cause' NOT EQUAL 'Standby For MC-Ring') AND ('State Cause' NOT EQUAL 'Standby For MC-Lag') AND ('State Cause' NOT EQUAL 'Standby For BGP Multi-homing'))		
Clearing condition: (('Operational State' EQUAL 'Up') OR ('State Cause' EQUAL 'Standby For MC-Ring') OR ('State Cause' EQUAL 'Standby For MC-Lag') OR ('State Cause' EQUAL 'Standby For BGP Multi-homing'))		
Remedial action: The condition exists because the physical interface is down either because it is administratively disabled, faulty or a cabling fault has occurred. Ensure that the interface is administratively up. Check for a poor cable connection to the port or for a faulty cable/fiber. If neither appears to be the problem run diagnostics on the port to determine if it is faulty.		

Table 10-2 ActiveAbnormalCondition

Alarm	Attributes	Applicable major releases
Name: ActiveAbnormalCondition (3938) Type: activeAbnormalConditionAlarm (116) Package: netw Raised on class: netw.NetworkElement	Severity: major Implicitly cleared: true Default probable cause: ActiveAbnormalConditionState (1520)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0
Description: The alarm is an indication for abnormal condition on NE.		
Raising condition: ('abnormalCondition' EQUAL 'true')		
Clearing condition: ('abnormalCondition' EQUAL 'false')		
Remedial action: This alarm is raised when there is a abnormal state indication on NE.		

Table 10-3 AggregatedVFLPortDown

Alarm	Attributes	Applicable major releases
Name: AggregatedVFLPortDown (5436) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.Shelf	Severity: critical Implicitly cleared: true Default probable cause: connectivityIssue (2137)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0
Description: The alarm is generated when the aggregated virtual fabric link on the virtual chassis slot is down.		
Raising condition: (('Shelf Type' EQUAL '7850') AND ('Total Slots' EQUAL '4') AND ('Virtual Fabric Link State' NOT EQUAL 'Up'))		
Clearing condition: (('Shelf Type' EQUAL '7850') AND ('Total Slots' EQUAL '4') AND ('Virtual Fabric Link State' EQUAL 'Up'))		
Remedial action: The alarm is raised when the aggregated virtual fabric link on the virtual chassis is down. Please check the virtual fabric links for the virtual chassis setup.		

Table 10-4 AGWDiameterPeerDown

Alarm	Attributes	Applicable major releases
Name: AGWDiameterPeerDown (844) Type: EpcAlarm (59) Package: Ite Raised on class: Ite.AGWDiameterPeer	Severity: variable Implicitly cleared: true Default probable cause: EPSPeerDown (602)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0
Description: The alarm is raised when the path management state of a Diameter peer changes to a state other than Up.		
Raising condition: ('Path Diameter Management State' NOT EQUAL 'Active')		
Clearing condition: ('Path Diameter Management State' EQUAL 'Active')		
Remedial action: A Ga reference point (peer) is operationally down for one of the following reasons: the underlying IP or physical interface is down, the far end peer is down or the underlying transport between this NE and the peer NE is down. To resolve the issue ensure that the IP/physical interface is up, check that the far end peer is operational and check that the underlying transport network is up.		

Table 10-5 AncillaryPathLimitReached

Alarm	Attributes	Applicable major releases
Name: AncillaryPathLimitReached (459) Type: resourceAlarm (28) Package: equipment Raised on class: equipment.DaughterCard	Severity: warning Implicitly cleared: true Default probable cause: resourceLimitReached (131)	<ul style="list-style-type: none"> 6.0.0 7.0.0
Description: The alarm is raised when the Ingress Multicast Path Management ancillary path bandwidth limit is reached.		
Raising condition: (('Ancillary Path Limit Override' > '0') AND ('Ancillary Path In use' >= (1000 * 'Ancillary Path Limit Override'))"		
Clearing condition: (('Ancillary Path Limit Override' > '0') AND ('Ancillary Path In use' < (1000 * 'Ancillary Path Limit Override'))"		
Remedial action: Informational - The alarm is raised when the Ingress Multicast Path Management ancillary path bandwidth limit is reached. This can be remedied by modifying the ancillary path limit located at T1 Paths tab of the multicast bandwidth policy which assigned to the card, or increase the ancillary path limit override located at the Daughter Card tab under Daughter Card Slot form.		

Table 10-6 AreaTypeMismatch

Alarm	Attributes	Applicable major releases
Name: AreaTypeMismatch (38) Type: configurationAlarm (11) Package: ospf Raised on class: ospf.Area	Severity: warning Implicitly cleared: true Default probable cause: areaTypeMisconfigured (34)	<ul style="list-style-type: none"> 6.0.0 7.0.0
Description: The alarm is raised when an OSPF area on one NE is configured as an NSSA and the same OSPF area on another NE is configured as a stub area.		
Raising condition: ('Type Mismatch' EQUAL 'true')		
Clearing condition: ('Type Mismatch' EQUAL 'false')		
Remedial action: A configuration error has been made which must be corrected. The OSPF area type configured for the NE does not match with the same OSPF area configured on another NE. Compare the configuration on the endpoint and correct the mismatch.		

Table 10-7 AsymmetricalConfig (multichassis)

Alarm	Attributes	Applicable major releases
Name: AsymmetricalConfig (295) Type: configurationAlarm (11) Package: multichassis Raised on classes: <ul style="list-style-type: none"> multichassis.AbstractMultiChassisLag multichassis.MultiChassisLagMember multichassis.AbstractMultiChassisPeer 	Severity: major Implicitly cleared: true Default probable cause: asymmetricalConfig (226)	<ul style="list-style-type: none"> 6.0.0 7.0.0
Description: The alarm is raised when there is a peer configuration mismatch that prevents MC operation.		

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Alarm	Attributes	Applicable major releases
Raising condition: ('Config Mismatches' NOT EQUAL '0L')		
Clearing condition: ('Config Mismatches' EQUAL '0L')		
Remedial action: Check configurations on both members to see anything not matched.		

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Table 10-8 AuthKeyConflict (rsvp)

Alarm	Attributes	Applicable major releases
Name: AuthKeyConflict (5188) Type: processingErrorAlarm (81) Package: rsvp Raised on class: rsvp.AuthenticationKey	Severity: warning Implicitly cleared: true Default probable cause: AuthKeyConflict (2103)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0
Description: The alarm is raised when both Authentication Key and RSVP Keychain are configured. RSVP Keychain will be used.		
Raising condition: (('RSVP Keychain' NOT EQUAL '') AND ('enableAuthentication' EQUAL 'true'))		
Clearing condition: (('RSVP Keychain' EQUAL '') OR ('enableAuthentication' NOT EQUAL 'true'))		
Remedial action: Authentication Key and RSVP Keychain are both configured. RSVP Keychain will be used. The alarm is cleared when only one is configured.		

Table 10-9 AuxiliaryServerStatus

Alarm	Attributes	Applicable major releases
Name: AuxiliaryServerStatus (311) Type: communicationsAlarm (4) Package: server Raised on class: server.AuxiliaryServer	Severity: critical Implicitly cleared: true Default probable cause: systemFailed (144)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0
Description: The alarm is raised when a 5620 SAM main server cannot communicate with an auxiliary server. The alarm clears when communication is restored.		
Raising condition: ('Server Status' EQUAL 'Down')		
Clearing condition: ('Server Status' EQUAL 'Up')		
Remedial action: Informational - if the alarm persists or is occurring frequently then investigation is required to understand why the connectivity between the AUX and SAM servers is unreliable.		

Table 10-10 BfdInterfaceConnectionBroken

Alarm	Attributes	Applicable major releases
Name: BfdInterfaceConnectionBroken (3329) Type: serviceAlarm (16) Package: vrrp Raised on class: vrrp.BfdInterface	Severity: minor Implicitly cleared: true Default probable cause: bfdSessionConnectionBroken (593)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0
Description: The alarm is raised when the BFD connection to a peer times out.		
Raising condition: ('Operational State' EQUAL 'Timed Out')		
Clearing condition: ('Operational State' NOT EQUAL 'Timed Out')		
Remedial action: Check the peer router, fix the BFD connection		

Table 10-11 BfdInterfaceConnectionDown

Alarm	Attributes	Applicable major releases
Name: BfdInterfaceConnectionDown (3330) Type: serviceAlarm (16) Package: vrrp Raised on class: vrrp.BfdInterface	Severity: minor Implicitly cleared: true Default probable cause: bfdSessionDown (346)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0
Description: The alarm is raised when the Operational State of a BFD session is Not Connected.		
Raising condition: ('Operational State' NOT EQUAL 'Operational')		
Clearing condition: ('Operational State' EQUAL 'Operational')		
Remedial action: Check the BFD interface configuration, fix the BFD connection		

Table 10-12 BfdInterfaceConnectionPeerDetectsDown

Alarm	Attributes	Applicable major releases
Name: BfdInterfaceConnectionPeerDetectsDown (3331) Type: serviceAlarm (16) Package: vrrp Raised on class: vrrp.BfdInterface	Severity: minor Implicitly cleared: true Default probable cause: bfdSessionConnectionPeerDetectsDown (594)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0
Description: The alarm is raised when a BFD peer detects a connection timeout.		
Raising condition: ('Operational State' EQUAL 'Down')		
Clearing condition: ('Operational State' NOT EQUAL 'Down')		
Remedial action: Fix the BFD connection		

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Table 10-13 BgpDown

Alarm	Attributes	Applicable major releases
Name: BgpDown (6) Type: ProtocolAlarm (1) Package: bgp Raised on class: bgp.Site	Severity: critical Implicitly cleared: true Default probable cause: protocolDown (1)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0
Description: The alarm is raised when a BGP instance has an Operational State other than Up, and the Administrative State is Up.		
Raising condition: (('Administrative State' EQUAL 'Up') AND ('Operational State' NOT EQUAL 'Up'))		
Clearing condition: (('Operational State' EQUAL 'Up') OR ('Administrative State' NOT EQUAL 'Up'))		
Remedial action: The BGP protocol entity is down - administratively disable BGP and re-enable. If the problem persists please contact Alcatel-Lucent support for assistance.		

Table 10-14 BITS2NotQualified

Alarm	Attributes	Applicable major releases
Name: BITS2NotQualified (1941) Type: communicationsAlarm (4) Package: sonet Raised on class: sonet.SiteSync	Severity: minor Implicitly cleared: true Default probable cause: timingReferenceNotQualified (418)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0
Description: The alarm is raised when the BITS-2 timing reference on an NE is not in the Qualified state.		
Raising condition: (('Qualified For Use' EQUAL 'Not Qualified') AND ('Input Administrative State' NOT EQUAL 'Down'))		
Clearing condition: (('Qualified For Use' NOT EQUAL 'Not Qualified') OR ('Input Administrative State' EQUAL 'Down'))		
Remedial action: Make sure that BITS2 is qualified		

Table 10-15 BITSNotQualified

Alarm	Attributes	Applicable major releases
Name: BITSNotQualified (547) Type: communicationsAlarm (4) Package: sonet Raised on class: sonet.SiteSync	Severity: minor Implicitly cleared: true Default probable cause: timingReferenceNotQualified (418)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0
Description: The alarm is raised when the BITS timing reference on an NE is not in the Qualified state.		
Raising condition: (('Qualified For Use' EQUAL 'Not Qualified') AND ('Output Administrative State' NOT EQUAL 'Down'))		
Clearing condition: (('Qualified For Use' NOT EQUAL 'Not Qualified') OR ('Output Administrative State' EQUAL 'Down'))		
Remedial action: Make sure that BITS is qualified		

Table 10-16 BITSReferenceLossOfSignal

Alarm	Attributes	Applicable major releases
Name: BITSReferenceLossOfSignal (1950) Type: communicationsAlarm (4) Package: sonet Raised on class: sonet.SiteSync	Severity: minor Implicitly cleared: true Default probable cause: BITSReferenceLossOfSignal (938)	<ul style="list-style-type: none"> 6.0.0 7.0.0
Description: The alarm is raised when the BITS reference on an NE is not qualified due to Loss of Signal.		
Raising condition: (('Not Qualified Due To'anyBit'LOS'))		
Clearing condition: NOT (('Not Qualified Due To'anyBit'LOS'))		
Remedial action: Make sure that peer connected to BITS is properly configured.		

Table 10-17 BITSReferenceOutOfFrequency

Alarm	Attributes	Applicable major releases
Name: BITSReferenceOutOfFrequency (1951) Type: communicationsAlarm (4) Package: sonet Raised on class: sonet.SiteSync	Severity: minor Implicitly cleared: true Default probable cause: BITSReferenceOutOfFrequency (939)	<ul style="list-style-type: none"> 6.0.0 7.0.0
Description: The alarm is raised when the BITS Reference on an NE is not qualified due to Out of frequency.		
Raising condition: (('Not Qualified Due To'anyBit'OOF'))		
Clearing condition: NOT (('Not Qualified Due To'anyBit'OOF'))		
Remedial action: Make sure that frequency configured for BITS is correct.		

Table 10-18 BITSReferenceOutOfPollInRange

Alarm	Attributes	Applicable major releases
Name: BITSReferenceOutOfPollInRange (1952) Type: communicationsAlarm (4) Package: sonet Raised on class: sonet.SiteSync	Severity: minor Implicitly cleared: true Default probable cause: BITSReferenceOutOfPollInRange (940)	<ul style="list-style-type: none"> 6.0.0 7.0.0
Description: The alarm is raised when the BITS Reference on an NE is not qualified state due to Out of poll in range.		
Raising condition: (('Not Qualified Due To'anyBit'OOPIR'))		
Clearing condition: NOT (('Not Qualified Due To'anyBit'OOPIR'))		
Remedial action: Check the BITS is configured correctly. Check the SONET port is configured correctly and that the physical layer cabling is operating correctly. Call customer support if necessary		

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Table 10-19 BootableConfigBackupFailed

Alarm	Attributes	Applicable major releases
Name: BootableConfigBackupFailed (103) Type: configurationAlarm (11) Package: sw Raised on class: sw.BackupRestoreManager	Severity: major Implicitly cleared: true Default probable cause: fileTransferFailure (89)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0
Description: The alarm is raised when the 5620 SAM fails to back up a set of NE configuration files.		
Raising condition: ('Backup State' EQUAL 'Failure')		
Clearing condition: ('Backup State' EQUAL 'Success')		
Remedial action: Investigation is required to resolve the following possible scenarios: insufficient disk space is available to accommodate the NE configuration files (additional SAM platform alarms will accompany this alarm); the NE is unreachable (including underlying transport network issue); loss of connectivity to the NE during transfer; the FTP daemon on the NE may have stopped; FTP security credential issues.		

Table 10-20 BootableConfigRestoreFailed

Alarm	Attributes	Applicable major releases
Name: BootableConfigRestoreFailed (104) Type: configurationAlarm (11) Package: sw Raised on class: sw.BackupRestoreManager	Severity: major Implicitly cleared: true Default probable cause: fileTransferFailure (89)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0
Description: The alarm is raised when the 5620 SAM fails to restore a set of NE configuration files.		
Raising condition: ('Restore State' EQUAL 'Failure')		
Clearing condition: ('Restore State' EQUAL 'Success')		
Remedial action: Investigation is required to resolve the following possible scenarios: the NE is unreachable (including underlying transport network issue); loss of connectivity to the NE during transfer; the FTP daemon on the NE may have stopped; FTP security credential issues.		

Table 10-21 BootParametersMisconfigured

Alarm	Attributes	Applicable major releases
Name: BootParametersMisconfigured (35) Type: configurationAlarm (11) Package: netw Raised on class: netw.NetworkElement	Severity: critical Implicitly cleared: true Default probable cause: persistentIndexFailure (30) Applicable probable causes: <ul style="list-style-type: none"> • persistentIndexFailure • configFileBootFailure 	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0
Description: The alarm is raised when the SNMP Index Boot Status on an NE is not set to Persistent.		

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Alarm	Attributes	Applicable major releases
Raising condition: ((isGenericNode EQUAL 'false') AND (State NOT EQUAL 'Pre-provisioned') AND (((Config File Status NOT EQUAL 'Executed Successfully') AND (Config File Status NOT EQUAL 'configFileStatus_unspecified')) OR ((Persistent Index Status NOT EQUAL 'Rebuild Succeeded') AND (Persistent Index Status NOT EQUAL 'persistentIndexStatus_unspecified'))))		
Clearing condition: ((Config File Status EQUAL 'Executed Successfully') AND (Persistent Index Status EQUAL 'Rebuild Succeeded'))		
Remedial action: Ensure that "SNMP Index Boot Status" is persistent (using cli command "show system information" on the NE). If not, unmanage the network element from SAM, ensure that "persist on" is set in the bof file, save the bof, save a config file, verify that an index file (.ndx) is saved as well, reboot the router, verify that SNMP Index Boot Status is persistent and finally remanage the router from SAM.		

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Table 10-22 CircuitStpExceptionCondition

Alarm	Attributes	Applicable major releases
Name: CircuitStpExceptionCondition (648) Type: SdpBindingAlarm (30) Package: I2fwd Raised on class: I2fwd.CircuitStp	Severity: major Implicitly cleared: true Default probable cause: StpException (228)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0
Description: The alarm is raised when an NE detects an STP exception condition on a SAP, for example, one-way communication or a downstream loop. The alarm clears when the STP status changes.		
Raising condition: ((STP Exception Condition NOT EQUAL 'None') AND (Administrative State EQUAL 'Up'))		
Clearing condition: ((STP Exception Condition EQUAL 'None') OR (Administrative State EQUAL 'Down'))		
Remedial action: Check 'STP Exception Condition' field for more details and fix the STP exception.		

Table 10-23 ClientDelegateServerStatus

Alarm	Attributes	Applicable major releases
Name: ClientDelegateServerStatus (731) Type: communicationsAlarm (4) Package: server Raised on class: server.ClientDelegateServer	Severity: critical Implicitly cleared: true Default probable cause: systemFailed (144)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0
Description: The alarm is raised when a client delegate server is unreachable.		
Raising condition: (Server Status EQUAL 'Down')		
Clearing condition: (Server Status EQUAL 'Up')		
Remedial action: Informational - if the alarm persists or is occurring frequently then investigation is required to understand why the connectivity between the client delegate platform and SAM servers is unreliable or the client delegate server itself is unreliable.		

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Table 10-24 ContainingEquipmentAdministrativelyDown

Alarm	Attributes	Applicable major releases
Name: ContainingEquipmentAdministrativelyDown (466) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.Port	Severity: minor Implicitly cleared: true Default probable cause: containingEquipmentAdministrativelyDown (330)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0
Description: The alarm is raised when the compositeEquipmentState attribute has a value of containingEquipmentAdministrativelyDown.		
Raising condition: (('Status' EQUAL 'Parent Admin Down') AND ('isTerminatable' EQUAL 'true'))		
Clearing condition: (('Status' NOT EQUAL 'Parent Admin Down') OR ('isTerminatable' NOT EQUAL 'true'))		
Remedial action: Informational - no corrective action required.		

Table 10-25 ContainingEquipmentMismatch

Alarm	Attributes	Applicable major releases
Name: ContainingEquipmentMismatch (464) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.Port	Severity: major Implicitly cleared: true Default probable cause: containingEquipmentMismatch (328)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0
Description: The alarm is raised when the compositeEquipmentState attribute has a value of containingEquipmentMismatch.		
Raising condition: (('Status' EQUAL 'Parent Type Mismatch') AND ('isTerminatable' EQUAL 'true'))		
Clearing condition: (('Status' NOT EQUAL 'Parent Type Mismatch') OR ('isTerminatable' NOT EQUAL 'true'))		
Remedial action: A configuration error has occurred which must be corrected. The card type configured for the slot identified in the alarm must match the installed card type.		

Table 10-26 ContainingEquipmentOperationallyDown

Alarm	Attributes	Applicable major releases
Name: ContainingEquipmentOperationallyDown (465) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.Port	Severity: major Implicitly cleared: true Default probable cause: containingEquipmentDown (329)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0
Description: The alarm is raised when the compositeEquipmentState attribute has a value of containingEquipmentOperationallyDown.		
Raising condition: (('Status' EQUAL 'Parent Oper Down') AND ('isTerminatable' EQUAL 'true'))		
Clearing condition: (('Status' NOT EQUAL 'Parent Oper Down') OR ('isTerminatable' NOT EQUAL 'true'))		

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Alarm	Attributes	Applicable major releases
Remedial action: The operational state of the equipment element indicated in the alarm is down. This may be due to the element's administrative state or it may indicate that the element has failed.		

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Table 10-27 CorruptImageFile

Alarm	Attributes	Applicable major releases
Name: CorruptImageFile (171) Type: configurationAlarm (11) Package: mediation Raised on class: mediation.AbstractSoftwareFolderDescriptor	Severity: critical Implicitly cleared: true Default probable cause: invalidOrCorruptImageFile (134)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0
Description: The alarm is raised when one or more files in the 5620 SAM software image specified for a device software upgrade is invalid, corrupt or absent. The 5620 SAM validates a device software file set before it imports the file set and distributes it to an NE. Ensure that the file set downloads properly to the NE and is not tampered with before you re-attempt the upgrade. The alarm clears when a valid file set is on the NE and the 5620 SAM activates the software image in the file set.		
Raising condition: ('isImageValid' EQUAL 'false')		
Clearing condition: ('isImageValid' EQUAL 'true')		
Remedial action: The existing SW image in the SAM database should be replaced with an image that is known to be complete and valid.		

Table 10-28 downgradedCardAlarm

Alarm	Attributes	Applicable major releases
Name: downgradedCardAlarm (256) Type: softwareAlarm (19) Package: equipment Raised on class: equipment.Card	Severity: warning Implicitly cleared: true Default probable cause: downgradedCard (195)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0
Description: The alarm is raised when an IOM is not upgraded or reset after a device software upgrade of both CPMs. A device resets an IOM automatically after 120 minutes if the IOM is not manually reset after a CPM upgrade.		
Raising condition: ('operationalState' EQUAL 'Downgrade')		
Clearing condition: ('operationalState' EQUAL 'Up')		
Remedial action: Informational - no corrective action required.		

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Table 10-29 EfmOamAlarm

Alarm	Attributes	Applicable major releases
Name: EfmOamAlarm (4617) Type: equipmentAlarm (3) Package: ethernetequipment Raised on class: ethernetequipment.Dot3Oam	Severity: minor Implicitly cleared: true Default probable cause: EFMOAMOperationalStateOutOfService (1886)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0
Description: The alarm is raised when EFM Ignore status is Enabled, and Physical port Administrative State is Down.		
Raising condition: ('Ignore EFM State' EQUAL 'true')		
Clearing condition: ('Ignore EFM State' EQUAL 'true')		
Remedial action: The alarm is raised when EFM Ignore status is Enabled, and Physical port Administrative State is Down.		

Table 10-30 EquipmentAdministrativelyDown

Alarm	Attributes	Applicable major releases
Name: EquipmentAdministrativelyDown (455) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.Equipment	Severity: minor Implicitly cleared: true Default probable cause: equipmentAdministrativelyDown (326)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0
Description: The alarm is raised when the compositeEquipmentState attribute has a value of equipmentAdministrativelyDown.		
Raising condition: ('compositeEquipmentState' EQUAL 'Admin Down')		
Clearing condition: ('compositeEquipmentState' NOT EQUAL 'Admin Down')		
Remedial action: Informational - no corrective action required.		

Table 10-31 EquipmentDegraded

Alarm	Attributes	Applicable major releases
Name: EquipmentDegraded (604) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.FanTray	Severity: minor Implicitly cleared: true Default probable cause: singleFanFailure (450)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0
Description: The alarm is raised when a single fan fails. The chassis attempts to continue operating within the normal temperature range using only the remaining fans.		
Raising condition: ('Device State' EQUAL 'MinorFailure')		
Clearing condition: ('Device State' NOT EQUAL 'MinorFailure')		
Remedial action: The failed fan unit should be replaced.		

Table 10-32 EquipmentDown

Alarm	Attributes	Applicable major releases
Name: EquipmentDown (10) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.Equipment	Severity: major Implicitly cleared: true Default probable cause: inoperableEquipment (8)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0
Description: The alarm is raised when the compositeEquipmentState attribute has a value of equipmentOperationallyDown.		
Raising condition: ('compositeEquipmentState' EQUAL 'Oper Down')		
Clearing condition: ('compositeEquipmentState' NOT EQUAL 'Oper Down')		
Remedial action: This alarm indicates that a card in the NE has failed. The card must be replaced.		

Table 10-33 EquipmentFailure

Alarm	Attributes	Applicable major releases
Name: EquipmentFailure (145) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.ReplaceableUnit	Severity: critical Implicitly cleared: true Default probable cause: cardFailure (123)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0
Description: The alarm is raised when a control processor or power-supply tray reports a failure. When the object type is ControlProcessor, a CPM may be unable to boot. When the object type is Power Supply Tray and the alarm is raised during device discovery, a power-supply tray may be out of service. When the object type is a Power Supply Tray and the device is in the managed state, a power-supply tray may be out of service or the AC power shelf has a fault condition. The alarm clears when the status changes to OK.		
Raising condition: ('operationalState' EQUAL 'Failed')		
Clearing condition: ('operationalState' NOT EQUAL 'Failed')		
Remedial action: If the alarm indicates that the CPM card has a fault, remove the card and reset it. If this does not clear the alarm then please contact Alcatel-Lucent support for assistance. If the alarm indicates that the Power Supply tray is out of service ensure that the NE is properly connected to power. If the problem persists please contact Alcatel-Lucent support for assistance.		

Table 10-34 EquipmentInTest

Alarm	Attributes	Applicable major releases
Name: EquipmentInTest (11) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.Equipment	Severity: warning Implicitly cleared: true Default probable cause: equipmentInTest (9)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0
Description: The alarm is raised when equipment enters a diagnostic state.		
Raising condition: ('compositeEquipmentState' EQUAL 'In Test')		
Clearing condition: ('compositeEquipmentState' NOT EQUAL 'In Test')		

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Alarm	Attributes	Applicable major releases
Remedial action: Informational - no corrective action required.		

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Table 10-35 EquipmentMismatch

Alarm	Attributes	Applicable major releases
Name: EquipmentMismatch (9) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.Equipment	Severity: major Implicitly cleared: true Default probable cause: equipmentTypeMismatch (7)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0
Description: The alarm is raised when the compositeEquipmentState attribute has a value of equipmentMismatch.		
Raising condition: ('compositeEquipmentState' EQUAL 'Type Mismatch')		
Clearing condition: ('compositeEquipmentState' NOT EQUAL 'Type Mismatch')		
Remedial action: A configuration error has occurred which must be corrected. The card type configured for the slot identified in the alarm must match the installed card type.		

Table 10-36 EquipmentRemoved

Alarm	Attributes	Applicable major releases
Name: EquipmentRemoved (8) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.Equipment	Severity: major Implicitly cleared: true Default probable cause: replaceableEquipmentRemoved (6)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0
Description: The alarm is raised when the compositeEquipmentState attribute has a value of equipmentMissing.		
Raising condition: (((('isEquipped' EQUAL 'false') OR ('compositeEquipmentState' EQUAL 'Removed')) AND ('isEquipmentInserted' EQUAL 'true'))		
Clearing condition: (('compositeEquipmentState' NOT EQUAL 'Removed') AND ('isEquipped' EQUAL 'true'))		
Remedial action: Informational - this alarm is raised when a card is removed.		

Table 10-37 EthernetPortConfiguredLoopback

Alarm	Attributes	Applicable major releases
Name: EthernetPortConfiguredLoopback (801) Type: configurationAlarm (11) Package: ethernetequipment Raised on class: ethernetequipment.EthernetPortSpecifics	Severity: warning Implicitly cleared: true Default probable cause: ethernetPortConfiguredLoopback (567)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0

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Alarm	Attributes	Applicable major releases
Description: The alarm is raised when a timed loopback is in effect for an Ethernet port.		
Raising condition: (('Type' NOT EQUAL 'None'))		
Clearing condition: (('Type' EQUAL 'None'))		
Remedial action: This alarm has been raised by the node because "Timed Loopback" option of the specific port's Ethernet property has been enabled. To resolve this problem from "Ethernet" tab of "Physical Port" properties form configure "Timed Loopback" Type property as "None".		

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Table 10-38 EthernetPortDuplicateLane

Alarm	Attributes	Applicable major releases
Name: EthernetPortDuplicateLane (3557) Type: communicationsAlarm (4) Package: ethernetequipment Raised on class: ethernetequipment.EthernetPortSpecifics	Severity: major Implicitly cleared: true Default probable cause: DuplicateLane (1387)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0
Description: The alarm is raised when a device reports a Duplicate Lane on an Ethernet port.		
Raising condition: (('Outstanding Alarms'anyBit'Duplicate Lane') AND ('Report Alarms'anyBit'Duplicate Lane'))		
Clearing condition: NOT (('Outstanding Alarms'anyBit'Duplicate Lane') AND ('Report Alarms'anyBit'Duplicate Lane'))		
Remedial action: One of the following conditions exists on the referenced physical interface which must be corrected. A cable/fiber fault exists which must be corrected - check to ensure that the cable is not faulty and is properly connected. The port is faulty - run diagnostics on the port to determine the nature of the fault. If the problem cannot be resolved swap the card containing the port with a card which is known be functional.		

Table 10-39 EthernetPortHighBer

Alarm	Attributes	Applicable major releases
Name: EthernetPortHighBer (307) Type: communicationsAlarm (4) Package: ethernetequipment Raised on class: ethernetequipment.EthernetPortSpecifics	Severity: major Implicitly cleared: true Default probable cause: HighBer (238)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0
Description: The alarm is raised when a device reports a high bit-error rate on an Ethernet port.		
Raising condition: (('Outstanding Alarms'anyBit'High Bit Error Rate') AND ('Report Alarms'anyBit'High Bit Error Rate'))		
Clearing condition: NOT (('Outstanding Alarms'anyBit'High Bit Error Rate') AND ('Report Alarms'anyBit'High Bit Error Rate'))		
Remedial action: One of the following conditions exists on the physical interface which must be corrected. A cable/fiber fault exists which must be corrected - check to ensure that the cable is not faulty and is properly connected. The port is faulty - run diagnostics on the port to determine the nature of the fault.		

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Table 10-40 EthernetPortLocalFault

Alarm	Attributes	Applicable major releases
Name: EthernetPortLocalFault (305) Type: communicationsAlarm (4) Package: ethernetequipment Raised on class: ethernetequipment.EthernetPortSpecifics	Severity: major Implicitly cleared: true Default probable cause: LocalFault (236)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0
Description: The alarm is raised when a device reports a local fault on an Ethernet port.		
Raising condition: (('Outstanding Alarms'anyBit'Local Fault') AND ('Report Alarms'anyBit'Local Fault'))		
Clearing condition: NOT (('Outstanding Alarms'anyBit'Local Fault') AND ('Report Alarms'anyBit'Local Fault'))		
Remedial action: One of the following conditions exists on the physical interface which must be corrected. A cable/fiber fault exists which must be corrected - check to ensure that the cable is not faulty and is properly connected. The port is faulty - run diagnostics on the port to determine the nature of the fault.		

Table 10-41 EthernetPortNoAmLock

Alarm	Attributes	Applicable major releases
Name: EthernetPortNoAmLock (3558) Type: communicationsAlarm (4) Package: ethernetequipment Raised on class: ethernetequipment.EthernetPortSpecifics	Severity: major Implicitly cleared: true Default probable cause: NoAmLock (1388)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0
Description: The alarm is raised when a device reports a No Am Lock on an Ethernet port.		
Raising condition: (('Outstanding Alarms'anyBit'No AM Lock') AND ('Report Alarms'anyBit'No AM Lock'))		
Clearing condition: NOT (('Outstanding Alarms'anyBit'No AM Lock') AND ('Report Alarms'anyBit'No AM Lock'))		
Remedial action: One of the following conditions exists on the referenced physical interface which must be corrected. A cable/fiber fault exists which must be corrected - check to ensure that the cable is not faulty and is properly connected. The port is faulty - run diagnostics on the port to determine the nature of the fault. If the problem cannot be resolved swap the card containing the port with a card which is known be functional.		

Table 10-42 EthernetPortNoBlockLock

Alarm	Attributes	Applicable major releases
Name: EthernetPortNoBlockLock (3559) Type: communicationsAlarm (4) Package: ethernetequipment Raised on class: ethernetequipment.EthernetPortSpecifics	Severity: major Implicitly cleared: true Default probable cause: NoBlockLock (1389)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0
Description: The alarm is raised when a device reports a No Block Lock on an Ethernet port.		
Raising condition: (('Outstanding Alarms'anyBit'No Block Lock') AND ('Report Alarms'anyBit'No Block Lock'))		

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Alarm	Attributes	Applicable major releases
Clearing condition: NOT (('Outstanding Alarms'anyBit'No Block Lock') AND ('Report Alarms'anyBit'No Block Lock'))		
Remedial action: One of the following conditions exists on the referenced physical interface which must be corrected. A cable/fiber fault exists which must be corrected - check to ensure that the cable is not faulty and is properly connected. The port is faulty - run diagnostics on the port to determine the nature of the fault. If the problem cannot be resolved swap the card containing the port with a card which is known be functional.		

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Table 10-43 EthernetPortNoFrameLock

Alarm	Attributes	Applicable major releases
Name: EthernetPortNoFrameLock (306) Type: communicationsAlarm (4) Package: ethernetequipment Raised on class: ethernetequipment.EthernetPortSpecifics	Severity: major Implicitly cleared: true Default probable cause: NoFrameLock (237)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0
Description: The alarm is raised when a device reports No Frame Lock on an Ethernet port.		
Raising condition: (('Outstanding Alarms'anyBit'No Frame Lock') AND ('Report Alarms'anyBit'No Frame Lock'))		
Clearing condition: NOT (('Outstanding Alarms'anyBit'No Frame Lock') AND ('Report Alarms'anyBit'No Frame Lock'))		
Remedial action: One of the following conditions exists on the physical interface which must be corrected. A cable/fiber fault exists which must be corrected - check to ensure that the cable is not faulty and is properly connected. The port is faulty - run diagnostics on the port to determine the nature of the fault.		

Table 10-44 EthernetPortRemoteFault

Alarm	Attributes	Applicable major releases
Name: EthernetPortRemoteFault (304) Type: communicationsAlarm (4) Package: ethernetequipment Raised on class: ethernetequipment.EthernetPortSpecifics	Severity: major Implicitly cleared: true Default probable cause: RemoteFault (235)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0
Description: The alarm is raised when a device reports a remote fault on an Ethernet port.		
Raising condition: (('Outstanding Alarms'anyBit'Remote Fault') AND ('Report Alarms'anyBit'Remote Fault'))		
Clearing condition: NOT (('Outstanding Alarms'anyBit'Remote Fault') AND ('Report Alarms'anyBit'Remote Fault'))		
Remedial action: One of the following conditions exists on the remote physical interface which must be corrected. A cable/fiber fault exists which must be corrected - check to ensure that the cable is not faulty and is properly connected. The port is faulty - run diagnostics on the port to determine the nature of the fault.		

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Table 10-45 EthernetPortSignalFailure

Alarm	Attributes	Applicable major releases
Name: EthernetPortSignalFailure (303) Type: communicationsAlarm (4) Package: ethernetequipment Raised on class: ethernetequipment.EthernetPortSpecifics	Severity: major Implicitly cleared: true Default probable cause: SignalFailure (234)	<ul style="list-style-type: none"> 6.0.0 7.0.0
Description: The alarm is raised when a device reports a signal failure on an Ethernet port.		
Raising condition: (('Outstanding Alarms'anyBit'Signal Failure') AND ('Report Alarms'anyBit'Signal Failure'))		
Clearing condition: NOT (('Outstanding Alarms'anyBit'Signal Failure') AND ('Report Alarms'anyBit'Signal Failure'))		
Remedial action: One of the following conditions exists on the physical interface which must be corrected. A cable/fiber fault exists which must be corrected - check to ensure that the cable is not faulty and is properly connected. The port is faulty - run diagnostics on the port to determine the nature of the fault.		

Table 10-46 ExternalTimingReferenceNotQualified

Alarm	Attributes	Applicable major releases
Name: ExternalTimingReferenceNotQualified (548) Type: communicationsAlarm (4) Package: sonet Raised on class: sonet.SiteSync	Severity: minor Implicitly cleared: true Default probable cause: timingReferenceNotQualified (418)	<ul style="list-style-type: none"> 6.0.0 7.0.0
Description: The alarm is raised when the External timing reference on an NE is not in the Qualified state.		
Raising condition: (('Qualified For Use' EQUAL 'Not Qualified') AND ('Administrative State' NOT EQUAL 'Down'))		
Clearing condition: (('Qualified For Use' NOT EQUAL 'Not Qualified') OR ('Administrative State' EQUAL 'Down'))		
Remedial action: Informational		

Table 10-47 FanFailure

Alarm	Attributes	Applicable major releases
Name: FanFailure (624) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.FanTray	Severity: critical Implicitly cleared: true Default probable cause: fanFailure (116)	<ul style="list-style-type: none"> 6.0.0 7.0.0
Description: The alarm is raised when the associated fan is not operationally Up.		
Raising condition: (('Device State' EQUAL 'Failed') OR ('Device State' EQUAL 'Unknown') OR ('Device State' EQUAL 'OutOfservice'))		
Clearing condition: ('Device State' EQUAL 'OK')		
Remedial action: Remove and reset the fan unit. If this does not resolve the problem replace the fan.		

Table 10-48 FanTrayRemoved

Alarm	Attributes	Applicable major releases
Name: FanTrayRemoved (569) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.FanTray	Severity: critical Implicitly cleared: true Default probable cause: FanTrayRemoved (438)	<ul style="list-style-type: none"> 6.0.0 7.0.0
Description: The alarm is raised when the deviceState attribute has a value of deviceNotEquipped.		
Raising condition: ('Device State' EQUAL 'Not Equipped')		
Clearing condition: ('Device State' NOT EQUAL 'Not Equipped')		
Remedial action: Informational - a fan tray has been removed from the NE.		

Table 10-49 ForwardingTableSizeLimitReached

Alarm	Attributes	Applicable major releases
Name: ForwardingTableSizeLimitReached (164) Type: resourceAlarm (28) Package: I2fwd Raised on class: I2fwd.SiteFib	Severity: major Implicitly cleared: true Default probable cause: resourceLimitReached (131)	<ul style="list-style-type: none"> 6.0.0 7.0.0
Description: The alarm is raised when the number of MAC address entries in the FIB reaches or exceeds the VPLS site high watermark specified by I2fwd.SiteFib.highWatermark. The alarm clears when the number of MAC address entries in the FIB drops below the VPLS site low watermark specified by I2fwd.SiteFib.lowWatermark. The alarm can be raised against a VPLS site, L2 access interface, or spoke SDP binding.		
Raising condition: (('Entries' >= 'Size') OR ('Entries' >= (('High Watermark' * 'Size') / 100.0)))		
Clearing condition: (('Entries' < 'Size') AND (('High Watermark' EQUAL '0L') OR ('Entries' < (('Low Watermark' * 'Size') / 100.0))) AND (('Low Watermark' EQUAL '0L') OR ('Entries' < (('Low Watermark' * 'Size') / 100.0)))		
Remedial action: Informational		

Table 10-50 FrameSizeProblem (netw)

Alarm	Attributes	Applicable major releases
Name: FrameSizeProblem (37) Type: configurationAlarm (11) Package: netw Raised on class: netw.StatefullConnectableInterface	Severity: critical Implicitly cleared: true Default probable cause: frameSizeProblem (33)	<ul style="list-style-type: none"> 6.0.0 7.0.0
Description: The alarm is raised when a provisioned MTU size value is greater than the supported MTU size value.		
Raising condition: (('mtuMismatch' EQUAL 'true') AND ('portId' NOT EQUAL '0L'))		
Clearing condition: (('mtuMismatch' EQUAL 'false') OR ('portId' EQUAL '0L'))		

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Alarm	Attributes	Applicable major releases
Remedial action: A configuration error has been made which must be corrected. The MTU value must be changed such that is less than or equal to the supported MTU size value.		

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Table 10-51 FrameSizeProblem (svt)

Alarm	Attributes	Applicable major releases
Name: FrameSizeProblem (37) Type: configurationAlarm (11) Package: svt Raised on class: svt.SdpBinding	Severity: critical Implicitly cleared: true Default probable cause: frameSizeProblem (33)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0
Description: The alarm is raised when a provisioned MTU size value is greater than the supported MTU size value.		
Raising condition: (('Operational State' EQUAL 'MTU Mismatch') OR ('Operational State' EQUAL 'Tunnel MTU Too Small'))		
Clearing condition: (('Operational State' NOT EQUAL 'MTU Mismatch') AND ('Operational State' NOT EQUAL 'Tunnel MTU Too Small'))		
Remedial action: The MTU value must be changed such that is is less than or equal to the supported MTU size value.		

Table 10-52 GaPeerDown

Alarm	Attributes	Applicable major releases
Name: GaPeerDown (3303) Type: EpcAlarm (59) Package: Iteggnsn Raised on class: Iteggnsn.GaPeer	Severity: major Implicitly cleared: true Default probable cause: EPSPeerDown (602)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0
Description: The alarm is raised when the path management state of a Ga peer changes to a state other than Up.		
Raising condition: ('Path Management State' NOT EQUAL 'Active')		
Clearing condition: ('Path Management State' EQUAL 'Active')		
Remedial action: A Ga reference point (peer) is operationally down for one of the following reasons: the underlying IP or physical interface is down, the far end peer is down or the underlying transport between this NE and the peer NE is down. To resolve the issue ensure that the IP/physical interface is up, check that the far end peer is operational and check that the underlying transport network is up.		

Table 10-53 IgmpDown

Alarm	Attributes	Applicable major releases
Name: IgmpDown (158) Type: ProtocolAlarm (1) Package: igmp Raised on class: igmp.Site	Severity: critical Implicitly cleared: true Default probable cause: protocolDown (1)	<ul style="list-style-type: none"> 7.0.0
Description: The alarm is raised when an IGMP site has an Operational State other than Up, and the Administrative State is Up.		
Raising condition: (('Administrative State' EQUAL 'Up') AND ('Operational State' NOT EQUAL 'Up'))		
Clearing condition: (('Operational State' EQUAL 'Up') OR ('Administrative State' NOT EQUAL 'Up'))		
Remedial action: While configured under VPRN, check if VPRN site is admin down, or if route distinguisher is not configured.		

Table 10-54 IncompleteConfig (multichassis)

Alarm	Attributes	Applicable major releases
Name: IncompleteConfig (294) Type: configurationAlarm (11) Package: multichassis Raised on classes: <ul style="list-style-type: none"> multichassis.MultiChassisSync multichassis.MultiChassisLagMember 	Severity: major Implicitly cleared: true Default probable cause: incompleteConfig (225)	<ul style="list-style-type: none"> 6.0.0 7.0.0
Description: The alarm is raised when a peer configuration cannot be found on the peer NE.		
Raising condition: ('mcLagPointer' EQUAL '\')		
Clearing condition: ('mcLagPointer' NOT EQUAL '\')		
Remedial action: Configure the missing peered object.		

Table 10-55 IncompleteConfiguration

Alarm	Attributes	Applicable major releases
Name: IncompleteConfiguration (1942) Type: operationalViolation (93) Package: netw Raised on class: netw.NetworkElement	Severity: warning Implicitly cleared: true Default probable cause: incompleteConfig (225)	<ul style="list-style-type: none"> 6.0.0 7.0.0
Description: The alarm is raised when a pre-provisioned NE has no objects configured beneath it.		
Raising condition: (('State' EQUAL 'Pre-provisioned') AND ('eNodeB Equipment' EQUAL '\'))		
Clearing condition: (('State' EQUAL 'Pre-provisioned') AND ('eNodeB Equipment' NOT EQUAL '\'))		
Remedial action: A configuration error has been made which must be corrected. The configuration of the pre-provisioned NE is incomplete. A work order was not associated with the pre-provisioned NE and as a consequence the attempt to auto-configure the NE failed.		

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Table 10-56 IncorrectPeerConfig

Alarm	Attributes	Applicable major releases
Name: IncorrectPeerConfig (779) Type: configurationAlarm (11) Package: multichassis Raised on class: multichassis.AbstractPeer	Severity: major Implicitly cleared: true Default probable cause: IncorrectPeerConfig (554)	<ul style="list-style-type: none"> 6.0.0 7.0.0
Description: The alarm is raised when an MC peer does not exist, or when an MC peer exists but the peer address is not the address of a network interface on the peer.		
Raising condition: ('peerMatchFound' EQUAL 'false')		
Clearing condition: ('peerMatchFound' EQUAL 'true')		
Remedial action: The peer configuration cannot be found on the peer NE. Either delete this one, or create the missing peer object.		

Table 10-57 IncorrectPeerSynchronizationPortConfig

Alarm	Attributes	Applicable major releases
Name: IncorrectPeerSynchronizationPortConfig (780) Type: configurationAlarm (11) Package: multichassis Raised on class: multichassis.PeerSynchronizationPort	Severity: major Implicitly cleared: true Default probable cause: IncorrectPeerSynchronizationPortConfig (555)	<ul style="list-style-type: none"> 6.0.0 7.0.0
Description: The alarm is raised when the peer port does not exist, or when the peer port exists but the synchronization tags of the peers do not match.		
Raising condition: ('peerMatchFound' EQUAL 'false')		
Clearing condition: ('peerMatchFound' EQUAL 'true')		
Remedial action: Check if the peer port does not exist, or the peer port exists but the synchronization tags do not match.		

Table 10-58 IncorrectPeerSynchronizationPortEncapRangeConfig

Alarm	Attributes	Applicable major releases
Name: IncorrectPeerSynchronizationPortEncapRangeConfig (781) Type: configurationAlarm (11) Package: multichassis Raised on class: multichassis.PeerSynchronizationPortEncapRange	Severity: major Implicitly cleared: true Default probable cause: IncorrectPeerSynchronizationPortEncapRangeConfig (556)	<ul style="list-style-type: none"> 6.0.0 7.0.0
Description: The alarm is raised when the VLAN ranges on the Multi-Chassis synchronization peers do not match.		
Raising condition: ('Neighbor Match' EQUAL 'false')		

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Alarm	Attributes	Applicable major releases
Clearing condition: ('Neighbor Match' EQUAL 'true')		
Remedial action: Update the VLAN ranges on the Multi-Chassis synchronization peers to make them matching.		

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Table 10-59 InstanceDown (vrrp)

Alarm	Attributes	Applicable major releases
Name: InstanceDown (284) Type: configurationAlarm (11) Package: vrrp Raised on class: vrrp.AbstractInstance	Severity: major Implicitly cleared: true Default probable cause: instanceDown (216)	<ul style="list-style-type: none"> 6.0.0 7.0.0
Description: The alarm is raised when the 5620 SAM detects that a VRRP instance is operationally down.		
Raising condition: (('Administrative State' EQUAL 'Up') AND ('Operational State' NOT EQUAL 'Up'))		
Clearing condition: (('Operational State' EQUAL 'Up') OR ('Administrative State' NOT EQUAL 'Up'))		
Remedial action: Check the instance configuration		

Table 10-60 InterfaceDown (netw)

Alarm	Attributes	Applicable major releases
Name: InterfaceDown (36) Type: InterfaceAlarm (13) Package: netw Raised on class: netw.StatefullConnectableInterface	Severity: critical Implicitly cleared: true Default probable cause: interfaceDown (32)	<ul style="list-style-type: none"> 6.0.0 7.0.0
Description: The alarm is raised when an interface or underlying resource fails, as indicated by an interface compositeState attribute value of failed or underlyingResourceFailed.		
Raising condition: (('compositeState' EQUAL 'Inoperable') OR ('compositeState' EQUAL 'Underlying Resource Inoperable'))		
Clearing condition: (('compositeState' NOT EQUAL 'Inoperable') AND ('compositeState' NOT EQUAL 'Underlying Resource Inoperable'))		
Remedial action: A physical port (physical interface, LAG, channel) associated with the network interface in not operation. Ensure that the interface is cabled and that there is not a configuration error (i.e. MTU size set incorrectly) on the interface. Once the issue w		

Table 10-61 IsisAdjacencyDown

Alarm	Attributes	Applicable major releases
Name: IsisAdjacencyDown (153) Type: adjacencyAlarm (31) Package: isis Raised on class: isis.Interface	Severity: minor Implicitly cleared: true Default probable cause: IsisInterfaceDown (232)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0
Description: The alarm is raised when an IS-IS interface has no adjacencies, for example, because the IS-IS protocol on the remote site is down.		
Raising condition: (('Adjacency Count' EQUAL '0L') AND ('interfaceClass' NOT EQUAL 'System') AND ('Passive' NOT EQUAL 'True'))		
Clearing condition: (('Adjacency Count' > '0L') OR ('Passive' EQUAL 'True'))		
Remedial action: Check remote site to see if corresponding IS-IS interface is configured and admin up.		

Table 10-62 IsisDown

Alarm	Attributes	Applicable major releases
Name: IsisDown (19) Type: ProtocolAlarm (1) Package: isis Raised on class: isis.Site	Severity: critical Implicitly cleared: true Default probable cause: protocolDown (1)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0
Description: The alarm is raised when an IS-IS site has an Operational State other than Up, and the Administrative State is Up.		
Raising condition: (('Administrative State' EQUAL 'Up') AND ('Operational State' NOT EQUAL 'Up'))		
Clearing condition: (('Operational State' EQUAL 'Up') OR ('Administrative State' NOT EQUAL 'Up'))		
Remedial action: The protocol is not working anymore, could be a problem with IP addresses, resources on the device, ...		

Table 10-63 IsisInterfaceDown

Alarm	Attributes	Applicable major releases
Name: IsisInterfaceDown (301) Type: ProtocolAlarm (1) Package: isis Raised on class: isis.Interface	Severity: warning Implicitly cleared: true Default probable cause: protocolDown (1)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0
Description: The alarm is raised when an IS-IS interface has an Operational State other than Up.		
Raising condition: ('Operational State' EQUAL 'Down')		
Clearing condition: ('Operational State' NOT EQUAL 'Down')		
Remedial action: Check if underlying port is down, or associated network interface is down.		

Table 10-64 KeepAliveProblem

Alarm	Attributes	Applicable major releases
Name: KeepAliveProblem (100) Type: oamAlarm (18) Package: svt Raised on class: svt.Tunnel	Severity: warning Implicitly cleared: true Default probable cause: keepAliveFailed (86)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0
Description: The alarm is raised when the 5620 SAM detects a keep-alive protocol status of senderIdInvalid or responderIdError.		
Raising condition: (('Keep-Alive State' NOT EQUAL 'Disabled') AND ('Keep-Alive State' NOT EQUAL 'Alive') AND ('Keep-Alive State' NOT EQUAL 'Unknown'))		
Clearing condition: (('Keep-Alive State' EQUAL 'Disabled') OR ('Keep-Alive State' EQUAL 'Alive') OR ('Keep-Alive State' EQUAL 'Unknown'))		
Remedial action: Check the configuration of this tunnel and underlying physical transport.		

Table 10-65 LabelProblem

Alarm	Attributes	Applicable major releases
Name: LabelProblem (98) Type: CircuitAlarm (17) Package: svt Raised on class: svt.SdpBinding	Severity: critical Implicitly cleared: true Default probable cause: labelProblem (84)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0
Description: The alarm is raised when an ingress or an egress label is missing.		
Raising condition: (('Operational State' EQUAL 'No Egress Label') OR ('Operational State' EQUAL 'No Ingress Label') OR ('Operational State' EQUAL 'No Labels'))		
Clearing condition: (('Operational State' NOT EQUAL 'No Egress Label') AND ('Operational State' NOT EQUAL 'No Ingress Label') AND ('Operational State' NOT EQUAL 'No Labels'))		
Remedial action: An ingress or egress label is missing for the SDP binding.		

Table 10-66 LagDown

Alarm	Attributes	Applicable major releases
Name: LagDown (20) Type: equipmentAlarm (3) Package: lag Raised on class: lag.Interface	Severity: critical Implicitly cleared: true Default probable cause: lagDown (17)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0
Description: The alarm is raised when all ports in a LAG are operationally down.		
Raising condition: (('Administrative State' EQUAL 'Up') AND ('operationalState' NOT EQUAL 'Up'))		
Clearing condition: (('operationalState' EQUAL 'Up') OR ('Administrative State' NOT EQUAL 'Up'))		

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Alarm	Attributes	Applicable major releases
<p>Remedial action: This alarm indicates that all physical Ethernet links associated with a LAG are operationally down. The reasons for the links to be down may vary from link to link. The following possible causes of this alarm should be investigated. The physical port (near end or far end may have failed - this can be remedied by replacing the interface card in question. The physical links may have been turned down administratively - re-enable the links. A cable failure or disconnect may have occurred - please ensure that the cables are properly connected to the physical port and and that the cable has not been damaged.</p>		

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Table 10-67 LagPortAddFailed

Alarm	Attributes	Applicable major releases
<p>Name: LagPortAddFailed (422) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.PhysicalPort</p>	<p>Severity: warning Implicitly cleared: true Default probable cause: linkDown (315)</p>	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0
<p>Description: The alarm is raised when the Lag Port Add function Fails.</p>		
<p>Raising condition: (('state' EQUAL 'Link Down') AND ('LAG ID' > '0'))</p>		
<p>Clearing condition: (('state' NOT EQUAL 'Link Down') OR ('LAG ID' EQUAL '0'))</p>		
<p>Remedial action: A configuration error has occurred which must be corrected. The link that was to be added to the LAG group may be of the wrong type (i.e. non ethernet) or the limit of the number of links supported in a LAG may have been reached.</p>		

Table 10-68 LdpDown

Alarm	Attributes	Applicable major releases
<p>Name: LdpDown (22) Type: ProtocolAlarm (1) Package: ldp Raised on class: ldp.Site</p>	<p>Severity: critical Implicitly cleared: true Default probable cause: protocolDown (1)</p>	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0
<p>Description: The alarm is raised when an LDP site has an Operational State other than Up, and the Administrative State is Up.</p>		
<p>Raising condition: (('Administrative State' EQUAL 'Up') AND ('Operational State' NOT EQUAL 'Up'))</p>		
<p>Clearing condition: (('Operational State' EQUAL 'Up') OR ('Administrative State' NOT EQUAL 'Up'))</p>		
<p>Remedial action: Check operational state down reason and update accordingly.</p>		

Table 10-69 LdpSessionNonexistent

Alarm	Attributes	Applicable major releases
Name: LdpSessionNonexistent (2954) Type: LdpSessionAlarm (101) Package: ldp Raised on class: ldp.Session	Severity: critical Implicitly cleared: true Default probable cause: LdpSessionDown (1149)	<ul style="list-style-type: none"> 6.0.0 7.0.0
Description: The alarm is raised when an LDP session is non-existent.		
Raising condition: ('Session State' EQUAL 'Non-existent')		
Clearing condition: ('Session State' EQUAL 'Operational')		
Remedial action: Please check the LDP session path to make sure all associated protocols/interfaces/connections are OK.		

Table 10-70 LdpTargetedPeerDown

Alarm	Attributes	Applicable major releases
Name: LdpTargetedPeerDown (23) Type: ProtocolAlarm (1) Package: ldp Raised on class: ldp.TargetedPeer	Severity: critical Implicitly cleared: true Default probable cause: protocolDown (1)	<ul style="list-style-type: none"> 6.0.0 7.0.0
Description: The alarm is raised when an LDP targeted peer is operationally down.		
Raising condition: (('administrativeState' EQUAL 'Up') AND ('operationalState' NOT EQUAL 'Up'))		
Clearing condition: (('operationalState' EQUAL 'Up') OR ('administrativeState' NOT EQUAL 'Up'))		
Remedial action: Please check the route to LDP targeted peer to make sure all associated protocols/interfaces/connections are OK.		

Table 10-71 LicensedLimitExceeded

Alarm	Attributes	Applicable major releases
Name: LicensedLimitExceeded (127) Type: licensingAlarm (23) Package: security Raised on class: security.ProductLicense	Severity: critical Implicitly cleared: true Default probable cause: licensedLimitExceeded (106)	<ul style="list-style-type: none"> 6.0.0 7.0.0
Description: The alarm is raised when the license items in the network exceeds 100 percent of the license capacity.		
Raising condition: ('Exceeded' EQUAL 'true')		
Clearing condition: ('Exceeded' NOT EQUAL 'true')		
Remedial action: Informational - The number of SAM licenses purchased and available on the SAM server is insufficient as compared to the number of NEs/MDA/Cells under management in the network. Please contact Alcatel-Lucent Sales to purchase additional licenses.		

Table 10-72 LinkDown (equipment)

Alarm	Attributes	Applicable major releases
Name: LinkDown (12) Type: communicationsAlarm (4) Package: equipment Raised on class: equipment.Equipment	Severity: major Implicitly cleared: true Default probable cause: portLinkProblem (10)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0
Description: The alarm is raised when a port has no associated physical link or remote end point is operationally down.		
Raising condition: (('compositeEquipmentState' EQUAL 'Link Down') OR ('compositeEquipmentState' EQUAL 'Oper Down'))		
Clearing condition: (('compositeEquipmentState' NOT EQUAL 'Link Down') AND ('compositeEquipmentState' NOT EQUAL 'Oper Down'))		
Remedial action: Please make sure that port has physical link and remote end point is operationally up.		

Table 10-73 LowTemperatureDetected

Alarm	Attributes	Applicable major releases
Name: LowTemperatureDetected (1127) Type: environmentalAlarm (2) Package: equipment Raised on class: equipment.Shelf	Severity: major Implicitly cleared: true Default probable cause: equipmentOvercooled (838)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0
Description: The alarm is raised when the chassis temperature falls below the minimum threshold.		
Raising condition: ('Low Temperature State' EQUAL 'Low')		
Clearing condition: ('Low Temperature State' NOT EQUAL 'Low')		
Remedial action: The NE has detected internal temperatures which are abnormally low. This may happen when the environment that the NE is operating in may not be within specifications found in the NE user guides.		

Table 10-74 LspDown

Alarm	Attributes	Applicable major releases
Name: LspDown (25) Type: pathAlarm (12) Package: mpls Raised on class: mpls.Lsp	Severity: critical Implicitly cleared: true Default probable cause: lspDown (19)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0
Description: The alarm is raised when the Operational State of an LSP is Down, but the Administrative State is Up.		
Raising condition: (('administrativeState' EQUAL 'Up') AND ('operationalState' NOT EQUAL 'Up'))		
Clearing condition: (('operationalState' EQUAL 'Up') OR ('administrativeState' NOT EQUAL 'Up'))		
Remedial action: So many things can cause LSP down, check if source and destination interfaces are down, LSP path is down and the failure code, or MPLS path is down...		

Table 10-75 LspPathBypassTunnelActive

Alarm	Attributes	Applicable major releases
Name: LspPathBypassTunnelActive (264) Type: pathAlarm (12) Package: mpls Raised on class: mpls.LspPath	Severity: warning Implicitly cleared: true Default probable cause: LspPathReroutedToBypassTunnel (197)	<ul style="list-style-type: none"> 6.0.0 7.0.0
Description: The alarm is raised when an LSP primary path is rerouted to the bypass tunnel. The alarm clears when the primary path returns to the original tunnel and the actual hop returns to the primary path.		
Raising condition: ('Bypass Tunnel Active' EQUAL 'true')		
Clearing condition: ('Bypass Tunnel Active' EQUAL 'false')		
Remedial action: There is a problem with the original path, check what is the problem and fix it if possible.		

Table 10-76 LspPathDown

Alarm	Attributes	Applicable major releases
Name: LspPathDown (26) Type: pathAlarm (12) Package: mpls Raised on class: mpls.LspPath	Severity: major Implicitly cleared: true Default probable cause: LspPathDown (20)	<ul style="list-style-type: none"> 6.0.0 7.0.0
Description: The alarm is raised when an LSP path is operationally down.		
Raising condition: (('Administrative' EQUAL 'Up') AND ('Operational' NOT EQUAL 'Up') AND ('Type' EQUAL 'Standby'))		
Clearing condition: (('Operational' EQUAL 'Up') OR ('Administrative' NOT EQUAL 'Up') OR ('Type' EQUAL 'Secondary'))		
Remedial action: Check the failure code and update accordingly, e.g. whether MPLS/RSVP interfaces, OSPF interfaces are down.		

Table 10-77 LSRPATHDown

Alarm	Attributes	Applicable major releases
Name: LSRPATHDown (4898) Type: pathAlarm (12) Package: mplstp Raised on class: mplstp.TPLSRPath	Severity: critical Implicitly cleared: true Default probable cause: LSRPATHDown (1955)	<ul style="list-style-type: none"> 6.0.0 7.0.0
Description: The alarm is raised when the TP LSR Path Administrative State is Up and the Operational State is Down. The alarm clears when the TP LSR Path Operational State changes to Up or the Administrative State changes to Down.		
Raising condition: (('Administrative' EQUAL 'Up') AND ('Operational' NOT EQUAL 'Up'))		
Clearing condition: (('Operational' EQUAL 'Up') OR ('Administrative' NOT EQUAL 'Up'))		
Remedial action: The Operational state of the TP LSR Path is down, despite the Administrative state being up. Review the configuration and make sure that the Administrative state is up, the forward and reverse labels are set and the Out-Link interface is operationally up.		

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Table 10-78 macMoveRateExceeded (service)

Alarm	Attributes	Applicable major releases
Name: macMoveRateExceeded (3690) Type: accessInterfaceAlarm (40) Package: service Raised on class: service.AccessInterface	Severity: minor Implicitly cleared: true Default probable cause: MacMoveRateExceeded (1429)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0
Description: The alarm is raised when the SAP exceeds the MAC Move Frequency of the service site.		
Raising condition: ('State Cause'anyBit'Relearn Limit Exceeded')		
Clearing condition: NOT (('State Cause'anyBit'Relearn Limit Exceeded'))		
Remedial action: Informational.		

Table 10-79 macMoveRateExceeded (svt)

Alarm	Attributes	Applicable major releases
Name: macMoveRateExceeded (3690) Type: SpokeSdpBindingAlarm (104) Package: svt Raised on class: svt.SpokeSdpBinding	Severity: minor Implicitly cleared: true Default probable cause: MacMoveRateExceeded (1429)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0
Description: The alarm is raised when the SDP exceeds the Service Site's MAC Move Frequency.		
Raising condition: ('operationalFlags'anyBit'Relearn Limit Exceeded')		
Clearing condition: NOT (('operationalFlags'anyBit'Relearn Limit Exceeded'))		
Remedial action: Check Service Site MAC move frequency or underlying physical link to understand issue.		

Table 10-80 macMoveRateExceededNonBlock (service)

Alarm	Attributes	Applicable major releases
Name: macMoveRateExceededNonBlock (4893) Type: accessInterfaceAlarm (40) Package: service Raised on class: service.AccessInterface	Severity: info Implicitly cleared: true Default probable cause: MacMoveRateExceededNonBlock (1951)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0
Description: The alarm is raised when the SAP exceeds the MAC Move Frequency of the service site when limitMacMove(sapTIsLimitMacMove) is set to 'nonBlocking'.		
Raising condition: ('State Cause'anyBit'Relearn Limit Exceeded')		
Clearing condition: NOT (('State Cause'anyBit'Relearn Limit Exceeded'))		
Remedial action: Informational - User can adjust the value of 'MAC Move Maximum Rate' to reduce the frequency of this alarm.		

Table 10-81 macMoveRateExceededNonBlock (svt)

Alarm	Attributes	Applicable major releases
Name: macMoveRateExceededNonBlock (4893) Type: SpokeSdpBindingAlarm (104) Package: svt Raised on class: svt.SpokeSdpBinding	Severity: info Implicitly cleared: true Default probable cause: MacMoveRateExceededNonBlock (1951)	<ul style="list-style-type: none"> 6.0.0 7.0.0
Description: The alarm is raised when the SDP exceeds the Service Site's MAC Move Frequency even when limitMacMove(sdpBindTIsLimitMacMove) is set to 'nonBlocking'.		
Raising condition: ('operationalFlags'anyBit'Relearn Limit Exceeded')		
Clearing condition: NOT (('operationalFlags'anyBit'Relearn Limit Exceeded'))		
Remedial action: Informational - User can adjust the value of 'MAC Move Maximum Rate' to reduce the frequency of this alarm.		

Table 10-82 MCLagDown (lag)

Alarm	Attributes	Applicable major releases
Name: MCLagDown (394) Type: equipmentAlarm (3) Package: lag Raised on class: lag.MultiChassisLagSpecifics	Severity: critical Implicitly cleared: true Default probable cause: mCLagDown (295)	<ul style="list-style-type: none"> 6.0.0 7.0.0
Description: The alarm is raised when all ports in an MC LAG are operationally down.		
Raising condition: (('administrativeState' EQUAL 'Up') AND ('operationalState' NOT EQUAL 'Up'))		
Clearing condition: (('operationalState' EQUAL 'Up') OR ('administrativeState' NOT EQUAL 'Up'))		
Remedial action: This alarm indicates that all physical Ethernet links associated with a LAG are operationally down. The reasons for the links to be down may vary from link to link. The following possible causes of this alarm should be investigated. The physical port (near end or far end may have failed - this can be remedied by replacing the interface card in question. The physical links may have been turned down administratively - re-enable the links. A cable failure or disconnect may have occurred - please ensure that the cables are properly connected to the physical port and and that the cable has not been damaged.		

Table 10-83 MCLagDown (multichassis)

Alarm	Attributes	Applicable major releases
Name: MCLagDown (394) Type: equipmentAlarm (3) Package: multichassis Raised on class: multichassis.MultiChassisLagPeerSpecifics	Severity: critical Implicitly cleared: true Default probable cause: mCLagDown (295)	<ul style="list-style-type: none"> 6.0.0 7.0.0
Description: The alarm is raised when all ports in an MC LAG are operationally Down.		
Raising condition: (('Administrative State' EQUAL 'Up') AND ('Operational State' NOT EQUAL 'Up'))		
Clearing condition: (('Operational State' EQUAL 'Up') OR ('Administrative State' NOT EQUAL 'Up'))		

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Alarm	Attributes	Applicable major releases
Remedial action: This alarm indicates that all physical Ethernet links associated with a LAG are operationally down. The reasons for the links to be down may vary from link to link. The following possible causes of this alarm should be investigated. The physical port (near end or far end may have failed - this can be remedied by replacing the interface card in question. The physical links may have been turned down administratively - re-enable the links. A cable failure or disconnect may have occurred - please ensure that the cables are properly connected to the physical port and and that the cable has not been damaged.		

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Table 10-84 MepAISReceivedAlarm

Alarm	Attributes	Applicable major releases
Name: MepAISReceivedAlarm (2945) Type: oamAlarm (18) Package: ethernetToam Raised on class: ethernetToam.Mep	Severity: variable Implicitly cleared: true Default probable cause: missingRemoteMep (388)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0
Description: The alarm is raised when a MEP receives AIS test frames from one or more of its sub-layer MEPs.		
Raising condition: (('AIS Received (AisRx)' EQUAL 'true') AND ('Facility VLAN ID' EQUAL '0'))		
Clearing condition: ('AIS Received (AisRx)' EQUAL 'false')		
Remedial action: This alarm indicates that it has received a MEP fault from a sub-layer MEP, user should investigate the fault cause on the sub-layer MEP and resolve this root cause issue.		

Table 10-85 MobileConnectorDown

Alarm	Attributes	Applicable major releases
Name: MobileConnectorDown (1064) Type: EpcAlarm (59) Package: Iteservice Raised on class: Iteservice.MobileServiceConnector	Severity: minor Implicitly cleared: true Default probable cause: EpcDown (519)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0
Description: The alarm is raised when the 5620 SAM no longer manages the EPS path instance of this mobile service site. As a result, the service must be regenerated.		
Raising condition: ('EPS Path' EQUAL "")		
Clearing condition: ('EPS Path' NOT EQUAL "")		
Remedial action: The underlying transport network has gone down resulting in the deletion of a mobile service connector (EPS path). Correct the issue with the transport network and regenerate the mobile service connector by clicking on the re-calculate button on the mobile service properties form.		

Table 10-86 MplsDown

Alarm	Attributes	Applicable major releases
Name: MplsDown (27) Type: ProtocolAlarm (1) Package: mpls Raised on class: mpls.Site	Severity: critical Implicitly cleared: true Default probable cause: protocolDown (1)	<ul style="list-style-type: none"> 6.0.0 7.0.0
Description: The alarm is raised when an MPLS site has an Operational State other than Up, and the Administrative State is Up.		
Raising condition: (('Administrative State' EQUAL 'Up') AND ('Operational State' NOT EQUAL 'Up'))		
Clearing condition: (('Operational State' EQUAL 'Up') OR ('Administrative State' NOT EQUAL 'Up'))		
Remedial action: Check operational down reason and update accordingly.		

Table 10-87 MplsPathUpdateFailed

Alarm	Attributes	Applicable major releases
Name: MplsPathUpdateFailed (1066) Type: pathAlarm (12) Package: mpls Raised on class: mpls.LspPath	Severity: major Implicitly cleared: true Default probable cause: mbbRetryExceeded (804) Applicable probable causes: <ul style="list-style-type: none"> mbbRetryExceeded lspPathGoingDown startingHighPriMbb restartingMbb highPriMbbInProg 	<ul style="list-style-type: none"> 6.0.0 7.0.0
Description: The alarm is raised when an MPLS path update fails because of an MBB problem. The alarm clears when the MBB status changes to Successful.		
Raising condition: (('mbbStatus' NOT EQUAL 'None') AND ('mbbStatus' NOT EQUAL 'Successful'))		
Clearing condition: (('Last Performed State' EQUAL 'Success') OR ('Administrative' EQUAL 'Down') OR (('Operational' EQUAL 'Up') AND ('Last Performed State' EQUAL 'None'))		
Remedial action: Based on the probable cause, change the parameters and update the path again.		

Table 10-88 MvrConfiguredFromVplsNotExist

Alarm	Attributes	Applicable major releases
Name: MvrConfiguredFromVplsNotExist (219) Type: configurationAlarm (11) Package: vpls Raised on classes: <ul style="list-style-type: none"> vpls.L2AccessInterfaceMldMvrCfg vpls.L2AccessInterfaceMvrCfg 	Severity: warning Implicitly cleared: true Default probable cause: MvrConfiguredFromVplsNotExist (164)	<ul style="list-style-type: none"> 6.0.0 7.0.0

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Alarm	Attributes	Applicable major releases
Description: The alarm is raised when an MVR source is an MVR VPLS that does not exist. The alarm clears when the MVR VPLS is created.		
Raising condition: ('fromVplsExists' EQUAL 'false')		
Clearing condition: (('fromVplsExists' EQUAL 'true') OR ('fromVplsId' EQUAL '0L'))		
Remedial action: Create the missing MVR VPLS.		

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Table 10-89 MvrConfiguredProxySapNotExist

Alarm	Attributes	Applicable major releases
Name: MvrConfiguredProxySapNotExist (220) Type: configurationAlarm (11) Package: vpls Raised on classes: <ul style="list-style-type: none"> • vpls.L2AccessInterfaceMldMvrCfg • vpls.L2AccessInterfaceMvrCfg 	Severity: warning Implicitly cleared: true Default probable cause: MvrConfiguredProxySapNotExist (165)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0
Description: The alarm is raised when a configured MVR proxy SAP does not exist. The alarm clears when the proxy SAP is created.		
Raising condition: ('proxySapExists' EQUAL 'false')		
Clearing condition: ('proxySapExists' EQUAL 'true')		
Remedial action: Create the missing proxy SAP.		

Table 10-90 MvrSiteDown

Alarm	Attributes	Applicable major releases
Name: MvrSiteDown (162) Type: ProtocolAlarm (1) Package: layer2 Raised on class: layer2.MvrSite	Severity: warning Implicitly cleared: true Default probable cause: protocolDown (1)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0
Description: The alarm is raised when MVR is disabled on an NE and a TLS VLAN or MVR VLAN service is provisioned on the NE.		
Raising condition: ('MVR Admin Status' EQUAL 'Disabled')		
Clearing condition: ('MVR Admin Status' EQUAL 'Enabled')		
Remedial action: To clear the alarm, enable MVR Admin Status under the Bridge Instance.		

Table 10-91 NeighborDown

Alarm	Attributes	Applicable major releases
Name: NeighborDown (121) Type: NeighborDown (20) Package: ospf Raised on class: ospf.AbstractNeighbor	Severity: major Implicitly cleared: true Default probable cause: NeighborDown (103)	<ul style="list-style-type: none"> 6.0.0 7.0.0
Description: The alarm is raised when an OSPF interface neighbor is operationally Down.		
Raising condition: ('Operational State' NOT EQUAL 'full')		
Clearing condition: ('Operational State' EQUAL 'full')		
Remedial action: This alarm is raised when the OSPF interface neighbor is operationally down. The situation may occur if the underlying physical interface is down either because of administrative disabling or a fault on the far end port or due to a cable connection or cable failure. This alarm will also be raised if the underlying transport network fails or is unreliable. Resolving the underlying instability in the transport network will correct this problem.		

Table 10-92 NeManagementAndTrapManagementMismatch

Alarm	Attributes	Applicable major releases
Name: NeManagementAndTrapManagementMismatch (1079) Type: communicationsAlarm (4) Package: netw Raised on class: netw.NetworkElement	Severity: warning Implicitly cleared: true Default probable cause: neManagementChange (817)	<ul style="list-style-type: none"> 6.0.0 7.0.0
Description: This user-defined alarm is raised when the NE configuration is one of the following: - The Active Management IP is set to Out Of Band, and the Primary Route Preference is set to In Band. - The Active Management IP is set to In Band, and the Primary Route Preference is set to Out of Band.		
Raising condition: (((('Active Management IP' EQUAL 'In Band') AND (('Management IP Selection' EQUAL 'In Band Preferred') OR ('Management IP Selection' EQUAL 'In Band Only'))) AND ('Primary Route Preference' EQUAL 'Out Of Band') AND ('Secondary Route Preference' EQUAL 'In Band')) OR (('Active Management IP' EQUAL 'Out Of Band') AND (('Management IP Selection' EQUAL 'Out Of Band Preferred') OR ('Management IP Selection' EQUAL 'Out Of Band Only'))) AND ('Primary Route Preference' EQUAL 'In Band') AND ('Secondary Route Preference' EQUAL 'Out Of Band'))		
Clearing condition: (((('Active Management IP' EQUAL 'In Band') AND (('Management IP Selection' EQUAL 'In Band Preferred') OR ('Management IP Selection' EQUAL 'In Band Only'))) AND ('Primary Route Preference' EQUAL 'In Band')) OR (('Active Management IP' EQUAL 'Out Of Band') AND (('Management IP Selection' EQUAL 'Out Of Band Preferred') OR ('Management IP Selection' EQUAL 'Out Of Band Only'))) AND ('Primary Route Preference' EQUAL 'Out Of Band'))		
Remedial action: A configuration error has been made which must be corrected. The parameters described in the description for this alarm must match.		

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Table 10-93 NewSsh2ServerKeyDetected

Alarm	Attributes	Applicable major releases
Name: NewSsh2ServerKeyDetected (285) Type: communicationsAlarm (4) Package: security Raised on class: security.KnownHostKey	Severity: warning Implicitly cleared: true Default probable cause: ssh2ServerKeyMismatch (217)	<ul style="list-style-type: none"> 6.0.0 7.0.0
Description: The alarm is raised when a 5620 SAM main server detects a new public SSH key.		
Raising condition: ('SSH2 Server Key Status' EQUAL 'Mismatch SSH2 Host Key')		
Clearing condition: ('SSH2 Server Key Status' EQUAL 'Active SSH2 Host Key')		
Remedial action: Informational - possible security breach. The SSH key of the router is different from the one known to the SAM server.		

Table 10-94 NodeDatabaseFallbackDetected

Alarm	Attributes	Applicable major releases
Name: NodeDatabaseFallbackDetected (2923) Type: communicationsAlarm (4) Package: netw Raised on class: netw.NetworkElement	Severity: major Implicitly cleared: true Default probable cause: nodeDatabaseFallback (1121)	<ul style="list-style-type: none"> 6.0.0 7.0.0
Description: The alarm is raised when a configuration fallback is detected on the node and comes back up with a previous configuration. To correct this situation it might be necessary to reconfigure the node, or perform full resync its database with the 'fallback' configuration returned by the node.		
Raising condition: ('State' EQUAL 'Node Configuration Fallback')		
Clearing condition: ('State' EQUAL 'Managed')		
Remedial action: the NE has come back to a previous configuration. Perform a manual Full Resync or a Reconfigure of the NE		

Table 10-95 NodeDatabaseMisalignmentDetected

Alarm	Attributes	Applicable major releases
Name: NodeDatabaseMisalignmentDetected (2924) Type: communicationsAlarm (4) Package: netw Raised on class: netw.NetworkElement	Severity: major Implicitly cleared: true Default probable cause: nodeDatabaseMisalignment (1122)	<ul style="list-style-type: none"> 6.0.0 7.0.0
Description: The alarm is raised when a configuration misalignment has been detected on the node and comes back up with an unexpected configuration (configuration change triggered by external tool) To correct this situation it might be necessary to reconfigure the node with the 5620 SAM's old configuration or accept the new configuration received from the node.		
Raising condition: ('State' EQUAL 'Node Configuration Misalignment')		
Clearing condition: ('State' EQUAL 'Managed')		
Remedial action: the NE configuration is misaligned. Perform a resync in order to update SAM configuration according to the NE.		

Table 10-96 NodeSuspended

Alarm	Attributes	Applicable major releases
Name: NodeSuspended (5123) Type: communicationsAlarm (4) Package: netw Raised on class: netw.NetworkElement	Severity: critical Implicitly cleared: true Default probable cause: NodeSuspend (2057)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0
Description: The alarm is raised when the 5620 SAM detects an NE moved to suspend state as per user request.		
Raising condition: ('SNMP Reachability' EQUAL 'Suspended')		
Clearing condition: ('SNMP Reachability' NOT EQUAL 'Suspended')		
Remedial action: This alarm is raised when user suspends the network element. The alarm will be cleared when the network element is managed back.		

Table 10-97 NTPOperDown

Alarm	Attributes	Applicable major releases
Name: NTPOperDown (4879) Type: communicationsAlarm (4) Package: ntp Raised on class: ntp.NTP	Severity: info Implicitly cleared: true Default probable cause: NTPOperDown (1943)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0
Description: The alarm is generated when the NTP Operational State is down for NTP.		
Raising condition: (('Operational State' EQUAL 'Down') AND ('NTP State' EQUAL 'Enabled'))		
Clearing condition: (('Operational State' EQUAL 'Up') OR ('NTP State' EQUAL 'Disabled'))		
Remedial action: Please check if NTP is administratively enabled (Admin State in NTP General Tab). If admin state down, enable it to make NTP operationally up.		

Table 10-98 OrphanNodeDetected

Alarm	Attributes	Applicable major releases
Name: OrphanNodeDetected (4866) Type: discoveryControlAlarm (33) Package: netw Raised on class: netw.AdvertisedNode	Severity: major Implicitly cleared: true Default probable cause: nodeNotMangedByAnyEms (1934)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0
Description: The alarm is raised when node is node managed by any EMS after n retries(threshold crossed) it is manually cleared by the operator or when the node is discovered.		
Raising condition: ('State' EQUAL 'Orphan')		
Remedial action: The NE is not managed by any SAM. Add an discovery rule in order to managed it.		

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Table 10-99 OspfInterfaceDown

Alarm	Attributes	Applicable major releases
Name: OspfInterfaceDown (141) Type: OspfInterfaceDown (24) Package: ospf Raised on class: ospf.Interface	Severity: warning Implicitly cleared: true Default probable cause: OspfInterfaceDown (112)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0
Description: The alarm is raised when an OSPF interface is operationally down.		
Raising condition: ('operationalState' EQUAL 'Down')		
Clearing condition: ('operationalState' NOT EQUAL 'Down')		
Remedial action: This alarm is raised when the OSPF interface is operationally down. The situation may occur if the underlying physical interface is down either because of administrative disabling or a fault on the far end port or due to a cable connection or cable failure. This alarm will also be raised if the underlying transport network fails or is unreliable. Resolving the underlying instability in the transport network will correct this problem.		

Table 10-100 OverTemperatureDetected

Alarm	Attributes	Applicable major releases
Name: OverTemperatureDetected (388) Type: environmentalAlarm (2) Package: equipment Raised on class: equipment.Shelf	Severity: major Implicitly cleared: true Default probable cause: equipmentOverheated (5)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0
Description: The alarm is raised when the chassis temperature exceeds the maximum threshold value.		
Raising condition: ('Over Temperature State' EQUAL 'Over')		
Clearing condition: ('Over Temperature State' NOT EQUAL 'Over')		
Remedial action: The NE has detected internal temperatures which are abnormally high. This could be caused by a failed fan unit or one or more dirty fan filters. Replacing the failed unit or filters should resolve the problem. Alternately the environment that the NE is operating in may not be within specifications found in the NE user guides.		

Table 10-101 PartialResyncProblem

Alarm	Attributes	Applicable major releases
Name: PartialResyncProblem (4401) Type: communicationsAlarm (4) Package: netw Raised on class: netw.NetworkElement	Severity: warning Implicitly cleared: true Default probable cause: partialResyncProblem (1578)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0
Description: The alarm is raised when a partial resync on an NE fails. For example, when resyncing only some MIB entries as opposed to a full resync. The periodic reachability test (sysUpTime) is not considered a partial resync, neither is a full resync. However, a PartialResyncProblem alarm can only be reset by a FullResync.		
Raising condition: ('partialResyncStatus' EQUAL 'Partial Resync Failed')		

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Alarm	Attributes	Applicable major releases
Clearing condition: ('partialResyncStatus' EQUAL 'Partial Resync Done')		
Remedial action: Informational - if the alarm persists or is occurring frequently then investigation is required to understand a) why the underlying transport network is unreliable or b) why the NE is too busy to respond to 5620 SAM or c) has SNMP been disabled on the NE.		

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Table 10-102 PeerConnectionDown (bgp)

Alarm	Attributes	Applicable major releases
Name: PeerConnectionDown (2) Type: ProtocolAlarm (1) Package: bgp Raised on class: bgp.Peer	Severity: critical Implicitly cleared: true Default probable cause: connectionDown (2)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0
Description: The alarm is raised when a BGP peer has a Connection State other than Established, and the Administrative State of the BGP peer is Up.		
Raising condition: (('Connection State' NOT EQUAL 'Established') AND ('Administrative State' EQUAL 'Up'))		
Clearing condition: (('Connection State' EQUAL 'Established') OR ('Administrative State' NOT EQUAL 'Up'))		
Remedial action: A mismatch in configuration may have occurred. Check the configuration of both peers to rule out a mismatched configuration.		

Table 10-103 PeerDown (bgp)

Alarm	Attributes	Applicable major releases
Name: PeerDown (1) Type: ProtocolAlarm (1) Package: bgp Raised on class: bgp.Peer	Severity: critical Implicitly cleared: true Default probable cause: protocolDown (1)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0
Description: The alarm is raised when a BGP peer has an Operational State other than Up, and the Administrative State is Up.		
Raising condition: (('Administrative State' EQUAL 'Up') AND ('Operational State' NOT EQUAL 'Up'))		
Clearing condition: (('Operational State' EQUAL 'Up') OR ('Administrative State' NOT EQUAL 'Up'))		
Remedial action: The BGP peer entity is down - administratively disable the BGP peer and re-enable it. If toggling the administrative state does not solve the problem check that the physical interface and network connection to the far end peer are up and operational. If the problem persists please contact Alcatel-Lucent support for assistance.		

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Table 10-104 PeerGroupDown (bgp)

Alarm	Attributes	Applicable major releases
Name: PeerGroupDown (5) Type: ProtocolAlarm (1) Package: bgp Raised on class: bgp.PeerGroup	Severity: critical Implicitly cleared: true Default probable cause: protocolDown (1)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0
Description: The alarm is raised when a BGP peer group has an Operational State other than Up, and the Administrative State is Up.		
Raising condition: (('Administrative State' EQUAL 'Up') AND ('Operational State' NOT EQUAL 'Up'))		
Clearing condition: (('Operational State' EQUAL 'Up') OR ('Administrative State' NOT EQUAL 'Up'))		
Remedial action: The BGP peer group is down - administratively disable the BGP peer group and re-enable it. If the problem persists please contact Alcatel-Lucent support for assistance.		

Table 10-105 PeerLacIngressEgressFault

Alarm	Attributes	Applicable major releases
Name: PeerLacIngressEgressFault (2929) Type: PeerLacAlarm (98) Package: svt Raised on class: svt.SpokeSdpBinding	Severity: minor Implicitly cleared: true Default probable cause: peerPWStatusBitsChanged (1123)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0
Description: The alarm is raised when the Peer Status is Peer LAC Rx Fault and Peer LAC Tx Fault		
Raising condition: (('Peer State Cause'anyBit'Peer LAC Tx Fault') AND ('Peer State Cause'anyBit'Peer LAC Rx Fault'))		
Clearing condition: NOT (('Peer State Cause'anyBit'Peer LAC Tx Fault') AND ('Peer State Cause'anyBit'Peer LAC Rx Fault'))		
Remedial action: One of the following conditions exists on the referenced physical interface which must be corrected. A cable/fiber fault exists which must be corrected - check to ensure that the cable is not faulty and is properly connected. The port is faulty - run diagnostics on the port to determine the nature of the fault. If the problem cannot be resolved swap the card containing the port with a card which is known be functional.		

Table 10-106 PersistentIndexParametersMisconfigured

Alarm	Attributes	Applicable major releases
Name: PersistentIndexParametersMisconfigured (173) Type: configurationAlarm (11) Package: netw Raised on class: netw.NetworkElement	Severity: major Implicitly cleared: true Default probable cause: persistentIndexConfigurationMismatch (136)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0
Description: The alarm is raised when persistence is set to Off in the NE BOF.		
Raising condition: (('Persistent SNMP Indices' EQUAL 'False') OR (('hasRedundantProcessorCards' EQUAL 'true') AND ('Redundant Synchronization Mode' EQUAL 'None'))		

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Alarm	Attributes	Applicable major releases
Clearing condition: (('Persistent SNMP Indices' EQUAL 'True') AND (('hasRedundantProcessorCards' EQUAL 'false') OR ('Redundant Synchronization Mode' NOT EQUAL 'None')))		
Remedial action: A configuration error has occurred that must be corrected. Use the CLI on the NE to enable persistency in the BOF. The discovery process will complete on the next discovery scan. A re-scan can be triggered immediately for the NE from within the discovery manager		

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Table 10-107 PimDown

Alarm	Attributes	Applicable major releases
Name: PimDown (184) Type: ProtocolAlarm (1) Package: pim Raised on class: pim.Site	Severity: critical Implicitly cleared: true Default probable cause: protocolDown (1)	<ul style="list-style-type: none"> 7.0.0
Description: The alarm is raised when a PIM site is administratively Up but operationally Down. The alarm is cleared when the PIM site becomes operationally Up but administratively Down.		
Raising condition: (('Administrative State' EQUAL 'Up') AND ('Operational State' NOT EQUAL 'Up'))		
Clearing condition: (('Operational State' EQUAL 'Up') OR ('Administrative State' NOT EQUAL 'Up'))		
Remedial action: This should never happen. Contact Alcatel-Lucent Customer Support for assistance.		

Table 10-108 PollerProblem

Alarm	Attributes	Applicable major releases
Name: PollerProblem (31) Type: communicationsAlarm (4) Package: netw Raised on class: netw.NetworkElement	Severity: warning Implicitly cleared: true Default probable cause: resyncFailed (24)	<ul style="list-style-type: none"> 6.0.0 7.0.0
Description: The alarm is raised when the 5620 SAM is unable to poll a network object, for example, because of intermittent or no IP connectivity to an NE, incorrect SNMP security parameters, or disabled SNMP on the NE.		
Raising condition: ('Resync Status' EQUAL 'Full Resync Failed')		
Clearing condition: ('Resync Status' EQUAL 'Full Resync Done')		
Remedial action: Informational - if the alarm persists or is occurring frequently then investigation is required to understand a) why the underlying transport network is unreliable or b) why the NE is too busy to respond to 5620 SAM or c) has SNMP been disabled on the NE. Once the issue has been resolved SAM will automatically re-attempt.		

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Table 10-109 PortEtherSymMonSDAlarm

Alarm	Attributes	Applicable major releases
Name: PortEtherSymMonSDAlarm (5662) Type: communicationsAlarm (4) Package: ethernetequipment Raised on class: ethernetequipment.EthernetPortSpecifics	Severity: major Implicitly cleared: true Default probable cause: etherPortSymMonSDThresholdExceededAlarm (2439)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0
Description: The alarm is raised when an Ethernet port Symbol Monitor Failure alarm condition is detected (Signal Degradation Threshold exceeded).		
Raising condition: ('Symbol Alarm Reason' EQUAL 'SD Threshold Exceeded')		
Clearing condition: ('Symbol Alarm Reason' NOT EQUAL 'SD Threshold Exceeded')		
Remedial action: Symbol monitor signal degradation alarm could be cleared by changing/disabling the associated threshold/multiplier values or it is self clearing and will clear once the error rate drops below 1/10th of the configured rate.		

Table 10-110 PortEtherSymMonSFAlarm

Alarm	Attributes	Applicable major releases
Name: PortEtherSymMonSFAlarm (5663) Type: communicationsAlarm (4) Package: ethernetequipment Raised on class: ethernetequipment.EthernetPortSpecifics	Severity: major Implicitly cleared: true Default probable cause: etherPortSymMonSFThresholdExceededAlarm (2440)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0
Description: The alarm is raised when an Ethernet port Symbol Monitor Failure alarm condition is detected (Signal Failure Threshold exceeded).		
Raising condition: ('Symbol Alarm Reason' EQUAL 'SF Threshold Exceeded')		
Clearing condition: ('Symbol Alarm Reason' NOT EQUAL 'SF Threshold Exceeded')		
Remedial action: Symbol monitor signal failure alarm could be cleared by changing/disabling the associated threshold/multiplier values or by taking the port out of service (eg. shutdown, card/mda reset, physical link loss).		

Table 10-111 PowerSupplyFailure

Alarm	Attributes	Applicable major releases
Name: PowerSupplyFailure (633) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.PowerSupplyTray	Severity: critical Implicitly cleared: true Default probable cause: powerSupplyFailure (117)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0
Description: The alarm is raised when a power-supply tray reports a failure. When the alarm is raised during device discovery, a power-supply tray may be out of service. When the alarm is raised while the device is in the managed state, a power-supply tray may be out of service or the AC power shelf has a fault condition. The alarm clears when the status changes to OK.		
Raising condition: (('Power Supply 1 Status' EQUAL 'Not Equipped') OR ('Power Supply 1 Status' EQUAL 'Failed'))		

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Alarm	Attributes	Applicable major releases
Clearing condition: (('Power Supply 1 Status' EQUAL 'OK'))		
Remedial action: Ensure that the NE is properly connected to power. If the problem persists please contact Alcatel-Lucent support for assistance.		

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Table 10-112 PowerSupplyInputFeedDown

Alarm	Attributes	Applicable major releases
Name: PowerSupplyInputFeedDown (5422) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.PowerSupplyTray	Severity: minor Implicitly cleared: true Default probable cause: powerSupplyInputFeedDown (2073)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0
Description: This alarm is generated if any one of the input feeds for a given power supply is not supplying power.		
Raising condition: (('inputFeedStatus' EQUAL 'Input A Down') OR ('inputFeedStatus' EQUAL 'Input B Down') OR (('inputFeedStatus'allBits'Input A Down') AND ('inputFeedStatus'allBits'Input B Down'))		
Clearing condition: ('inputFeedStatus' EQUAL 'None')		
Remedial action: Restore all of the input feeds that are not supplying power.		

Table 10-113 PowerSupplyRemoved

Alarm	Attributes	Applicable major releases
Name: PowerSupplyRemoved (542) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.PowerSupplyTray	Severity: major Implicitly cleared: true Default probable cause: PowerSupplyRemoved (415)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0
Description: The alarm is raised when a chassis power supply is removed.		
Raising condition: ('Power Supply 1 Status' EQUAL 'Not Equipped')		
Clearing condition: ('Power Supply 1 Status' NOT EQUAL 'Not Equipped')		
Remedial action: To recover from this event, the customer is requested to add a new power supply to the system, or change a faulty power supply with a working one.		

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Table 10-114 PrimaryImageBootFailure

Alarm	Attributes	Applicable major releases
Name: PrimaryImageBootFailure (191) Type: configurationAlarm (11) Package: sw Raised on class: sw.CardSoftware	Severity: warning Implicitly cleared: true Default probable cause: bootOptionFileMisconfigured (150)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0
Description: The alarm is raised when the primary software image specified in an NE BOF is unusable.		
Raising condition: (('imageSource' NOT EQUAL 'Primary') AND ('imageSource' NOT EQUAL 'Unknown'))		
Clearing condition: (('imageSource' EQUAL 'Primary') OR ('imageSource' EQUAL 'Unknown'))		
Remedial action: The SW image on the NE may have been inadvertently corrupted. Download a new copy of the SW image to the NE. If the problem persists contact Alcatel-Lucent support for assistance.		

Table 10-115 PrimaryPathLimitReached

Alarm	Attributes	Applicable major releases
Name: PrimaryPathLimitReached (457) Type: resourceAlarm (28) Package: equipment Raised on class: equipment.DaughterCard	Severity: warning Implicitly cleared: true Default probable cause: resourceLimitReached (131)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0
Description: The alarm is raised when the Ingress Multicast Path Management primary path bandwidth limit is reached.		
Raising condition: (('Primary Path Limit Override' > '0') AND ('Primary Path In use' >= (1000 * 'Primary Path Limit Override'))"		
Clearing condition: (('Primary Path Limit Override' > '0') AND ('Primary Path In use' < (1000 * 'Primary Path Limit Override'))"		
Remedial action: Informational - The alarm is raised when the Ingress Multicast Path Management primary path bandwidth limit is reached. This can be remedied by modifying the primary path limit located at T1 Paths tab of the multicast bandwidth policy which assigned to the card, or increase the primary path limit override located at the Daughter Card tab under Daughter Card Slot form.		

Table 10-116 PTPNotQualified

Alarm	Attributes	Applicable major releases
Name: PTPNotQualified (3611) Type: communicationsAlarm (4) Package: sonet Raised on class: sonet.SiteSync	Severity: minor Implicitly cleared: true Default probable cause: PTPNotQualified (1400)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0
Description: The alarm is raised when PTP on an NE is not in the Qualified state.		
Raising condition: (('Qualified For Use' EQUAL 'Not Qualified'))		
Clearing condition: (('Qualified For Use' NOT EQUAL 'Not Qualified'))		
Remedial action: Check the communication path is up between the local PTP slave clock and its selected master		

Table 10-117 PTPReferenceLossOfSignal

Alarm	Attributes	Applicable major releases
Name: PTPReferenceLossOfSignal (3613) Type: communicationsAlarm (4) Package: sonet Raised on class: sonet.SiteSync	Severity: minor Implicitly cleared: true Default probable cause: PTPReferenceLossOfSignal (1402)	<ul style="list-style-type: none"> 6.0.0 7.0.0
Description: The alarm is raised when the PTP reference on an NE is not qualified due to Loss of Signal.		
Raising condition: (('Not Qualified Due To'anyBit'LOS'))		
Clearing condition: NOT (('Not Qualified Due To'anyBit'LOS'))		
Remedial action: Check the communication path is up between the local PTP slave clock and its selected master		

Table 10-118 PTPReferenceOutOfFrequency

Alarm	Attributes	Applicable major releases
Name: PTPReferenceOutOfFrequency (3614) Type: communicationsAlarm (4) Package: sonet Raised on class: sonet.SiteSync	Severity: minor Implicitly cleared: true Default probable cause: PTPReferenceOutOfFrequency (1403)	<ul style="list-style-type: none"> 6.0.0 7.0.0
Description: The alarm is raised when the PTP Reference on an NE is not qualified due to Out of frequency.		
Raising condition: (('Not Qualified Due To'anyBit'OOF'))		
Clearing condition: NOT (('Not Qualified Due To'anyBit'OOF'))		
Remedial action: Make sure that frequency configured for Reference One is correct.		

Table 10-119 PTPReferenceOutOfPollInRange

Alarm	Attributes	Applicable major releases
Name: PTPReferenceOutOfPollInRange (3615) Type: communicationsAlarm (4) Package: sonet Raised on class: sonet.SiteSync	Severity: minor Implicitly cleared: true Default probable cause: PTPReferenceOutOfPollInRange (1404)	<ul style="list-style-type: none"> 6.0.0 7.0.0
Description: The alarm is raised when the PTP Reference on an NE is not qualified state due to Out of poll in range.		
Raising condition: (('Not Qualified Due To'anyBit'OOPIR'))		
Clearing condition: NOT (('Not Qualified Due To'anyBit'OOPIR'))		
Remedial action: If there is packet flow, the PTP slave clock is in it's initial acquiring states where the sync-if-timing reference does not qualify just wait.		

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Table 10-120 RadiusOperStatusDown

Alarm	Attributes	Applicable major releases
Name: RadiusOperStatusDown (3692) Type: radiusOperStatusDownAlarm (105) Package: netw Raised on class: netw.NetworkElement	Severity: critical Implicitly cleared: true Default probable cause: radiusOperationStatusDown (1431)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0
Description: The alarm is raised when all RADIUS servers have gone down.		
Raising condition: ('Global RADIUS Operational State' EQUAL 'Down')		
Clearing condition: ('Global RADIUS Operational State' EQUAL 'Up')		
Remedial action: Verify the RADIUS server is properly configured and radius server state is up. Check the connectivity between SAM server and radius server configured on the Network element.		

Table 10-121 ReachabilityProblem

Alarm	Attributes	Applicable major releases
Name: ReachabilityProblem (243) Type: communicationsAlarm (4) Package: netw Raised on class: netw.NetworkElement	Severity: major Implicitly cleared: true Default probable cause: ReachabilityTestFailed (176)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0
Description: The alarm is raised when a mediation poll of the SysUpTimeAlarm object on an NE fails, for example, because of network congestion or because the NE is too busy to respond. The probable cause is an unreachable NE Mediation agent on the NE. The polling interval depends on the NE type and is configurable in nms-server.xml. By default, the 5620 SAM polls a managed NE every four minutes. If a poll fails, the alarm is raised. The alarm clears when the 5620 SAM receives a response from the NE, and the 5620 SAM GUI icon that represents the NE turns from red to green.		
Raising condition: ('SNMP Reachability' EQUAL 'Down')		
Remedial action: Informational - if the alarm persists or is occurring frequently then investigation is required to understand a) why the underlying transport network is unreliable or b) why the NE is too busy to respond to 5620 SAM or c) has SNMP been disabled on the NE. Once the issue has been resolved SAM will automatically re-attempt.		

Table 10-122 ReconfigFailure

Alarm	Attributes	Applicable major releases
Name: ReconfigFailure (1949) Type: communicationsAlarm (4) Package: netw Raised on class: netw.NetworkElement	Severity: critical Implicitly cleared: true Default probable cause: failedReconfig (937)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0
Description: This alarm is raised when the reconfig action failed.		
Raising condition: ('State' EQUAL 'Failed')		
Clearing condition: ('State' NOT EQUAL 'Failed')		

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Alarm	Attributes	Applicable major releases
Remedial action: Verify that the object is configured as expected.		

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Table 10-123 RedundantMepMisconfiguration

Alarm	Attributes	Applicable major releases
Name: RedundantMepMisconfiguration (3631) Type: oamAlarm (18) Package: ethernetToam Raised on class: ethernetToam.Mep	Severity: minor Implicitly cleared: true Default probable cause: misconfiguredRedundantMep (1416)	<ul style="list-style-type: none"> 6.0.0 7.0.0
Description: The alarm is raised when an Active and Redundant MEP do not have the same ID, Operational MAC Address or Sub Group configured.		
Raising condition: ('validRedundantMepConfig' EQUAL 'false')		
Clearing condition: ('validRedundantMepConfig' EQUAL 'true')		
Remedial action: MC-LAG redundant MEP configuration (MEP ID or Mac Address) for Active & Standby Interfaces do not match, this could cause issues with CFM or CCM tests if Active interface changes. Delete and Re-create Standby MEP to match Active.		

Table 10-124 RedundantMepMissing

Alarm	Attributes	Applicable major releases
Name: RedundantMepMissing (3632) Type: oamAlarm (18) Package: ethernetToam Raised on class: ethernetToam.Mep	Severity: minor Implicitly cleared: true Default probable cause: missingRedundantMep (1417)	<ul style="list-style-type: none"> 6.0.0 7.0.0
Description: The alarm is raised when a MEP misses a redundant counterpart on LAG or SAP.		
Raising condition: (('MC-LAG Inactive' NOT EQUAL 'Not Applicable') AND ('Redundant MEP' EQUAL '\'))		
Clearing condition: (('MC-LAG Inactive' EQUAL 'Not Applicable') OR (('MC-LAG Inactive' NOT EQUAL 'Not Applicable') AND ('Redundant MEP' NOT EQUAL '\')))		
Remedial action: MC-LAG redundant MEP is missing Active & Standby Interfaces, this will cause issues with CFM or CCM tests if Active interface changes. Create missing Active/Standby MEP to match existing.		

Table 10-125 RemoteMepCCMAAlarm

Alarm	Attributes	Applicable major releases
Name: RemoteMepCCMAAlarm (502) Type: oamAlarm (18) Package: ethernetOam Raised on class: ethernetOam.Mep	Severity: major Implicitly cleared: true Default probable cause: missingRemoteMep (388)	<ul style="list-style-type: none"> 6.0.0 7.0.0
Description: The alarm is raised when a MEP loses connectivity with one or more remote MEPs. The Remote MEP DB State tab on a MEP lists the missing remote MEPs.		
Raising condition: ('High-Priority Defect' NOT EQUAL '0')		
Clearing condition: ('High-Priority Defect' EQUAL '0')		
Remedial action: MEP has lost communication with Remote MEP defined in Maintenance Association (MEG) Remote MEP list, Either Remote MEP list is incorrect or diagnose connection fault and resolve.		

Table 10-126 RouteDistinguisherNotConfigured

Alarm	Attributes	Applicable major releases
Name: RouteDistinguisherNotConfigured (142) Type: configurationAlarm (11) Package: I3fwd Raised on class: I3fwd.ServiceSite	Severity: major Implicitly cleared: true Default probable cause: routeDistinguisherNotConfigured (113)	<ul style="list-style-type: none"> 6.0.0 7.0.0
Description: The alarm is raised when no RD is configured for an L3 service site.		
Raising condition: ('routeDistinguisher' EQUAL "\00 00 00 00 00 00 00")		
Clearing condition: ('routeDistinguisher' NOT EQUAL "\00 00 00 00 00 00 00")		
Remedial action: A configuration error has occurred which must be corrected. The RD must be configured on the L3 Service Site in question.		

Table 10-127 RsvpDown

Alarm	Attributes	Applicable major releases
Name: RsvpDown (74) Type: ProtocolAlarm (1) Package: rsvp Raised on class: rsvp.Site	Severity: critical Implicitly cleared: true Default probable cause: protocolDown (1)	<ul style="list-style-type: none"> 6.0.0 7.0.0
Description: The alarm is raised when an RSVP site has an Operational State other than Up, and the Administrative State is Up.		
Raising condition: (('Administrative State' EQUAL 'Up') AND ('Operational State' NOT EQUAL 'Up'))		
Clearing condition: (('Operational State' EQUAL 'Up') OR ('Administrative State' NOT EQUAL 'Up'))		
Remedial action: The RSVP Site is down while it is administratively up. Please check MPLS is enabled and administratively up.		

Table 10-128 SaveConfigFailed

Alarm	Attributes	Applicable major releases
Name: SaveConfigFailed (105) Type: configurationAlarm (11) Package: sw Raised on class: sw.BackupRestoreManager	Severity: major Implicitly cleared: true Default probable cause: fileAccessError (90)	<ul style="list-style-type: none"> 6.0.0 7.0.0
Description: The alarm is raised when the admin save command on an NE fails.		
Raising condition: ('Config Save State' EQUAL 'Failure')		
Clearing condition: ('Config Save State' EQUAL 'Success')		
Remedial action: Attempt the admin save command a second time. If the problem persists please contact Alcatel-Lucent support for assistance.		

Table 10-129 ScheduledPollerProblem

Alarm	Attributes	Applicable major releases
Name: ScheduledPollerProblem (4386) Type: communicationsAlarm (4) Package: netw Raised on class: netw.NetworkElement	Severity: warning Implicitly cleared: true Default probable cause: scheduledResyncFailed (1569)	<ul style="list-style-type: none"> 6.0.0 7.0.0
Description: The alarm is raised when the 5620 SAM is unable to poll a network object, for example, because of intermittent or no IP connectivity to an NE, incorrect SNMP security parameters, or disabled SNMP on the NE.		
Raising condition: ('Scheduled Resync Status' EQUAL 'Scheduled Resync Failed')		
Clearing condition: ('Scheduled Resync Status' EQUAL 'Scheduled Resync Done')		
Remedial action: Informational - if the alarm persists or is occurring frequently then investigation is required to understand a) why the underlying transport network is unreliable or b) why the NE is too busy to respond to 5620 SAM or c) has SNMP been disabled on the NE. Once the issue has been resolved SAM will automatically re-attempt.		

Table 10-130 SdpBindingDown

Alarm	Attributes	Applicable major releases
Name: SdpBindingDown (221) Type: SdpBindingAlarm (30) Package: svt Raised on class: svt.SdpBinding	Severity: critical Implicitly cleared: true Default probable cause: SdpBindingNotReady (166)	<ul style="list-style-type: none"> 6.0.0 7.0.0
Description: The alarm is raised when an SDP binding has an Operational State other than Up.		
Raising condition: (('Operational State' NOT EQUAL 'Up') AND ('State Cause' NOT EQUAL 'Standby For BGP Multi-Homing'))		
Clearing condition: (('Operational State' EQUAL 'Up') OR ('State Cause' EQUAL 'Standby For BGP Multi-Homing'))		

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Alarm	Attributes	Applicable major releases
Remedial action: To resolve this alarm check the SDP binding to determine if a configuration mismatch exists. If configuration is determined to be correct then the associated network interface may be down. Further investigation is required to determine why the underlying network interface is down.		

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Table 10-131 SdpBindingTunnelDown

Alarm	Attributes	Applicable major releases
Name: SdpBindingTunnelDown (222) Type: CircuitAlarm (17) Package: svt Raised on class: svt.SdpBinding	Severity: critical Implicitly cleared: true Default probable cause: SdpTunnelNotReady (167)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0
Description: The alarm is raised when an SDP binding tunnel has an Operational State other than Up.		
Raising condition: (('Operational State' EQUAL 'Tunnel Not Ready') OR ('Operational State' EQUAL 'Tunnel Down'))		
Clearing condition: (('Operational State' NOT EQUAL 'Tunnel Not Ready') AND ('Operational State' NOT EQUAL 'Tunnel Down'))		
Remedial action: To resolve this alarm check the endpoints of the SDP binding to determine if a configuration mismatch exists. If configuration matches then the underlying network resource between the endpoints of the SDP may be down. Further investigation is required to determine why the underlying transport network is down.		

Table 10-132 SdpEgressIfsNetDomainInConsistent

Alarm	Attributes	Applicable major releases
Name: SdpEgressIfsNetDomainInConsistent (3616) Type: resourceAlarm (28) Package: svt Raised on class: svt.Tunnel	Severity: warning Implicitly cleared: true Default probable cause: sdpEgressIfsNetDomainInConsistent (1405)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0
Description: The alarm is raised when the SDP egress interface's consistency state changes to inconsistent.		
Raising condition: ('Egress Interfaces Consistency State' EQUAL '3')		
Clearing condition: ('Egress Interfaces Consistency State' EQUAL '2')		
Remedial action: To resolve this alarm check egress interfaces of the SDP configuration. If configuration is determined to be correct check underlying physical transport. Further investigation is required.		

Table 10-133 SecondaryPathLimitReached

Alarm	Attributes	Applicable major releases
Name: SecondaryPathLimitReached (458) Type: resourceAlarm (28) Package: equipment Raised on class: equipment.DaughterCard	Severity: warning Implicitly cleared: true Default probable cause: resourceLimitReached (131)	<ul style="list-style-type: none"> 6.0.0 7.0.0
Description: The alarm is raised when the Ingress Multicast Path Management secondary path bandwidth limit is reached.		
Raising condition: (('Secondary Path Limit Override' > '0') AND ('Secondary Path In use' >= (1000 * 'Secondary Path Limit Override'))"		
Clearing condition: (('Secondary Path Limit Override' > '0') AND ('Secondary Path In use' < (1000 * 'Secondary Path Limit Override'))"		
Remedial action: Informational - The alarm is raised when the Ingress Multicast Path Management secondary path bandwidth limit is reached. This can be remedied by modifying the secondary path limit located at T1 Paths tab of the multicast bandwidth policy which assigned to the card, or increase the secondary path limit override located at the Daughter Card tab under Daughter Card Slot form.		

Table 10-134 ServiceSiteDown

Alarm	Attributes	Applicable major releases
Name: ServiceSiteDown (97) Type: serviceAlarm (16) Package: service Raised on class: service.Site	Severity: critical Implicitly cleared: true Default probable cause: siteDown (83)	<ul style="list-style-type: none"> 6.0.0 7.0.0
Description: The alarm is raised when all SAPs on a site are operationally down, or when the service tunnels for the site are operationally down.		
Raising condition: (('Operational State' NOT EQUAL 'Up') AND ('State Cause' NOT EQUAL 'All Spoke SDP Bindings are Standby'))"		
Clearing condition: (('Operational State' EQUAL 'Up') OR ('State Cause' EQUAL 'All Spoke SDP Bindings are Standby'))"		
Remedial action: The network resources (i.e. physical ports for SAPs, or physical ports/LSP) associated with the service site should be examined to determine if/why they are operationally down. The underlying transport network supporting the site may also be unreliable.		

Table 10-135 SessionDown

Alarm	Attributes	Applicable major releases
Name: SessionDown (73) Type: ProtocolAlarm (1) Package: rsvp Raised on class: rsvp.Session	Severity: critical Implicitly cleared: true Default probable cause: interfaceDown (32)	<ul style="list-style-type: none"> 6.0.0 7.0.0
Description: The alarm is raised when an RSVP session is operationally down.		
Raising condition: ('Operational State' EQUAL 'Down')		
Clearing condition: ('Operational State' EQUAL 'Up')		

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Alarm	Attributes	Applicable major releases
Remedial action: Please check the RSVP session path to make sure all associated protocols/interfaces/connections are OK.		

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Table 10-136 ShamLinkDown

Alarm	Attributes	Applicable major releases
Name: ShamLinkDown (665) Type: ShamLinkAlarm (57) Package: ospf Raised on class: ospf.ShamLink	Severity: critical Implicitly cleared: true Default probable cause: ShamLinkDown (492)	<ul style="list-style-type: none"> 7.0.0
Description: The alarm is raised when a sham link is operationally down.		
Raising condition: ('Operational State' EQUAL 'Down')		
Clearing condition: ('Operational State' NOT EQUAL 'Down')		
Remedial action: This alarm is raised when the OSPF sham link is operationally down. The situation may occur if the underlying physical interface is down either because of administrative disabling or a fault on the far end port or due to a cable connection or cable failure. This alarm will also be raised if the underlying transport network fails or is unreliable. Resolving the underlying instability in the transport network will correct this problem.		

Table 10-137 SingleSFMOverloadDetected

Alarm	Attributes	Applicable major releases
Name: SingleSFMOverloadDetected (843) Type: ProtocolAlarm (1) Package: I3fwd Raised on class: I3fwd.Site	Severity: major Implicitly cleared: true Default probable cause: singleSfmOverloadDetected (601)	<ul style="list-style-type: none"> 6.0.0 7.0.0
Description: The alarm is raised when a device reports a single-SFM overload. The alarm clears when the VR exits the Overload state.		
Raising condition: ('Overload State' EQUAL 'Overload')		
Clearing condition: ('Overload State' EQUAL 'Normal')		
Remedial action: Information - if the the problem persists please contact Alcatel-Lucent support for assistance.		

Table 10-138 StatsRetrieveFailed

Alarm	Attributes	Applicable major releases
Name: StatsRetrieveFailed (244) Type: configurationAlarm (11) Package: sw Raised on class: sw.AccountingStatsRetrievalManager	Severity: major Implicitly cleared: false Default probable cause: fileTransferFailure (89)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0
Description: The alarm is raised when the 5620 SAM main or auxiliary server cannot transfer an accounting file from an NE.		
Raising condition: (('Stats Retrieval State' NOT EQUAL 'Success') AND ('Stats Retrieval State' NOT EQUAL 'Not Attempted'))		
Remedial action: Informational - if the alarm persists or is occurring frequently then investigation is required to understand a) why the underlying transport network is unreliable or b) why the NE is too busy or otherwise cannot respond to the 5620 SAM main or auxiliary server.		

Table 10-139 StpExceptionCondition

Alarm	Attributes	Applicable major releases
Name: StpExceptionCondition (297) Type: AccessInterfaceAlarm (32) Package: I2fwd Raised on class: I2fwd.AccessInterfaceStp	Severity: major Implicitly cleared: true Default probable cause: StpException (228)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0
Description: The alarm is raised when a SAP detects an STP exception condition, for example, one-way communication or a downstream loop. The alarm clears when the STP condition changes.		
Raising condition: (('STP Exception Condition' NOT EQUAL 'None') AND ('Administrative State' EQUAL 'Up'))		
Clearing condition: (('STP Exception Condition' EQUAL 'None') OR ('Administrative State' EQUAL 'Down'))		
Remedial action: Check 'STP Exception Condition' field for more details and fix the STP exception.		

Table 10-140 StpRootGuardViolation

Alarm	Attributes	Applicable major releases
Name: StpRootGuardViolation (503) Type: AccessInterfaceAlarm (32) Package: I2fwd Raised on class: I2fwd.AccessInterfaceStp	Severity: warning Implicitly cleared: true Default probable cause: spanningTreeTopologyChanged (331)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0
Description: The alarm is raised when a SAP detects an STP root guard violation.		
Raising condition: ('Root Guard Violation' EQUAL 'true')		
Clearing condition: ('Root Guard Violation' NOT EQUAL 'true')		
Remedial action: Set 'Root Guard' to false if not necessary.		

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Table 10-141 SubscriberSystemNextHopUsageHigh

Alarm	Attributes	Applicable major releases
Name: SubscriberSystemNextHopUsageHigh (5157) Type: thresholdCrossed (6) Package: netw Raised on class: netw.NetworkElement	Severity: minor Implicitly cleared: true Default probable cause: resourceFull (53)	<ul style="list-style-type: none"> 6.0.0 7.0.0
Description: The alarm is raised when the IP next-hop usage by subscriber managed routes reaches its high watermark, cleared when it reaches its low watermark again; the watermarks are derived from the limit specified with the property subSysNextHopLimit.		
Raising condition: ('IP Next Hop Usage High' EQUAL 'true')		
Clearing condition: ('IP Next Hop Usage High' EQUAL 'false')		
Remedial action: The alarm is raised when the IP next-hop usage by subscriber managed routes reaches its high watermark, cleared when it reaches its low watermark again; the watermarks are derived from the limit specified with the property subSysNextHopLimit. There is no immediate effect, but when the usage actually hits the limit, new hosts will not get their managed routes.		

Table 10-142 SubSysChassMemoryUsageHi

Alarm	Attributes	Applicable major releases
Name: SubSysChassMemoryUsageHi (5656) Type: thresholdCrossed (6) Package: equipment Raised on class: equipment.Shelf	Severity: minor Implicitly cleared: true Default probable cause: resourceFull (53)	<ul style="list-style-type: none"> 6.0.0 7.0.0
Description: This alarm is raised when the memory usage by subscriber management on this system or chassis reaches its high watermark ('true').		
Raising condition: ('Memory Usage High' EQUAL 'True')		
Clearing condition: (('Memory Usage High' EQUAL 'False') OR ('Memory Usage High' EQUAL 'unspecified'))		
Remedial action: The memory usage by subscriber management on this system has reached its high watermark. Please check your memory usage.		

Table 10-143 TemperatureThresholdCrossed

Alarm	Attributes	Applicable major releases
Name: TemperatureThresholdCrossed (7) Type: environmentalAlarm (2) Package: equipment Raised on class: equipment.Environment	Severity: major Implicitly cleared: true Default probable cause: equipmentOverheated (5)	<ul style="list-style-type: none"> 6.0.0 7.0.0
Description: The alarm is raised when a temperature crosses a threshold.		
Raising condition: ('temperatureThresholdCrossed' EQUAL 'true')		

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Alarm	Attributes	Applicable major releases
Clearing condition: ('temperatureThresholdCrossed' EQUAL 'false')		
Remedial action: The NE has detected internal temperatures which are abnormally high. This could be caused by a failed fan unit or one or more dirty fan filters. Replacing the failed unit or filters should resolve the problem. Alternately the environment that the NE is operating in may not be within specifications found in the NE user guides.		

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Table 10-144 TmnxEqPortEtherLoopDetected

Alarm	Attributes	Applicable major releases
Name: TmnxEqPortEtherLoopDetected (461) Type: portEtherLoopDetected (48) Package: ethernetequipment Raised on class: ethernetequipment.EthernetPortSpecifics	Severity: major Implicitly cleared: true Default probable cause: HighBer (238)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0
Description: The alarm is raised when a device detects a physical loop on an Ethernet port.		
Raising condition: (('Down When Looped Status' EQUAL 'Loop Detected'))		
Clearing condition: (('Down When Looped Status' EQUAL 'No Loop Detected'))		
Remedial action: An Ethernet port has been mis-cabled - please remove the loopback cable on the port.		

Table 10-145 TPLSPDown

Alarm	Attributes	Applicable major releases
Name: TPLSPDown (4900) Type: pathAlarm (12) Package: mplstp Raised on class: mplstp.TPLsp	Severity: critical Implicitly cleared: true Default probable cause: TPLSPDown (1957)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0
Description: The alarm is raised when the TP LSP Administrative State is Up and the Operational State is Down. The alarm clears when the TP LSP Operational State changes to Up or the Administrative State changes to Down.		
Raising condition: (('Administrative' EQUAL 'Up') AND ('Operational' NOT EQUAL 'Up'))		
Clearing condition: (('Operational' EQUAL 'Up') OR ('Administrative' NOT EQUAL 'Up'))		
Remedial action: The Operational state of the TP LSP is down, despite the Administrative state being up. Review the configuration and make sure that the destination information is set correctly and that the Administrative state is up.		

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Table 10-146 TPLSPATHDown

Alarm	Attributes	Applicable major releases
Name: TPLSPATHDown (4901) Type: pathAlarm (12) Package: mplstp Raised on class: mplstp.TPLspPath	Severity: critical Implicitly cleared: true Default probable cause: TPLSPATHDown (1958)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0
Description: The alarm is raised when the TP LSP Path Administrative State is Up and the Operational State is Down. The alarm clears when the TP LSP Path Operational State changes to Up or the Administrative State changes to Down.		
Raising condition: (('Administrative' EQUAL 'Up') AND ('Operational' NOT EQUAL 'Up'))		
Clearing condition: (('Operational' EQUAL 'Up') OR ('Administrative' NOT EQUAL 'Up'))		
Remedial action: The Operational state of the TP LSP Path is down, despite the Administrative state being up. Review the configuration and make sure that the Administrative state is up, the egress and ingress labels are set and the Out-Link interface is operationally up.		

Table 10-147 TrapDestinationMisconfigured

Alarm	Attributes	Applicable major releases
Name: TrapDestinationMisconfigured (33) Type: configurationAlarm (11) Package: netw Raised on class: netw.NetworkElement	Severity: major Implicitly cleared: true Default probable cause: trapDestinationMisconfigured (26) Applicable probable causes: <ul style="list-style-type: none"> • trapDestinationMisconfigured • duplicateTrapLogId 	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0
Description: The alarm is raised when the 5620 SAM cannot be added to the NE's SNMP trap destinations.		
Raising condition: ('isTrapDestinationMisconfigured' EQUAL 'true')		
Clearing condition: ('isTrapDestinationMisconfigured' EQUAL 'false')		
Remedial action: A configuration error has been made which must be corrected. The SNMP trap destination on the NE must be configured to the IP address of the SAM server.		

Table 10-148 TrapReceivingFailure

Alarm	Attributes	Applicable major releases
Name: TrapReceivingFailure (1083) Type: communications (87) Package: netw Raised on class: netw.NetworkElement	Severity: major Implicitly cleared: false Default probable cause: trapsWillNotBeSent (822)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0

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Alarm	Attributes	Applicable major releases
<p>Description: This user-defined alarm is raised when the NE is unable to send traps because the NE configuration is one of the following: - The Management IP Selection is set to Out Of Band Only, the Primary Route Preference is set to In Band, and the Secondary Route Preference is set to None. - The Management IP Selection is set to In Band Only, the Primary Route Preference is set to Out Of Band, and the Secondary Route Preference is set to None.</p>		
<p>Raising condition: (((('Active Management IP' EQUAL 'In Band') AND ('Management IP Selection' EQUAL 'In Band Only') AND ('Primary Route Preference' EQUAL 'Out Of Band') AND ('Secondary Route Preference' EQUAL 'None')) OR (('Active Management IP' EQUAL 'Out Of Band') AND ('Management IP Selection' EQUAL 'Out Of Band Only') AND ('Primary Route Preference' EQUAL 'In Band') AND ('Secondary Route Preference' EQUAL 'None')) OR (('Active Management IP' EQUAL 'Out Of Band') AND ('Management IP Selection' EQUAL 'In Band Preferred') AND ('Primary Route Preference' EQUAL 'In Band') AND ('Secondary Route Preference' EQUAL 'None')) OR (('Active Management IP' EQUAL 'In Band') AND ('Management IP Selection' EQUAL 'Out Of Band Preferred') AND ('Primary Route Preference' EQUAL 'Out Of Band') AND ('Secondary Route Preference' EQUAL 'None'))))</p>		
<p>Clearing condition: (((('Active Management IP' EQUAL 'In Band') AND ('Management IP Selection' EQUAL 'In Band Only') AND (('Primary Route Preference' EQUAL 'In Band') OR ('Secondary Route Preference' EQUAL 'In Band')) OR (('Active Management IP' EQUAL 'Out Of Band') AND ('Management IP Selection' EQUAL 'Out Of Band Only') AND (('Primary Route Preference' EQUAL 'Out Of Band') OR ('Secondary Route Preference' EQUAL 'Out Of Band')) OR (('Active Management IP' EQUAL 'Out Of Band') AND ('Management IP Selection' EQUAL 'In Band Preferred') AND (('Primary Route Preference' EQUAL 'Out Of Band') OR ('Secondary Route Preference' EQUAL 'Out Of Band')) OR (('Active Management IP' EQUAL 'In Band') AND ('Management IP Selection' EQUAL 'In Band Preferred') AND (('Primary Route Preference' EQUAL 'In Band') OR ('Secondary Route Preference' EQUAL 'In Band')) OR (('Active Management IP' EQUAL 'In Band') AND ('Management IP Selection' EQUAL 'Out Of Band Preferred') AND (('Primary Route Preference' EQUAL 'In Band') OR ('Secondary Route Preference' EQUAL 'In Band')) OR (('Active Management IP' EQUAL 'Out Of Band') AND ('Management IP Selection' EQUAL 'Out Of Band Preferred') AND (('Primary Route Preference' EQUAL 'Out Of Band') OR ('Secondary Route Preference' EQUAL 'Out Of Band'))))</p>		
<p>Remedial action: A configuration error has been made which must be corrected. The configuration error must be corrected per the discussion in the description for this alarm.</p>		

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Table 10-149 TrapRoutePreferenceRedundancyMissing

Alarm	Attributes	Applicable major releases
<p>Name: TrapRoutePreferenceRedundancyMissing (1084) Type: communications (87) Package: netw Raised on class: netw.NetworkElement</p>	<p>Severity: warning Implicitly cleared: true Default probable cause: trapsRedundancyMissing (823)</p>	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0
<p>Description: The user-defined alarm is raised when NE management redundancy is configured without trap route preference redundancy.</p>		
<p>Raising condition: (((('Management IP Selection' EQUAL 'In Band Preferred') AND ('Active Management IP' EQUAL 'In Band') AND ('Primary Route Preference' EQUAL 'In Band') AND ('Secondary Route Preference' EQUAL 'None')) OR (('Management IP Selection' EQUAL 'Out Of Band Preferred') AND ('Active Management IP' EQUAL 'Out Of Band') AND ('Primary Route Preference' EQUAL 'Out Of Band') AND ('Secondary Route Preference' EQUAL 'None'))))</p>		
<p>Clearing condition: (((('Management IP Selection' EQUAL 'In Band Preferred') AND ('Active Management IP' EQUAL 'In Band') AND ('Secondary Route Preference' NOT EQUAL 'None')) OR (('Management IP Selection' EQUAL 'Out Of Band Preferred') AND ('Active Management IP' EQUAL 'Out Of Band') AND ('Secondary Route Preference' NOT EQUAL 'None'))))</p>		
<p>Remedial action: A configuration error has been made which must be corrected. The IP address of the standby SAM server must be configured on the NE in question.</p>		

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Table 10-150 TunnelAdministrativelyDown (mpls)

Alarm	Attributes	Applicable major releases
Name: TunnelAdministrativelyDown (523) Type: pathAlarm (12) Package: mpls Raised on class: mpls.Tunnel	Severity: minor Implicitly cleared: true Default probable cause: tunnelAdministrativelyDown (333)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0
Description: The alarm is raised when the 5620 SAM detects that an MPLS path is administratively down.		
Raising condition: ('Administrative' NOT EQUAL 'Up')		
Clearing condition: ('Administrative' EQUAL 'Up')		
Remedial action: Turn up the corresponding MPLS path.		

Table 10-151 TunnelAdministrativelyDown (svt)

Alarm	Attributes	Applicable major releases
Name: TunnelAdministrativelyDown (523) Type: pathAlarm (12) Package: svt Raised on class: svt.Tunnel	Severity: minor Implicitly cleared: true Default probable cause: tunnelAdministrativelyDown (333)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0
Description: The alarm is raised when the 5620 SAM detects that a service tunnel is administratively down.		
Raising condition: ('administrativeState' NOT EQUAL 'Up')		
Clearing condition: ('administrativeState' EQUAL 'Up')		
Remedial action: Informational - an operator has manually turned down a service tunnel.		

Table 10-152 TunnelDown (mpls)

Alarm	Attributes	Applicable major releases
Name: TunnelDown (30) Type: pathAlarm (12) Package: mpls Raised on class: mpls.Tunnel	Severity: warning Implicitly cleared: true Default probable cause: tunnelDown (23)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0
Description: The alarm is raised when an MPLS path has an Operational State other than Up, and the Administrative State is Up.		
Raising condition: (('Administrative' EQUAL 'Up') AND ('Operational' NOT EQUAL 'Up'))		
Clearing condition: (('Operational' EQUAL 'Up') OR ('Administrative' NOT EQUAL 'Up'))		
Remedial action: Check the network resources along the path.		

Table 10-153 TunnelDown (svt)

Alarm	Attributes	Applicable major releases
Name: TunnelDown (30) Type: pathAlarm (12) Package: svt Raised on class: svt.AbstractTunnel	Severity: critical Implicitly cleared: true Default probable cause: tunnelDown (23)	<ul style="list-style-type: none"> 6.0.0 7.0.0
Description: The alarm is raised when the 5620 SAM detects that a service tunnel is operationally down.		
Raising condition: (('Administrative' EQUAL 'Up') AND ('Operational' NOT EQUAL 'Up'))		
Clearing condition: (('Operational' EQUAL 'Up') OR ('Administrative' NOT EQUAL 'Up'))		
Remedial action: This alarm indicates that a problem has been made in the underlying transport network. If the alarm persists or re-occurs frequently then investigation of the underlying transport issues is warranted.		

Table 10-154 UnidentifiedNode

Alarm	Attributes	Applicable major releases
Name: UnidentifiedNode (1922) Type: communicationsAlarm (4) Package: netw Raised on class: netw.DiscoveredNode	Severity: major Implicitly cleared: true Default probable cause: unidentifiedNode (922)	<ul style="list-style-type: none"> 6.0.0 7.0.0
Description: The alarm is raised when the node being discovered can not be properly identified.		
Raising condition: ('State' EQUAL 'Pending Identification')		
Clearing condition: ('State' NOT EQUAL 'Pending Identification')		
Remedial action: A configuration error has occurred that must be corrected. The eNodeB does not have a system name. The name can be configured by selecting the alarm, opening the associated properties form for the alarmed object and configuring the system name.		

Table 10-155 UnmanageFailed

Alarm	Attributes	Applicable major releases
Name: UnmanageFailed (300) Type: discoveryControlAlarm (33) Package: netw Raised on class: netw.NodeDiscoveryControl	Severity: warning Implicitly cleared: true Default probable cause: unableToDeleteNode (231)	<ul style="list-style-type: none"> 6.0.0 7.0.0
Description: The alarm is raised when an attempt to unmanage an NE fails.		
Raising condition: ('Site State' EQUAL 'Unmanage Failed')		
Clearing condition: ('Site State' NOT EQUAL 'Unmanage Failed')		
Remedial action: Informational - if the alarm persists please contact Alcatel-Lucent support for assistance		

Table 10-156 UpgradedBuildVersionMismatch

Alarm	Attributes	Applicable major releases
Name: UpgradedBuildVersionMismatch (174) Type: configurationAlarm (11) Package: netw Raised on class: netw.NetworkElement	Severity: warning Implicitly cleared: true Default probable cause: upgradedImageNotBooted (137)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0
Description: The alarm is raised when the software version that an NE reports after a software upgrade does not match the version of the software used for the upgrade.		
Raising condition: ('upgradedBuildVersionMismatch' EQUAL 'true')		
Clearing condition: ('upgradedBuildVersionMismatch' EQUAL 'false')		
Remedial action: Informational - if the alarm persists please contact Alcatel-Lucent support for assistance		

Table 10-157 upgradedCardAlarm

Alarm	Attributes	Applicable major releases
Name: upgradedCardAlarm (255) Type: softwareAlarm (19) Package: equipment Raised on class: equipment.Card	Severity: warning Implicitly cleared: true Default probable cause: upgradedCard (194)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0
Description: The alarm is raised when the standby CPM is rebooted and operational after a software upgrade. A device resets an IOM automatically after 120 minutes if the IOM is not manually reset after a CPM upgrade.		
Raising condition: ('operationalState' EQUAL 'Upgrade')		
Clearing condition: ('operationalState' EQUAL 'Up')		
Remedial action: Informational - no corrective action required.		

Table 10-158 VersionConfigRestoreFailed

Alarm	Attributes	Applicable major releases
Name: VersionConfigRestoreFailed (536) Type: configurationAlarm (11) Package: sw Raised on class: sw.BackupRestoreManager	Severity: major Implicitly cleared: true Default probable cause: versionMismatch (405)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0
Description: The alarm is raised when the restore procedure on an NE fails because of a mismatch between the backup file set version and the NE software version.		
Raising condition: ('lastNmsVersionRestoreState' EQUAL 'Failure')		
Clearing condition: ('lastNmsVersionRestoreState' EQUAL 'Success')		
Remedial action: The backup files being restored do not match with the version of node software release. Download a new copy of the SW image to the NE. If the problem persists contact Alcatel-Lucent support for assistance.		

Table 10-159 VirtualLinkDown

Alarm	Attributes	Applicable major releases
Name: VirtualLinkDown (122) Type: VirtualLinkAlarm (21) Package: ospf Raised on class: ospf.VirtualLink	Severity: warning Implicitly cleared: true Default probable cause: VirtualLinkDown (104)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0
Description: The alarm is raised when a virtual link is Down.		
Raising condition: ('Operational State' EQUAL 'Down')		
Clearing condition: ('Operational State' NOT EQUAL 'Down')		
Remedial action: This alarm is raised when the OSPF virtual link is operationally down. The situation may occur if the underlying physical interface is down either because of administrative disabling or a fault on the far end port or due to a cable connection or cable failure. This alarm will also be raised if the underlying transport network fails or is unreliable. Resolving the underlying instability in the transport network will correct this problem.		

Table 10-160 VirtualNeighborDown

Alarm	Attributes	Applicable major releases
Name: VirtualNeighborDown (123) Type: VirtualNeighborDown (22) Package: ospf Raised on classes: <ul style="list-style-type: none"> • ospf.ShamLink • ospf.VirtualLink 	Severity: warning Implicitly cleared: true Default probable cause: VirtualNeighborDown (105)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0
Description: The alarm is raised when a neighbor virtual link is operationally down.		
Raising condition: ('neighborCount' EQUAL '0L')		
Clearing condition: ('neighborCount' NOT EQUAL '0L')		
Remedial action: This alarm is raised when the OSPF neighbor virtual link is operationally down. The situation may occur if the underlying physical interface is down either because of administrative disabling or a fault on the far end port or due to a cable connection or cable failure. This alarm will also be raised if the underlying transport network fails or is unreliable. Resolving the underlying instability in the transport network will correct this problem.		

Table 10-161 WrongCpaaSoftwareVersion

Alarm	Attributes	Applicable major releases
Name: WrongCpaaSoftwareVersion (791) Type: equipmentAlarm (3) Package: netw Raised on class: netw.NetworkElement	Severity: critical Implicitly cleared: true Default probable cause: wrongCpaaSoftwareVersion (559)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0
Description: The alarm is raised when the 7701 CPAA software is the wrong version and requires an upgrade.		
Raising condition: (('Software Version' EQUAL "\"TIMOS-B-3.0.Generic \"") AND ('Chassis Type' EQUAL '7701 CPAA'))		

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Alarm	Attributes	Applicable major releases
Clearing condition: (('Software Version' NOT EQUAL '\TIMOS-B-3.0.Generic \') AND ('Chassis Type' EQUAL '7701 CPAA'))		
Remedial action: The SW version of the CPAA must be upgraded to the version compatible with CPAM version.		

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Table 10-162 XplError

Alarm	Attributes	Applicable major releases
Name: XplError (573) Type: hardwareAnomaly (55) Package: equipment Raised on class: equipment.DaughterCard	Severity: minor Implicitly cleared: true Default probable cause: xplError (443)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0
Description: The alarm is raised when an MDA reports persistent XPL Errors.		
Raising condition: ('Number Of Notifications' NOT EQUAL '0')		
Clearing condition: ('Number Of Notifications' EQUAL '0')		
Remedial action: Informational - if the condition persists then the MDA indicated in the alarm should be replaced.		

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Note – Some alarms that the 5620 SAM can raise against this device may not be listed in this chapter. Associating alarms with specific NE types is an ongoing Alcatel-Lucent effort. If the 5620 SAM raises an alarm against this device type, and the alarm is not described in this chapter, see chapter 41 for information about the alarm.

Table 11-1 AccessInterfaceDown

Alarm	Attributes	Applicable major releases
Name: AccessInterfaceDown (249) Type: AccessInterfaceAlarm (32) Package: service Raised on class: service.AccessInterface	Severity: critical Implicitly cleared: true Default probable cause: interfaceDown (32)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0
Description: The alarm is raised when an L2 or L3 interface operational state is Down. The alarm is not raised against an L2 access interface that is associated with an MC ring or MC LAG in the standby state.		
Raising condition: (('Operational State' NOT EQUAL 'Up') AND ('State Cause' NOT EQUAL 'Standby For MC-Ring') AND ('State Cause' NOT EQUAL 'Standby For MC-Lag') AND ('State Cause' NOT EQUAL 'Standby For BGP Multi-homing'))		
Clearing condition: (('Operational State' EQUAL 'Up') OR ('State Cause' EQUAL 'Standby For MC-Ring') OR ('State Cause' EQUAL 'Standby For MC-Lag') OR ('State Cause' EQUAL 'Standby For BGP Multi-homing'))		
Remedial action: The condition exists because the physical interface is down either because it is administratively disabled, faulty or a cabling fault has occurred. Ensure that the interface is administratively up. Check for a poor cable connection to the port or for a faulty cable/fiber. If neither appears to be the problem run diagnostics on the port to determine if it is faulty.		

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Table 11-2 ActiveAbnormalCondition

Alarm	Attributes	Applicable major releases
Name: ActiveAbnormalCondition (3938) Type: activeAbnormalConditionAlarm (116) Package: netw Raised on class: netw.NetworkElement	Severity: major Implicitly cleared: true Default probable cause: ActiveAbnormalConditionState (1520)	<ul style="list-style-type: none"> 6.0.0 7.0.0
Description: The alarm is an indication for abnormal condition on NE.		
Raising condition: ('abnormalCondition' EQUAL 'true')		
Clearing condition: ('abnormalCondition' EQUAL 'false')		
Remedial action: This alarm is raised when there is a abnormal state indication on NE.		

Table 11-3 AggregatedVFLPortDown

Alarm	Attributes	Applicable major releases
Name: AggregatedVFLPortDown (5436) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.Shelf	Severity: critical Implicitly cleared: true Default probable cause: connectivityIssue (2137)	<ul style="list-style-type: none"> 6.0.0 7.0.0
Description: The alarm is generated when the aggregated virtual fabric link on the virtual chassis slot is down.		
Raising condition: (('Shelf Type' EQUAL '7850') AND ('Total Slots' EQUAL '4') AND ('Virtual Fabric Link State' NOT EQUAL 'Up'))		
Clearing condition: (('Shelf Type' EQUAL '7850') AND ('Total Slots' EQUAL '4') AND ('Virtual Fabric Link State' EQUAL 'Up'))		
Remedial action: The alarm is raised when the aggregated virtual fabric link on the virtual chassis is down. Please check the virtual fabric links for the virtual chassis setup.		

Table 11-4 AGWDiameterPeerDown

Alarm	Attributes	Applicable major releases
Name: AGWDiameterPeerDown (844) Type: EpcAlarm (59) Package: Ite Raised on class: Ite.AGWDiameterPeer	Severity: variable Implicitly cleared: true Default probable cause: EPSPeerDown (602)	<ul style="list-style-type: none"> 6.0.0 7.0.0
Description: The alarm is raised when the path management state of a Diameter peer changes to a state other than Up.		
Raising condition: ('Path Diameter Management State' NOT EQUAL 'Active')		
Clearing condition: ('Path Diameter Management State' EQUAL 'Active')		
Remedial action: A Ga reference point (peer) is operationally down for one of the following reasons: the underlying IP or physical interface is down, the far end peer is down or the underlying transport between this NE and the peer NE is down. To resolve the issue ensure that the IP/physical interface is up, check that the far end peer is operational and check that the underlying transport network is up.		

Table 11-5 AncillaryPathLimitReached

Alarm	Attributes	Applicable major releases
Name: AncillaryPathLimitReached (459) Type: resourceAlarm (28) Package: equipment Raised on class: equipment.DaughterCard	Severity: warning Implicitly cleared: true Default probable cause: resourceLimitReached (131)	<ul style="list-style-type: none"> 6.0.0 7.0.0
Description: The alarm is raised when the Ingress Multicast Path Management ancillary path bandwidth limit is reached.		
Raising condition: (('Ancillary Path Limit Override' > '0') AND ('Ancillary Path In use' >= (1000 * 'Ancillary Path Limit Override'))"		
Clearing condition: (('Ancillary Path Limit Override' > '0') AND ('Ancillary Path In use' < (1000 * 'Ancillary Path Limit Override'))"		
Remedial action: Informational - The alarm is raised when the Ingress Multicast Path Management ancillary path bandwidth limit is reached. This can be remedied by modifying the ancillary path limit located at T1 Paths tab of the multicast bandwidth policy which assigned to the card, or increase the ancillary path limit override located at the Daughter Card tab under Daughter Card Slot form.		

Table 11-6 AreaTypeMismatch

Alarm	Attributes	Applicable major releases
Name: AreaTypeMismatch (38) Type: configurationAlarm (11) Package: ospf Raised on class: ospf.Area	Severity: warning Implicitly cleared: true Default probable cause: areaTypeMisconfigured (34)	<ul style="list-style-type: none"> 6.0.0 7.0.0
Description: The alarm is raised when an OSPF area on one NE is configured as an NSSA and the same OSPF area on another NE is configured as a stub area.		
Raising condition: ('Type Mismatch' EQUAL 'true')		
Clearing condition: ('Type Mismatch' EQUAL 'false')		
Remedial action: A configuration error has been made which must be corrected. The OSPF area type configured for the NE does not match with the same OSPF area configured on another NE. Compare the configuration on the endpoint and correct the mismatch.		

Table 11-7 AsymmetricalConfig (multichassis)

Alarm	Attributes	Applicable major releases
Name: AsymmetricalConfig (295) Type: configurationAlarm (11) Package: multichassis Raised on classes: <ul style="list-style-type: none"> multichassis.AbstractMultiChassisLag multichassis.MultiChassisLagMember multichassis.AbstractMultiChassisPeer 	Severity: major Implicitly cleared: true Default probable cause: asymmetricalConfig (226)	<ul style="list-style-type: none"> 6.0.0 7.0.0
Description: The alarm is raised when there is a peer configuration mismatch that prevents MC operation.		

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Alarm	Attributes	Applicable major releases
Raising condition: ('Config Mismatches' NOT EQUAL '0L')		
Clearing condition: ('Config Mismatches' EQUAL '0L')		
Remedial action: Check configurations on both members to see anything not matched.		

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Table 11-8 AuthKeyConflict (rsvp)

Alarm	Attributes	Applicable major releases
Name: AuthKeyConflict (5188) Type: processingErrorAlarm (81) Package: rsvp Raised on class: rsvp.AuthenticationKey	Severity: warning Implicitly cleared: true Default probable cause: AuthKeyConflict (2103)	<ul style="list-style-type: none"> 7.0.0
Description: The alarm is raised when both Authentication Key and RSVP Keychain are configured. RSVP Keychain will be used.		
Raising condition: (('RSVP Keychain' NOT EQUAL '') AND ('enableAuthentication' EQUAL 'true'))		
Clearing condition: (('RSVP Keychain' EQUAL '') OR ('enableAuthentication' NOT EQUAL 'true'))		
Remedial action: Authentication Key and RSVP Keychain are both configured. RSVP Keychain will be used. The alarm is cleared when only one is configured.		

Table 11-9 AuxiliaryServerStatus

Alarm	Attributes	Applicable major releases
Name: AuxiliaryServerStatus (311) Type: communicationsAlarm (4) Package: server Raised on class: server.AuxiliaryServer	Severity: critical Implicitly cleared: true Default probable cause: systemFailed (144)	<ul style="list-style-type: none"> 6.0.0 7.0.0
Description: The alarm is raised when a 5620 SAM main server cannot communicate with an auxiliary server. The alarm clears when communication is restored.		
Raising condition: ('Server Status' EQUAL 'Down')		
Clearing condition: ('Server Status' EQUAL 'Up')		
Remedial action: Informational - if the alarm persists or is occurring frequently then investigation is required to understand why the connectivity between the AUX and SAM servers is unreliable.		

Table 11-10 BfdInterfaceConnectionBroken

Alarm	Attributes	Applicable major releases
Name: BfdInterfaceConnectionBroken (3329) Type: serviceAlarm (16) Package: vrrp Raised on class: vrrp.BfdInterface	Severity: minor Implicitly cleared: true Default probable cause: bfdSessionConnectionBroken (593)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0
Description: The alarm is raised when the BFD connection to a peer times out.		
Raising condition: ('Operational State' EQUAL 'Timed Out')		
Clearing condition: ('Operational State' NOT EQUAL 'Timed Out')		
Remedial action: Check the peer router, fix the BFD connection		

Table 11-11 BfdInterfaceConnectionDown

Alarm	Attributes	Applicable major releases
Name: BfdInterfaceConnectionDown (3330) Type: serviceAlarm (16) Package: vrrp Raised on class: vrrp.BfdInterface	Severity: minor Implicitly cleared: true Default probable cause: bfdSessionDown (346)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0
Description: The alarm is raised when the Operational State of a BFD session is Not Connected.		
Raising condition: ('Operational State' NOT EQUAL 'Operational')		
Clearing condition: ('Operational State' EQUAL 'Operational')		
Remedial action: Check the BFD interface configuration, fix the BFD connection		

Table 11-12 BfdInterfaceConnectionPeerDetectsDown

Alarm	Attributes	Applicable major releases
Name: BfdInterfaceConnectionPeerDetectsDown (3331) Type: serviceAlarm (16) Package: vrrp Raised on class: vrrp.BfdInterface	Severity: minor Implicitly cleared: true Default probable cause: bfdSessionConnectionPeerDetectsDown (594)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0
Description: The alarm is raised when a BFD peer detects a connection timeout.		
Raising condition: ('Operational State' EQUAL 'Down')		
Clearing condition: ('Operational State' NOT EQUAL 'Down')		
Remedial action: Fix the BFD connection		

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Table 11-13 BgpDown

Alarm	Attributes	Applicable major releases
Name: BgpDown (6) Type: ProtocolAlarm (1) Package: bgp Raised on class: bgp.Site	Severity: critical Implicitly cleared: true Default probable cause: protocolDown (1)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0
Description: The alarm is raised when a BGP instance has an Operational State other than Up, and the Administrative State is Up.		
Raising condition: (('Administrative State' EQUAL 'Up') AND ('Operational State' NOT EQUAL 'Up'))		
Clearing condition: (('Operational State' EQUAL 'Up') OR ('Administrative State' NOT EQUAL 'Up'))		
Remedial action: The BGP protocol entity is down - administratively disable BGP and re-enable. If the problem persists please contact Alcatel-Lucent support for assistance.		

Table 11-14 BITS2NotQualified

Alarm	Attributes	Applicable major releases
Name: BITS2NotQualified (1941) Type: communicationsAlarm (4) Package: sonet Raised on class: sonet.SiteSync	Severity: minor Implicitly cleared: true Default probable cause: timingReferenceNotQualified (418)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0
Description: The alarm is raised when the BITS-2 timing reference on an NE is not in the Qualified state.		
Raising condition: (('Qualified For Use' EQUAL 'Not Qualified') AND ('Input Administrative State' NOT EQUAL 'Down'))		
Clearing condition: (('Qualified For Use' NOT EQUAL 'Not Qualified') OR ('Input Administrative State' EQUAL 'Down'))		
Remedial action: Make sure that BITS2 is qualified		

Table 11-15 BITSNotQualified

Alarm	Attributes	Applicable major releases
Name: BITSNotQualified (547) Type: communicationsAlarm (4) Package: sonet Raised on class: sonet.SiteSync	Severity: minor Implicitly cleared: true Default probable cause: timingReferenceNotQualified (418)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0
Description: The alarm is raised when the BITS timing reference on an NE is not in the Qualified state.		
Raising condition: (('Qualified For Use' EQUAL 'Not Qualified') AND ('Output Administrative State' NOT EQUAL 'Down'))		
Clearing condition: (('Qualified For Use' NOT EQUAL 'Not Qualified') OR ('Output Administrative State' EQUAL 'Down'))		
Remedial action: Make sure that BITS is qualified		

Table 11-16 BITSReferenceLossOfSignal

Alarm	Attributes	Applicable major releases
Name: BITSReferenceLossOfSignal (1950) Type: communicationsAlarm (4) Package: sonet Raised on class: sonet.SiteSync	Severity: minor Implicitly cleared: true Default probable cause: BITSReferenceLossOfSignal (938)	<ul style="list-style-type: none"> 6.0.0 7.0.0
Description: The alarm is raised when the BITS reference on an NE is not qualified due to Loss of Signal.		
Raising condition: (('Not Qualified Due To'anyBit'LOS'))		
Clearing condition: NOT (('Not Qualified Due To'anyBit'LOS'))		
Remedial action: Make sure that peer connected to BITS is properly configured.		

Table 11-17 BITSReferenceOutOfFrequency

Alarm	Attributes	Applicable major releases
Name: BITSReferenceOutOfFrequency (1951) Type: communicationsAlarm (4) Package: sonet Raised on class: sonet.SiteSync	Severity: minor Implicitly cleared: true Default probable cause: BITSReferenceOutOfFrequency (939)	<ul style="list-style-type: none"> 6.0.0 7.0.0
Description: The alarm is raised when the BITS Reference on an NE is not qualified due to Out of frequency.		
Raising condition: (('Not Qualified Due To'anyBit'OOF'))		
Clearing condition: NOT (('Not Qualified Due To'anyBit'OOF'))		
Remedial action: Make sure that frequency configured for BITS is correct.		

Table 11-18 BITSReferenceOutOfPollInRange

Alarm	Attributes	Applicable major releases
Name: BITSReferenceOutOfPollInRange (1952) Type: communicationsAlarm (4) Package: sonet Raised on class: sonet.SiteSync	Severity: minor Implicitly cleared: true Default probable cause: BITSReferenceOutOfPollInRange (940)	<ul style="list-style-type: none"> 6.0.0 7.0.0
Description: The alarm is raised when the BITS Reference on an NE is not qualified state due to Out of poll in range.		
Raising condition: (('Not Qualified Due To'anyBit'OOPIR'))		
Clearing condition: NOT (('Not Qualified Due To'anyBit'OOPIR'))		
Remedial action: Check the BITS is configured correctly. Check the SONET port is configured correctly and that the physical layer cabling is operating correctly. Call customer support if necessary		

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Table 11-19 BootableConfigBackupFailed

Alarm	Attributes	Applicable major releases
Name: BootableConfigBackupFailed (103) Type: configurationAlarm (11) Package: sw Raised on class: sw.BackupRestoreManager	Severity: major Implicitly cleared: true Default probable cause: fileTransferFailure (89)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0
Description: The alarm is raised when the 5620 SAM fails to back up a set of NE configuration files.		
Raising condition: ('Backup State' EQUAL 'Failure')		
Clearing condition: ('Backup State' EQUAL 'Success')		
Remedial action: Investigation is required to resolve the following possible scenarios: insufficient disk space is available to accommodate the NE configuration files (additional SAM platform alarms will accompany this alarm); the NE is unreachable (including underlying transport network issue); loss of connectivity to the NE during transfer; the FTP daemon on the NE may have stopped; FTP security credential issues.		

Table 11-20 BootableConfigRestoreFailed

Alarm	Attributes	Applicable major releases
Name: BootableConfigRestoreFailed (104) Type: configurationAlarm (11) Package: sw Raised on class: sw.BackupRestoreManager	Severity: major Implicitly cleared: true Default probable cause: fileTransferFailure (89)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0
Description: The alarm is raised when the 5620 SAM fails to restore a set of NE configuration files.		
Raising condition: ('Restore State' EQUAL 'Failure')		
Clearing condition: ('Restore State' EQUAL 'Success')		
Remedial action: Investigation is required to resolve the following possible scenarios: the NE is unreachable (including underlying transport network issue); loss of connectivity to the NE during transfer; the FTP daemon on the NE may have stopped; FTP security credential issues.		

Table 11-21 BootParametersMisconfigured

Alarm	Attributes	Applicable major releases
Name: BootParametersMisconfigured (35) Type: configurationAlarm (11) Package: netw Raised on class: netw.NetworkElement	Severity: critical Implicitly cleared: true Default probable cause: persistentIndexFailure (30) Applicable probable causes: <ul style="list-style-type: none"> • persistentIndexFailure • configFileBootFailure 	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0
Description: The alarm is raised when the SNMP Index Boot Status on an NE is not set to Persistent.		

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Alarm	Attributes	Applicable major releases
Raising condition: ((isGenericNode EQUAL 'false') AND (State NOT EQUAL 'Pre-provisioned') AND (((Config File Status NOT EQUAL 'Executed Successfully') AND (Config File Status NOT EQUAL 'configFileStatus_unspecified')) OR ((Persistent Index Status NOT EQUAL 'Rebuild Succeeded') AND (Persistent Index Status NOT EQUAL 'persistentIndexStatus_unspecified'))))		
Clearing condition: ((Config File Status EQUAL 'Executed Successfully') AND (Persistent Index Status EQUAL 'Rebuild Succeeded'))		
Remedial action: Ensure that "SNMP Index Boot Status" is persistent (using cli command "show system information" on the NE). If not, unmanage the network element from SAM, ensure that "persist on" is set in the bof file, save the bof, save a config file, verify that an index file (.ndx) is saved as well, reboot the router, verify that SNMP Index Boot Status is persistent and finally remanage the router from SAM.		

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Table 11-22 CircuitStpExceptionCondition

Alarm	Attributes	Applicable major releases
Name: CircuitStpExceptionCondition (648) Type: SdpBindingAlarm (30) Package: I2fwd Raised on class: I2fwd.CircuitStp	Severity: major Implicitly cleared: true Default probable cause: StpException (228)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0
Description: The alarm is raised when an NE detects an STP exception condition on a SAP, for example, one-way communication or a downstream loop. The alarm clears when the STP status changes.		
Raising condition: ((STP Exception Condition NOT EQUAL 'None') AND (Administrative State EQUAL 'Up'))		
Clearing condition: ((STP Exception Condition EQUAL 'None') OR (Administrative State EQUAL 'Down'))		
Remedial action: Check 'STP Exception Condition' field for more details and fix the STP exception.		

Table 11-23 ClientDelegateServerStatus

Alarm	Attributes	Applicable major releases
Name: ClientDelegateServerStatus (731) Type: communicationsAlarm (4) Package: server Raised on class: server.ClientDelegateServer	Severity: critical Implicitly cleared: true Default probable cause: systemFailed (144)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0
Description: The alarm is raised when a client delegate server is unreachable.		
Raising condition: (Server Status EQUAL 'Down')		
Clearing condition: (Server Status EQUAL 'Up')		
Remedial action: Informational - if the alarm persists or is occurring frequently then investigation is required to understand why the connectivity between the client delegate platform and SAM servers is unreliable or the client delegate server itself is unreliable.		

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Table 11-24 ContainingEquipmentAdministrativelyDown

Alarm	Attributes	Applicable major releases
Name: ContainingEquipmentAdministrativelyDown (466) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.Port	Severity: minor Implicitly cleared: true Default probable cause: containingEquipmentAdministrativelyDown (330)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0
Description: The alarm is raised when the compositeEquipmentState attribute has a value of containingEquipmentAdministrativelyDown.		
Raising condition: (('Status' EQUAL 'Parent Admin Down') AND ('isTerminatable' EQUAL 'true'))		
Clearing condition: (('Status' NOT EQUAL 'Parent Admin Down') OR ('isTerminatable' NOT EQUAL 'true'))		
Remedial action: Informational - no corrective action required.		

Table 11-25 ContainingEquipmentMismatch

Alarm	Attributes	Applicable major releases
Name: ContainingEquipmentMismatch (464) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.Port	Severity: major Implicitly cleared: true Default probable cause: containingEquipmentMismatch (328)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0
Description: The alarm is raised when the compositeEquipmentState attribute has a value of containingEquipmentMismatch.		
Raising condition: (('Status' EQUAL 'Parent Type Mismatch') AND ('isTerminatable' EQUAL 'true'))		
Clearing condition: (('Status' NOT EQUAL 'Parent Type Mismatch') OR ('isTerminatable' NOT EQUAL 'true'))		
Remedial action: A configuration error has occurred which must be corrected. The card type configured for the slot identified in the alarm must match the installed card type.		

Table 11-26 ContainingEquipmentOperationallyDown

Alarm	Attributes	Applicable major releases
Name: ContainingEquipmentOperationallyDown (465) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.Port	Severity: major Implicitly cleared: true Default probable cause: containingEquipmentDown (329)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0
Description: The alarm is raised when the compositeEquipmentState attribute has a value of containingEquipmentOperationallyDown.		
Raising condition: (('Status' EQUAL 'Parent Oper Down') AND ('isTerminatable' EQUAL 'true'))		
Clearing condition: (('Status' NOT EQUAL 'Parent Oper Down') OR ('isTerminatable' NOT EQUAL 'true'))		

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Alarm	Attributes	Applicable major releases
Remedial action: The operational state of the equipment element indicated in the alarm is down. This may be due to the element's administrative state or it may indicate that the element has failed.		

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Table 11-27 CorruptImageFile

Alarm	Attributes	Applicable major releases
Name: CorruptImageFile (171) Type: configurationAlarm (11) Package: mediation Raised on class: mediation.AbstractSoftwareFolderDescriptor	Severity: critical Implicitly cleared: true Default probable cause: invalidOrCorruptImageFile (134)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0
Description: The alarm is raised when one or more files in the 5620 SAM software image specified for a device software upgrade is invalid, corrupt or absent. The 5620 SAM validates a device software file set before it imports the file set and distributes it to an NE. Ensure that the file set downloads properly to the NE and is not tampered with before you re-attempt the upgrade. The alarm clears when a valid file set is on the NE and the 5620 SAM activates the software image in the file set.		
Raising condition: ('isImageValid' EQUAL 'false')		
Clearing condition: ('isImageValid' EQUAL 'true')		
Remedial action: The existing SW image in the SAM database should be replaced with an image that is known to be complete and valid.		

Table 11-28 downgradedCardAlarm

Alarm	Attributes	Applicable major releases
Name: downgradedCardAlarm (256) Type: softwareAlarm (19) Package: equipment Raised on class: equipment.Card	Severity: warning Implicitly cleared: true Default probable cause: downgradedCard (195)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0
Description: The alarm is raised when an IOM is not upgraded or reset after a device software upgrade of both CPMs. A device resets an IOM automatically after 120 minutes if the IOM is not manually reset after a CPM upgrade.		
Raising condition: ('operationalState' EQUAL 'Downgrade')		
Clearing condition: ('operationalState' EQUAL 'Up')		
Remedial action: Informational - no corrective action required.		

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Table 11-29 DS1E1AlarmIndicationSignal

Alarm	Attributes	Applicable major releases
Name: DS1E1AlarmIndicationSignal (112) Type: communicationsAlarm (4) Package: tdmequipment Raised on class: tdmequipment.DS1E1ChannelSpecifics	Severity: major Implicitly cleared: true Default probable cause: alarmIndicationSignal (96)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0
Description: The alarm is raised when an NE reports that a specific DS1 or E1 channel has an AIS alarm condition.		
Raising condition: (('Outstanding Alarms'anyBit'Alarm Indication Signal') AND ('Report Alarms'anyBit'Alarm Indication Signal'))		
Clearing condition: NOT (('Outstanding Alarms'anyBit'Alarm Indication Signal') AND ('Report Alarms'anyBit'Alarm Indication Signal'))		
Remedial action: Informational only.		

Table 11-30 DS1E1Looped

Alarm	Attributes	Applicable major releases
Name: DS1E1Looped (126) Type: communicationsAlarm (4) Package: tdmequipment Raised on class: tdmequipment.DS1E1ChannelSpecifics	Severity: major Implicitly cleared: true Default probable cause: farEndLoopback (102)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0
Description: The alarm is raised when an NE reports that a specific DS1 or E1 channel has a remote loopback alarm condition.		
Raising condition: (('Outstanding Alarms'anyBit'Far end wants the near end to loopback') AND ('Report Alarms'anyBit'Far end wants the near end to loopback'))		
Clearing condition: NOT (('Outstanding Alarms'anyBit'Far end wants the near end to loopback') AND ('Report Alarms'anyBit'Far end wants the near end to loopback'))		
Remedial action: Informational only.		

Table 11-31 DS1E1LossOfSignal

Alarm	Attributes	Applicable major releases
Name: DS1E1LossOfSignal (124) Type: communicationsAlarm (4) Package: tdmequipment Raised on class: tdmequipment.DS1E1ChannelSpecifics	Severity: major Implicitly cleared: true Default probable cause: lossOfSignal (99)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0
Description: The alarm is raised when an NE reports that a specific DS1 or E1 channel has an LOS alarm condition.		
Raising condition: (('Outstanding Alarms'anyBit'Loss of Signal') AND ('Report Alarms'anyBit'Loss of Signal'))		
Clearing condition: NOT (('Outstanding Alarms'anyBit'Loss of Signal') AND ('Report Alarms'anyBit'Loss of Signal'))		

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Alarm	Attributes	Applicable major releases
Remedial action: Informational only.		

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Table 11-32 DS1E1OutOfFrame

Alarm	Attributes	Applicable major releases
Name: DS1E1OutOfFrame (125) Type: communicationsAlarm (4) Package: tdmequipment Raised on class: tdmequipment.DS1E1ChannelSpecifics	Severity: major Implicitly cleared: true Default probable cause: outOfFrame (100)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0
Description: The alarm is raised when an NE reports that a specific DS1 or E1 channel has an OOF alarm condition.		
Raising condition: (('Outstanding Alarms'anyBit'Out Of Frame') AND ('Report Alarms'anyBit'Out Of Frame'))		
Clearing condition: NOT (('Outstanding Alarms'anyBit'Out Of Frame') AND ('Report Alarms'anyBit'Out Of Frame'))		
Remedial action: Informational only.		

Table 11-33 DS1E1ResourceAvailabilityIndicator

Alarm	Attributes	Applicable major releases
Name: DS1E1ResourceAvailabilityIndicator (114) Type: communicationsAlarm (4) Package: tdmequipment Raised on class: tdmequipment.DS1E1ChannelSpecifics	Severity: major Implicitly cleared: true Default probable cause: resourceAvailabilityIndicator (98)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0
Description: The alarm is raised when an NE reports that a specific DS1 or E1 channel has an RAI alarm condition.		
Raising condition: (('Outstanding Alarms'anyBit'Resource Availability Indicator') AND ('Report Alarms'anyBit'Resource Availability Indicator'))		
Clearing condition: NOT (('Outstanding Alarms'anyBit'Resource Availability Indicator') AND ('Report Alarms'anyBit'Resource Availability Indicator'))		
Remedial action: Informational only.		

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Table 11-34 DS1E1SignalDegradation

Alarm	Attributes	Applicable major releases
Name: DS1E1SignalDegradation (500) Type: communicationsAlarm (4) Package: tdmequipment Raised on class: tdmequipment.DS1E1ChannelSpecifics	Severity: major Implicitly cleared: true Default probable cause: signalDegradation (386)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0
Description: The alarm is raised when an NE reports that a specific DS1 or E1 channel has an SD alarm condition.		
Raising condition: (('Outstanding Alarms'anyBit'Signal Degradation') AND ('Report Alarms'anyBit'Signal Degradation'))		
Clearing condition: NOT (('Outstanding Alarms'anyBit'Signal Degradation') AND ('Report Alarms'anyBit'Signal Degradation'))		
Remedial action: Informational only.		

Table 11-35 DS1E1SignalFailure

Alarm	Attributes	Applicable major releases
Name: DS1E1SignalFailure (501) Type: communicationsAlarm (4) Package: tdmequipment Raised on class: tdmequipment.DS1E1ChannelSpecifics	Severity: major Implicitly cleared: true Default probable cause: signalFailure (387)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0
Description: The alarm is raised when an NE reports that a specific DS1 or E1 channel has an SF alarm condition.		
Raising condition: (('Outstanding Alarms'anyBit'Signal Failure') AND ('Report Alarms'anyBit'Signal Failure'))		
Clearing condition: NOT (('Outstanding Alarms'anyBit'Signal Failure') AND ('Report Alarms'anyBit'Signal Failure'))		
Remedial action: Informational only.		

Table 11-36 EfmOamAlarm

Alarm	Attributes	Applicable major releases
Name: EfmOamAlarm (4617) Type: equipmentAlarm (3) Package: ethernetequipment Raised on class: ethernetequipment.Dot3Oam	Severity: minor Implicitly cleared: true Default probable cause: EFMOAMOperationalstateOutOfService (1886)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0
Description: The alarm is raised when EFM Ignore status is Enabled, and Physical port Administrative State is Down.		
Raising condition: ('Ignore EFM State' EQUAL 'true')		
Clearing condition: ('Ignore EFM State' EQUAL 'true')		
Remedial action: The alarm is raised when EFM Ignore status is Enabled, and Physical port Administrative State is Down.		

Table 11-37 EquipmentAdministrativelyDown

Alarm	Attributes	Applicable major releases
Name: EquipmentAdministrativelyDown (455) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.Equipment	Severity: minor Implicitly cleared: true Default probable cause: equipmentAdministrativelyDown (326)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0
Description: The alarm is raised when the compositeEquipmentState attribute has a value of equipmentAdministrativelyDown.		
Raising condition: ('compositeEquipmentState' EQUAL 'Admin Down')		
Clearing condition: ('compositeEquipmentState' NOT EQUAL 'Admin Down')		
Remedial action: Informational - no corrective action required.		

Table 11-38 EquipmentDegraded

Alarm	Attributes	Applicable major releases
Name: EquipmentDegraded (604) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.FanTray	Severity: minor Implicitly cleared: true Default probable cause: singleFanFailure (450)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0
Description: The alarm is raised when a single fan fails. The chassis attempts to continue operating within the normal temperature range using only the remaining fans.		
Raising condition: ('Device State' EQUAL 'MinorFailure')		
Clearing condition: ('Device State' NOT EQUAL 'MinorFailure')		
Remedial action: The failed fan unit should be replaced.		

Table 11-39 EquipmentDown

Alarm	Attributes	Applicable major releases
Name: EquipmentDown (10) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.Equipment	Severity: major Implicitly cleared: true Default probable cause: inoperableEquipment (8)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0
Description: The alarm is raised when the compositeEquipmentState attribute has a value of equipmentOperationallyDown.		
Raising condition: ('compositeEquipmentState' EQUAL 'Oper Down')		
Clearing condition: ('compositeEquipmentState' NOT EQUAL 'Oper Down')		
Remedial action: This alarm indicates that a card in the NE has failed. The card must be replaced.		

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Table 11-40 EquipmentFailure

Alarm	Attributes	Applicable major releases
Name: EquipmentFailure (145) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.ReplaceableUnit	Severity: critical Implicitly cleared: true Default probable cause: cardFailure (123)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0
Description: The alarm is raised when a control processor or power-supply tray reports a failure. When the object type is ControlProcessor, a CPM may be unable to boot. When the object type is Power Supply Tray and the alarm is raised during device discovery, a power-supply tray may be out of service. When the object type is a Power Supply Tray and the device is in the managed state, a power-supply tray may be out of service or the AC power shelf has a fault condition. The alarm clears when the status changes to OK.		
Raising condition: ('operationalState' EQUAL 'Failed')		
Clearing condition: ('operationalState' NOT EQUAL 'Failed')		
Remedial action: If the alarm indicates that the CPM card has a fault, remove the card and reset it. If this does not clear the alarm then please contact Alcatel-Lucent support for assistance. If the alarm indicates that the Power Supply tray is out of service ensure that the NE is properly connected to power. If the problem persists please contact Alcatel-Lucent support for assistance.		

Table 11-41 EquipmentInTest

Alarm	Attributes	Applicable major releases
Name: EquipmentInTest (11) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.Equipment	Severity: warning Implicitly cleared: true Default probable cause: equipmentInTest (9)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0
Description: The alarm is raised when equipment enters a diagnostic state.		
Raising condition: ('compositeEquipmentState' EQUAL 'In Test')		
Clearing condition: ('compositeEquipmentState' NOT EQUAL 'In Test')		
Remedial action: Informational - no corrective action required.		

Table 11-42 EquipmentMismatch

Alarm	Attributes	Applicable major releases
Name: EquipmentMismatch (9) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.Equipment	Severity: major Implicitly cleared: true Default probable cause: equipmentTypeMismatch (7)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0
Description: The alarm is raised when the compositeEquipmentState attribute has a value of equipmentMismatch.		
Raising condition: ('compositeEquipmentState' EQUAL 'Type Mismatch')		
Clearing condition: ('compositeEquipmentState' NOT EQUAL 'Type Mismatch')		

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Alarm	Attributes	Applicable major releases
Remedial action: A configuration error has occurred which must be corrected. The card type configured for the slot identified in the alarm must match the installed card type.		

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Table 11-43 EquipmentRemoved

Alarm	Attributes	Applicable major releases
Name: EquipmentRemoved (8) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.Equipment	Severity: major Implicitly cleared: true Default probable cause: replaceableEquipmentRemoved (6)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0
Description: The alarm is raised when the compositeEquipmentState attribute has a value of equipmentMissing.		
Raising condition: (((isEquipped' EQUAL 'false') OR ('compositeEquipmentState' EQUAL 'Removed')) AND ('isEquipmentInserted' EQUAL 'true'))		
Clearing condition: (('compositeEquipmentState' NOT EQUAL 'Removed') AND ('isEquipped' EQUAL 'true'))		
Remedial action: Informational - this alarm is raised when a card is removed.		

Table 11-44 EthernetPortConfiguredLoopback

Alarm	Attributes	Applicable major releases
Name: EthernetPortConfiguredLoopback (801) Type: configurationAlarm (11) Package: ethernetequipment Raised on class: ethernetequipment.EthernetPortSpecifics	Severity: warning Implicitly cleared: true Default probable cause: ethernetPortConfiguredLoopback (567)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0
Description: The alarm is raised when a timed loopback is in effect for an Ethernet port.		
Raising condition: (('Type' NOT EQUAL 'None'))		
Clearing condition: (('Type' EQUAL 'None'))		
Remedial action: This alarm has been raised by the node because "Timed Loopback" option of the specific port's Ethernet property has been enabled. To resolve this problem from "Ethernet" tab of "Physical Port" properties form configure "Timed Loopback" Type property as "None".		

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Table 11-45 EthernetPortDuplicateLane

Alarm	Attributes	Applicable major releases
Name: EthernetPortDuplicateLane (3557) Type: communicationsAlarm (4) Package: ethernetequipment Raised on class: ethernetequipment.EthernetPortSpecifics	Severity: major Implicitly cleared: true Default probable cause: DuplicateLane (1387)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0
Description: The alarm is raised when a device reports a Duplicate Lane on an Ethernet port.		
Raising condition: (('Outstanding Alarms'anyBit'Duplicate Lane') AND ('Report Alarms'anyBit'Duplicate Lane'))		
Clearing condition: NOT (('Outstanding Alarms'anyBit'Duplicate Lane') AND ('Report Alarms'anyBit'Duplicate Lane'))		
Remedial action: One of the following conditions exists on the referenced physical interface which must be corrected. A cable/fiber fault exists which must be corrected - check to ensure that the cable is not faulty and is properly connected. The port is faulty - run diagnostics on the port to determine the nature of the fault. If the problem cannot be resolved swap the card containing the port with a card which is known be functional.		

Table 11-46 EthernetPortHighBer

Alarm	Attributes	Applicable major releases
Name: EthernetPortHighBer (307) Type: communicationsAlarm (4) Package: ethernetequipment Raised on class: ethernetequipment.EthernetPortSpecifics	Severity: major Implicitly cleared: true Default probable cause: HighBer (238)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0
Description: The alarm is raised when a device reports a high bit-error rate on an Ethernet port.		
Raising condition: (('Outstanding Alarms'anyBit'High Bit Error Rate') AND ('Report Alarms'anyBit'High Bit Error Rate'))		
Clearing condition: NOT (('Outstanding Alarms'anyBit'High Bit Error Rate') AND ('Report Alarms'anyBit'High Bit Error Rate'))		
Remedial action: One of the following conditions exists on the physical interface which must be corrected. A cable/fiber fault exists which must be corrected - check to ensure that the cable is not faulty and is properly connected. The port is faulty - run diagnostics on the port to determine the nature of the fault.		

Table 11-47 EthernetPortLocalFault

Alarm	Attributes	Applicable major releases
Name: EthernetPortLocalFault (305) Type: communicationsAlarm (4) Package: ethernetequipment Raised on class: ethernetequipment.EthernetPortSpecifics	Severity: major Implicitly cleared: true Default probable cause: LocalFault (236)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0
Description: The alarm is raised when a device reports a local fault on an Ethernet port.		
Raising condition: (('Outstanding Alarms'anyBit'Local Fault') AND ('Report Alarms'anyBit'Local Fault'))		

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Alarm	Attributes	Applicable major releases
Clearing condition: NOT (((('Outstanding Alarms'anyBit'Local Fault') AND ('Report Alarms'anyBit'Local Fault'))))		
Remedial action: One of the following conditions exists on the physical interface which must be corrected. A cable/fiber fault exists which must be corrected - check to ensure that the cable is not faulty and is properly connected. The port is faulty - run diagnostics on the port to determine the nature of the fault.		

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Table 11-48 EthernetPortNoAmLock

Alarm	Attributes	Applicable major releases
Name: EthernetPortNoAmLock (3558) Type: communicationsAlarm (4) Package: ethernetequipment Raised on class: ethernetequipment.EthernetPortSpecifics	Severity: major Implicitly cleared: true Default probable cause: NoAmLock (1388)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0
Description: The alarm is raised when a device reports a No Am Lock on an Ethernet port.		
Raising condition: (('Outstanding Alarms'anyBit'No AM Lock') AND ('Report Alarms'anyBit'No AM Lock'))		
Clearing condition: NOT (((('Outstanding Alarms'anyBit'No AM Lock') AND ('Report Alarms'anyBit'No AM Lock'))))		
Remedial action: One of the following conditions exists on the referenced physical interface which must be corrected. A cable/fiber fault exists which must be corrected - check to ensure that the cable is not faulty and is properly connected. The port is faulty - run diagnostics on the port to determine the nature of the fault. If the problem cannot be resolved swap the card containing the port with a card which is known be functional.		

Table 11-49 EthernetPortNoBlockLock

Alarm	Attributes	Applicable major releases
Name: EthernetPortNoBlockLock (3559) Type: communicationsAlarm (4) Package: ethernetequipment Raised on class: ethernetequipment.EthernetPortSpecifics	Severity: major Implicitly cleared: true Default probable cause: NoBlockLock (1389)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0
Description: The alarm is raised when a device reports a No Block Lock on an Ethernet port.		
Raising condition: (('Outstanding Alarms'anyBit'No Block Lock') AND ('Report Alarms'anyBit'No Block Lock'))		
Clearing condition: NOT (((('Outstanding Alarms'anyBit'No Block Lock') AND ('Report Alarms'anyBit'No Block Lock'))))		
Remedial action: One of the following conditions exists on the referenced physical interface which must be corrected. A cable/fiber fault exists which must be corrected - check to ensure that the cable is not faulty and is properly connected. The port is faulty - run diagnostics on the port to determine the nature of the fault. If the problem cannot be resolved swap the card containing the port with a card which is known be functional.		

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Table 11-50 EthernetPortNoFrameLock

Alarm	Attributes	Applicable major releases
Name: EthernetPortNoFrameLock (306) Type: communicationsAlarm (4) Package: ethernetequipment Raised on class: ethernetequipment.EthernetPortSpecifics	Severity: major Implicitly cleared: true Default probable cause: NoFrameLock (237)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0
Description: The alarm is raised when a device reports No Frame Lock on an Ethernet port.		
Raising condition: (('Outstanding Alarms'anyBit'No Frame Lock') AND ('Report Alarms'anyBit'No Frame Lock'))		
Clearing condition: NOT (('Outstanding Alarms'anyBit'No Frame Lock') AND ('Report Alarms'anyBit'No Frame Lock'))		
Remedial action: One of the following conditions exists on the physical interface which must be corrected. A cable/fiber fault exists which must be corrected - check to ensure that the cable is not faulty and is properly connected. The port is faulty - run diagnostics on the port to determine the nature of the fault.		

Table 11-51 EthernetPortRemoteFault

Alarm	Attributes	Applicable major releases
Name: EthernetPortRemoteFault (304) Type: communicationsAlarm (4) Package: ethernetequipment Raised on class: ethernetequipment.EthernetPortSpecifics	Severity: major Implicitly cleared: true Default probable cause: RemoteFault (235)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0
Description: The alarm is raised when a device reports a remote fault on an Ethernet port.		
Raising condition: (('Outstanding Alarms'anyBit'Remote Fault') AND ('Report Alarms'anyBit'Remote Fault'))		
Clearing condition: NOT (('Outstanding Alarms'anyBit'Remote Fault') AND ('Report Alarms'anyBit'Remote Fault'))		
Remedial action: One of the following conditions exists on the remote physical interface which must be corrected. A cable/fiber fault exists which must be corrected - check to ensure that the cable is not faulty and is properly connected. The port is faulty - run diagnostics on the port to determine the nature of the fault.		

Table 11-52 EthernetPortSignalFailure

Alarm	Attributes	Applicable major releases
Name: EthernetPortSignalFailure (303) Type: communicationsAlarm (4) Package: ethernetequipment Raised on class: ethernetequipment.EthernetPortSpecifics	Severity: major Implicitly cleared: true Default probable cause: SignalFailure (234)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0
Description: The alarm is raised when a device reports a signal failure on an Ethernet port.		
Raising condition: (('Outstanding Alarms'anyBit'Signal Failure') AND ('Report Alarms'anyBit'Signal Failure'))		

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Alarm	Attributes	Applicable major releases
Clearing condition: NOT (((('Outstanding Alarms'anyBit'Signal Failure') AND ('Report Alarms'anyBit'Signal Failure'))))		
Remedial action: One of the following conditions exists on the physical interface which must be corrected. A cable/fiber fault exists which must be corrected - check to ensure that the cable is not faulty and is properly connected. The port is faulty - run diagnostics on the port to determine the nature of the fault.		

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Table 11-53 ExternalTimingReferenceNotQualified

Alarm	Attributes	Applicable major releases
Name: ExternalTimingReferenceNotQualified (548) Type: communicationsAlarm (4) Package: sonet Raised on class: sonet.SiteSync	Severity: minor Implicitly cleared: true Default probable cause: timingReferenceNotQualified (418)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0
Description: The alarm is raised when the External timing reference on an NE is not in the Qualified state.		
Raising condition: (('Qualified For Use' EQUAL 'Not Qualified') AND ('Administrative State' NOT EQUAL 'Down'))		
Clearing condition: (('Qualified For Use' NOT EQUAL 'Not Qualified') OR ('Administrative State' EQUAL 'Down'))		
Remedial action: Informational		

Table 11-54 FanFailure

Alarm	Attributes	Applicable major releases
Name: FanFailure (624) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.FanTray	Severity: critical Implicitly cleared: true Default probable cause: fanFailure (116)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0
Description: The alarm is raised when the associated fan is not operationally Up.		
Raising condition: (('Device State' EQUAL 'Failed') OR ('Device State' EQUAL 'Unknown') OR ('Device State' EQUAL 'OutOfservice'))		
Clearing condition: ('Device State' EQUAL 'OK')		
Remedial action: Remove and reset the fan unit. If this does not resolve the problem replace the fan.		

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Table 11-55 FanTrayRemoved

Alarm	Attributes	Applicable major releases
Name: FanTrayRemoved (569) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.FanTray	Severity: critical Implicitly cleared: true Default probable cause: FanTrayRemoved (438)	<ul style="list-style-type: none"> 6.0.0 7.0.0
Description: The alarm is raised when the deviceState attribute has a value of deviceNotEquipped.		
Raising condition: ('Device State' EQUAL 'Not Equipped')		
Clearing condition: ('Device State' NOT EQUAL 'Not Equipped')		
Remedial action: Informational - a fan tray has been removed from the NE.		

Table 11-56 ForwardingTableSizeLimitReached

Alarm	Attributes	Applicable major releases
Name: ForwardingTableSizeLimitReached (164) Type: resourceAlarm (28) Package: I2fwd Raised on class: I2fwd.SiteFib	Severity: major Implicitly cleared: true Default probable cause: resourceLimitReached (131)	<ul style="list-style-type: none"> 6.0.0 7.0.0
Description: The alarm is raised when the number of MAC address entries in the FIB reaches or exceeds the VPLS site high watermark specified by I2fwd.SiteFib.highWatermark. The alarm clears when the number of MAC address entries in the FIB drops below the VPLS site low watermark specified by I2fwd.SiteFib.lowWatermark. The alarm can be raised against a VPLS site, L2 access interface, or spoke SDP binding.		
Raising condition: (('Entries' >= 'Size') OR ('Entries' >= (('High Watermark' * 'Size') / 100.0)))		
Clearing condition: (('Entries' < 'Size') AND (('High Watermark' EQUAL '0L') OR ('Entries' < (('Low Watermark' * 'Size') / 100.0))) AND (('Low Watermark' EQUAL '0L') OR ('Entries' < (('Low Watermark' * 'Size') / 100.0)))		
Remedial action: Informational		

Table 11-57 FrameSizeProblem (netw)

Alarm	Attributes	Applicable major releases
Name: FrameSizeProblem (37) Type: configurationAlarm (11) Package: netw Raised on class: netw.StatefullConnectableInterface	Severity: critical Implicitly cleared: true Default probable cause: frameSizeProblem (33)	<ul style="list-style-type: none"> 6.0.0 7.0.0
Description: The alarm is raised when a provisioned MTU size value is greater than the supported MTU size value.		
Raising condition: (('mtuMismatch' EQUAL 'true') AND ('portId' NOT EQUAL '0L'))		
Clearing condition: (('mtuMismatch' EQUAL 'false') OR ('portId' EQUAL '0L'))		

(1 of 2)

Alarm	Attributes	Applicable major releases
Remedial action: A configuration error has been made which must be corrected. The MTU value must be changed such that is less than or equal to the supported MTU size value.		

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Table 11-58 FrameSizeProblem (svt)

Alarm	Attributes	Applicable major releases
Name: FrameSizeProblem (37) Type: configurationAlarm (11) Package: svt Raised on class: svt.SdpBinding	Severity: critical Implicitly cleared: true Default probable cause: frameSizeProblem (33)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0
Description: The alarm is raised when a provisioned MTU size value is greater than the supported MTU size value.		
Raising condition: (('Operational State' EQUAL 'MTU Mismatch') OR ('Operational State' EQUAL 'Tunnel MTU Too Small'))		
Clearing condition: (('Operational State' NOT EQUAL 'MTU Mismatch') AND ('Operational State' NOT EQUAL 'Tunnel MTU Too Small'))		
Remedial action: The MTU value must be changed such that is is less than or equal to the supported MTU size value.		

Table 11-59 GaPeerDown

Alarm	Attributes	Applicable major releases
Name: GaPeerDown (3303) Type: EpcAlarm (59) Package: Iteggnsn Raised on class: Iteggnsn.GaPeer	Severity: major Implicitly cleared: true Default probable cause: EPSPeerDown (602)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0
Description: The alarm is raised when the path management state of a Ga peer changes to a state other than Up.		
Raising condition: ('Path Management State' NOT EQUAL 'Active')		
Clearing condition: ('Path Management State' EQUAL 'Active')		
Remedial action: A Ga reference point (peer) is operationally down for one of the following reasons: the underlying IP or physical interface is down, the far end peer is down or the underlying transport between this NE and the peer NE is down. To resolve the issue ensure that the IP/physical interface is up, check that the far end peer is operational and check that the underlying transport network is up.		

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Table 11-60 IncompleteConfig (multichassis)

Alarm	Attributes	Applicable major releases
Name: IncompleteConfig (294) Type: configurationAlarm (11) Package: multichassis Raised on classes: <ul style="list-style-type: none"> multichassis.MultiChassisSync multichassis.MultiChassisLagMember 	Severity: major Implicitly cleared: true Default probable cause: incompleteConfig (225)	<ul style="list-style-type: none"> 6.0.0 7.0.0
Description: The alarm is raised when a peer configuration cannot be found on the peer NE.		
Raising condition: ('mLagPointer' EQUAL '\')		
Clearing condition: ('mLagPointer' NOT EQUAL '\')		
Remedial action: Configure the missing peered object.		

Table 11-61 IncompleteConfiguration

Alarm	Attributes	Applicable major releases
Name: IncompleteConfiguration (1942) Type: operationalViolation (93) Package: netw Raised on class: netw.NetworkElement	Severity: warning Implicitly cleared: true Default probable cause: incompleteConfig (225)	<ul style="list-style-type: none"> 6.0.0 7.0.0
Description: The alarm is raised when a pre-provisioned NE has no objects configured beneath it.		
Raising condition: (('State' EQUAL 'Pre-provisioned') AND ('eNodeB Equipment' EQUAL '\'))		
Clearing condition: (('State' EQUAL 'Pre-provisioned') AND ('eNodeB Equipment' NOT EQUAL '\'))		
Remedial action: A configuration error has been made which must be corrected. The configuration of the pre-provisioned NE is incomplete. A work order was not associated with the pre-provisioned NE and as a consequence the attempt to auto-configure the NE failed.		

Table 11-62 IncorrectPeerConfig

Alarm	Attributes	Applicable major releases
Name: IncorrectPeerConfig (779) Type: configurationAlarm (11) Package: multichassis Raised on class: multichassis.AbstractPeer	Severity: major Implicitly cleared: true Default probable cause: IncorrectPeerConfig (554)	<ul style="list-style-type: none"> 6.0.0 7.0.0
Description: The alarm is raised when an MC peer does not exist, or when an MC peer exists but the peer address is not the address of a network interface on the peer.		
Raising condition: ('peerMatchFound' EQUAL 'false')		
Clearing condition: ('peerMatchFound' EQUAL 'true')		

(1 of 2)

Alarm	Attributes	Applicable major releases
Remedial action: The peer configuration cannot be found on the peer NE. Either delete this one, or create the missing peer object.		

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Table 11-63 IncorrectPeerSynchronizationPortConfig

Alarm	Attributes	Applicable major releases
Name: IncorrectPeerSynchronizationPortConfig (780) Type: configurationAlarm (11) Package: multichassis Raised on class: multichassis.PeerSynchronizationPort	Severity: major Implicitly cleared: true Default probable cause: IncorrectPeerSynchronizationPortConfig (555)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0
Description: The alarm is raised when the peer port does not exist, or when the peer port exists but the synchronization tags of the peers do not match.		
Raising condition: ('peerMatchFound' EQUAL 'false')		
Clearing condition: ('peerMatchFound' EQUAL 'true')		
Remedial action: Check if the peer port does not exist, or the peer port exists but the synchronization tags do not match.		

Table 11-64 IncorrectPeerSynchronizationPortEncapRangeConfig

Alarm	Attributes	Applicable major releases
Name: IncorrectPeerSynchronizationPortEncapRangeConfig (781) Type: configurationAlarm (11) Package: multichassis Raised on class: multichassis.PeerSynchronizationPortEncapRange	Severity: major Implicitly cleared: true Default probable cause: IncorrectPeerSynchronizationPortEncapRangeConfig (556)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0
Description: The alarm is raised when the VLAN ranges on the Multi-Chassis synchronization peers do not match.		
Raising condition: ('Neighbor Match' EQUAL 'false')		
Clearing condition: ('Neighbor Match' EQUAL 'true')		
Remedial action: Update the VLAN ranges on the Multi-Chassis synchronization peers to make them matching.		

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Table 11-65 InstanceDown (vrrp)

Alarm	Attributes	Applicable major releases
Name: InstanceDown (284) Type: configurationAlarm (11) Package: vrrp Raised on class: vrrp.AbstractInstance	Severity: major Implicitly cleared: true Default probable cause: instanceDown (216)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0
Description: The alarm is raised when the 5620 SAM detects that a VRRP instance is operationally down.		
Raising condition: (('Administrative State' EQUAL 'Up') AND ('Operational State' NOT EQUAL 'Up'))		
Clearing condition: (('Operational State' EQUAL 'Up') OR ('Administrative State' NOT EQUAL 'Up'))		
Remedial action: Check the instance configuration		

Table 11-66 InterfaceDown (netw)

Alarm	Attributes	Applicable major releases
Name: InterfaceDown (36) Type: InterfaceAlarm (13) Package: netw Raised on class: netw.StatefullConnectableInterface	Severity: critical Implicitly cleared: true Default probable cause: interfaceDown (32)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0
Description: The alarm is raised when an interface or underlying resource fails, as indicated by an interface compositeState attribute value of failed or underlyingResourceFailed.		
Raising condition: (('compositeState' EQUAL 'Inoperable') OR ('compositeState' EQUAL 'Underlying Resource Inoperable'))		
Clearing condition: (('compositeState' NOT EQUAL 'Inoperable') AND ('compositeState' NOT EQUAL 'Underlying Resource Inoperable'))		
Remedial action: A physical port (physical interface, LAG, channel) associated with the network interface in not operation. Ensure that the interface is cabled and that there is not a configuration error (i.e. MTU size set incorrectly) on the interface. Once the issue w		

Table 11-67 InterfaceDown (vpls)

Alarm	Attributes	Applicable major releases
Name: InterfaceDown (36) Type: configurationAlarm (11) Package: vpls Raised on class: vpls.L2ManagementInterface	Severity: major Implicitly cleared: true Default probable cause: interfaceDown (32)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0
Description: The alarm is raised when an L2 management interface has an Operational State of Down, and the associated VPLS site has an Administrative State of Up.		
Raising condition: (('administrativeState' EQUAL 'Up') AND ('operationalState' NOT EQUAL 'Up'))		
Clearing condition: (('operationalState' EQUAL 'Up') OR ('administrativeState' NOT EQUAL 'Up'))		

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Alarm	Attributes	Applicable major releases
Remedial action: The condition exists because the physical interface is down either because it is administratively disabled, faulty or a cabling fault has occurred. Ensure that the interface is administratively up. Check for a poor cable connection to the port or for a faulty cable/fiber. If neither appears to be the problem run diagnostics on the port to determine if it is faulty.		

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Table 11-68 IsisAdjacencyDown

Alarm	Attributes	Applicable major releases
Name: IsisAdjacencyDown (153) Type: adjacencyAlarm (31) Package: isis Raised on class: isis.Interface	Severity: minor Implicitly cleared: true Default probable cause: IsisInterfaceDown (232)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0
Description: The alarm is raised when an IS-IS interface has no adjacencies, for example, because the IS-IS protocol on the remote site is down.		
Raising condition: (('Adjacency Count' EQUAL '0L') AND ('interfaceClass' NOT EQUAL 'System') AND ('Passive' NOT EQUAL 'True'))		
Clearing condition: (('Adjacency Count' > '0L') OR ('Passive' EQUAL 'True'))		
Remedial action: Check remote site to see if corresponding IS-IS interface is configured and admin up.		

Table 11-69 IsisDown

Alarm	Attributes	Applicable major releases
Name: IsisDown (19) Type: ProtocolAlarm (1) Package: isis Raised on class: isis.Site	Severity: critical Implicitly cleared: true Default probable cause: protocolDown (1)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0
Description: The alarm is raised when an IS-IS site has an Operational State other than Up, and the Administrative State is Up.		
Raising condition: (('Administrative State' EQUAL 'Up') AND ('Operational State' NOT EQUAL 'Up'))		
Clearing condition: (('Operational State' EQUAL 'Up') OR ('Administrative State' NOT EQUAL 'Up'))		
Remedial action: The protocol is not working anymore, could be a problem with IP addresses, resources on the device, ...		

Table 11-70 IsisInterfaceDown

Alarm	Attributes	Applicable major releases
Name: IsisInterfaceDown (301) Type: ProtocolAlarm (1) Package: isis Raised on class: isis.Interface	Severity: warning Implicitly cleared: true Default probable cause: protocolDown (1)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0

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Alarm	Attributes	Applicable major releases
Description: The alarm is raised when an IS-IS interface has an Operational State other than Up.		
Raising condition: ('Operational State' EQUAL 'Down')		
Clearing condition: ('Operational State' NOT EQUAL 'Down')		
Remedial action: Check if underlying port is down, or associated network interface is down.		

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Table 11-71 KeepAliveProblem

Alarm	Attributes	Applicable major releases
Name: KeepAliveProblem (100) Type: oamAlarm (18) Package: svt Raised on class: svt.Tunnel	Severity: warning Implicitly cleared: true Default probable cause: keepAliveFailed (86)	<ul style="list-style-type: none"> 7.0.0
Description: The alarm is raised when the 5620 SAM detects a keep-alive protocol status of senderIdInvalid or responderIdError.		
Raising condition: (('Keep-Alive State' NOT EQUAL 'Disabled') AND ('Keep-Alive State' NOT EQUAL 'Alive') AND ('Keep-Alive State' NOT EQUAL 'Unknown'))		
Clearing condition: (('Keep-Alive State' EQUAL 'Disabled') OR ('Keep-Alive State' EQUAL 'Alive') OR ('Keep-Alive State' EQUAL 'Unknown'))		
Remedial action: Check the configuration of this tunnel and underlying physical transport.		

Table 11-72 LabelProblem

Alarm	Attributes	Applicable major releases
Name: LabelProblem (98) Type: CircuitAlarm (17) Package: svt Raised on class: svt.SdpBinding	Severity: critical Implicitly cleared: true Default probable cause: labelProblem (84)	<ul style="list-style-type: none"> 6.0.0 7.0.0
Description: The alarm is raised when an ingress or an egress label is missing.		
Raising condition: (('Operational State' EQUAL 'No Egress Label') OR ('Operational State' EQUAL 'No Ingress Label') OR ('Operational State' EQUAL 'No Labels'))		
Clearing condition: (('Operational State' NOT EQUAL 'No Egress Label') AND ('Operational State' NOT EQUAL 'No Ingress Label') AND ('Operational State' NOT EQUAL 'No Labels'))		
Remedial action: An ingress or egress label is missing for the SDP binding.		

Table 11-73 LagDown

Alarm	Attributes	Applicable major releases
Name: LagDown (20) Type: equipmentAlarm (3) Package: lag Raised on class: lag.Interface	Severity: critical Implicitly cleared: true Default probable cause: lagDown (17)	<ul style="list-style-type: none"> 6.0.0 7.0.0
Description: The alarm is raised when all ports in a LAG are operationally down.		
Raising condition: (('Administrative State' EQUAL 'Up') AND ('operationalState' NOT EQUAL 'Up'))		
Clearing condition: (('operationalState' EQUAL 'Up') OR ('Administrative State' NOT EQUAL 'Up'))		
Remedial action: This alarm indicates that all physical Ethernet links associated with a LAG are operationally down. The reasons for the links to be down may vary from link to link. The following possible causes of this alarm should be investigated. The physical port (near end or far end) may have failed - this can be remedied by replacing the interface card in question. The physical links may have been turned down administratively - re-enable the links. A cable failure or disconnect may have occurred - please ensure that the cables are properly connected to the physical port and that the cable has not been damaged.		

Table 11-74 LagPortAddFailed

Alarm	Attributes	Applicable major releases
Name: LagPortAddFailed (422) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.PhysicalPort	Severity: warning Implicitly cleared: true Default probable cause: linkDown (315)	<ul style="list-style-type: none"> 6.0.0 7.0.0
Description: The alarm is raised when the Lag Port Add function Fails.		
Raising condition: (('state' EQUAL 'Link Down') AND ('LAG ID' > '0'))		
Clearing condition: (('state' NOT EQUAL 'Link Down') OR ('LAG ID' EQUAL '0'))		
Remedial action: A configuration error has occurred which must be corrected. The link that was to be added to the LAG group may be of the wrong type (i.e. non ethernet) or the limit of the number of links supported in a LAG may have been reached.		

Table 11-75 LdpDown

Alarm	Attributes	Applicable major releases
Name: LdpDown (22) Type: ProtocolAlarm (1) Package: ldp Raised on class: ldp.Site	Severity: critical Implicitly cleared: true Default probable cause: protocolDown (1)	<ul style="list-style-type: none"> 6.0.0 7.0.0
Description: The alarm is raised when an LDP site has an Operational State other than Up, and the Administrative State is Up.		
Raising condition: (('Administrative State' EQUAL 'Up') AND ('Operational State' NOT EQUAL 'Up'))		
Clearing condition: (('Operational State' EQUAL 'Up') OR ('Administrative State' NOT EQUAL 'Up'))		
Remedial action: Check operational state down reason and update accordingly.		

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Table 11-76 LdpSessionNonexistent

Alarm	Attributes	Applicable major releases
Name: LdpSessionNonexistent (2954) Type: LdpSessionAlarm (101) Package: ldp Raised on class: ldp.Session	Severity: critical Implicitly cleared: true Default probable cause: LdpSessionDown (1149)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0
Description: The alarm is raised when an LDP session is non-existent.		
Raising condition: ('Session State' EQUAL 'Non-existent')		
Clearing condition: ('Session State' EQUAL 'Operational')		
Remedial action: Please check the LDP session path to make sure all associated protocols/interfaces/connections are OK.		

Table 11-77 LdpTargetedPeerDown

Alarm	Attributes	Applicable major releases
Name: LdpTargetedPeerDown (23) Type: ProtocolAlarm (1) Package: ldp Raised on class: ldp.TargetedPeer	Severity: critical Implicitly cleared: true Default probable cause: protocolDown (1)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0
Description: The alarm is raised when an LDP targeted peer is operationally down.		
Raising condition: (('administrativeState' EQUAL 'Up') AND ('operationalState' NOT EQUAL 'Up'))		
Clearing condition: (('operationalState' EQUAL 'Up') OR ('administrativeState' NOT EQUAL 'Up'))		
Remedial action: Please check the route to LDP targeted peer to make sure all associated protocols/interfaces/connections are OK.		

Table 11-78 LicensedLimitExceeded

Alarm	Attributes	Applicable major releases
Name: LicensedLimitExceeded (127) Type: licensingAlarm (23) Package: security Raised on class: security.ProductLicense	Severity: critical Implicitly cleared: true Default probable cause: licensedLimitExceeded (106)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0
Description: The alarm is raised when the license items in the network exceeds 100 percent of the license capacity.		
Raising condition: ('Exceeded' EQUAL 'true')		
Clearing condition: ('Exceeded' NOT EQUAL 'true')		
Remedial action: Informational - The number of SAM licenses purchased and available on the SAM server is insufficient as compared to the number of NEs/MDA/Cells under management in the network. Please contact Alcatel-Lucent Sales to purchase additional licenses.		

Table 11-79 LinkDown (equipment)

Alarm	Attributes	Applicable major releases
Name: LinkDown (12) Type: communicationsAlarm (4) Package: equipment Raised on class: equipment.Equipment	Severity: major Implicitly cleared: true Default probable cause: portLinkProblem (10)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0
Description: The alarm is raised when a port has no associated physical link or remote end point is operationally down.		
Raising condition: (('compositeEquipmentState' EQUAL 'Link Down') OR ('compositeEquipmentState' EQUAL 'Oper Down'))		
Clearing condition: (('compositeEquipmentState' NOT EQUAL 'Link Down') AND ('compositeEquipmentState' NOT EQUAL 'Oper Down'))		
Remedial action: Please make sure that port has physical link and remote end point is operationally up.		

Table 11-80 LowTemperatureDetected

Alarm	Attributes	Applicable major releases
Name: LowTemperatureDetected (1127) Type: environmentalAlarm (2) Package: equipment Raised on class: equipment.Shelf	Severity: major Implicitly cleared: true Default probable cause: equipmentOvercooled (838)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0
Description: The alarm is raised when the chassis temperature falls below the minimum threshold.		
Raising condition: ('Low Temperature State' EQUAL 'Low')		
Clearing condition: ('Low Temperature State' NOT EQUAL 'Low')		
Remedial action: The NE has detected internal temperatures which are abnormally low. This may happen when the environment that the NE is operating in may not be within specifications found in the NE user guides.		

Table 11-81 LspDown

Alarm	Attributes	Applicable major releases
Name: LspDown (25) Type: pathAlarm (12) Package: mpls Raised on class: mpls.Lsp	Severity: critical Implicitly cleared: true Default probable cause: lspDown (19)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0
Description: The alarm is raised when the Operational State of an LSP is Down, but the Administrative State is Up.		
Raising condition: (('administrativeState' EQUAL 'Up') AND ('operationalState' NOT EQUAL 'Up'))		
Clearing condition: (('operationalState' EQUAL 'Up') OR ('administrativeState' NOT EQUAL 'Up'))		
Remedial action: So many things can cause LSP down, check if source and destination interfaces are down, LSP path is down and the failure code, or MPLS path is down...		

Table 11-82 LspPathBypassTunnelActive

Alarm	Attributes	Applicable major releases
Name: LspPathBypassTunnelActive (264) Type: pathAlarm (12) Package: mpls Raised on class: mpls.LspPath	Severity: warning Implicitly cleared: true Default probable cause: LspPathReroutedToBypassTunnel (197)	<ul style="list-style-type: none"> 7.0.0
Description: The alarm is raised when an LSP primary path is rerouted to the bypass tunnel. The alarm clears when the primary path returns to the original tunnel and the actual hop returns to the primary path.		
Raising condition: ('Bypass Tunnel Active' EQUAL 'true')		
Clearing condition: ('Bypass Tunnel Active' EQUAL 'false')		
Remedial action: There is a problem with the original path, check what is the problem and fix it if possible.		

Table 11-83 LspPathDown

Alarm	Attributes	Applicable major releases
Name: LspPathDown (26) Type: pathAlarm (12) Package: mpls Raised on class: mpls.LspPath	Severity: major Implicitly cleared: true Default probable cause: LspPathDown (20)	<ul style="list-style-type: none"> 7.0.0
Description: The alarm is raised when an LSP path is operationally down.		
Raising condition: (('Administrative' EQUAL 'Up') AND ('Operational' NOT EQUAL 'Up') AND ('Type' EQUAL 'Standby'))		
Clearing condition: (('Operational' EQUAL 'Up') OR ('Administrative' NOT EQUAL 'Up') OR ('Type' EQUAL 'Secondary'))		
Remedial action: Check the failure code and update accordingly, e.g. whether MPLS/RSVP interfaces, OSPF interfaces are down.		

Table 11-84 macMoveRateExceeded (service)

Alarm	Attributes	Applicable major releases
Name: macMoveRateExceeded (3690) Type: accessInterfaceAlarm (40) Package: service Raised on class: service.AccessInterface	Severity: minor Implicitly cleared: true Default probable cause: MacMoveRateExceeded (1429)	<ul style="list-style-type: none"> 6.0.0 7.0.0
Description: The alarm is raised when the SAP exceeds the MAC Move Frequency of the service site.		
Raising condition: ('State Cause'anyBit'Relearn Limit Exceeded')		
Clearing condition: NOT (('State Cause'anyBit'Relearn Limit Exceeded'))		
Remedial action: Informational.		

Table 11-85 macMoveRateExceeded (svt)

Alarm	Attributes	Applicable major releases
Name: macMoveRateExceeded (3690) Type: SpokeSdpBindingAlarm (104) Package: svt Raised on class: svt.SpokeSdpBinding	Severity: minor Implicitly cleared: true Default probable cause: MacMoveRateExceeded (1429)	<ul style="list-style-type: none"> 7.0.0
Description: The alarm is raised when the SDP exceeds the Service Site's MAC Move Frequency.		
Raising condition: ('operationalFlags'anyBit'Relearn Limit Exceeded')		
Clearing condition: NOT (('operationalFlags'anyBit'Relearn Limit Exceeded'))		
Remedial action: Check Service Site MAC move frequency or underlying physical link to understand issue.		

Table 11-86 macMoveRateExceededNonBlock (service)

Alarm	Attributes	Applicable major releases
Name: macMoveRateExceededNonBlock (4893) Type: accessInterfaceAlarm (40) Package: service Raised on class: service.AccessInterface	Severity: info Implicitly cleared: true Default probable cause: MacMoveRateExceededNonBlock (1951)	<ul style="list-style-type: none"> 6.0.0 7.0.0
Description: The alarm is raised when the SAP exceeds the MAC Move Frequency of the service site when limitMacMove(sapTIsLimitMacMove) is set to 'nonBlocking'.		
Raising condition: ('State Cause'anyBit'Relearn Limit Exceeded')		
Clearing condition: NOT (('State Cause'anyBit'Relearn Limit Exceeded'))		
Remedial action: Informational - User can adjust the value of 'MAC Move Maximum Rate' to reduce the frequency of this alarm.		

Table 11-87 macMoveRateExceededNonBlock (svt)

Alarm	Attributes	Applicable major releases
Name: macMoveRateExceededNonBlock (4893) Type: SpokeSdpBindingAlarm (104) Package: svt Raised on class: svt.SpokeSdpBinding	Severity: info Implicitly cleared: true Default probable cause: MacMoveRateExceededNonBlock (1951)	<ul style="list-style-type: none"> 7.0.0
Description: The alarm is raised when the SDP exceeds the Service Site's MAC Move Frequency even when limitMacMove(sdpBindTIsLimitMacMove) is set to 'nonBlocking'.		
Raising condition: ('operationalFlags'anyBit'Relearn Limit Exceeded')		
Clearing condition: NOT (('operationalFlags'anyBit'Relearn Limit Exceeded'))		
Remedial action: Informational - User can adjust the value of 'MAC Move Maximum Rate' to reduce the frequency of this alarm.		

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Table 11-88 MCLagDown (lag)

Alarm	Attributes	Applicable major releases
Name: MCLagDown (394) Type: equipmentAlarm (3) Package: lag Raised on class: lag.MultiChassisLagSpecifics	Severity: critical Implicitly cleared: true Default probable cause: mCLagDown (295)	<ul style="list-style-type: none"> 6.0.0 7.0.0
Description: The alarm is raised when all ports in an MC LAG are operationally down.		
Raising condition: (('administrativeState' EQUAL 'Up') AND ('operationalState' NOT EQUAL 'Up'))		
Clearing condition: (('operationalState' EQUAL 'Up') OR ('administrativeState' NOT EQUAL 'Up'))		
Remedial action: This alarm indicates that all physical Ethernet links associated with a LAG are operationally down. The reasons for the links to be down may vary from link to link. The following possible causes of this alarm should be investigated. The physical port (near end or far end may have failed - this can be remedied by replacing the interface card in question. The physical links may have been turned down administratively - re-enable the links. A cable failure or disconnect may have occurred - please ensure that the cables are properly connected to the physical port and and that the cable has not been damaged.		

Table 11-89 MCLagDown (multichassis)

Alarm	Attributes	Applicable major releases
Name: MCLagDown (394) Type: equipmentAlarm (3) Package: multichassis Raised on class: multichassis.MultiChassisLagPeerSpecifics	Severity: critical Implicitly cleared: true Default probable cause: mCLagDown (295)	<ul style="list-style-type: none"> 6.0.0 7.0.0
Description: The alarm is raised when all ports in an MC LAG are operationally Down.		
Raising condition: (('Administrative State' EQUAL 'Up') AND ('Operational State' NOT EQUAL 'Up'))		
Clearing condition: (('Operational State' EQUAL 'Up') OR ('Administrative State' NOT EQUAL 'Up'))		
Remedial action: This alarm indicates that all physical Ethernet links associated with a LAG are operationally down. The reasons for the links to be down may vary from link to link. The following possible causes of this alarm should be investigated. The physical port (near end or far end may have failed - this can be remedied by replacing the interface card in question. The physical links may have been turned down administratively - re-enable the links. A cable failure or disconnect may have occurred - please ensure that the cables are properly connected to the physical port and and that the cable has not been damaged.		

Table 11-90 MepAISReceivedAlarm

Alarm	Attributes	Applicable major releases
Name: MepAISReceivedAlarm (2945) Type: oamAlarm (18) Package: ethernetOam Raised on class: ethernetOam.Mep	Severity: variable Implicitly cleared: true Default probable cause: missingRemoteMep (388)	<ul style="list-style-type: none"> 6.0.0 7.0.0
Description: The alarm is raised when a MEP receives AIS test frames from one or more of its sub-layer MEPs.		

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Alarm	Attributes	Applicable major releases
Raising condition: (('AIS Received (AisRx)' EQUAL 'true') AND ('Facility VLAN ID' EQUAL '0'))		
Clearing condition: ('AIS Received (AisRx)' EQUAL 'false')		
Remedial action: This alarm indicates that it has received a MEP fault from a sub-layer MEP, user should investigate the fault cause on the sub-layer MEP and resolve this root cause issue.		

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Table 11-91 MobileConnectorDown

Alarm	Attributes	Applicable major releases
Name: MobileConnectorDown (1064) Type: EpcAlarm (59) Package: Iteservice Raised on class: Iteservice.MobileServiceConnector	Severity: minor Implicitly cleared: true Default probable cause: EpcDown (519)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0
Description: The alarm is raised when the 5620 SAM no longer manages the EPS path instance of this mobile service site. As a result, the service must be regenerated.		
Raising condition: ('EPS Path' EQUAL '\')		
Clearing condition: ('EPS Path' NOT EQUAL '\')		
Remedial action: The underlying transport network has gone down resulting in the deletion of a mobile service connector (EPS path). Correct the issue with the transport network and regenerate the mobile service connector by clicking on the re-calculate button on the mobile service properties form.		

Table 11-92 MplsDown

Alarm	Attributes	Applicable major releases
Name: MplsDown (27) Type: ProtocolAlarm (1) Package: mpls Raised on class: mpls.Site	Severity: critical Implicitly cleared: true Default probable cause: protocolDown (1)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0
Description: The alarm is raised when an MPLS site has an Operational State other than Up, and the Administrative State is Up.		
Raising condition: (('Administrative State' EQUAL 'Up') AND ('Operational State' NOT EQUAL 'Up'))		
Clearing condition: (('Operational State' EQUAL 'Up') OR ('Administrative State' NOT EQUAL 'Up'))		
Remedial action: Check operational down reason and update accordingly.		

Table 11-93 MplsPathUpdateFailed

Alarm	Attributes	Applicable major releases
Name: MplsPathUpdateFailed (1066) Type: pathAlarm (12) Package: mpls Raised on class: mpls.LspPath	Severity: major Implicitly cleared: true Default probable cause: mbbRetryExceeded (804) Applicable probable causes: <ul style="list-style-type: none"> • mbbRetryExceeded • lspPathGoingDown • startingHighPriMbb • restartingMbb • highPriMbbInProg 	<ul style="list-style-type: none"> • 7.0.0
Description: The alarm is raised when an MPLS path update fails because of an MBB problem. The alarm clears when the MBB status changes to Successful.		
Raising condition: (('mbbStatus' NOT EQUAL 'None') AND ('mbbStatus' NOT EQUAL 'Successful'))		
Clearing condition: (('Last Performed State' EQUAL 'Success') OR ('Administrative' EQUAL 'Down') OR (('Operational' EQUAL 'Up') AND ('Last Performed State' EQUAL 'None'))		
Remedial action: Based on the probable cause, change the parameters and update the path again.		

Table 11-94 MvrConfiguredFromVplsNotExist

Alarm	Attributes	Applicable major releases
Name: MvrConfiguredFromVplsNotExist (219) Type: configurationAlarm (11) Package: vpls Raised on classes: <ul style="list-style-type: none"> • vpls.L2AccessInterfaceMldMvrCfg • vpls.L2AccessInterfaceMvrCfg 	Severity: warning Implicitly cleared: true Default probable cause: MvrConfiguredFromVplsNotExist (164)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0
Description: The alarm is raised when an MVR source is an MVR VPLS that does not exist. The alarm clears when the MVR VPLS is created.		
Raising condition: ('fromVplsExists' EQUAL 'false')		
Clearing condition: (('fromVplsExists' EQUAL 'true') OR ('fromVplsId' EQUAL '0L'))		
Remedial action: Create the missing MVR VPLS.		

Table 11-95 MvrConfiguredProxySapNotExist

Alarm	Attributes	Applicable major releases
Name: MvrConfiguredProxySapNotExist (220) Type: configurationAlarm (11) Package: vpls Raised on classes: <ul style="list-style-type: none"> vpls.L2AccessInterfaceMldMvrCfg vpls.L2AccessInterfaceMvrCfg 	Severity: warning Implicitly cleared: true Default probable cause: MvrConfiguredProxySapNotExist (165)	<ul style="list-style-type: none"> 6.0.0 7.0.0
Description: The alarm is raised when a configured MVR proxy SAP does not exist. The alarm clears when the proxy SAP is created.		
Raising condition: ('proxySapExists' EQUAL 'false')		
Clearing condition: ('proxySapExists' EQUAL 'true')		
Remedial action: Create the missing proxy SAP.		

Table 11-96 MvrSiteDown

Alarm	Attributes	Applicable major releases
Name: MvrSiteDown (162) Type: ProtocolAlarm (1) Package: layer2 Raised on class: layer2.MvrSite	Severity: warning Implicitly cleared: true Default probable cause: protocolDown (1)	<ul style="list-style-type: none"> 6.0.0 7.0.0
Description: The alarm is raised when MVR is disabled on an NE and a TLS VLAN or MVR VLAN service is provisioned on the NE.		
Raising condition: ('MVR Admin Status' EQUAL 'Disabled')		
Clearing condition: ('MVR Admin Status' EQUAL 'Enabled')		
Remedial action: To clear the alarm, enable MVR Admin Status under the Bridge Instance.		

Table 11-97 NeighborDown

Alarm	Attributes	Applicable major releases
Name: NeighborDown (121) Type: NeighborDown (20) Package: ospf Raised on class: ospf.AbstractNeighbor	Severity: major Implicitly cleared: true Default probable cause: NeighborDown (103)	<ul style="list-style-type: none"> 6.0.0 7.0.0
Description: The alarm is raised when an OSPF interface neighbor is operationally Down.		
Raising condition: ('Operational State' NOT EQUAL 'full')		
Clearing condition: ('Operational State' EQUAL 'full')		

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Alarm	Attributes	Applicable major releases
<p>Remedial action: This alarm is raised when the OSPF interface neighbor is operationally down. The situation may occur if the underlying physical interface is down either because of administrative disabling or a fault on the far end port or due to a cable connection or cable failure. This alarm will also be raised if the underlying transport network fails or is unreliable. Resolving the underlying instability in the transport network will correct this problem.</p>		

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Table 11-98 NeManagementAndTrapManagementMismatch

Alarm	Attributes	Applicable major releases
<p>Name: NeManagementAndTrapManagementMismatch (1079) Type: communicationsAlarm (4) Package: netw Raised on class: netw.NetworkElement</p>	<p>Severity: warning Implicitly cleared: true Default probable cause: neManagementChange (817)</p>	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0
<p>Description: This user-defined alarm is raised when the NE configuration is one of the following: - The Active Management IP is set to Out Of Band, and the Primary Route Preference is set to In Band. - The Active Management IP is set to In Band, and the Primary Route Preference is set to Out of Band.</p>		
<p>Raising condition: (((('Active Management IP' EQUAL 'In Band') AND (('Management IP Selection' EQUAL 'In Band Preferred') OR ('Management IP Selection' EQUAL 'In Band Only')) AND ('Primary Route Preference' EQUAL 'Out Of Band') AND ('Secondary Route Preference' EQUAL 'In Band')) OR (('Active Management IP' EQUAL 'Out Of Band') AND (('Management IP Selection' EQUAL 'Out Of Band Preferred') OR ('Management IP Selection' EQUAL 'Out Of Band Only')) AND ('Primary Route Preference' EQUAL 'In Band') AND ('Secondary Route Preference' EQUAL 'Out Of Band'))))</p>		
<p>Clearing condition: (((('Active Management IP' EQUAL 'In Band') AND (('Management IP Selection' EQUAL 'In Band Preferred') OR ('Management IP Selection' EQUAL 'In Band Only')) AND ('Primary Route Preference' EQUAL 'In Band')) OR (('Active Management IP' EQUAL 'Out Of Band') AND (('Management IP Selection' EQUAL 'Out Of Band Preferred') OR ('Management IP Selection' EQUAL 'Out Of Band Only')) AND ('Primary Route Preference' EQUAL 'Out Of Band'))))</p>		
<p>Remedial action: A configuration error has been made which must be corrected. The parameters described in the description for this alarm must match.</p>		

Table 11-99 NewSsh2ServerKeyDetected

Alarm	Attributes	Applicable major releases
<p>Name: NewSsh2ServerKeyDetected (285) Type: communicationsAlarm (4) Package: security Raised on class: security.KnownHostKey</p>	<p>Severity: warning Implicitly cleared: true Default probable cause: ssh2ServerKeyMismatch (217)</p>	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0
<p>Description: The alarm is raised when a 5620 SAM main server detects a new public SSH key.</p>		
<p>Raising condition: ('SSH2 Server Key Status' EQUAL 'Mismatch SSH2 Host Key')</p>		
<p>Clearing condition: ('SSH2 Server Key Status' EQUAL 'Active SSH2 Host Key')</p>		
<p>Remedial action: Informational - possible security breach. The SSH key of the router is different from the one known to the SAM server.</p>		

Table 11-100 NodeDatabaseFallbackDetected

Alarm	Attributes	Applicable major releases
Name: NodeDatabaseFallbackDetected (2923) Type: communicationsAlarm (4) Package: netw Raised on class: netw.NetworkElement	Severity: major Implicitly cleared: true Default probable cause: nodeDatabaseFallback (1121)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0
Description: The alarm is raised when a configuration fallback is detected on the node and comes back up with a previous configuration. To correct this situation it might be necessary to reconfigure the node, or perform full resync its database with the 'fallback' configuration returned by the node.		
Raising condition: ('State' EQUAL 'Node Configuration Fallback')		
Clearing condition: ('State' EQUAL 'Managed')		
Remedial action: the NE has come back to a previous configuration. Perform a manual Full Resync or a Reconfigure of the NE		

Table 11-101 NodeDatabaseMisalignmentDetected

Alarm	Attributes	Applicable major releases
Name: NodeDatabaseMisalignmentDetected (2924) Type: communicationsAlarm (4) Package: netw Raised on class: netw.NetworkElement	Severity: major Implicitly cleared: true Default probable cause: nodeDatabaseMisalignment (1122)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0
Description: The alarm is raised when a configuration misalignment has been detected on the node and comes back up with an unexpected configuration (configuration change triggered by external tool) To correct this situation it might be necessary to reconfigure the node with the 5620 SAM's old configuration or accept the new configuration received from the node.		
Raising condition: ('State' EQUAL 'Node Configuration Misalignment')		
Clearing condition: ('State' EQUAL 'Managed')		
Remedial action: the NE configuration is misaligned. Perform a resync in order to update SAM configuration according to the NE.		

Table 11-102 NodeRebooted

Alarm	Attributes	Applicable major releases
Name: NodeRebooted (32) Type: equipmentAlarm (3) Package: netw Raised on class: netw.NetworkElement	Severity: warning Implicitly cleared: false Default probable cause: nodeReboot (25)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0
Description: The alarm is raised when the 5620 SAM detects an NE reboot based on the latest NE sysUpTime value.		
Remedial action: Informational - if the alarm persists please contact Alcatel-Lucent support for assistance		

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Table 11-103 NodeSuspended

Alarm	Attributes	Applicable major releases
Name: NodeSuspended (5123) Type: communicationsAlarm (4) Package: netw Raised on class: netw.NetworkElement	Severity: critical Implicitly cleared: true Default probable cause: NodeSuspend (2057)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0
Description: The alarm is raised when the 5620 SAM detects an NE moved to suspend state as per user request.		
Raising condition: ('SNMP Reachability' EQUAL 'Suspended')		
Clearing condition: ('SNMP Reachability' NOT EQUAL 'Suspended')		
Remedial action: This alarm is raised when user suspends the network element. The alarm will be cleared when the network element is managed back.		

Table 11-104 NTPOperDown

Alarm	Attributes	Applicable major releases
Name: NTPOperDown (4879) Type: communicationsAlarm (4) Package: ntp Raised on class: ntp.NTP	Severity: info Implicitly cleared: true Default probable cause: NTPOperDown (1943)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0
Description: The alarm is generated when the NTP Operational State is down for NTP.		
Raising condition: (('Operational State' EQUAL 'Down') AND ('NTP State' EQUAL 'Enabled'))		
Clearing condition: (('Operational State' EQUAL 'Up') OR ('NTP State' EQUAL 'Disabled'))		
Remedial action: Please check if NTP is administratively enabled (Admin State in NTP General Tab). If admin state down, enable it to make NTP operationally up.		

Table 11-105 OrphanNodeDetected

Alarm	Attributes	Applicable major releases
Name: OrphanNodeDetected (4866) Type: discoveryControlAlarm (33) Package: netw Raised on class: netw.AdvertisedNode	Severity: major Implicitly cleared: true Default probable cause: nodeNotMangedByAnyEms (1934)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0
Description: The alarm is raised when node is node managed by any EMS after n retries(threshold crossed) it is manually cleared by the operator or when the node is discovered.		
Raising condition: ('State' EQUAL 'Orphan')		
Remedial action: The NE is not managed by any SAM. Add an discovery rule in order to managed it.		

Table 11-106 OspfInterfaceDown

Alarm	Attributes	Applicable major releases
Name: OspfInterfaceDown (141) Type: OspfInterfaceDown (24) Package: ospf Raised on class: ospf.Interface	Severity: warning Implicitly cleared: true Default probable cause: OspfInterfaceDown (112)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0
Description: The alarm is raised when an OSPF interface is operationally down.		
Raising condition: ('operationalState' EQUAL 'Down')		
Clearing condition: ('operationalState' NOT EQUAL 'Down')		
Remedial action: This alarm is raised when the OSPF interface is operationally down. The situation may occur if the underlying physical interface is down either because of administrative disabling or a fault on the far end port or due to a cable connection or cable failure. This alarm will also be raised if the underlying transport network fails or is unreliable. Resolving the underlying instability in the transport network will correct this problem.		

Table 11-107 OverTemperatureDetected

Alarm	Attributes	Applicable major releases
Name: OverTemperatureDetected (388) Type: environmentalAlarm (2) Package: equipment Raised on class: equipment.Shelf	Severity: major Implicitly cleared: true Default probable cause: equipmentOverheated (5)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0
Description: The alarm is raised when the chassis temperature exceeds the maximum threshold value.		
Raising condition: ('Over Temperature State' EQUAL 'Over')		
Clearing condition: ('Over Temperature State' NOT EQUAL 'Over')		
Remedial action: The NE has detected internal temperatures which are abnormally high. This could be caused by a failed fan unit or one or more dirty fan filters. Replacing the failed unit or filters should resolve the problem. Alternately the environment that the NE is operating in may not be within specifications found in the NE user guides.		

Table 11-108 PartialResyncProblem

Alarm	Attributes	Applicable major releases
Name: PartialResyncProblem (4401) Type: communicationsAlarm (4) Package: netw Raised on class: netw.NetworkElement	Severity: warning Implicitly cleared: true Default probable cause: partialResyncProblem (1578)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0
Description: The alarm is raised when a partial resync on an NE fails. For example, when resyncing only some MIB entries as opposed to a full resync. The periodic reachability test (sysUpTime) is not considered a partial resync, neither is a full resync. However, a PartialResyncProblem alarm can only be reset by a FullResync.		
Raising condition: ('partialResyncStatus' EQUAL 'Partial Resync Failed')		

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Alarm	Attributes	Applicable major releases
Clearing condition: (partialResyncStatus' EQUAL 'Partial Resync Done')		
Remedial action: Informational - if the alarm persists or is occurring frequently then investigation is required to understand a) why the underlying transport network is unreliable or b) why the NE is too busy to respond to 5620 SAM or c) has SNMP been disabled on the NE.		

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Table 11-109 PeerConnectionDown (bgp)

Alarm	Attributes	Applicable major releases
Name: PeerConnectionDown (2) Type: ProtocolAlarm (1) Package: bgp Raised on class: bgp.Peer	Severity: critical Implicitly cleared: true Default probable cause: connectionDown (2)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0
Description: The alarm is raised when a BGP peer has a Connection State other than Established, and the Administrative State of the BGP peer is Up.		
Raising condition: (('Connection State' NOT EQUAL 'Established') AND ('Administrative State' EQUAL 'Up'))		
Clearing condition: (('Connection State' EQUAL 'Established') OR ('Administrative State' NOT EQUAL 'Up'))		
Remedial action: A mismatch in configuration may have occurred. Check the configuration of both peers to rule out a mismatched configuration.		

Table 11-110 PeerDown (bgp)

Alarm	Attributes	Applicable major releases
Name: PeerDown (1) Type: ProtocolAlarm (1) Package: bgp Raised on class: bgp.Peer	Severity: critical Implicitly cleared: true Default probable cause: protocolDown (1)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0
Description: The alarm is raised when a BGP peer has an Operational State other than Up, and the Administrative State is Up.		
Raising condition: (('Administrative State' EQUAL 'Up') AND ('Operational State' NOT EQUAL 'Up'))		
Clearing condition: (('Operational State' EQUAL 'Up') OR ('Administrative State' NOT EQUAL 'Up'))		
Remedial action: The BGP peer entity is down - administratively disable the BGP peer and re-enable it. If toggling the administrative state does not solve the problem check that the physical interface and network connection to the far end peer are up and operational. If the problem persists please contact Alcatel-Lucent support for assistance.		

Table 11-111 PeerGroupDown (bgp)

Alarm	Attributes	Applicable major releases
Name: PeerGroupDown (5) Type: ProtocolAlarm (1) Package: bgp Raised on class: bgp.PeerGroup	Severity: critical Implicitly cleared: true Default probable cause: protocolDown (1)	<ul style="list-style-type: none"> 6.0.0 7.0.0
Description: The alarm is raised when a BGP peer group has an Operational State other than Up, and the Administrative State is Up.		
Raising condition: (('Administrative State' EQUAL 'Up') AND ('Operational State' NOT EQUAL 'Up'))		
Clearing condition: (('Operational State' EQUAL 'Up') OR ('Administrative State' NOT EQUAL 'Up'))		
Remedial action: The BGP peer group is down - administratively disable the BGP peer group and re-enable it. If the problem persists please contact Alcatel-Lucent support for assistance.		

Table 11-112 PeerLacIngressEgressFault

Alarm	Attributes	Applicable major releases
Name: PeerLacIngressEgressFault (2929) Type: PeerLacAlarm (98) Package: svt Raised on class: svt.SpokeSdpBinding	Severity: minor Implicitly cleared: true Default probable cause: peerPWStatusBitsChanged (1123)	<ul style="list-style-type: none"> 7.0.0
Description: The alarm is raised when the Peer Status is Peer LAC Rx Fault and Peer LAC Tx Fault		
Raising condition: (('Peer State Cause'anyBit'Peer LAC Tx Fault') AND ('Peer State Cause'anyBit'Peer LAC Rx Fault'))		
Clearing condition: NOT (('Peer State Cause'anyBit'Peer LAC Tx Fault') AND ('Peer State Cause'anyBit'Peer LAC Rx Fault'))		
Remedial action: One of the following conditions exists on the referenced physical interface which must be corrected. A cable/fiber fault exists which must be corrected - check to ensure that the cable is not faulty and is properly connected. The port is faulty - run diagnostics on the port to determine the nature of the fault. If the problem cannot be resolved swap the card containing the port with a card which is known be functional.		

Table 11-113 PersistentIndexParametersMisconfigured

Alarm	Attributes	Applicable major releases
Name: PersistentIndexParametersMisconfigured (173) Type: configurationAlarm (11) Package: netw Raised on class: netw.NetworkElement	Severity: major Implicitly cleared: true Default probable cause: persistentIndexConfigurationMismatch (136)	<ul style="list-style-type: none"> 6.0.0 7.0.0
Description: The alarm is raised when persistence is set to Off in the NE BOF.		
Raising condition: (('Persistent SNMP Indices' EQUAL 'False') OR (('hasRedundantProcessorCards' EQUAL 'true') AND ('Redundant Synchronization Mode' EQUAL 'None'))		

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Alarm	Attributes	Applicable major releases
Clearing condition: (('Persistent SNMP Indices' EQUAL 'True') AND (('hasRedundantProcessorCards' EQUAL 'false') OR ('Redundant Synchronization Mode' NOT EQUAL 'None')))		
Remedial action: A configuration error has occurred that must be corrected. Use the CLI on the NE to enable persistency in the BOF. The discovery process will complete on the next discovery scan. A re-scan can be triggered immediately for the NE from within the discovery manager		

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Table 11-114 PollerProblem

Alarm	Attributes	Applicable major releases
Name: PollerProblem (31) Type: communicationsAlarm (4) Package: netw Raised on class: netw.NetworkElement	Severity: warning Implicitly cleared: true Default probable cause: resyncFailed (24)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0
Description: The alarm is raised when the 5620 SAM is unable to poll a network object, for example, because of intermittent or no IP connectivity to an NE, incorrect SNMP security parameters, or disabled SNMP on the NE.		
Raising condition: ('Resync Status' EQUAL 'Full Resync Failed')		
Clearing condition: ('Resync Status' EQUAL 'Full Resync Done')		
Remedial action: Informational - if the alarm persists or is occurring frequently then investigation is required to understand a) why the underlying transport network is unreliable or b) why the NE is too busy to respond to 5620 SAM or c) has SNMP been disabled on the NE. Once the issue has been resolved SAM will automatically re-attempt.		

Table 11-115 PortEtherSymMonSDAlarm

Alarm	Attributes	Applicable major releases
Name: PortEtherSymMonSDAlarm (5662) Type: communicationsAlarm (4) Package: ethernetequipment Raised on class: ethernetequipment.EthernetPortSpecifics	Severity: major Implicitly cleared: true Default probable cause: etherPortSymMonSDThresholdExceededAlarm (2439)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0
Description: The alarm is raised when an Ethernet port Symbol Monitor Failure alarm condition is detected (Signal Degradation Threshold exceeded).		
Raising condition: ('Symbol Alarm Reason' EQUAL 'SD Threshold Exceeded')		
Clearing condition: ('Symbol Alarm Reason' NOT EQUAL 'SD Threshold Exceeded')		
Remedial action: Symbol monitor signal degradation alarm could be cleared by changing/disabling the associated threshold/multiplier values or it is self clearing and will clear once the error rate drops below 1/10th of the configured rate.		

Table 11-116 PortEtherSymMonSFAlarm

Alarm	Attributes	Applicable major releases
Name: PortEtherSymMonSFAlarm (5663) Type: communicationsAlarm (4) Package: ethernetequipment Raised on class: ethernetequipment.EthernetPortSpecifics	Severity: major Implicitly cleared: true Default probable cause: etherPortSymMonSFThresholdExceededAlarm (2440)	<ul style="list-style-type: none"> 6.0.0 7.0.0
Description: The alarm is raised when an Ethernet port Symbol Monitor Failure alarm condition is detected (Signal Failure Threshold exceeded).		
Raising condition: ('Symbol Alarm Reason' EQUAL 'SF Threshold Exceeded')		
Clearing condition: ('Symbol Alarm Reason' NOT EQUAL 'SF Threshold Exceeded')		
Remedial action: Symbol monitor signal failure alarm could be cleared by changing/disabling the associated threshold/multiplier values or by taking the port out of service (eg. shutdown, card/mda reset, physical link loss).		

Table 11-117 PowerSupplyFailure

Alarm	Attributes	Applicable major releases
Name: PowerSupplyFailure (633) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.PowerSupplyTray	Severity: critical Implicitly cleared: true Default probable cause: powerSupplyFailure (117)	<ul style="list-style-type: none"> 6.0.0 7.0.0
Description: The alarm is raised when a power-supply tray reports a failure. When the alarm is raised during device discovery, a power-supply tray may be out of service. When the alarm is raised while the device is in the managed state, a power-supply tray may be out of service or the AC power shelf has a fault condition. The alarm clears when the status changes to OK.		
Raising condition: (('Power Supply 1 Status' EQUAL 'Not Equipped') OR ('Power Supply 1 Status' EQUAL 'Failed'))		
Clearing condition: (('Power Supply 1 Status' EQUAL 'OK'))		
Remedial action: Ensure that the NE is properly connected to power. If the problem persists please contact Alcatel-Lucent support for assistance.		

Table 11-118 PowerSupplyInputFeedDown

Alarm	Attributes	Applicable major releases
Name: PowerSupplyInputFeedDown (5422) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.PowerSupplyTray	Severity: minor Implicitly cleared: true Default probable cause: powerSupplyInputFeedDown (2073)	<ul style="list-style-type: none"> 6.0.0 7.0.0
Description: This alarm is generated if any one of the input feeds for a given power supply is not supplying power.		
Raising condition: (('inputFeedStatus' EQUAL 'Input A Down') OR ('inputFeedStatus' EQUAL 'Input B Down') OR (('inputFeedStatus'allBits'Input A Down') AND ('inputFeedStatus'allBits'Input B Down'))		

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Alarm	Attributes	Applicable major releases
Clearing condition: ('inputFeedStatus' EQUAL 'None')		
Remedial action: Restore all of the input feeds that are not supplying power.		

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Table 11-119 PowerSupplyRemoved

Alarm	Attributes	Applicable major releases
Name: PowerSupplyRemoved (542) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.PowerSupplyTray	Severity: major Implicitly cleared: true Default probable cause: PowerSupplyRemoved (415)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0
Description: The alarm is raised when a chassis power supply is removed.		
Raising condition: ('Power Supply 1 Status' EQUAL 'Not Equipped')		
Clearing condition: ('Power Supply 1 Status' NOT EQUAL 'Not Equipped')		
Remedial action: To recover from this event, the customer is requested to add a new power supply to the system, or change a faulty power supply with a working one.		

Table 11-120 PrimaryImageBootFailure

Alarm	Attributes	Applicable major releases
Name: PrimaryImageBootFailure (191) Type: configurationAlarm (11) Package: sw Raised on class: sw.CardSoftware	Severity: warning Implicitly cleared: true Default probable cause: bootOptionFileMisconfigured (150)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0
Description: The alarm is raised when the primary software image specified in an NE BOF is unusable.		
Raising condition: (('imageSource' NOT EQUAL 'Primary') AND ('imageSource' NOT EQUAL 'Unknown'))		
Clearing condition: (('imageSource' EQUAL 'Primary') OR ('imageSource' EQUAL 'Unknown'))		
Remedial action: The SW image on the NE may have been inadvertently corrupted. Download a new copy of the SW image to the NE. If the problem persists contact Alcatel-Lucent support for assistance.		

Table 11-121 PrimaryPathLimitReached

Alarm	Attributes	Applicable major releases
Name: PrimaryPathLimitReached (457) Type: resourceAlarm (28) Package: equipment Raised on class: equipment.DaughterCard	Severity: warning Implicitly cleared: true Default probable cause: resourceLimitReached (131)	<ul style="list-style-type: none"> 6.0.0 7.0.0
Description: The alarm is raised when the Ingress Multicast Path Management primary path bandwidth limit is reached.		
Raising condition: (('Primary Path Limit Override' > '0') AND ('Primary Path In use' >= (1000 * 'Primary Path Limit Override'))"		
Clearing condition: (('Primary Path Limit Override' > '0') AND ('Primary Path In use' < (1000 * 'Primary Path Limit Override'))"		
Remedial action: Informational - The alarm is raised when the Ingress Multicast Path Management primary path bandwidth limit is reached. This can be remedied by modifying the primary path limit located at T1 Paths tab of the multicast bandwidth policy which assigned to the card, or increase the primary path limit override located at the Daughter Card tab under Daughter Card Slot form.		

Table 11-122 PTPNotQualified

Alarm	Attributes	Applicable major releases
Name: PTPNotQualified (3611) Type: communicationsAlarm (4) Package: sonet Raised on class: sonet.SiteSync	Severity: minor Implicitly cleared: true Default probable cause: PTPNotQualified (1400)	<ul style="list-style-type: none"> 6.0.0 7.0.0
Description: The alarm is raised when PTP on an NE is not in the Qualified state.		
Raising condition: (('Qualified For Use' EQUAL 'Not Qualified'))		
Clearing condition: (('Qualified For Use' NOT EQUAL 'Not Qualified'))		
Remedial action: Check the communication path is up between the local PTP slave clock and its selected master		

Table 11-123 PTPPeerLossOfAnnounce

Alarm	Attributes	Applicable major releases
Name: PTPPeerLossOfAnnounce (3608) Type: communicationsAlarm (4) Package: ptp Raised on class: ptp.IEEEPTPPeer	Severity: minor Implicitly cleared: true Default probable cause: PTPPeerLossOfAnnounce (1397)	<ul style="list-style-type: none"> 6.0.0 7.0.0
Description: The alarm is raised when the PTP peer is in the 'Packet Timing Signal Fail (Loss Announce)' state. This indicates that the PTP announce messages are not received from the remote master.		
Raising condition: (('Master GM Alarms'anyBit'Loss of Announce'))		
Clearing condition: NOT (('Master GM Alarms'anyBit'Loss of Announce'))		
Remedial action: Please check if Configured Peer IP address is reachable (ping <Peer Ip>) from the this SR node and PTP configuration is proper.		

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Table 11-124 PTPPeerLossOfSync

Alarm	Attributes	Applicable major releases
Name: PTPPeerLossOfSync (3609) Type: communicationsAlarm (4) Package: ptp Raised on class: ptp.IEEEPTPeer	Severity: minor Implicitly cleared: true Default probable cause: PTPPeerLossOfSync (1398)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0
Description: The alarm is raised when the PTP peer is in the 'Packet Timing Signal Fail (Loss Sync)' state. This indicates that the PTP timing messages are not received from the remote master.		
Raising condition: (('Master GM Alarms'anyBit'Loss of Sync'))		
Clearing condition: NOT (('Master GM Alarms'anyBit'Loss of Sync'))		
Remedial action: Please check if Configured Peer IP address is reachable (ping <Peer Ip>) from the this SR node and PTP configuration is proper.		

Table 11-125 PTPReferenceLossOfSignal

Alarm	Attributes	Applicable major releases
Name: PTPReferenceLossOfSignal (3613) Type: communicationsAlarm (4) Package: sonet Raised on class: sonet.SiteSync	Severity: minor Implicitly cleared: true Default probable cause: PTPReferenceLossOfSignal (1402)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0
Description: The alarm is raised when the PTP reference on an NE is not qualified due to Loss of Signal.		
Raising condition: (('Not Qualified Due To'anyBit'LOS'))		
Clearing condition: NOT (('Not Qualified Due To'anyBit'LOS'))		
Remedial action: Check the communication path is up between the local PTP slave clock and its selected master		

Table 11-126 PTPReferenceOutOfFrequency

Alarm	Attributes	Applicable major releases
Name: PTPReferenceOutOfFrequency (3614) Type: communicationsAlarm (4) Package: sonet Raised on class: sonet.SiteSync	Severity: minor Implicitly cleared: true Default probable cause: PTPReferenceOutOfFrequency (1403)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0
Description: The alarm is raised when the PTP Reference on an NE is not qualified due to Out of frequency.		
Raising condition: (('Not Qualified Due To'anyBit'OOF'))		
Clearing condition: NOT (('Not Qualified Due To'anyBit'OOF'))		
Remedial action: Make sure that frequency configured for Reference One is correct.		

Table 11-127 PTPReferenceOutOfPollInRange

Alarm	Attributes	Applicable major releases
Name: PTPReferenceOutOfPollInRange (3615) Type: communicationsAlarm (4) Package: sonet Raised on class: sonet.SiteSync	Severity: minor Implicitly cleared: true Default probable cause: PTPReferenceOutOfPollInRange (1404)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0
Description: The alarm is raised when the PTP Reference on an NE is not qualified state due to Out of poll in range.		
Raising condition: (('Not Qualified Due To'anyBit'OOPIR'))		
Clearing condition: NOT (('Not Qualified Due To'anyBit'OOPIR'))		
Remedial action: If there is packet flow, the PTP slave clock is in it's initial acquiring states where the sync-if-timing reference does not qualify just wait.		

Table 11-128 RadiusOperStatusDown

Alarm	Attributes	Applicable major releases
Name: RadiusOperStatusDown (3692) Type: radiusOperStatusDownAlarm (105) Package: netw Raised on class: netw.NetworkElement	Severity: critical Implicitly cleared: true Default probable cause: radiusOperationStatusDown (1431)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0
Description: The alarm is raised when all RADIUS servers have gone down.		
Raising condition: ('Global RADIUS Operational State' EQUAL 'Down')		
Clearing condition: ('Global RADIUS Operational State' EQUAL 'Up')		
Remedial action: Verify the RADIUS server is properly configured and radius server state is up. Check the connectivity between SAM server and radius server configured on the Network element.		

Table 11-129 ReachabilityProblem

Alarm	Attributes	Applicable major releases
Name: ReachabilityProblem (243) Type: communicationsAlarm (4) Package: netw Raised on class: netw.NetworkElement	Severity: major Implicitly cleared: true Default probable cause: ReachabilityTestFailed (176)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0
Description: The alarm is raised when a mediation poll of the SysUpTimeAlarm object on an NE fails, for example, because of network congestion or because the NE is too busy to respond. The probable cause is an unreachable NE Mediation agent on the NE. The polling interval depends on the NE type and is configurable in nms-server.xml. By default, the 5620 SAM polls a managed NE every four minutes. If a poll fails, the alarm is raised. The alarm clears when the 5620 SAM receives a response from the NE, and the 5620 SAM GUI icon that represents the NE turns from red to green.		
Raising condition: ('SNMP Reachability' EQUAL 'Down')		

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Alarm	Attributes	Applicable major releases
Remedial action: Informational - if the alarm persists or is occurring frequently then investigation is required to understand a) why the underlying transport network is unreliable or b) why the NE is too busy to respond to 5620 SAM or c) has SNMP been disabled on the NE. Once the issue has been resolved SAM will automatically re-attempt.		

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Table 11-130 ReconfigFailure

Alarm	Attributes	Applicable major releases
Name: ReconfigFailure (1949) Type: communicationsAlarm (4) Package: netw Raised on class: netw.NetworkElement	Severity: critical Implicitly cleared: true Default probable cause: failedReconfig (937)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0
Description: This alarm is raised when the reconfig action failed.		
Raising condition: ('State' EQUAL 'Failed')		
Clearing condition: ('State' NOT EQUAL 'Failed')		
Remedial action: Verify that the object is configured as expected.		

Table 11-131 RedundantMepMisconfiguration

Alarm	Attributes	Applicable major releases
Name: RedundantMepMisconfiguration (3631) Type: oamAlarm (18) Package: ethernetToam Raised on class: ethernetToam.Mep	Severity: minor Implicitly cleared: true Default probable cause: misconfiguredRedundantMep (1416)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0
Description: The alarm is raised when an Active and Redundant MEP do not have the same ID, Operational MAC Address or Sub Group configured.		
Raising condition: ('validRedundantMepConfig' EQUAL 'false')		
Clearing condition: ('validRedundantMepConfig' EQUAL 'true')		
Remedial action: MC-LAG redundant MEP configuration (MEP ID or Mac Address) for Active & Standby Interfaces do not match, this could cause issues with CFM or CCM tests if Active interface changes. Delete and Re-create Standby MEP to match Active.		

Table 11-132 RedundantMepMissing

Alarm	Attributes	Applicable major releases
Name: RedundantMepMissing (3632) Type: oamAlarm (18) Package: ethernetToam Raised on class: ethernetToam.Mep	Severity: minor Implicitly cleared: true Default probable cause: missingRedundantMep (1417)	<ul style="list-style-type: none"> 6.0.0 7.0.0
Description: The alarm is raised when a MEP misses a redundant counterpart on LAG or SAP.		
Raising condition: (('MC-LAG Inactive' NOT EQUAL 'Not Applicable') AND ('Redundant MEP' EQUAL '\'))		
Clearing condition: (('MC-LAG Inactive' EQUAL 'Not Applicable') OR (('MC-LAG Inactive' NOT EQUAL 'Not Applicable') AND ('Redundant MEP' NOT EQUAL '\'))		
Remedial action: MC-LAG redundant MEP is missing Active & Standby Interfaces, this will cause issues with CFM or CCM tests if Active interface changes. Create missing Active/Standby MEP to match existing.		

Table 11-133 RemoteMepCCMAAlarm

Alarm	Attributes	Applicable major releases
Name: RemoteMepCCMAAlarm (502) Type: oamAlarm (18) Package: ethernetToam Raised on class: ethernetToam.Mep	Severity: major Implicitly cleared: true Default probable cause: missingRemoteMep (388)	<ul style="list-style-type: none"> 6.0.0 7.0.0
Description: The alarm is raised when a MEP loses connectivity with one or more remote MEPs. The Remote MEP DB State tab on a MEP lists the missing remote MEPs.		
Raising condition: ('High-Priority Defect' NOT EQUAL '0')		
Clearing condition: ('High-Priority Defect' EQUAL '0')		
Remedial action: MEP has lost communication with Remote MEP defined in Maintenance Association (MEG) Remote MEP list, Either Remote MEP list is incorrect or diagnose connection fault and resolve.		

Table 11-134 RouteDistinguisherNotConfigured

Alarm	Attributes	Applicable major releases
Name: RouteDistinguisherNotConfigured (142) Type: configurationAlarm (11) Package: I3fwd Raised on class: I3fwd.ServiceSite	Severity: major Implicitly cleared: true Default probable cause: routeDistinguisherNotConfigured (113)	<ul style="list-style-type: none"> 6.0.0 7.0.0
Description: The alarm is raised when no RD is configured for an L3 service site.		
Raising condition: ('routeDistinguisher' EQUAL '\00 00 00 00 00 00 00\')		
Clearing condition: ('routeDistinguisher' NOT EQUAL '\00 00 00 00 00 00 00\')		
Remedial action: A configuration error has occurred which must be corrected. The RD must be configured on the L3 Service Site in question.		

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Table 11-135 RsvpDown

Alarm	Attributes	Applicable major releases
Name: RsvpDown (74) Type: ProtocolAlarm (1) Package: rsvp Raised on class: rsvp.Site	Severity: critical Implicitly cleared: true Default probable cause: protocolDown (1)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0
Description: The alarm is raised when an RSVP site has an Operational State other than Up, and the Administrative State is Up.		
Raising condition: (('Administrative State' EQUAL 'Up') AND ('Operational State' NOT EQUAL 'Up'))		
Clearing condition: (('Operational State' EQUAL 'Up') OR ('Administrative State' NOT EQUAL 'Up'))		
Remedial action: The RSVP Site is down while it is administratively up. Please check MPLS is enabled and administratively up.		

Table 11-136 SaveConfigFailed

Alarm	Attributes	Applicable major releases
Name: SaveConfigFailed (105) Type: configurationAlarm (11) Package: sw Raised on class: sw.BackupRestoreManager	Severity: major Implicitly cleared: true Default probable cause: fileAccessError (90)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0
Description: The alarm is raised when the admin save command on an NE fails.		
Raising condition: ('Config Save State' EQUAL 'Failure')		
Clearing condition: ('Config Save State' EQUAL 'Success')		
Remedial action: Attempt the admin save command a second time. If the problem persists please contact Alcatel-Lucent support for assistance.		

Table 11-137 ScheduledPollerProblem

Alarm	Attributes	Applicable major releases
Name: ScheduledPollerProblem (4386) Type: communicationsAlarm (4) Package: netw Raised on class: netw.NetworkElement	Severity: warning Implicitly cleared: true Default probable cause: scheduledResyncFailed (1569)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0
Description: The alarm is raised when the 5620 SAM is unable to poll a network object, for example, because of intermittent or no IP connectivity to an NE, incorrect SNMP security parameters, or disabled SNMP on the NE.		
Raising condition: ('Scheduled Resync Status' EQUAL 'Scheduled Resync Failed')		
Clearing condition: ('Scheduled Resync Status' EQUAL 'Scheduled Resync Done')		
Remedial action: Informational - if the alarm persists or is occurring frequently then investigation is required to understand a) why the underlying transport network is unreliable or b) why the NE is too busy to respond to 5620 SAM or c) has SNMP been disabled on the NE. Once the issue has been resolved SAM will automatically re-attempt.		

Table 11-138 SdpBindingDown

Alarm	Attributes	Applicable major releases
Name: SdpBindingDown (221) Type: SdpBindingAlarm (30) Package: svt Raised on class: svt.SdpBinding	Severity: critical Implicitly cleared: true Default probable cause: SdpBindingNotReady (166)	<ul style="list-style-type: none"> 7.0.0
Description: The alarm is raised when an SDP binding has an Operational State other than Up.		
Raising condition: (('Operational State' NOT EQUAL 'Up') AND ('State Cause' NOT EQUAL 'Standby For BGP Multi-Homing'))		
Clearing condition: (('Operational State' EQUAL 'Up') OR ('State Cause' EQUAL 'Standby For BGP Multi-Homing'))		
Remedial action: To resolve this alarm check the SDP binding to determine if a configuration mismatch exists. If configuration is determined to be correct then the associated network interface may be down. Further investigation is required to determine why the underlying network interface is down.		

Table 11-139 SdpBindingTunnelDown

Alarm	Attributes	Applicable major releases
Name: SdpBindingTunnelDown (222) Type: CircuitAlarm (17) Package: svt Raised on class: svt.SdpBinding	Severity: critical Implicitly cleared: true Default probable cause: SdpTunnelNotReady (167)	<ul style="list-style-type: none"> 6.0.0 7.0.0
Description: The alarm is raised when an SDP binding tunnel has an Operational State other than Up.		
Raising condition: (('Operational State' EQUAL 'Tunnel Not Ready') OR ('Operational State' EQUAL 'Tunnel Down'))		
Clearing condition: (('Operational State' NOT EQUAL 'Tunnel Not Ready') AND ('Operational State' NOT EQUAL 'Tunnel Down'))		
Remedial action: To resolve this alarm check the endpoints of the SDP binding to determine if a configuration mismatch exists. If configuration matches then the underlying network resource between the endpoints of the SDP may be down. Further investigation is required to determine why the underlying transport network is down.		

Table 11-140 SdpEgressIfsNetDomainInConsistent

Alarm	Attributes	Applicable major releases
Name: SdpEgressIfsNetDomainInConsistent (3616) Type: resourceAlarm (28) Package: svt Raised on class: svt.Tunnel	Severity: warning Implicitly cleared: true Default probable cause: sdpEgressIfsNetDomainInConsistent (1405)	<ul style="list-style-type: none"> 7.0.0
Description: The alarm is raised when the SDP egress interface's consistency state changes to inconsistent.		
Raising condition: ('Egress Interfaces Consistency State' EQUAL '3')		
Clearing condition: ('Egress Interfaces Consistency State' EQUAL '2')		
Remedial action: To resolve this alarm check egress interfaces of the SDP configuration. If configuration is determined to be correct check underlying physical transport. Further investigation is required.		

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Table 11-141 SecondaryPathLimitReached

Alarm	Attributes	Applicable major releases
Name: SecondaryPathLimitReached (458) Type: resourceAlarm (28) Package: equipment Raised on class: equipment.DaughterCard	Severity: warning Implicitly cleared: true Default probable cause: resourceLimitReached (131)	<ul style="list-style-type: none"> 6.0.0 7.0.0
Description: The alarm is raised when the Ingress Multicast Path Management secondary path bandwidth limit is reached.		
Raising condition: (('Secondary Path Limit Override' > '0') AND ('Secondary Path In use' >= (1000 * 'Secondary Path Limit Override'))"		
Clearing condition: (('Secondary Path Limit Override' > '0') AND ('Secondary Path In use' < (1000 * 'Secondary Path Limit Override'))"		
Remedial action: Informational - The alarm is raised when the Ingress Multicast Path Management secondary path bandwidth limit is reached. This can be remedied by modifying the secondary path limit located at T1 Paths tab of the multicast bandwidth policy which assigned to the card, or increase the secondary path limit override located at the Daughter Card tab under Daughter Card Slot form.		

Table 11-142 ServiceSiteDown

Alarm	Attributes	Applicable major releases
Name: ServiceSiteDown (97) Type: serviceAlarm (16) Package: service Raised on class: service.Site	Severity: critical Implicitly cleared: true Default probable cause: siteDown (83)	<ul style="list-style-type: none"> 6.0.0 7.0.0
Description: The alarm is raised when all SAPs on a site are operationally down, or when the service tunnels for the site are operationally down.		
Raising condition: (('Operational State' NOT EQUAL 'Up') AND ('State Cause' NOT EQUAL 'All Spoke SDP Bindings are Standby'))"		
Clearing condition: (('Operational State' EQUAL 'Up') OR ('State Cause' EQUAL 'All Spoke SDP Bindings are Standby'))"		
Remedial action: The network resources (i.e. physical ports for SAPs, or physical ports/LSP) associated with the service site should be examined to determine if/why they are operationally down. The underlying transport network supporting the site may also be unreliable.		

Table 11-143 SessionDown

Alarm	Attributes	Applicable major releases
Name: SessionDown (73) Type: ProtocolAlarm (1) Package: rsvp Raised on class: rsvp.Session	Severity: critical Implicitly cleared: true Default probable cause: interfaceDown (32)	<ul style="list-style-type: none"> 6.0.0 7.0.0
Description: The alarm is raised when an RSVP session is operationally down.		
Raising condition: ('Operational State' EQUAL 'Down')		
Clearing condition: ('Operational State' EQUAL 'Up')		

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Alarm	Attributes	Applicable major releases
Remedial action: Please check the RSVP session path to make sure all associated protocols/interfaces/connections are OK.		

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Table 11-144 SingleSFMOverloadDetected

Alarm	Attributes	Applicable major releases
Name: SingleSFMOverloadDetected (843) Type: ProtocolAlarm (1) Package: I3fwd Raised on class: I3fwd.Site	Severity: major Implicitly cleared: true Default probable cause: singleSfmOverloadDetected (601)	<ul style="list-style-type: none"> 7.0.0
Description: The alarm is raised when a device reports a single-SFM overload. The alarm clears when the VR exits the Overload state.		
Raising condition: ('Overload State' EQUAL 'Overload')		
Clearing condition: ('Overload State' EQUAL 'Normal')		
Remedial action: Information - if the problem persists please contact Alcatel-Lucent support for assistance.		

Table 11-145 StatsRetrieveFailed

Alarm	Attributes	Applicable major releases
Name: StatsRetrieveFailed (244) Type: configurationAlarm (11) Package: sw Raised on class: sw.AccountingStatsRetrievalManager	Severity: major Implicitly cleared: false Default probable cause: fileTransferFailure (89)	<ul style="list-style-type: none"> 6.0.0 7.0.0
Description: The alarm is raised when the 5620 SAM main or auxiliary server cannot transfer an accounting file from an NE.		
Raising condition: (('Stats Retrieval State' NOT EQUAL 'Success') AND ('Stats Retrieval State' NOT EQUAL 'Not Attempted'))		
Remedial action: Informational - if the alarm persists or is occurring frequently then investigation is required to understand a) why the underlying transport network is unreliable or b) why the NE is too busy or otherwise cannot respond to the 5620 SAM main or auxiliary server.		

Table 11-146 StpExceptionCondition

Alarm	Attributes	Applicable major releases
Name: StpExceptionCondition (297) Type: AccessInterfaceAlarm (32) Package: I2fwd Raised on class: I2fwd.AccessInterfaceStp	Severity: major Implicitly cleared: true Default probable cause: StpException (228)	<ul style="list-style-type: none"> 6.0.0 7.0.0

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Alarm	Attributes	Applicable major releases
Description: The alarm is raised when a SAP detects an STP exception condition, for example, one-way communication or a downstream loop. The alarm clears when the STP condition changes.		
Raising condition: (('STP Exception Condition' NOT EQUAL 'None') AND ('Administrative State' EQUAL 'Up'))		
Clearing condition: (('STP Exception Condition' EQUAL 'None') OR ('Administrative State' EQUAL 'Down'))		
Remedial action: Check 'STP Exception Condition' field for more details and fix the STP exception.		

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Table 11-147 StpRootGuardViolation

Alarm	Attributes	Applicable major releases
Name: StpRootGuardViolation (503) Type: AccessInterfaceAlarm (32) Package: I2fwd Raised on class: I2fwd.AccessInterfaceStp	Severity: warning Implicitly cleared: true Default probable cause: spanningTreeTopologyChanged (331)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0
Description: The alarm is raised when a SAP detects an STP root guard violation.		
Raising condition: ('Root Guard Violation' EQUAL 'true')		
Clearing condition: ('Root Guard Violation' NOT EQUAL 'true')		
Remedial action: Set 'Root Guard' to false if not necessary.		

Table 11-148 SubscriberSystemNextHopUsageHigh

Alarm	Attributes	Applicable major releases
Name: SubscriberSystemNextHopUsageHigh (5157) Type: thresholdCrossed (6) Package: netw Raised on class: netw.NetworkElement	Severity: minor Implicitly cleared: true Default probable cause: resourceFull (53)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0
Description: The alarm is raised when the IP next-hop usage by subscriber managed routes reaches its high watermark, cleared when it reaches its low watermark again; the watermarks are derived from the limit specified with the property subSysNextHopLimit.		
Raising condition: ('IP Next Hop Usage High' EQUAL 'true')		
Clearing condition: ('IP Next Hop Usage High' EQUAL 'false')		
Remedial action: The alarm is raised when the IP next-hop usage by subscriber managed routes reaches its high watermark, cleared when it reaches its low watermark again; the watermarks are derived from the limit specified with the property subSysNextHopLimit. There is no immediate effect, but when the usage actually hits the limit, new hosts will not get their managed routes.		

Table 11-149 SubSysChassMemoryUsageHi

Alarm	Attributes	Applicable major releases
Name: SubSysChassMemoryUsageHi (5656) Type: thresholdCrossed (6) Package: equipment Raised on class: equipment.Shelf	Severity: minor Implicitly cleared: true Default probable cause: resourceFull (53)	<ul style="list-style-type: none"> 6.0.0 7.0.0
Description: This alarm is raised when the memory usage by subscriber management on this system or chassis reaches its high watermark ('true').		
Raising condition: ('Memory Usage High' EQUAL 'True')		
Clearing condition: (('Memory Usage High' EQUAL 'False') OR ('Memory Usage High' EQUAL 'unspecified'))		
Remedial action: The memory usage by subscriber management on this system has reached its high watermark. Please check your memory usage.		

Table 11-150 TemperatureThresholdCrossed

Alarm	Attributes	Applicable major releases
Name: TemperatureThresholdCrossed (7) Type: environmentalAlarm (2) Package: equipment Raised on class: equipment.Environment	Severity: major Implicitly cleared: true Default probable cause: equipmentOverheated (5)	<ul style="list-style-type: none"> 6.0.0 7.0.0
Description: The alarm is raised when a temperature crosses a threshold.		
Raising condition: ('temperatureThresholdCrossed' EQUAL 'true')		
Clearing condition: ('temperatureThresholdCrossed' EQUAL 'false')		
Remedial action: The NE has detected internal temperatures which are abnormally high. This could be caused by a failed fan unit or one or more dirty fan filters. Replacing the failed unit or filters should resolve the problem. Alternately the environment that the NE is operating in may not be within specifications found in the NE user guides.		

Table 11-151 TmnxEqPortEtherLoopDetected

Alarm	Attributes	Applicable major releases
Name: TmnxEqPortEtherLoopDetected (461) Type: portEtherLoopDetected (48) Package: ethernetequipment Raised on class: ethernetequipment.EthernetPortSpecifics	Severity: major Implicitly cleared: true Default probable cause: HighBer (238)	<ul style="list-style-type: none"> 6.0.0 7.0.0
Description: The alarm is raised when a device detects a physical loop on an Ethernet port.		
Raising condition: (('Down When Looped Status' EQUAL 'Loop Detected'))		
Clearing condition: (('Down When Looped Status' EQUAL 'No Loop Detected'))		
Remedial action: An Ethernet port has been mis-cabled - please remove the loopback cable on the port.		

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Table 11-152 TrapDestinationMisconfigured

Alarm	Attributes	Applicable major releases
Name: TrapDestinationMisconfigured (33) Type: configurationAlarm (11) Package: netw Raised on class: netw.NetworkElement	Severity: major Implicitly cleared: true Default probable cause: trapDestinationMisconfigured (26) Applicable probable causes: <ul style="list-style-type: none"> trapDestinationMisconfigured duplicateTrapLogId 	<ul style="list-style-type: none"> 6.0.0 7.0.0
Description: The alarm is raised when the 5620 SAM cannot be added to the NE's SNMP trap destinations.		
Raising condition: ('isTrapDestinationMisconfigured' EQUAL 'true')		
Clearing condition: ('isTrapDestinationMisconfigured' EQUAL 'false')		
Remedial action: A configuration error has been made which must be corrected. The SNMP trap destination on the NE must be configured to the IP address of the SAM server.		

Table 11-153 TrapReceivingFailure

Alarm	Attributes	Applicable major releases
Name: TrapReceivingFailure (1083) Type: communications (87) Package: netw Raised on class: netw.NetworkElement	Severity: major Implicitly cleared: false Default probable cause: trapsWillNotBeSent (822)	<ul style="list-style-type: none"> 6.0.0 7.0.0
Description: This user-defined alarm is raised when the NE is unable to send traps because the NE configuration is one of the following: - The Management IP Selection is set to Out Of Band Only, the Primary Route Preference is set to In Band, and the Secondary Route Preference is set to None. - The Management IP Selection is set to In Band Only, the Primary Route Preference is set to Out Of Band, and the Secondary Route Preference is set to None.		
Raising condition: (((('Active Management IP' EQUAL 'In Band') AND ('Management IP Selection' EQUAL 'In Band Only') AND ('Primary Route Preference' EQUAL 'Out Of Band') AND ('Secondary Route Preference' EQUAL 'None')) OR (('Active Management IP' EQUAL 'Out Of Band') AND ('Management IP Selection' EQUAL 'Out Of Band Only') AND ('Primary Route Preference' EQUAL 'In Band') AND ('Secondary Route Preference' EQUAL 'None')) OR (('Active Management IP' EQUAL 'Out Of Band') AND ('Management IP Selection' EQUAL 'In Band Preferred') AND ('Primary Route Preference' EQUAL 'In Band') AND ('Secondary Route Preference' EQUAL 'None')) OR (('Active Management IP' EQUAL 'In Band') AND ('Management IP Selection' EQUAL 'Out Of Band Preferred') AND ('Primary Route Preference' EQUAL 'Out Of Band') AND ('Secondary Route Preference' EQUAL 'None'))))		
Clearing condition: (((('Active Management IP' EQUAL 'In Band') AND ('Management IP Selection' EQUAL 'In Band Only') AND (('Primary Route Preference' EQUAL 'In Band') OR ('Secondary Route Preference' EQUAL 'In Band')) OR (('Active Management IP' EQUAL 'Out Of Band') AND ('Management IP Selection' EQUAL 'Out Of Band Only') AND (('Primary Route Preference' EQUAL 'Out Of Band') OR ('Secondary Route Preference' EQUAL 'Out Of Band')) OR (('Active Management IP' EQUAL 'Out Of Band') AND ('Management IP Selection' EQUAL 'In Band Preferred') AND (('Primary Route Preference' EQUAL 'In Band') OR ('Secondary Route Preference' EQUAL 'In Band')) OR (('Active Management IP' EQUAL 'In Band') AND ('Management IP Selection' EQUAL 'Out Of Band Preferred') AND (('Primary Route Preference' EQUAL 'In Band') OR ('Secondary Route Preference' EQUAL 'In Band')) OR (('Active Management IP' EQUAL 'Out Of Band') AND ('Management IP Selection' EQUAL 'Out Of Band Preferred') AND (('Primary Route Preference' EQUAL 'Out Of Band') OR ('Secondary Route Preference' EQUAL 'Out Of Band'))))		
Remedial action: A configuration error has been made which must be corrected. The configuration error must be corrected per the discussion in the description for this alarm.		

Table 11-154 TrapRoutePreferenceRedundancyMissing

Alarm	Attributes	Applicable major releases
Name: TrapRoutePreferenceRedundancyMissing (1084) Type: communications (87) Package: netw Raised on class: netw.NetworkElement	Severity: warning Implicitly cleared: true Default probable cause: trapsRedundancyMissing (823)	<ul style="list-style-type: none"> 6.0.0 7.0.0
Description: The user-defined alarm is raised when NE management redundancy is configured without trap route preference redundancy.		
Raising condition: (((('Management IP Selection' EQUAL 'In Band Preferred') AND ('Active Management IP' EQUAL 'In Band') AND ('Primary Route Preference' EQUAL 'In Band') AND ('Secondary Route Preference' EQUAL 'None')) OR (('Management IP Selection' EQUAL 'Out Of Band Preferred') AND ('Active Management IP' EQUAL 'Out Of Band') AND ('Primary Route Preference' EQUAL 'Out Of Band') AND ('Secondary Route Preference' EQUAL 'None'))))		
Clearing condition: (((('Management IP Selection' EQUAL 'In Band Preferred') AND ('Active Management IP' EQUAL 'In Band') AND ('Secondary Route Preference' NOT EQUAL 'None')) OR (('Management IP Selection' EQUAL 'Out Of Band Preferred') AND ('Active Management IP' EQUAL 'Out Of Band') AND ('Secondary Route Preference' NOT EQUAL 'None'))))		
Remedial action: A configuration error has been made which must be corrected. The IP address of the standby SAM server must be configured on the NE in question.		

Table 11-155 TunnelAdministrativelyDown (mpls)

Alarm	Attributes	Applicable major releases
Name: TunnelAdministrativelyDown (523) Type: pathAlarm (12) Package: mpls Raised on class: mpls.Tunnel	Severity: minor Implicitly cleared: true Default probable cause: tunnelAdministrativelyDown (333)	<ul style="list-style-type: none"> 6.0.0 7.0.0
Description: The alarm is raised when the 5620 SAM detects that an MPLS path is administratively down.		
Raising condition: ('Administrative' NOT EQUAL 'Up')		
Clearing condition: ('Administrative' EQUAL 'Up')		
Remedial action: Turn up the corresponding MPLS path.		

Table 11-156 TunnelAdministrativelyDown (svt)

Alarm	Attributes	Applicable major releases
Name: TunnelAdministrativelyDown (523) Type: pathAlarm (12) Package: svt Raised on class: svt.Tunnel	Severity: minor Implicitly cleared: true Default probable cause: tunnelAdministrativelyDown (333)	<ul style="list-style-type: none"> 6.0.0 7.0.0
Description: The alarm is raised when the 5620 SAM detects that a service tunnel is administratively down.		
Raising condition: ('administrativeState' NOT EQUAL 'Up')		

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Alarm	Attributes	Applicable major releases
Clearing condition: ('administrativeState' EQUAL 'Up')		
Remedial action: Informational - an operator has manually turned down a service tunnel.		

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Table 11-157 TunnelDown (mpls)

Alarm	Attributes	Applicable major releases
Name: TunnelDown (30) Type: pathAlarm (12) Package: mpls Raised on class: mpls.Tunnel	Severity: warning Implicitly cleared: true Default probable cause: tunnelDown (23)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0
Description: The alarm is raised when an MPLS path has an Operational State other than Up, and the Administrative State is Up.		
Raising condition: (('Administrative' EQUAL 'Up') AND ('Operational' NOT EQUAL 'Up'))		
Clearing condition: (('Operational' EQUAL 'Up') OR ('Administrative' NOT EQUAL 'Up'))		
Remedial action: Check the network resources along the path.		

Table 11-158 TunnelDown (svt)

Alarm	Attributes	Applicable major releases
Name: TunnelDown (30) Type: pathAlarm (12) Package: svt Raised on class: svt.AbstractTunnel	Severity: critical Implicitly cleared: true Default probable cause: tunnelDown (23)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0
Description: The alarm is raised when the 5620 SAM detects that a service tunnel is operationally down.		
Raising condition: (('Administrative' EQUAL 'Up') AND ('Operational' NOT EQUAL 'Up'))		
Clearing condition: (('Operational' EQUAL 'Up') OR ('Administrative' NOT EQUAL 'Up'))		
Remedial action: This alarm indicates that a problem has been made in the underlying transport network. If the alarm persists or re-occurs frequently then investigation of the underlying transport issues is warranted.		

Table 11-159 UnidentifiedNode

Alarm	Attributes	Applicable major releases
Name: UnidentifiedNode (1922) Type: communicationsAlarm (4) Package: netw Raised on class: netw.DiscoveredNode	Severity: major Implicitly cleared: true Default probable cause: unidentifiedNode (922)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0

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Alarm	Attributes	Applicable major releases
Description: The alarm is raised when the node being discovered can not be properly identified.		
Raising condition: ('State' EQUAL 'Pending Identification')		
Clearing condition: ('State' NOT EQUAL 'Pending Identification')		
Remedial action: A configuration error has occurred that must be corrected. The eNodeB does not have a system name. The name can be configured by selecting the alarm, opening the associated properties form for the alarmed object and configuring the system name.		

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Table 11-160 UnmanageFailed

Alarm	Attributes	Applicable major releases
Name: UnmanageFailed (300) Type: discoveryControlAlarm (33) Package: netw Raised on class: netw.NodeDiscoveryControl	Severity: warning Implicitly cleared: true Default probable cause: unableToDeleteNode (231)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0
Description: The alarm is raised when an attempt to unmanage an NE fails.		
Raising condition: ('Site State' EQUAL 'Unmanage Failed')		
Clearing condition: ('Site State' NOT EQUAL 'Unmanage Failed')		
Remedial action: Informational - if the alarm persists please contact Alcatel-Lucent support for assistance		

Table 11-161 UpgradedBuildVersionMismatch

Alarm	Attributes	Applicable major releases
Name: UpgradedBuildVersionMismatch (174) Type: configurationAlarm (11) Package: netw Raised on class: netw.NetworkElement	Severity: warning Implicitly cleared: true Default probable cause: upgradedImageNotBooted (137)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0
Description: The alarm is raised when the software version that an NE reports after a software upgrade does not match the version of the software used for the upgrade.		
Raising condition: ('upgradedBuildVersionMismatch' EQUAL 'true')		
Clearing condition: ('upgradedBuildVersionMismatch' EQUAL 'false')		
Remedial action: Informational - if the alarm persists please contact Alcatel-Lucent support for assistance		

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Table 11-162 upgradedCardAlarm

Alarm	Attributes	Applicable major releases
Name: upgradedCardAlarm (255) Type: softwareAlarm (19) Package: equipment Raised on class: equipment.Card	Severity: warning Implicitly cleared: true Default probable cause: upgradedCard (194)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0
Description: The alarm is raised when the standby CPM is rebooted and operational after a software upgrade. A device resets an IOM automatically after 120 minutes if the IOM is not manually reset after a CPM upgrade.		
Raising condition: ('operationalState' EQUAL 'Upgrade')		
Clearing condition: ('operationalState' EQUAL 'Up')		
Remedial action: Informational - no corrective action required.		

Table 11-163 VersionConfigRestoreFailed

Alarm	Attributes	Applicable major releases
Name: VersionConfigRestoreFailed (536) Type: configurationAlarm (11) Package: sw Raised on class: sw.BackupRestoreManager	Severity: major Implicitly cleared: true Default probable cause: versionMismatch (405)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0
Description: The alarm is raised when the restore procedure on an NE fails because of a mismatch between the backup file set version and the NE software version.		
Raising condition: ('lastNmsVersionRestoreState' EQUAL 'Failure')		
Clearing condition: ('lastNmsVersionRestoreState' EQUAL 'Success')		
Remedial action: The backup files being restored do not match with the version of node software release. Download a new copy of the SW image to the NE. If the problem persists contact Alcatel-Lucent support for assistance.		

Table 11-164 VirtualLinkDown

Alarm	Attributes	Applicable major releases
Name: VirtualLinkDown (122) Type: VirtualLinkAlarm (21) Package: ospf Raised on class: ospf.VirtualLink	Severity: warning Implicitly cleared: true Default probable cause: VirtualLinkDown (104)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0
Description: The alarm is raised when a virtual link is Down.		
Raising condition: ('Operational State' EQUAL 'Down')		
Clearing condition: ('Operational State' NOT EQUAL 'Down')		

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Alarm	Attributes	Applicable major releases
<p>Remedial action: This alarm is raised when the OSPF virtual link is operationally down. The situation may occur if the underlying physical interface is down either because of administrative disabling or a fault on the far end port or due to a cable connection or cable failure. This alarm will also be raised if the underlying transport network fails or is unreliable. Resolving the underlying instability in the transport network will correct this problem.</p>		

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Table 11-165 VirtualNeighborDown

Alarm	Attributes	Applicable major releases
Name: VirtualNeighborDown (123) Type: VirtualNeighborDown (22) Package: ospf Raised on classes: <ul style="list-style-type: none"> ospf.ShamLink ospf.VirtualLink 	Severity: warning Implicitly cleared: true Default probable cause: VirtualNeighborDown (105)	<ul style="list-style-type: none"> 6.0.0 7.0.0
<p>Description: The alarm is raised when a neighbor virtual link is operationally down.</p>		
<p>Raising condition: ('neighborCount' EQUAL '0L')</p>		
<p>Clearing condition: ('neighborCount' NOT EQUAL '0L')</p>		
<p>Remedial action: This alarm is raised when the OSPF neighbor virtual link is operationally down. The situation may occur if the underlying physical interface is down either because of administrative disabling or a fault on the far end port or due to a cable connection or cable failure. This alarm will also be raised if the underlying transport network fails or is unreliable. Resolving the underlying instability in the transport network will correct this problem.</p>		

Table 11-166 VwmShelfCardIdMismatch

Alarm	Attributes	Applicable major releases
Name: VwmShelfCardIdMismatch (5660) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.VWMCARDSlot	Severity: major Implicitly cleared: true Default probable cause: VwmShelfCardIdMismatch (2437)	<ul style="list-style-type: none"> 6.0.0 7.0.0
<p>Description: The alarm is raised when the configured vwm card id is different than the equipped vwm card.</p>		
<p>Raising condition: ('administrativeState' EQUAL 'Up')</p>		
<p>Clearing condition: (('Assigned VWM Card Type' EQUAL 'Not Provisioned') OR ('Assigned VWM Card Type' EQUAL 'Not Equipped')) OR ('administrativeState' EQUAL 'Down')</p>		
<p>Remedial action: This alarm is raised when the detected VWM shelf card id does not match the provisioned id. Please follow the below steps to clear this alarm: a. Check the id on the rotary dial on the VWM Shelf. b. Use any of the following commands to clear the alarm. c. To change the VWM shelf id("config system vwm-shelf <shelf-id> . d. To delete an existing shelf("config system no vwm-shelf <shelf-id>").</p>		

Table 11-167 WrongCpaaSoftwareVersion

Alarm	Attributes	Applicable major releases
Name: WrongCpaaSoftwareVersion (791) Type: equipmentAlarm (3) Package: netw Raised on class: netw.NetworkElement	Severity: critical Implicitly cleared: true Default probable cause: wrongCpaaSoftwareVersion (559)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0
Description: The alarm is raised when the 7701 CPAA software is the wrong version and requires an upgrade.		
Raising condition: (('Software Version' EQUAL '\TIMOS-B-3.0.Generic \') AND ('Chassis Type' EQUAL '7701 CPAA'))		
Clearing condition: (('Software Version' NOT EQUAL '\TIMOS-B-3.0.Generic \') AND ('Chassis Type' EQUAL '7701 CPAA'))		
Remedial action: The SW version of the CPAA must be upgraded to the version compatible with CPAM version.		

Table 11-168 XplError

Alarm	Attributes	Applicable major releases
Name: XplError (573) Type: hardwareAnomaly (55) Package: equipment Raised on class: equipment.DaughterCard	Severity: minor Implicitly cleared: true Default probable cause: xplError (443)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0
Description: The alarm is raised when an MDA reports persistent XPL Errors.		
Raising condition: ('Number Of Notifications' NOT EQUAL '0')		
Clearing condition: ('Number Of Notifications' EQUAL '0')		
Remedial action: Informational - if the condition persists then the MDA indicated in the alarm should be replaced.		

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Note – Some alarms that the 5620 SAM can raise against this device may not be listed in this chapter. Associating alarms with specific NE types is an ongoing Alcatel-Lucent effort. If the 5620 SAM raises an alarm against this device type, and the alarm is not described in this chapter, see chapter 41 for information about the alarm.

Table 12-1 AccessInterfaceDown

Alarm	Attributes	Applicable major releases
Name: AccessInterfaceDown (249) Type: AccessInterfaceAlarm (32) Package: service Raised on class: service.AccessInterface	Severity: critical Implicitly cleared: true Default probable cause: interfaceDown (32)	<ul style="list-style-type: none"> • 4.0.0 • 5.0.0 • 6.0.0 • 7.0.0
Description: The alarm is raised when an L2 or L3 interface operational state is Down. The alarm is not raised against an L2 access interface that is associated with an MC ring or MC LAG in the standby state.		
Raising condition: (('Operational State' NOT EQUAL 'Up') AND ('State Cause' NOT EQUAL 'Standby For MC-Ring') AND ('State Cause' NOT EQUAL 'Standby For MC-Lag') AND ('State Cause' NOT EQUAL 'Standby For BGP Multi-homing'))		
Clearing condition: (('Operational State' EQUAL 'Up') OR ('State Cause' EQUAL 'Standby For MC-Ring') OR ('State Cause' EQUAL 'Standby For MC-Lag') OR ('State Cause' EQUAL 'Standby For BGP Multi-homing'))		
Remedial action: The condition exists because the physical interface is down either because it is administratively disabled, faulty or a cabling fault has occurred. Ensure that the interface is administratively up. Check for a poor cable connection to the port or for a faulty cable/fiber. If neither appears to be the problem run diagnostics on the port to determine if it is faulty.		

Table 12-2 ActiveAbnormalCondition

Alarm	Attributes	Applicable major releases
Name: ActiveAbnormalCondition (3938) Type: activeAbnormalConditionAlarm (116) Package: netw Raised on class: netw.NetworkElement	Severity: major Implicitly cleared: true Default probable cause: ActiveAbnormalConditionState (1520)	<ul style="list-style-type: none"> • 4.0.0 • 5.0.0 • 6.0.0 • 7.0.0
Description: The alarm is an indication for abnormal condition on NE.		
Raising condition: ('abnormalCondition' EQUAL 'true')		
Clearing condition: ('abnormalCondition' EQUAL 'false')		
Remedial action: This alarm is raised when there is a abnormal state indication on NE.		

Table 12-3 AggregatedVFLPortDown

Alarm	Attributes	Applicable major releases
Name: AggregatedVFLPortDown (5436) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.Shelf	Severity: critical Implicitly cleared: true Default probable cause: connectivityIssue (2137)	<ul style="list-style-type: none"> • 4.0.0 • 5.0.0 • 6.0.0 • 7.0.0
Description: The alarm is generated when the aggregated virtual fabric link on the virtual chassis slot is down.		
Raising condition: (('Shelf Type' EQUAL '7850') AND ('Total Slots' EQUAL '4') AND ('Virtual Fabric Link State' NOT EQUAL 'Up'))		
Clearing condition: (('Shelf Type' EQUAL '7850') AND ('Total Slots' EQUAL '4') AND ('Virtual Fabric Link State' EQUAL 'Up'))		
Remedial action: The alarm is raised when the aggregated virtual fabric link on the virtual chassis is down. Please check the virtual fabric links for the virtual chassis setup.		

Table 12-4 AGWDiameterPeerDown

Alarm	Attributes	Applicable major releases
Name: AGWDiameterPeerDown (844) Type: EpcAlarm (59) Package: Ite Raised on class: Ite.AGWDiameterPeer	Severity: variable Implicitly cleared: true Default probable cause: EPSPeerDown (602)	<ul style="list-style-type: none"> • 4.0.0 • 5.0.0 • 6.0.0 • 7.0.0
Description: The alarm is raised when the path management state of a Diameter peer changes to a state other than Up.		
Raising condition: ('Path Diameter Management State' NOT EQUAL 'Active')		
Clearing condition: ('Path Diameter Management State' EQUAL 'Active')		
Remedial action: A Ga reference point (peer) is operationally down for one of the following reasons: the underlying IP or physical interface is down, the far end peer is down or the underlying transport between this NE and the peer NE is down. To resolve the issue ensure that the IP/physical interface is up, check that the far end peer is operational and check that the underlying transport network is up.		

Table 12-5 AncillaryPathLimitReached

Alarm	Attributes	Applicable major releases
Name: AncillaryPathLimitReached (459) Type: resourceAlarm (28) Package: equipment Raised on class: equipment.DaughterCard	Severity: warning Implicitly cleared: true Default probable cause: resourceLimitReached (131)	<ul style="list-style-type: none"> • 4.0.0 • 5.0.0 • 6.0.0 • 7.0.0
Description: The alarm is raised when the Ingress Multicast Path Management ancillary path bandwidth limit is reached.		
Raising condition: (('Ancillary Path Limit Override' > '0') AND ('Ancillary Path In use' >= " (1000 * 'Ancillary Path Limit Override')"))		
Clearing condition: (('Ancillary Path Limit Override' > '0') AND ('Ancillary Path In use' < (1000 * 'Ancillary Path Limit Override'))		
Remedial action: Informational - The alarm is raised when the Ingress Multicast Path Management ancillary path bandwidth limit is reached. This can be remedied by modifying the ancillary path limit located at T1 Paths tab of the multicast bandwidth policy which assigned to the card, or increase the ancillary path limit override located at the Daughter Card tab under Daughter Card Slot form.		

Table 12-6 AreaTypeMismatch

Alarm	Attributes	Applicable major releases
Name: AreaTypeMismatch (38) Type: configurationAlarm (11) Package: ospf Raised on class: ospf.Area	Severity: warning Implicitly cleared: true Default probable cause: areaTypeMisconfigured (34)	<ul style="list-style-type: none"> • 4.0.0 • 5.0.0 • 6.0.0 • 7.0.0
Description: The alarm is raised when an OSPF area on one NE is configured as an NSSA and the same OSPF area on another NE is configured as a stub area.		
Raising condition: ('Type Mismatch' EQUAL 'true')		
Clearing condition: ('Type Mismatch' EQUAL 'false')		
Remedial action: A configuration error has been made which must be corrected. The OSPF area type configured for the NE does not match with the same OSPF area configured on another NE. Compare the configuration on the endpoint and correct the mismatch.		

Table 12-7 AsymmetricalConfig (multichassis)

Alarm	Attributes	Applicable major releases
Name: AsymmetricalConfig (295) Type: configurationAlarm (11) Package: multichassis Raised on classes: <ul style="list-style-type: none"> • multichassis.AbstractMultiChassisLag • multichassis.MultiChassisLagMember • multichassis.AbstractMultiChassisPeer 	Severity: major Implicitly cleared: true Default probable cause: asymmetricalConfig (226)	<ul style="list-style-type: none"> • 4.0.0 • 5.0.0 • 6.0.0 • 7.0.0
Description: The alarm is raised when there is a peer configuration mismatch that prevents MC operation.		

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Alarm	Attributes	Applicable major releases
Raising condition: ('Config Mismatches' NOT EQUAL '0L')		
Clearing condition: ('Config Mismatches' EQUAL '0L')		
Remedial action: Check configurations on both members to see anything not matched.		

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Table 12-8 AuthKeyConflict (rsvp)

Alarm	Attributes	Applicable major releases
Name: AuthKeyConflict (5188) Type: processingErrorAlarm (81) Package: rsvp Raised on class: rsvp.AuthenticationKey	Severity: warning Implicitly cleared: true Default probable cause: AuthKeyConflict (2103)	<ul style="list-style-type: none"> • 4.0.0 • 5.0.0 • 6.0.0 • 7.0.0
Description: The alarm is raised when both Authentication Key and RSVP Keychain are configured. RSVP Keychain will be used.		
Raising condition: (('RSVP Keychain' NOT EQUAL '') AND ('enableAuthentication' EQUAL 'true'))		
Clearing condition: (('RSVP Keychain' EQUAL '') OR ('enableAuthentication' NOT EQUAL 'true'))		
Remedial action: Authentication Key and RSVP Keychain are both configured. RSVP Keychain will be used. The alarm is cleared when only one is configured.		

Table 12-9 AuxiliaryServerStatus

Alarm	Attributes	Applicable major releases
Name: AuxiliaryServerStatus (311) Type: communicationsAlarm (4) Package: server Raised on class: server.AuxiliaryServer	Severity: critical Implicitly cleared: true Default probable cause: systemFailed (144)	<ul style="list-style-type: none"> • 4.0.0 • 5.0.0 • 6.0.0 • 7.0.0
Description: The alarm is raised when a 5620 SAM main server cannot communicate with an auxiliary server. The alarm clears when communication is restored.		
Raising condition: ('Server Status' EQUAL 'Down')		
Clearing condition: ('Server Status' EQUAL 'Up')		
Remedial action: Informational - if the alarm persists or is occurring frequently then investigation is required to understand why the connectivity between the AUX and SAM servers is unreliable.		

Table 12-10 BfdInterfaceConnectionBroken

Alarm	Attributes	Applicable major releases
Name: BfdInterfaceConnectionBroken (3329) Type: serviceAlarm (16) Package: vrrp Raised on class: vrrp.BfdInterface	Severity: minor Implicitly cleared: true Default probable cause: bfdSessionConnectionBroken (593)	<ul style="list-style-type: none"> • 5.0.0 • 6.0.0 • 7.0.0
Description: The alarm is raised when the BFD connection to a peer times out.		
Raising condition: ('Operational State' EQUAL 'Timed Out')		
Clearing condition: ('Operational State' NOT EQUAL 'Timed Out')		
Remedial action: Check the peer router, fix the BFD connection		

Table 12-11 BfdInterfaceConnectionDown

Alarm	Attributes	Applicable major releases
Name: BfdInterfaceConnectionDown (3330) Type: serviceAlarm (16) Package: vrrp Raised on class: vrrp.BfdInterface	Severity: minor Implicitly cleared: true Default probable cause: bfdSessionDown (346)	<ul style="list-style-type: none"> • 5.0.0 • 6.0.0 • 7.0.0
Description: The alarm is raised when the Operational State of a BFD session is Not Connected.		
Raising condition: ('Operational State' NOT EQUAL 'Operational')		
Clearing condition: ('Operational State' EQUAL 'Operational')		
Remedial action: Check the BFD interface configuration, fix the BFD connection		

Table 12-12 BfdInterfaceConnectionPeerDetectsDown

Alarm	Attributes	Applicable major releases
Name: BfdInterfaceConnectionPeerDetectsDown (3331) Type: serviceAlarm (16) Package: vrrp Raised on class: vrrp.BfdInterface	Severity: minor Implicitly cleared: true Default probable cause: bfdSessionConnectionPeerDetectsDown (594)	<ul style="list-style-type: none"> • 5.0.0 • 6.0.0 • 7.0.0
Description: The alarm is raised when a BFD peer detects a connection timeout.		
Raising condition: ('Operational State' EQUAL 'Down')		
Clearing condition: ('Operational State' NOT EQUAL 'Down')		
Remedial action: Fix the BFD connection		

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Table 12-13 BgpDown

Alarm	Attributes	Applicable major releases
Name: BgpDown (6) Type: ProtocolAlarm (1) Package: bgp Raised on class: bgp.Site	Severity: critical Implicitly cleared: true Default probable cause: protocolDown (1)	<ul style="list-style-type: none"> • 4.0.0 • 5.0.0 • 6.0.0 • 7.0.0
Description: The alarm is raised when a BGP instance has an Operational State other than Up, and the Administrative State is Up.		
Raising condition: (('Administrative State' EQUAL 'Up') AND ('Operational State' NOT EQUAL 'Up'))		
Clearing condition: (('Operational State' EQUAL 'Up') OR ('Administrative State' NOT EQUAL 'Up'))		
Remedial action: The BGP protocol entity is down - administratively disable BGP and re-enable. If the problem persists please contact Alcatel-Lucent support for assistance.		

Table 12-14 BITS2NotQualified

Alarm	Attributes	Applicable major releases
Name: BITS2NotQualified (1941) Type: communicationsAlarm (4) Package: sonet Raised on class: sonet.SiteSync	Severity: minor Implicitly cleared: true Default probable cause: timingReferenceNotQualified (418)	<ul style="list-style-type: none"> • 4.0.0 • 5.0.0 • 6.0.0 • 7.0.0
Description: The alarm is raised when the BITS-2 timing reference on an NE is not in the Qualified state.		
Raising condition: (('Qualified For Use' EQUAL 'Not Qualified') AND ('Input Administrative State' NOT EQUAL 'Down'))		
Clearing condition: (('Qualified For Use' NOT EQUAL 'Not Qualified') OR ('Input Administrative State' EQUAL 'Down'))		
Remedial action: Make sure that BITS2 is qualified		

Table 12-15 BITSNotQualified

Alarm	Attributes	Applicable major releases
Name: BITSNotQualified (547) Type: communicationsAlarm (4) Package: sonet Raised on class: sonet.SiteSync	Severity: minor Implicitly cleared: true Default probable cause: timingReferenceNotQualified (418)	<ul style="list-style-type: none"> • 4.0.0 • 5.0.0 • 6.0.0 • 7.0.0
Description: The alarm is raised when the BITS timing reference on an NE is not in the Qualified state.		
Raising condition: (('Qualified For Use' EQUAL 'Not Qualified') AND ('Output Administrative State' NOT EQUAL 'Down'))		
Clearing condition: (('Qualified For Use' NOT EQUAL 'Not Qualified') OR ('Output Administrative State' EQUAL 'Down'))		
Remedial action: Make sure that BITS is qualified		

Table 12-16 BITSReferenceLossOfSignal

Alarm	Attributes	Applicable major releases
Name: BITSReferenceLossOfSignal (1950) Type: communicationsAlarm (4) Package: sonet Raised on class: sonet.SiteSync	Severity: minor Implicitly cleared: true Default probable cause: BITSReferenceLossOfSignal (938)	<ul style="list-style-type: none"> • 4.0.0 • 5.0.0 • 6.0.0 • 7.0.0
Description: The alarm is raised when the BITS reference on an NE is not qualified due to Loss of Signal.		
Raising condition: (('Not Qualified Due To'anyBit'LOS'))		
Clearing condition: NOT (('Not Qualified Due To'anyBit'LOS'))		
Remedial action: Make sure that peer connected to BITS is properly configured.		

Table 12-17 BITSReferenceOutOfFrequency

Alarm	Attributes	Applicable major releases
Name: BITSReferenceOutOfFrequency (1951) Type: communicationsAlarm (4) Package: sonet Raised on class: sonet.SiteSync	Severity: minor Implicitly cleared: true Default probable cause: BITSReferenceOutOfFrequency (939)	<ul style="list-style-type: none"> • 4.0.0 • 5.0.0 • 6.0.0 • 7.0.0
Description: The alarm is raised when the BITS Reference on an NE is not qualified due to Out of frequency.		
Raising condition: (('Not Qualified Due To'anyBit'OOF'))		
Clearing condition: NOT (('Not Qualified Due To'anyBit'OOF'))		
Remedial action: Make sure that frequency configured for BITS is correct.		

Table 12-18 BITSReferenceOutOfPollInRange

Alarm	Attributes	Applicable major releases
Name: BITSReferenceOutOfPollInRange (1952) Type: communicationsAlarm (4) Package: sonet Raised on class: sonet.SiteSync	Severity: minor Implicitly cleared: true Default probable cause: BITSReferenceOutOfPollInRange (940)	<ul style="list-style-type: none"> • 4.0.0 • 5.0.0 • 6.0.0 • 7.0.0
Description: The alarm is raised when the BITS Reference on an NE is not qualified state due to Out of poll in range.		
Raising condition: (('Not Qualified Due To'anyBit'OOPIR'))		
Clearing condition: NOT (('Not Qualified Due To'anyBit'OOPIR'))		
Remedial action: Check the BITS is configured correctly. Check the SONET port is configured correctly and that the physical layer cabling is operating correctly. Call customer support if necessary		

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Table 12-19 BootableConfigBackupFailed

Alarm	Attributes	Applicable major releases
Name: BootableConfigBackupFailed (103) Type: configurationAlarm (11) Package: sw Raised on class: sw.BackupRestoreManager	Severity: major Implicitly cleared: true Default probable cause: fileTransferFailure (89)	<ul style="list-style-type: none"> • 4.0.0 • 5.0.0 • 6.0.0 • 7.0.0
Description: The alarm is raised when the 5620 SAM fails to back up a set of NE configuration files.		
Raising condition: ('Backup State' EQUAL 'Failure')		
Clearing condition: ('Backup State' EQUAL 'Success')		
Remedial action: Investigation is required to resolve the following possible scenarios: insufficient disk space is available to accommodate the NE configuration files (additional SAM platform alarms will accompany this alarm); the NE is unreachable (including underlying transport network issue); loss of connectivity to the NE during transfer; the FTP daemon on the NE may have stopped; FTP security credential issues.		

Table 12-20 BootableConfigRestoreFailed

Alarm	Attributes	Applicable major releases
Name: BootableConfigRestoreFailed (104) Type: configurationAlarm (11) Package: sw Raised on class: sw.BackupRestoreManager	Severity: major Implicitly cleared: true Default probable cause: fileTransferFailure (89)	<ul style="list-style-type: none"> • 4.0.0 • 5.0.0 • 6.0.0 • 7.0.0
Description: The alarm is raised when the 5620 SAM fails to restore a set of NE configuration files.		
Raising condition: ('Restore State' EQUAL 'Failure')		
Clearing condition: ('Restore State' EQUAL 'Success')		
Remedial action: Investigation is required to resolve the following possible scenarios: the NE is unreachable (including underlying transport network issue); loss of connectivity to the NE during transfer; the FTP daemon on the NE may have stopped; FTP security credential issues.		

Table 12-21 BootParametersMisconfigured

Alarm	Attributes	Applicable major releases
Name: BootParametersMisconfigured (35) Type: configurationAlarm (11) Package: netw Raised on class: netw.NetworkElement	Severity: critical Implicitly cleared: true Default probable cause: persistentIndexFailure (30) Applicable probable causes: <ul style="list-style-type: none"> • persistentIndexFailure • configFileBootFailure 	<ul style="list-style-type: none"> • 4.0.0 • 5.0.0 • 6.0.0 • 7.0.0
Description: The alarm is raised when the SNMP Index Boot Status on an NE is not set to Persistent.		

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Alarm	Attributes	Applicable major releases
Raising condition: ((isGenericNode' EQUAL 'false') AND ('State' NOT EQUAL 'Pre-provisioned') AND (((Config File Status' NOT EQUAL 'Executed Successfully') AND ('Config File Status' NOT EQUAL 'configFileStatus_unspecified')) OR (('Persistent Index Status' NOT EQUAL 'Rebuild Succeeded') AND ('Persistent Index Status' NOT EQUAL 'persistentIndexStatus_unspecified'))))		
Clearing condition: (('Config File Status' EQUAL 'Executed Successfully') AND ('Persistent Index Status' EQUAL 'Rebuild Succeeded'))		
Remedial action: Ensure that "SNMP Index Boot Status" is persistent (using cli command "show system information" on the NE). If not, unmanage the network element from SAM, ensure that "persist on" is set in the bof file, save the bof, save a config file, verify that an index file (.ndx) is saved as well, reboot the router, verify that SNMP Index Boot Status is persistent and finally remanage the router from SAM.		

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Table 12-22 CircuitStpExceptionCondition

Alarm	Attributes	Applicable major releases
Name: CircuitStpExceptionCondition (648) Type: SdpBindingAlarm (30) Package: I2fwd Raised on class: I2fwd.CircuitStp	Severity: major Implicitly cleared: true Default probable cause: StpException (228)	<ul style="list-style-type: none"> • 4.0.0 • 5.0.0 • 6.0.0 • 7.0.0
Description: The alarm is raised when an NE detects an STP exception condition on a SAP, for example, one-way communication or a downstream loop. The alarm clears when the STP status changes.		
Raising condition: (('STP Exception Condition' NOT EQUAL 'None') AND ('Administrative State' EQUAL 'Up'))		
Clearing condition: (('STP Exception Condition' EQUAL 'None') OR ('Administrative State' EQUAL 'Down'))		
Remedial action: Check 'STP Exception Condition' field for more details and fix the STP exception.		

Table 12-23 ClientDelegateServerStatus

Alarm	Attributes	Applicable major releases
Name: ClientDelegateServerStatus (731) Type: communicationsAlarm (4) Package: server Raised on class: server.ClientDelegateServer	Severity: critical Implicitly cleared: true Default probable cause: systemFailed (144)	<ul style="list-style-type: none"> • 4.0.0 • 5.0.0 • 6.0.0 • 7.0.0
Description: The alarm is raised when a client delegate server is unreachable.		
Raising condition: ('Server Status' EQUAL 'Down')		
Clearing condition: ('Server Status' EQUAL 'Up')		
Remedial action: Informational - if the alarm persists or is occurring frequently then investigation is required to understand why the connectivity between the client delegate platform and SAM servers is unreliable or the client delegate server itself is unreliable.		

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Table 12-24 ContainingEquipmentAdministrativelyDown

Alarm	Attributes	Applicable major releases
Name: ContainingEquipmentAdministrativelyDown (466) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.Port	Severity: minor Implicitly cleared: true Default probable cause: containingEquipmentAdministrativelyDown (330)	<ul style="list-style-type: none"> • 4.0.0 • 5.0.0 • 6.0.0 • 7.0.0
Description: The alarm is raised when the compositeEquipmentState attribute has a value of containingEquipmentAdministrativelyDown.		
Raising condition: (('Status' EQUAL 'Parent Admin Down') AND ('isTerminatable' EQUAL 'true'))		
Clearing condition: (('Status' NOT EQUAL 'Parent Admin Down') OR ('isTerminatable' NOT EQUAL 'true'))		
Remedial action: Informational - no corrective action required.		

Table 12-25 ContainingEquipmentMismatch

Alarm	Attributes	Applicable major releases
Name: ContainingEquipmentMismatch (464) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.Port	Severity: major Implicitly cleared: true Default probable cause: containingEquipmentMismatch (328)	<ul style="list-style-type: none"> • 4.0.0 • 5.0.0 • 6.0.0 • 7.0.0
Description: The alarm is raised when the compositeEquipmentState attribute has a value of containingEquipmentMismatch.		
Raising condition: (('Status' EQUAL 'Parent Type Mismatch') AND ('isTerminatable' EQUAL 'true'))		
Clearing condition: (('Status' NOT EQUAL 'Parent Type Mismatch') OR ('isTerminatable' NOT EQUAL 'true'))		
Remedial action: A configuration error has occurred which must be corrected. The card type configured for the slot identified in the alarm must match the installed card type.		

Table 12-26 ContainingEquipmentOperationallyDown

Alarm	Attributes	Applicable major releases
Name: ContainingEquipmentOperationallyDown (465) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.Port	Severity: major Implicitly cleared: true Default probable cause: containingEquipmentDown (329)	<ul style="list-style-type: none"> • 4.0.0 • 5.0.0 • 6.0.0 • 7.0.0
Description: The alarm is raised when the compositeEquipmentState attribute has a value of containingEquipmentOperationallyDown.		
Raising condition: (('Status' EQUAL 'Parent Oper Down') AND ('isTerminatable' EQUAL 'true'))		
Clearing condition: (('Status' NOT EQUAL 'Parent Oper Down') OR ('isTerminatable' NOT EQUAL 'true'))		

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Alarm	Attributes	Applicable major releases
Remedial action: The operational state of the equipment element indicated in the alarm is down. This may be due to the element's administrative state or it may indicate that the element has failed.		

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Table 12-27 CorruptImageFile

Alarm	Attributes	Applicable major releases
Name: CorruptImageFile (171) Type: configurationAlarm (11) Package: mediation Raised on class: mediation.AbstractSoftwareFolderDescriptor	Severity: critical Implicitly cleared: true Default probable cause: invalidOrCorruptImageFile (134)	<ul style="list-style-type: none"> • 4.0.0 • 5.0.0 • 6.0.0 • 7.0.0
Description: The alarm is raised when one or more files in the 5620 SAM software image specified for a device software upgrade is invalid, corrupt or absent. The 5620 SAM validates a device software file set before it imports the file set and distributes it to an NE. Ensure that the file set downloads properly to the NE and is not tampered with before you re-attempt the upgrade. The alarm clears when a valid file set is on the NE and the 5620 SAM activates the software image in the file set.		
Raising condition: ('isImageValid' EQUAL 'false')		
Clearing condition: ('isImageValid' EQUAL 'true')		
Remedial action: The existing SW image in the SAM database should be replaced with an image that is known to be complete and valid.		

Table 12-28 downgradedCardAlarm

Alarm	Attributes	Applicable major releases
Name: downgradedCardAlarm (256) Type: softwareAlarm (19) Package: equipment Raised on class: equipment.Card	Severity: warning Implicitly cleared: true Default probable cause: downgradedCard (195)	<ul style="list-style-type: none"> • 4.0.0 • 5.0.0 • 6.0.0 • 7.0.0
Description: The alarm is raised when an IOM is not upgraded or reset after a device software upgrade of both CPMs. A device resets an IOM automatically after 120 minutes if the IOM is not manually reset after a CPM upgrade.		
Raising condition: ('operationalState' EQUAL 'Downgrade')		
Clearing condition: ('operationalState' EQUAL 'Up')		
Remedial action: Informational - no corrective action required.		

Table 12-29 EfmOamAlarm

Alarm	Attributes	Applicable major releases
Name: EfmOamAlarm (4617) Type: equipmentAlarm (3) Package: ethernetequipment Raised on class: ethernetequipment.Dot3Oam	Severity: minor Implicitly cleared: true Default probable cause: EFMOAMOperationalStateOutOfService (1886)	<ul style="list-style-type: none"> • 4.0.0 • 5.0.0 • 6.0.0 • 7.0.0
Description: The alarm is raised when EFM Ignore status is Enabled, and Physical port Administrative State is Down.		
Raising condition: ('Ignore EFM State' EQUAL 'true')		
Clearing condition: ('Ignore EFM State' EQUAL 'true')		
Remedial action: The alarm is raised when EFM Ignore status is Enabled, and Physical port Administrative State is Down.		

Table 12-30 EquipmentAdministrativelyDown

Alarm	Attributes	Applicable major releases
Name: EquipmentAdministrativelyDown (455) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.Equipment	Severity: minor Implicitly cleared: true Default probable cause: equipmentAdministrativelyDown (326)	<ul style="list-style-type: none"> • 4.0.0 • 5.0.0 • 6.0.0 • 7.0.0
Description: The alarm is raised when the compositeEquipmentState attribute has a value of equipmentAdministrativelyDown.		
Raising condition: ('compositeEquipmentState' EQUAL 'Admin Down')		
Clearing condition: ('compositeEquipmentState' NOT EQUAL 'Admin Down')		
Remedial action: Informational - no corrective action required.		

Table 12-31 EquipmentDegraded

Alarm	Attributes	Applicable major releases
Name: EquipmentDegraded (604) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.FanTray	Severity: minor Implicitly cleared: true Default probable cause: singleFanFailure (450)	<ul style="list-style-type: none"> • 4.0.0 • 5.0.0 • 6.0.0 • 7.0.0
Description: The alarm is raised when a single fan fails. The chassis attempts to continue operating within the normal temperature range using only the remaining fans.		
Raising condition: ('Device State' EQUAL 'MinorFailure')		
Clearing condition: ('Device State' NOT EQUAL 'MinorFailure')		
Remedial action: The failed fan unit should be replaced.		

Table 12-32 EquipmentDown

Alarm	Attributes	Applicable major releases
Name: EquipmentDown (10) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.Equipment	Severity: major Implicitly cleared: true Default probable cause: inoperableEquipment (8)	<ul style="list-style-type: none"> • 4.0.0 • 5.0.0 • 6.0.0 • 7.0.0
Description: The alarm is raised when the compositeEquipmentState attribute has a value of equipmentOperationallyDown.		
Raising condition: ('compositeEquipmentState' EQUAL 'Oper Down')		
Clearing condition: ('compositeEquipmentState' NOT EQUAL 'Oper Down')		
Remedial action: This alarm indicates that a card in the NE has failed. The card must be replaced.		

Table 12-33 EquipmentFailure

Alarm	Attributes	Applicable major releases
Name: EquipmentFailure (145) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.ReplaceableUnit	Severity: critical Implicitly cleared: true Default probable cause: cardFailure (123)	<ul style="list-style-type: none"> • 4.0.0 • 5.0.0 • 6.0.0 • 7.0.0
Description: The alarm is raised when a control processor or power-supply tray reports a failure. When the object type is ControlProcessor, a CPM may be unable to boot. When the object type is Power Supply Tray and the alarm is raised during device discovery, a power-supply tray may be out of service. When the object type is a Power Supply Tray and the device is in the managed state, a power-supply tray may be out of service or the AC power shelf has a fault condition. The alarm clears when the status changes to OK.		
Raising condition: ('operationalState' EQUAL 'Failed')		
Clearing condition: ('operationalState' NOT EQUAL 'Failed')		
Remedial action: If the alarm indicates that the CPM card has a fault, remove the card and reset it. If this does not clear the alarm then please contact Alcatel-Lucent support for assistance. If the alarm indicates that the Power Supply tray is out of service ensure that the NE is properly connected to power. If the problem persists please contact Alcatel-Lucent support for assistance.		

Table 12-34 EquipmentInTest

Alarm	Attributes	Applicable major releases
Name: EquipmentInTest (11) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.Equipment	Severity: warning Implicitly cleared: true Default probable cause: equipmentInTest (9)	<ul style="list-style-type: none"> • 4.0.0 • 5.0.0 • 6.0.0 • 7.0.0
Description: The alarm is raised when equipment enters a diagnostic state.		
Raising condition: ('compositeEquipmentState' EQUAL 'In Test')		
Clearing condition: ('compositeEquipmentState' NOT EQUAL 'In Test')		

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Alarm	Attributes	Applicable major releases
Remedial action: Informational - no corrective action required.		

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Table 12-35 EquipmentMismatch

Alarm	Attributes	Applicable major releases
Name: EquipmentMismatch (9) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.Equipment	Severity: major Implicitly cleared: true Default probable cause: equipmentTypeMismatch (7)	<ul style="list-style-type: none"> • 4.0.0 • 5.0.0 • 6.0.0 • 7.0.0
Description: The alarm is raised when the compositeEquipmentState attribute has a value of equipmentMismatch.		
Raising condition: ('compositeEquipmentState' EQUAL 'Type Mismatch')		
Clearing condition: ('compositeEquipmentState' NOT EQUAL 'Type Mismatch')		
Remedial action: A configuration error has occurred which must be corrected. The card type configured for the slot identified in the alarm must match the installed card type.		

Table 12-36 EquipmentRemoved

Alarm	Attributes	Applicable major releases
Name: EquipmentRemoved (8) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.Equipment	Severity: major Implicitly cleared: true Default probable cause: replaceableEquipmentRemoved (6)	<ul style="list-style-type: none"> • 4.0.0 • 5.0.0 • 6.0.0 • 7.0.0
Description: The alarm is raised when the compositeEquipmentState attribute has a value of equipmentMissing.		
Raising condition: (((('isEquipped' EQUAL 'false') OR ('compositeEquipmentState' EQUAL 'Removed')) AND ('isEquipmentInserted' EQUAL 'true'))		
Clearing condition: (('compositeEquipmentState' NOT EQUAL 'Removed') AND ('isEquipped' EQUAL 'true'))		
Remedial action: Informational - this alarm is raised when a card is removed.		

Table 12-37 EthernetPortConfiguredLoopback

Alarm	Attributes	Applicable major releases
Name: EthernetPortConfiguredLoopback (801) Type: configurationAlarm (11) Package: ethernetequipment Raised on class: ethernetequipment.EthernetPortSpecifics	Severity: warning Implicitly cleared: true Default probable cause: ethernetPortConfiguredLoopback (567)	<ul style="list-style-type: none"> • 4.0.0 • 5.0.0 • 6.0.0 • 7.0.0

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Alarm	Attributes	Applicable major releases
Description: The alarm is raised when a timed loopback is in effect for an Ethernet port.		
Raising condition: (('Type' NOT EQUAL 'None'))		
Clearing condition: (('Type' EQUAL 'None'))		
Remedial action: This alarm has been raised by the node because "Timed Loopback" option of the specific port's Ethernet property has been enabled. To resolve this problem from "Ethernet" tab of "Physical Port" properties form configure "Timed Loopback" Type property as "None".		

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Table 12-38 EthernetPortDuplicateLane

Alarm	Attributes	Applicable major releases
Name: EthernetPortDuplicateLane (3557) Type: communicationsAlarm (4) Package: ethernetequipment Raised on class: ethernetequipment.EthernetPortSpecifics	Severity: major Implicitly cleared: true Default probable cause: DuplicateLane (1387)	<ul style="list-style-type: none"> • 4.0.0 • 5.0.0 • 6.0.0 • 7.0.0
Description: The alarm is raised when a device reports a Duplicate Lane on an Ethernet port.		
Raising condition: (('Outstanding Alarms'anyBit'Duplicate Lane') AND ('Report Alarms'anyBit'Duplicate Lane'))		
Clearing condition: NOT (('Outstanding Alarms'anyBit'Duplicate Lane') AND ('Report Alarms'anyBit'Duplicate Lane'))		
Remedial action: One of the following conditions exists on the referenced physical interface which must be corrected. A cable/fiber fault exists which must be corrected - check to ensure that the cable is not faulty and is properly connected. The port is faulty - run diagnostics on the port to determine the nature of the fault. If the problem cannot be resolved swap the card containing the port with a card which is known be functional.		

Table 12-39 EthernetPortHighBer

Alarm	Attributes	Applicable major releases
Name: EthernetPortHighBer (307) Type: communicationsAlarm (4) Package: ethernetequipment Raised on class: ethernetequipment.EthernetPortSpecifics	Severity: major Implicitly cleared: true Default probable cause: HighBer (238)	<ul style="list-style-type: none"> • 4.0.0 • 5.0.0 • 6.0.0 • 7.0.0
Description: The alarm is raised when a device reports a high bit-error rate on an Ethernet port.		
Raising condition: (('Outstanding Alarms'anyBit'High Bit Error Rate') AND ('Report Alarms'anyBit'High Bit Error Rate'))		
Clearing condition: NOT (('Outstanding Alarms'anyBit'High Bit Error Rate') AND ('Report Alarms'anyBit'High Bit Error Rate'))		
Remedial action: One of the following conditions exists on the physical interface which must be corrected. A cable/fiber fault exists which must be corrected - check to ensure that the cable is not faulty and is properly connected. The port is faulty - run diagnostics on the port to determine the nature of the fault.		

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Table 12-40 EthernetPortLocalFault

Alarm	Attributes	Applicable major releases
Name: EthernetPortLocalFault (305) Type: communicationsAlarm (4) Package: ethernetequipment Raised on class: ethernetequipment.EthernetPortSpecifics	Severity: major Implicitly cleared: true Default probable cause: LocalFault (236)	<ul style="list-style-type: none"> • 4.0.0 • 5.0.0 • 6.0.0 • 7.0.0
Description: The alarm is raised when a device reports a local fault on an Ethernet port.		
Raising condition: (('Outstanding Alarms'anyBit'Local Fault') AND ('Report Alarms'anyBit'Local Fault'))		
Clearing condition: NOT (('Outstanding Alarms'anyBit'Local Fault') AND ('Report Alarms'anyBit'Local Fault'))		
Remedial action: One of the following conditions exists on the physical interface which must be corrected. A cable/fiber fault exists which must be corrected - check to ensure that the cable is not faulty and is properly connected. The port is faulty - run diagnostics on the port to determine the nature of the fault.		

Table 12-41 EthernetPortNoAmLock

Alarm	Attributes	Applicable major releases
Name: EthernetPortNoAmLock (3558) Type: communicationsAlarm (4) Package: ethernetequipment Raised on class: ethernetequipment.EthernetPortSpecifics	Severity: major Implicitly cleared: true Default probable cause: NoAmLock (1388)	<ul style="list-style-type: none"> • 4.0.0 • 5.0.0 • 6.0.0 • 7.0.0
Description: The alarm is raised when a device reports a No Am Lock on an Ethernet port.		
Raising condition: (('Outstanding Alarms'anyBit'No AM Lock') AND ('Report Alarms'anyBit'No AM Lock'))		
Clearing condition: NOT (('Outstanding Alarms'anyBit'No AM Lock') AND ('Report Alarms'anyBit'No AM Lock'))		
Remedial action: One of the following conditions exists on the referenced physical interface which must be corrected. A cable/fiber fault exists which must be corrected - check to ensure that the cable is not faulty and is properly connected. The port is faulty - run diagnostics on the port to determine the nature of the fault. If the problem cannot be resolved swap the card containing the port with a card which is known be functional.		

Table 12-42 EthernetPortNoBlockLock

Alarm	Attributes	Applicable major releases
Name: EthernetPortNoBlockLock (3559) Type: communicationsAlarm (4) Package: ethernetequipment Raised on class: ethernetequipment.EthernetPortSpecifics	Severity: major Implicitly cleared: true Default probable cause: NoBlockLock (1389)	<ul style="list-style-type: none"> • 4.0.0 • 5.0.0 • 6.0.0 • 7.0.0
Description: The alarm is raised when a device reports a No Block Lock on an Ethernet port.		
Raising condition: (('Outstanding Alarms'anyBit'No Block Lock') AND ('Report Alarms'anyBit'No Block Lock'))		

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Alarm	Attributes	Applicable major releases
Clearing condition: NOT (('Outstanding Alarms'anyBit'No Block Lock') AND ('Report Alarms'anyBit'No Block Lock'))		
Remedial action: One of the following conditions exists on the referenced physical interface which must be corrected. A cable/fiber fault exists which must be corrected - check to ensure that the cable is not faulty and is properly connected. The port is faulty - run diagnostics on the port to determine the nature of the fault. If the problem cannot be resolved swap the card containing the port with a card which is known be functional.		

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Table 12-43 EthernetPortNoFrameLock

Alarm	Attributes	Applicable major releases
Name: EthernetPortNoFrameLock (306) Type: communicationsAlarm (4) Package: ethernetequipment Raised on class: ethernetequipment.EthernetPortSpecifics	Severity: major Implicitly cleared: true Default probable cause: NoFrameLock (237)	<ul style="list-style-type: none"> • 4.0.0 • 5.0.0 • 6.0.0 • 7.0.0
Description: The alarm is raised when a device reports No Frame Lock on an Ethernet port.		
Raising condition: (('Outstanding Alarms'anyBit'No Frame Lock') AND ('Report Alarms'anyBit'No Frame Lock'))		
Clearing condition: NOT (('Outstanding Alarms'anyBit'No Frame Lock') AND ('Report Alarms'anyBit'No Frame Lock'))		
Remedial action: One of the following conditions exists on the physical interface which must be corrected. A cable/fiber fault exists which must be corrected - check to ensure that the cable is not faulty and is properly connected. The port is faulty - run diagnostics on the port to determine the nature of the fault.		

Table 12-44 EthernetPortRemoteFault

Alarm	Attributes	Applicable major releases
Name: EthernetPortRemoteFault (304) Type: communicationsAlarm (4) Package: ethernetequipment Raised on class: ethernetequipment.EthernetPortSpecifics	Severity: major Implicitly cleared: true Default probable cause: RemoteFault (235)	<ul style="list-style-type: none"> • 4.0.0 • 5.0.0 • 6.0.0 • 7.0.0
Description: The alarm is raised when a device reports a remote fault on an Ethernet port.		
Raising condition: (('Outstanding Alarms'anyBit'Remote Fault') AND ('Report Alarms'anyBit'Remote Fault'))		
Clearing condition: NOT (('Outstanding Alarms'anyBit'Remote Fault') AND ('Report Alarms'anyBit'Remote Fault'))		
Remedial action: One of the following conditions exists on the remote physical interface which must be corrected. A cable/fiber fault exists which must be corrected - check to ensure that the cable is not faulty and is properly connected. The port is faulty - run diagnostics on the port to determine the nature of the fault.		

Table 12-45 EthernetPortSignalFailure

Alarm	Attributes	Applicable major releases
Name: EthernetPortSignalFailure (303) Type: communicationsAlarm (4) Package: ethernetequipment Raised on class: ethernetequipment.EthernetPortSpecifics	Severity: major Implicitly cleared: true Default probable cause: SignalFailure (234)	<ul style="list-style-type: none"> • 4.0.0 • 5.0.0 • 6.0.0 • 7.0.0
Description: The alarm is raised when a device reports a signal failure on an Ethernet port.		
Raising condition: (('Outstanding Alarms'anyBit'Signal Failure') AND ('Report Alarms'anyBit'Signal Failure'))		
Clearing condition: NOT (('Outstanding Alarms'anyBit'Signal Failure') AND ('Report Alarms'anyBit'Signal Failure'))		
Remedial action: One of the following conditions exists on the physical interface which must be corrected. A cable/fiber fault exists which must be corrected - check to ensure that the cable is not faulty and is properly connected. The port is faulty - run diagnostics on the port to determine the nature of the fault.		

Table 12-46 ExternalTimingReferenceNotQualified

Alarm	Attributes	Applicable major releases
Name: ExternalTimingReferenceNotQualified (548) Type: communicationsAlarm (4) Package: sonet Raised on class: sonet.SiteSync	Severity: minor Implicitly cleared: true Default probable cause: timingReferenceNotQualified (418)	<ul style="list-style-type: none"> • 4.0.0 • 5.0.0 • 6.0.0 • 7.0.0
Description: The alarm is raised when the External timing reference on an NE is not in the Qualified state.		
Raising condition: (('Qualified For Use' EQUAL 'Not Qualified') AND ('Administrative State' NOT EQUAL 'Down'))		
Clearing condition: (('Qualified For Use' NOT EQUAL 'Not Qualified') OR ('Administrative State' EQUAL 'Down'))		
Remedial action: Informational		

Table 12-47 FanFailure

Alarm	Attributes	Applicable major releases
Name: FanFailure (624) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.FanTray	Severity: critical Implicitly cleared: true Default probable cause: fanFailure (116)	<ul style="list-style-type: none"> • 4.0.0 • 5.0.0 • 6.0.0 • 7.0.0
Description: The alarm is raised when the associated fan is not operationally Up.		
Raising condition: (('Device State' EQUAL 'Failed') OR ('Device State' EQUAL 'Unknown') OR ('Device State' EQUAL 'OutOfservice'))		
Clearing condition: ('Device State' EQUAL 'OK')		
Remedial action: Remove and reset the fan unit. If this does not resolve the problem replace the fan.		

Table 12-48 FanTrayRemoved

Alarm	Attributes	Applicable major releases
Name: FanTrayRemoved (569) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.FanTray	Severity: critical Implicitly cleared: true Default probable cause: FanTrayRemoved (438)	<ul style="list-style-type: none"> • 4.0.0 • 5.0.0 • 6.0.0 • 7.0.0
Description: The alarm is raised when the deviceState attribute has a value of deviceNotEquipped.		
Raising condition: ('Device State' EQUAL 'Not Equipped')		
Clearing condition: ('Device State' NOT EQUAL 'Not Equipped')		
Remedial action: Informational - a fan tray has been removed from the NE.		

Table 12-49 ForwardingTableSizeLimitReached

Alarm	Attributes	Applicable major releases
Name: ForwardingTableSizeLimitReached (164) Type: resourceAlarm (28) Package: I2fwd Raised on class: I2fwd.SiteFib	Severity: major Implicitly cleared: true Default probable cause: resourceLimitReached (131)	<ul style="list-style-type: none"> • 4.0.0 • 5.0.0 • 6.0.0 • 7.0.0
Description: The alarm is raised when the number of MAC address entries in the FIB reaches or exceeds the VPLS site high watermark specified by I2fwd.SiteFib.highWatermark. The alarm clears when the number of MAC address entries in the FIB drops below the VPLS site low watermark specified by I2fwd.SiteFib.lowWatermark. The alarm can be raised against a VPLS site, L2 access interface, or spoke SDP binding.		
Raising condition: (('Entries' >= 'Size') OR ('Entries' >= (('High Watermark' * 'Size') / 100.0)))		
Clearing condition: (('Entries' < 'Size') AND (('High Watermark' EQUAL '0L') OR ('Entries' < (('Low Watermark' * 'Size') / 100.0))) AND (('Low Watermark' EQUAL '0L') OR ('Entries' < (('Low Watermark' * 'Size') / 100.0)))		
Remedial action: Informational		

Table 12-50 FrameSizeProblem (netw)

Alarm	Attributes	Applicable major releases
Name: FrameSizeProblem (37) Type: configurationAlarm (11) Package: netw Raised on class: netw.StatefullConnectableInterface	Severity: critical Implicitly cleared: true Default probable cause: frameSizeProblem (33)	<ul style="list-style-type: none"> • 4.0.0 • 5.0.0 • 6.0.0 • 7.0.0
Description: The alarm is raised when a provisioned MTU size value is greater than the supported MTU size value.		
Raising condition: (('mtuMismatch' EQUAL 'true') AND ('portId' NOT EQUAL '0L'))		
Clearing condition: (('mtuMismatch' EQUAL 'false') OR ('portId' EQUAL '0L'))		

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Alarm	Attributes	Applicable major releases
Remedial action: A configuration error has been made which must be corrected. The MTU value must be changed such that is less than or equal to the supported MTU size value.		

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Table 12-51 FrameSizeProblem (svt)

Alarm	Attributes	Applicable major releases
Name: FrameSizeProblem (37) Type: configurationAlarm (11) Package: svt Raised on class: svt.SdpBinding	Severity: critical Implicitly cleared: true Default probable cause: frameSizeProblem (33)	<ul style="list-style-type: none"> • 4.0.0 • 5.0.0 • 6.0.0 • 7.0.0
Description: The alarm is raised when a provisioned MTU size value is greater than the supported MTU size value.		
Raising condition: (('Operational State' EQUAL 'MTU Mismatch') OR ('Operational State' EQUAL 'Tunnel MTU Too Small'))		
Clearing condition: (('Operational State' NOT EQUAL 'MTU Mismatch') AND ('Operational State' NOT EQUAL 'Tunnel MTU Too Small'))		
Remedial action: The MTU value must be changed such that is is less than or equal to the supported MTU size value.		

Table 12-52 GaPeerDown

Alarm	Attributes	Applicable major releases
Name: GaPeerDown (3303) Type: EpcAlarm (59) Package: Iteggnsn Raised on class: Iteggnsn.GaPeer	Severity: major Implicitly cleared: true Default probable cause: EPSPeerDown (602)	<ul style="list-style-type: none"> • 4.0.0 • 5.0.0 • 6.0.0 • 7.0.0
Description: The alarm is raised when the path management state of a Ga peer changes to a state other than Up.		
Raising condition: ('Path Management State' NOT EQUAL 'Active')		
Clearing condition: ('Path Management State' EQUAL 'Active')		
Remedial action: A Ga reference point (peer) is operationally down for one of the following reasons: the underlying IP or physical interface is down, the far end peer is down or the underlying transport between this NE and the peer NE is down. To resolve the issue ensure that the IP/physical interface is up, check that the far end peer is operational and check that the underlying transport network is up.		

Table 12-53 IgmpDown

Alarm	Attributes	Applicable major releases
Name: IgmpDown (158) Type: ProtocolAlarm (1) Package: igmp Raised on class: igmp.Site	Severity: critical Implicitly cleared: true Default probable cause: protocolDown (1)	<ul style="list-style-type: none"> 7.0.0
Description: The alarm is raised when an IGMP site has an Operational State other than Up, and the Administrative State is Up.		
Raising condition: (('Administrative State' EQUAL 'Up') AND ('Operational State' NOT EQUAL 'Up'))		
Clearing condition: (('Operational State' EQUAL 'Up') OR ('Administrative State' NOT EQUAL 'Up'))		
Remedial action: While configured under VPRN, check if VPRN site is admin down, or if route distinguisher is not configured.		

Table 12-54 IncompleteConfig (multichassis)

Alarm	Attributes	Applicable major releases
Name: IncompleteConfig (294) Type: configurationAlarm (11) Package: multichassis Raised on classes: <ul style="list-style-type: none"> multichassis.MultiChassisSync multichassis.MultiChassisLagMember 	Severity: major Implicitly cleared: true Default probable cause: incompleteConfig (225)	<ul style="list-style-type: none"> 4.0.0 5.0.0 6.0.0 7.0.0
Description: The alarm is raised when a peer configuration cannot be found on the peer NE.		
Raising condition: ('mcLagPointer' EQUAL '\')		
Clearing condition: ('mcLagPointer' NOT EQUAL '\')		
Remedial action: Configure the missing peered object.		

Table 12-55 IncompleteConfiguration

Alarm	Attributes	Applicable major releases
Name: IncompleteConfiguration (1942) Type: operationalViolation (93) Package: netw Raised on class: netw.NetworkElement	Severity: warning Implicitly cleared: true Default probable cause: incompleteConfig (225)	<ul style="list-style-type: none"> 4.0.0 5.0.0 6.0.0 7.0.0
Description: The alarm is raised when a pre-provisioned NE has no objects configured beneath it.		
Raising condition: (('State' EQUAL 'Pre-provisioned') AND ('eNodeB Equipment' EQUAL '\'))		
Clearing condition: (('State' EQUAL 'Pre-provisioned') AND ('eNodeB Equipment' NOT EQUAL '\'))		
Remedial action: A configuration error has been made which must be corrected. The configuration of the pre-provisioned NE is incomplete. A work order was not associated with the pre-provisioned NE and as a consequence the attempt to auto-configure the NE failed.		

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Table 12-56 IncorrectPeerConfig

Alarm	Attributes	Applicable major releases
Name: IncorrectPeerConfig (779) Type: configurationAlarm (11) Package: multichassis Raised on class: multichassis.AbstractPeer	Severity: major Implicitly cleared: true Default probable cause: IncorrectPeerConfig (554)	<ul style="list-style-type: none"> • 4.0.0 • 5.0.0 • 6.0.0 • 7.0.0
Description: The alarm is raised when an MC peer does not exist, or when an MC peer exists but the peer address is not the address of a network interface on the peer.		
Raising condition: ('peerMatchFound' EQUAL 'false')		
Clearing condition: ('peerMatchFound' EQUAL 'true')		
Remedial action: The peer configuration cannot be found on the peer NE. Either delete this one, or create the missing peer object.		

Table 12-57 IncorrectPeerSynchronizationPortConfig

Alarm	Attributes	Applicable major releases
Name: IncorrectPeerSynchronizationPortConfig (780) Type: configurationAlarm (11) Package: multichassis Raised on class: multichassis.PeerSynchronizationPort	Severity: major Implicitly cleared: true Default probable cause: IncorrectPeerSynchronizationPortConfig (555)	<ul style="list-style-type: none"> • 4.0.0 • 5.0.0 • 6.0.0 • 7.0.0
Description: The alarm is raised when the peer port does not exist, or when the peer port exists but the synchronization tags of the peers do not match.		
Raising condition: ('peerMatchFound' EQUAL 'false')		
Clearing condition: ('peerMatchFound' EQUAL 'true')		
Remedial action: Check if the peer port does not exist, or the peer port exists but the synchronization tags do not match.		

Table 12-58 IncorrectPeerSynchronizationPortEncapRangeConfig

Alarm	Attributes	Applicable major releases
Name: IncorrectPeerSynchronizationPortEncapRangeConfig (781) Type: configurationAlarm (11) Package: multichassis Raised on class: multichassis.PeerSynchronizationPortEncapRange	Severity: major Implicitly cleared: true Default probable cause: IncorrectPeerSynchronizationPortEncapRangeConfig (556)	<ul style="list-style-type: none"> • 4.0.0 • 5.0.0 • 6.0.0 • 7.0.0
Description: The alarm is raised when the VLAN ranges on the Multi-Chassis synchronization peers do not match.		
Raising condition: ('Neighbor Match' EQUAL 'false')		

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Alarm	Attributes	Applicable major releases
Clearing condition: ('Neighbor Match' EQUAL 'true')		
Remedial action: Update the VLAN ranges on the Multi-Chassis synchronization peers to make them matching.		

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Table 12-59 InstanceDown (vrrp)

Alarm	Attributes	Applicable major releases
Name: InstanceDown (284) Type: configurationAlarm (11) Package: vrrp Raised on class: vrrp.AbstractInstance	Severity: major Implicitly cleared: true Default probable cause: instanceDown (216)	<ul style="list-style-type: none"> • 5.0.0 • 6.0.0 • 7.0.0
Description: The alarm is raised when the 5620 SAM detects that a VRRP instance is operationally down.		
Raising condition: (('Administrative State' EQUAL 'Up') AND ('Operational State' NOT EQUAL 'Up'))		
Clearing condition: (('Operational State' EQUAL 'Up') OR ('Administrative State' NOT EQUAL 'Up'))		
Remedial action: Check the instance configuration		

Table 12-60 InterfaceDown (netw)

Alarm	Attributes	Applicable major releases
Name: InterfaceDown (36) Type: InterfaceAlarm (13) Package: netw Raised on class: netw.StatefullConnectableInterface	Severity: critical Implicitly cleared: true Default probable cause: interfaceDown (32)	<ul style="list-style-type: none"> • 4.0.0 • 5.0.0 • 6.0.0 • 7.0.0
Description: The alarm is raised when an interface or underlying resource fails, as indicated by an interface compositeState attribute value of failed or underlyingResourceFailed.		
Raising condition: (('compositeState' EQUAL 'Inoperable') OR ('compositeState' EQUAL 'Underlying Resource Inoperable'))		
Clearing condition: (('compositeState' NOT EQUAL 'Inoperable') AND ('compositeState' NOT EQUAL 'Underlying Resource Inoperable'))		
Remedial action: A physical port (physical interface, LAG, channel) associated with the network interface in not operation. Ensure that the interface is cabled and that there is not a configuration error (i.e. MTU size set incorrectly) on the interface. Once the issue w		

Table 12-61 InterfaceNeighborDown

Alarm	Attributes	Applicable major releases
Name: InterfaceNeighborDown (661) Type: NeighborDown (20) Package: ospf Raised on class: ospf.Interface	Severity: warning Implicitly cleared: true Default probable cause: NeighborDown (103)	<ul style="list-style-type: none"> • 4.0.0 • 5.0.0 • 6.0.0 • 7.0.0
Description: The alarm is raised when an interface neighbor is operationally down.		
Raising condition: (('Neighbor Count' EQUAL '0L') AND ('interfaceClass' NOT EQUAL 'System') AND ('Passive' NOT EQUAL 'true'))		
Clearing condition: (('Neighbor Count' NOT EQUAL '0L') OR ('Passive' EQUAL 'true'))		
Remedial action: This alarm is raised when the OSPF interface neighbor is operationally down. The situation may occur if the underlying physical interface is down either because of administrative disabling or a fault on the far end port or due to a cable connection or cable failure. This alarm will also be raised if the underlying transport network fails or is unreliable. Resolving the underlying instability in the transport network will correct this problem.		

Table 12-62 IsisAdjacencyDown

Alarm	Attributes	Applicable major releases
Name: IsisAdjacencyDown (153) Type: adjacencyAlarm (31) Package: isis Raised on class: isis.Interface	Severity: minor Implicitly cleared: true Default probable cause: IsisInterfaceDown (232)	<ul style="list-style-type: none"> • 4.0.0 • 5.0.0 • 6.0.0 • 7.0.0
Description: The alarm is raised when an IS-IS interface has no adjacencies, for example, because the IS-IS protocol on the remote site is down.		
Raising condition: (('Adjacency Count' EQUAL '0L') AND ('interfaceClass' NOT EQUAL 'System') AND ('Passive' NOT EQUAL 'True'))		
Clearing condition: (('Adjacency Count' > '0L') OR ('Passive' EQUAL 'True'))		
Remedial action: Check remote site to see if corresponding IS-IS interface is configured and admin up.		

Table 12-63 IsisDown

Alarm	Attributes	Applicable major releases
Name: IsisDown (19) Type: ProtocolAlarm (1) Package: isis Raised on class: isis.Site	Severity: critical Implicitly cleared: true Default probable cause: protocolDown (1)	<ul style="list-style-type: none"> • 4.0.0 • 5.0.0 • 6.0.0 • 7.0.0
Description: The alarm is raised when an IS-IS site has an Operational State other than Up, and the Administrative State is Up.		
Raising condition: (('Administrative State' EQUAL 'Up') AND ('Operational State' NOT EQUAL 'Up'))		
Clearing condition: (('Operational State' EQUAL 'Up') OR ('Administrative State' NOT EQUAL 'Up'))		
Remedial action: The protocol is not working anymore, could be a problem with IP addresses, resources on the device, ...		

Table 12-64 IsisInterfaceDown

Alarm	Attributes	Applicable major releases
Name: IsisInterfaceDown (301) Type: ProtocolAlarm (1) Package: isis Raised on class: isis.Interface	Severity: warning Implicitly cleared: true Default probable cause: protocolDown (1)	<ul style="list-style-type: none"> • 4.0.0 • 5.0.0 • 6.0.0 • 7.0.0
Description: The alarm is raised when an IS-IS interface has an Operational State other than Up.		
Raising condition: ('Operational State' EQUAL 'Down')		
Clearing condition: ('Operational State' NOT EQUAL 'Down')		
Remedial action: Check if underlying port is down, or associated network interface is down.		

Table 12-65 KeepAliveProblem

Alarm	Attributes	Applicable major releases
Name: KeepAliveProblem (100) Type: oamAlarm (18) Package: svt Raised on class: svt.Tunnel	Severity: warning Implicitly cleared: true Default probable cause: keepAliveFailed (86)	<ul style="list-style-type: none"> • 4.0.0 • 5.0.0 • 6.0.0 • 7.0.0
Description: The alarm is raised when the 5620 SAM detects a keep-alive protocol status of senderIdInvalid or responderIdError.		
Raising condition: (('Keep-Alive State' NOT EQUAL 'Disabled') AND ('Keep-Alive State' NOT EQUAL 'Alive') AND ('Keep-Alive State' NOT EQUAL 'Unknown'))		
Clearing condition: (('Keep-Alive State' EQUAL 'Disabled') OR ('Keep-Alive State' EQUAL 'Alive') OR ('Keep-Alive State' EQUAL 'Unknown'))		
Remedial action: Check the configuration of this tunnel and underlying physical transport.		

Table 12-66 LabelProblem

Alarm	Attributes	Applicable major releases
Name: LabelProblem (98) Type: CircuitAlarm (17) Package: svt Raised on class: svt.SdpBinding	Severity: critical Implicitly cleared: true Default probable cause: labelProblem (84)	<ul style="list-style-type: none"> • 4.0.0 • 5.0.0 • 6.0.0 • 7.0.0
Description: The alarm is raised when an ingress or an egress label is missing.		
Raising condition: (('Operational State' EQUAL 'No Egress Label') OR ('Operational State' EQUAL 'No Ingress Label') OR ('Operational State' EQUAL 'No Labels'))		
Clearing condition: (('Operational State' NOT EQUAL 'No Egress Label') AND ('Operational State' NOT EQUAL 'No Ingress Label') AND ('Operational State' NOT EQUAL 'No Labels'))		
Remedial action: An ingress or egress label is missing for the SDP binding.		

Table 12-67 LagDown

Alarm	Attributes	Applicable major releases
Name: LagDown (20) Type: equipmentAlarm (3) Package: lag Raised on class: lag.Interface	Severity: critical Implicitly cleared: true Default probable cause: lagDown (17)	<ul style="list-style-type: none"> • 4.0.0 • 5.0.0 • 6.0.0 • 7.0.0
Description: The alarm is raised when all ports in a LAG are operationally down.		
Raising condition: (('Administrative State' EQUAL 'Up') AND ('operationalState' NOT EQUAL 'Up'))		
Clearing condition: (('operationalState' EQUAL 'Up') OR ('Administrative State' NOT EQUAL 'Up'))		
Remedial action: This alarm indicates that all physical Ethernet links associated with a LAG are operationally down. The reasons for the links to be down may vary from link to link. The following possible causes of this alarm should be investigated. The physical port (near end or far end) may have failed - this can be remedied by replacing the interface card in question. The physical links may have been turned down administratively - re-enable the links. A cable failure or disconnect may have occurred - please ensure that the cables are properly connected to the physical port and that the cable has not been damaged.		

Table 12-68 LagPortAddFailed

Alarm	Attributes	Applicable major releases
Name: LagPortAddFailed (422) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.PhysicalPort	Severity: warning Implicitly cleared: true Default probable cause: linkDown (315)	<ul style="list-style-type: none"> • 4.0.0 • 5.0.0 • 6.0.0 • 7.0.0
Description: The alarm is raised when the Lag Port Add function Fails.		
Raising condition: (('state' EQUAL 'Link Down') AND ('LAG ID' > '0'))		
Clearing condition: (('state' NOT EQUAL 'Link Down') OR ('LAG ID' EQUAL '0'))		
Remedial action: A configuration error has occurred which must be corrected. The link that was to be added to the LAG group may be of the wrong type (i.e. non ethernet) or the limit of the number of links supported in a LAG may have been reached.		

Table 12-69 LdpDown

Alarm	Attributes	Applicable major releases
Name: LdpDown (22) Type: ProtocolAlarm (1) Package: ldp Raised on class: ldp.Site	Severity: critical Implicitly cleared: true Default probable cause: protocolDown (1)	<ul style="list-style-type: none"> • 4.0.0 • 5.0.0 • 6.0.0 • 7.0.0
Description: The alarm is raised when an LDP site has an Operational State other than Up, and the Administrative State is Up.		
Raising condition: (('Administrative State' EQUAL 'Up') AND ('Operational State' NOT EQUAL 'Up'))		
Clearing condition: (('Operational State' EQUAL 'Up') OR ('Administrative State' NOT EQUAL 'Up'))		
Remedial action: Check operational state down reason and update accordingly.		

Table 12-70 LdpSessionNonexistent

Alarm	Attributes	Applicable major releases
Name: LdpSessionNonexistent (2954) Type: LdpSessionAlarm (101) Package: ldp Raised on class: ldp.Session	Severity: critical Implicitly cleared: true Default probable cause: LdpSessionDown (1149)	<ul style="list-style-type: none"> • 4.0.0 • 5.0.0 • 6.0.0 • 7.0.0
Description: The alarm is raised when an LDP session is non-existent.		
Raising condition: ('Session State' EQUAL 'Non-existent')		
Clearing condition: ('Session State' EQUAL 'Operational')		
Remedial action: Please check the LDP session path to make sure all associated protocols/interfaces/connections are OK.		

Table 12-71 LdpTargetedPeerDown

Alarm	Attributes	Applicable major releases
Name: LdpTargetedPeerDown (23) Type: ProtocolAlarm (1) Package: ldp Raised on class: ldp.TargetedPeer	Severity: critical Implicitly cleared: true Default probable cause: protocolDown (1)	<ul style="list-style-type: none"> • 4.0.0 • 5.0.0 • 6.0.0 • 7.0.0
Description: The alarm is raised when an LDP targeted peer is operationally down.		
Raising condition: (('administrativeState' EQUAL 'Up') AND ('operationalState' NOT EQUAL 'Up'))		
Clearing condition: (('operationalState' EQUAL 'Up') OR ('administrativeState' NOT EQUAL 'Up'))		
Remedial action: Please check the route to LDP targeted peer to make sure all associated protocols/interfaces/connections are OK.		

Table 12-72 LicensedLimitExceeded

Alarm	Attributes	Applicable major releases
Name: LicensedLimitExceeded (127) Type: licensingAlarm (23) Package: security Raised on class: security.ProductLicense	Severity: critical Implicitly cleared: true Default probable cause: licensedLimitExceeded (106)	<ul style="list-style-type: none"> • 4.0.0 • 5.0.0 • 6.0.0 • 7.0.0
Description: The alarm is raised when the license items in the network exceeds 100 percent of the license capacity.		
Raising condition: ('Exceeded' EQUAL 'true')		
Clearing condition: ('Exceeded' NOT EQUAL 'true')		
Remedial action: Informational - The number of SAM licenses purchased and available on the SAM server is insufficient as compared to the number of NEs/MDA/Cells under management in the network. Please contact Alcatel-Lucent Sales to purchase additional licenses.		

Table 12-73 LinkDown (equipment)

Alarm	Attributes	Applicable major releases
Name: LinkDown (12) Type: communicationsAlarm (4) Package: equipment Raised on class: equipment.Equipment	Severity: major Implicitly cleared: true Default probable cause: portLinkProblem (10)	<ul style="list-style-type: none"> • 4.0.0 • 5.0.0 • 6.0.0 • 7.0.0
Description: The alarm is raised when a port has no associated physical link or remote end point is operationally down.		
Raising condition: (('compositeEquipmentState' EQUAL 'Link Down') OR ('compositeEquipmentState' EQUAL 'Oper Down'))		
Clearing condition: (('compositeEquipmentState' NOT EQUAL 'Link Down') AND ('compositeEquipmentState' NOT EQUAL 'Oper Down'))		
Remedial action: Please make sure that port has physical link and remote end point is operationally up.		

Table 12-74 LowTemperatureDetected

Alarm	Attributes	Applicable major releases
Name: LowTemperatureDetected (1127) Type: environmentalAlarm (2) Package: equipment Raised on class: equipment.Shelf	Severity: major Implicitly cleared: true Default probable cause: equipmentOvercooled (838)	<ul style="list-style-type: none"> • 4.0.0 • 5.0.0 • 6.0.0 • 7.0.0
Description: The alarm is raised when the chassis temperature falls below the minimum threshold.		
Raising condition: ('Low Temperature State' EQUAL 'Low')		
Clearing condition: ('Low Temperature State' NOT EQUAL 'Low')		
Remedial action: The NE has detected internal temperatures which are abnormally low. This may happen when the environment that the NE is operating in may not be within specifications found in the NE user guides.		

Table 12-75 LspDown

Alarm	Attributes	Applicable major releases
Name: LspDown (25) Type: pathAlarm (12) Package: mpls Raised on class: mpls.Lsp	Severity: critical Implicitly cleared: true Default probable cause: lspDown (19)	<ul style="list-style-type: none"> • 4.0.0 • 5.0.0 • 6.0.0 • 7.0.0
Description: The alarm is raised when the Operational State of an LSP is Down, but the Administrative State is Up.		
Raising condition: (('administrativeState' EQUAL 'Up') AND ('operationalState' NOT EQUAL 'Up'))		
Clearing condition: (('operationalState' EQUAL 'Up') OR ('administrativeState' NOT EQUAL 'Up'))		
Remedial action: So many things can cause LSP down, check if source and destination interfaces are down, LSP path is down and the failure code, or MPLS path is down...		

Table 12-76 LspPathBypassTunnelActive

Alarm	Attributes	Applicable major releases
Name: LspPathBypassTunnelActive (264) Type: pathAlarm (12) Package: mpls Raised on class: mpls.LspPath	Severity: warning Implicitly cleared: true Default probable cause: LspPathReroutedToBypassTunnel (197)	<ul style="list-style-type: none"> • 4.0.0 • 5.0.0 • 6.0.0 • 7.0.0
Description: The alarm is raised when an LSP primary path is rerouted to the bypass tunnel. The alarm clears when the primary path returns to the original tunnel and the actual hop returns to the primary path.		
Raising condition: ('Bypass Tunnel Active' EQUAL 'true')		
Clearing condition: ('Bypass Tunnel Active' EQUAL 'false')		
Remedial action: There is a problem with the original path, check what is the problem and fix it if possible.		

Table 12-77 LspPathDown

Alarm	Attributes	Applicable major releases
Name: LspPathDown (26) Type: pathAlarm (12) Package: mpls Raised on class: mpls.LspPath	Severity: major Implicitly cleared: true Default probable cause: LspPathDown (20)	<ul style="list-style-type: none"> • 4.0.0 • 5.0.0 • 6.0.0 • 7.0.0
Description: The alarm is raised when an LSP path is operationally down.		
Raising condition: (('Administrative' EQUAL 'Up') AND ('Operational' NOT EQUAL 'Up') AND ('Type' EQUAL 'Standby'))		
Clearing condition: (('Operational' EQUAL 'Up') OR ('Administrative' NOT EQUAL 'Up') OR ('Type' EQUAL 'Secondary'))		
Remedial action: Check the failure code and update accordingly, e.g. whether MPLS/RSVP interfaces, OSPF interfaces are down.		

Table 12-78 macMoveRateExceeded (service)

Alarm	Attributes	Applicable major releases
Name: macMoveRateExceeded (3690) Type: accessInterfaceAlarm (40) Package: service Raised on class: service.AccessInterface	Severity: minor Implicitly cleared: true Default probable cause: MacMoveRateExceeded (1429)	<ul style="list-style-type: none"> • 4.0.0 • 5.0.0 • 6.0.0 • 7.0.0
Description: The alarm is raised when the SAP exceeds the MAC Move Frequency of the service site.		
Raising condition: ('State Cause'anyBit'Relearn Limit Exceeded')		
Clearing condition: NOT (('State Cause'anyBit'Relearn Limit Exceeded'))		
Remedial action: Informational.		

Table 12-79 macMoveRateExceeded (svt)

Alarm	Attributes	Applicable major releases
Name: macMoveRateExceeded (3690) Type: SpokeSdpBindingAlarm (104) Package: svt Raised on class: svt.SpokeSdpBinding	Severity: minor Implicitly cleared: true Default probable cause: MacMoveRateExceeded (1429)	<ul style="list-style-type: none"> • 4.0.0 • 5.0.0 • 6.0.0 • 7.0.0
Description: The alarm is raised when the SDP exceeds the Service Site's MAC Move Frequency.		
Raising condition: ('operationalFlags'anyBit'Relearn Limit Exceeded')		
Clearing condition: NOT (('operationalFlags'anyBit'Relearn Limit Exceeded'))		
Remedial action: Check Service Site MAC move frequency or underlying physical link to understand issue.		

Table 12-80 macMoveRateExceededNonBlock (service)

Alarm	Attributes	Applicable major releases
Name: macMoveRateExceededNonBlock (4893) Type: accessInterfaceAlarm (40) Package: service Raised on class: service.AccessInterface	Severity: info Implicitly cleared: true Default probable cause: MacMoveRateExceededNonBlock (1951)	<ul style="list-style-type: none"> • 4.0.0 • 5.0.0 • 6.0.0 • 7.0.0
Description: The alarm is raised when the SAP exceeds the MAC Move Frequency of the service site when limitMacMove(sapTIsLimitMacMove) is set to 'nonBlocking'.		
Raising condition: ('State Cause'anyBit'Relearn Limit Exceeded')		
Clearing condition: NOT (('State Cause'anyBit'Relearn Limit Exceeded'))		
Remedial action: Informational - User can adjust the value of 'MAC Move Maximum Rate' to reduce the frequency of this alarm.		

Table 12-81 macMoveRateExceededNonBlock (svt)

Alarm	Attributes	Applicable major releases
Name: macMoveRateExceededNonBlock (4893) Type: SpokeSdpBindingAlarm (104) Package: svt Raised on class: svt.SpokeSdpBinding	Severity: info Implicitly cleared: true Default probable cause: MacMoveRateExceededNonBlock (1951)	<ul style="list-style-type: none"> • 4.0.0 • 5.0.0 • 6.0.0 • 7.0.0
Description: The alarm is raised when the SDP exceeds the Service Site's MAC Move Frequency even when limitMacMove(sdpBindTIsLimitMacMove) is set to 'nonBlocking'.		
Raising condition: ('operationalFlags'anyBit'Relearn Limit Exceeded')		
Clearing condition: NOT (('operationalFlags'anyBit'Relearn Limit Exceeded'))		
Remedial action: Informational - User can adjust the value of 'MAC Move Maximum Rate' to reduce the frequency of this alarm.		

Table 12-82 MCLagDown (lag)

Alarm	Attributes	Applicable major releases
Name: MCLagDown (394) Type: equipmentAlarm (3) Package: lag Raised on class: lag.MultiChassisLagSpecifics	Severity: critical Implicitly cleared: true Default probable cause: mclagDown (295)	<ul style="list-style-type: none"> • 4.0.0 • 5.0.0 • 6.0.0 • 7.0.0
Description: The alarm is raised when all ports in an MC LAG are operationally down.		
Raising condition: (('administrativeState' EQUAL 'Up') AND ('operationalState' NOT EQUAL 'Up'))		
Clearing condition: (('operationalState' EQUAL 'Up') OR ('administrativeState' NOT EQUAL 'Up'))		
Remedial action: This alarm indicates that all physical Ethernet links associated with a LAG are operationally down. The reasons for the links to be down may vary from link to link. The following possible causes of this alarm should be investigated. The physical port (near end or far end may have failed - this can be remedied by replacing the interface card in question. The physical links may have been turned down administratively - re-enable the links. A cable failure or disconnect may have occurred - please ensure that the cables are properly connected to the physical port and and that the cable has not been damaged.		

Table 12-83 MCLagDown (multichassis)

Alarm	Attributes	Applicable major releases
Name: MCLagDown (394) Type: equipmentAlarm (3) Package: multichassis Raised on class: multichassis.MultiChassisLagPeerSpecifics	Severity: critical Implicitly cleared: true Default probable cause: mclagDown (295)	<ul style="list-style-type: none"> • 4.0.0 • 5.0.0 • 6.0.0 • 7.0.0
Description: The alarm is raised when all ports in an MC LAG are operationally Down.		
Raising condition: (('Administrative State' EQUAL 'Up') AND ('Operational State' NOT EQUAL 'Up'))		
Clearing condition: (('Operational State' EQUAL 'Up') OR ('Administrative State' NOT EQUAL 'Up'))		
Remedial action: This alarm indicates that all physical Ethernet links associated with a LAG are operationally down. The reasons for the links to be down may vary from link to link. The following possible causes of this alarm should be investigated. The physical port (near end or far end may have failed - this can be remedied by replacing the interface card in question. The physical links may have been turned down administratively - re-enable the links. A cable failure or disconnect may have occurred - please ensure that the cables are properly connected to the physical port and and that the cable has not been damaged.		

Table 12-84 MepAISReceivedAlarm

Alarm	Attributes	Applicable major releases
Name: MepAISReceivedAlarm (2945) Type: oamAlarm (18) Package: ethernetoam Raised on class: ethernetoam.Mep	Severity: variable Implicitly cleared: true Default probable cause: missingRemoteMep (388)	<ul style="list-style-type: none"> • 4.0.0 • 5.0.0 • 6.0.0 • 7.0.0
Description: The alarm is raised when a MEP receives AIS test frames from one or more of its sub-layer MEPs.		

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Alarm	Attributes	Applicable major releases
Raising condition: (('AIS Received (AisRx)' EQUAL 'true') AND ('Facility VLAN ID' EQUAL '0'))		
Clearing condition: ('AIS Received (AisRx)' EQUAL 'false')		
Remedial action: This alarm indicates that it has received a MEP fault from a sub-layer MEP, user should investigate the fault cause on the sub-layer MEP and resolve this root cause issue.		

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Table 12-85 MobileConnectorDown

Alarm	Attributes	Applicable major releases
Name: MobileConnectorDown (1064) Type: EpcAlarm (59) Package: Iteservice Raised on class: Iteservice.MobileServiceConnector	Severity: minor Implicitly cleared: true Default probable cause: EpcDown (519)	<ul style="list-style-type: none"> • 4.0.0 • 5.0.0 • 6.0.0 • 7.0.0
Description: The alarm is raised when the 5620 SAM no longer manages the EPS path instance of this mobile service site. As a result, the service must be regenerated.		
Raising condition: ('EPS Path' EQUAL '\')		
Clearing condition: ('EPS Path' NOT EQUAL '\')		
Remedial action: The underlying transport network has gone down resulting in the deletion of a mobile service connector (EPS path). Correct the issue with the transport network and regenerate the mobile service connector by clicking on the re-calculate button on the mobile service properties form.		

Table 12-86 MplsDown

Alarm	Attributes	Applicable major releases
Name: MplsDown (27) Type: ProtocolAlarm (1) Package: mpls Raised on class: mpls.Site	Severity: critical Implicitly cleared: true Default probable cause: protocolDown (1)	<ul style="list-style-type: none"> • 4.0.0 • 5.0.0 • 6.0.0 • 7.0.0
Description: The alarm is raised when an MPLS site has an Operational State other than Up, and the Administrative State is Up.		
Raising condition: (('Administrative State' EQUAL 'Up') AND ('Operational State' NOT EQUAL 'Up'))		
Clearing condition: (('Operational State' EQUAL 'Up') OR ('Administrative State' NOT EQUAL 'Up'))		
Remedial action: Check operational down reason and update accordingly.		

Table 12-87 MplsPathUpdateFailed

Alarm	Attributes	Applicable major releases
Name: MplsPathUpdateFailed (1066) Type: pathAlarm (12) Package: mpls Raised on class: mpls.LspPath	Severity: major Implicitly cleared: true Default probable cause: mbbRetryExceeded (804) Applicable probable causes: <ul style="list-style-type: none"> • mbbRetryExceeded • lspPathGoingDown • startingHighPriMbb • restartingMbb • highPriMbbInProg 	<ul style="list-style-type: none"> • 4.0.0 • 5.0.0 • 6.0.0 • 7.0.0
Description: The alarm is raised when an MPLS path update fails because of an MBB problem. The alarm clears when the MBB status changes to Successful.		
Raising condition: (('mbbStatus' NOT EQUAL 'None') AND ('mbbStatus' NOT EQUAL 'Successful'))		
Clearing condition: (('Last Performed State' EQUAL 'Success') OR ('Administrative' EQUAL 'Down') OR (('Operational' EQUAL 'Up') AND ('Last Performed State' EQUAL 'None'))		
Remedial action: Based on the probable cause, change the parameters and update the path again.		

Table 12-88 MvrConfiguredFromVplsNotExist

Alarm	Attributes	Applicable major releases
Name: MvrConfiguredFromVplsNotExist (219) Type: configurationAlarm (11) Package: vpls Raised on classes: <ul style="list-style-type: none"> • vpls.L2AccessInterfaceMldMvrCfg • vpls.L2AccessInterfaceMvrCfg 	Severity: warning Implicitly cleared: true Default probable cause: MvrConfiguredFromVplsNotExist (164)	<ul style="list-style-type: none"> • 5.0.0 • 6.0.0 • 7.0.0
Description: The alarm is raised when an MVR source is an MVR VPLS that does not exist. The alarm clears when the MVR VPLS is created.		
Raising condition: ('fromVplsExists' EQUAL 'false')		
Clearing condition: (('fromVplsExists' EQUAL 'true') OR ('fromVplsId' EQUAL '0L'))		
Remedial action: Create the missing MVR VPLS.		

Table 12-89 MvrConfiguredProxySapNotExist

Alarm	Attributes	Applicable major releases
Name: MvrConfiguredProxySapNotExist (220) Type: configurationAlarm (11) Package: vpls Raised on classes: <ul style="list-style-type: none"> vpls.L2AccessInterfaceMldMvrCfg vpls.L2AccessInterfaceMvrCfg 	Severity: warning Implicitly cleared: true Default probable cause: MvrConfiguredProxySapNotExist (165)	<ul style="list-style-type: none"> 5.0.0 6.0.0 7.0.0
Description: The alarm is raised when a configured MVR proxy SAP does not exist. The alarm clears when the proxy SAP is created.		
Raising condition: ('proxySapExists' EQUAL 'false')		
Clearing condition: ('proxySapExists' EQUAL 'true')		
Remedial action: Create the missing proxy SAP.		

Table 12-90 MvrSiteDown

Alarm	Attributes	Applicable major releases
Name: MvrSiteDown (162) Type: ProtocolAlarm (1) Package: layer2 Raised on class: layer2.MvrSite	Severity: warning Implicitly cleared: true Default probable cause: protocolDown (1)	<ul style="list-style-type: none"> 4.0.0 5.0.0 6.0.0 7.0.0
Description: The alarm is raised when MVR is disabled on an NE and a TLS VLAN or MVR VLAN service is provisioned on the NE.		
Raising condition: ('MVR Admin Status' EQUAL 'Disabled')		
Clearing condition: ('MVR Admin Status' EQUAL 'Enabled')		
Remedial action: To clear the alarm, enable MVR Admin Status under the Bridge Instance.		

Table 12-91 NeighborDown

Alarm	Attributes	Applicable major releases
Name: NeighborDown (121) Type: NeighborDown (20) Package: ospf Raised on class: ospf.AbstractNeighbor	Severity: major Implicitly cleared: true Default probable cause: NeighborDown (103)	<ul style="list-style-type: none"> 4.0.0 5.0.0 6.0.0 7.0.0
Description: The alarm is raised when an OSPF interface neighbor is operationally Down.		
Raising condition: ('Operational State' NOT EQUAL 'full')		
Clearing condition: ('Operational State' EQUAL 'full')		

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Alarm	Attributes	Applicable major releases
Remedial action: This alarm is raised when the OSPF interface neighbor is operationally down. The situation may occur if the underlying physical interface is down either because of administrative disabling or a fault on the far end port or due to a cable connection or cable failure. This alarm will also be raised if the underlying transport network fails or is unreliable. Resolving the underlying instability in the transport network will correct this problem.		

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Table 12-92 NeManagementAndTrapManagementMismatch

Alarm	Attributes	Applicable major releases
Name: NeManagementAndTrapManagementMismatch (1079) Type: communicationsAlarm (4) Package: netw Raised on class: netw.NetworkElement	Severity: warning Implicitly cleared: true Default probable cause: neManagementChange (817)	<ul style="list-style-type: none"> • 4.0.0 • 5.0.0 • 6.0.0 • 7.0.0
Description: This user-defined alarm is raised when the NE configuration is one of the following: - The Active Management IP is set to Out Of Band, and the Primary Route Preference is set to In Band. - The Active Management IP is set to In Band, and the Primary Route Preference is set to Out of Band.		
Raising condition: (((('Active Management IP' EQUAL 'In Band') AND (('Management IP Selection' EQUAL 'In Band Preferred') OR ('Management IP Selection' EQUAL 'In Band Only')) AND ('Primary Route Preference' EQUAL 'Out Of Band') AND ('Secondary Route Preference' EQUAL 'In Band')) OR (('Active Management IP' EQUAL 'Out Of Band') AND (('Management IP Selection' EQUAL 'Out Of Band Preferred') OR ('Management IP Selection' EQUAL 'Out Of Band Only')) AND ('Primary Route Preference' EQUAL 'In Band') AND ('Secondary Route Preference' EQUAL 'Out Of Band')))		
Clearing condition: (((('Active Management IP' EQUAL 'In Band') AND (('Management IP Selection' EQUAL 'In Band Preferred') OR ('Management IP Selection' EQUAL 'In Band Only')) AND ('Primary Route Preference' EQUAL 'In Band')) OR (('Active Management IP' EQUAL 'Out Of Band') AND (('Management IP Selection' EQUAL 'Out Of Band Preferred') OR ('Management IP Selection' EQUAL 'Out Of Band Only')) AND ('Primary Route Preference' EQUAL 'Out Of Band')))		
Remedial action: A configuration error has been made which must be corrected. The parameters described in the description for this alarm must match.		

Table 12-93 NewSsh2ServerKeyDetected

Alarm	Attributes	Applicable major releases
Name: NewSsh2ServerKeyDetected (285) Type: communicationsAlarm (4) Package: security Raised on class: security.KnownHostKey	Severity: warning Implicitly cleared: true Default probable cause: ssh2ServerKeyMismatch (217)	<ul style="list-style-type: none"> • 4.0.0 • 5.0.0 • 6.0.0 • 7.0.0
Description: The alarm is raised when a 5620 SAM main server detects a new public SSH key.		
Raising condition: ('SSH2 Server Key Status' EQUAL 'Mismatch SSH2 Host Key')		
Clearing condition: ('SSH2 Server Key Status' EQUAL 'Active SSH2 Host Key')		
Remedial action: Informational - possible security breach. The SSH key of the router is different from the one known to the SAM server.		

Table 12-94 NodeDatabaseFallbackDetected

Alarm	Attributes	Applicable major releases
Name: NodeDatabaseFallbackDetected (2923) Type: communicationsAlarm (4) Package: netw Raised on class: netw.NetworkElement	Severity: major Implicitly cleared: true Default probable cause: nodeDatabaseFallback (1121)	<ul style="list-style-type: none"> • 4.0.0 • 5.0.0 • 6.0.0 • 7.0.0
Description: The alarm is raised when a configuration fallback is detected on the node and comes back up with a previous configuration. To correct this situation it might be necessary to reconfigure the node, or perform full resync its database with the 'fallback' configuration returned by the node.		
Raising condition: ('State' EQUAL 'Node Configuration Fallback')		
Clearing condition: ('State' EQUAL 'Managed')		
Remedial action: the NE has come back to a previous configuration. Perform a manual Full Resync or a Reconfigure of the NE		

Table 12-95 NodeDatabaseMisalignmentDetected

Alarm	Attributes	Applicable major releases
Name: NodeDatabaseMisalignmentDetected (2924) Type: communicationsAlarm (4) Package: netw Raised on class: netw.NetworkElement	Severity: major Implicitly cleared: true Default probable cause: nodeDatabaseMisalignment (1122)	<ul style="list-style-type: none"> • 4.0.0 • 5.0.0 • 6.0.0 • 7.0.0
Description: The alarm is raised when a configuration misalignment has been detected on the node and comes back up with an unexpected configuration (configuration change triggered by external tool) To correct this situation it might be necessary to reconfigure the node with the 5620 SAM's old configuration or accept the new configuration received from the node.		
Raising condition: ('State' EQUAL 'Node Configuration Misalignment')		
Clearing condition: ('State' EQUAL 'Managed')		
Remedial action: the NE configuration is misaligned. Perform a resync in order to update SAM configuration according to the NE.		

Table 12-96 NodeRebooted

Alarm	Attributes	Applicable major releases
Name: NodeRebooted (32) Type: equipmentAlarm (3) Package: netw Raised on class: netw.NetworkElement	Severity: warning Implicitly cleared: false Default probable cause: nodeReboot (25)	<ul style="list-style-type: none"> • 4.0.0 • 5.0.0 • 6.0.0 • 7.0.0
Description: The alarm is raised when the 5620 SAM detects an NE reboot based on the latest NE sysUpTime value.		
Remedial action: Informational - if the alarm persists please contact Alcatel-Lucent support for assistance		

Table 12-97 NodeSuspended

Alarm	Attributes	Applicable major releases
Name: NodeSuspended (5123) Type: communicationsAlarm (4) Package: netw Raised on class: netw.NetworkElement	Severity: critical Implicitly cleared: true Default probable cause: NodeSuspend (2057)	<ul style="list-style-type: none"> • 4.0.0 • 5.0.0 • 6.0.0 • 7.0.0
Description: The alarm is raised when the 5620 SAM detects an NE moved to suspend state as per user request.		
Raising condition: ('SNMP Reachability' EQUAL 'Suspended')		
Clearing condition: ('SNMP Reachability' NOT EQUAL 'Suspended')		
Remedial action: This alarm is raised when user suspends the network element. The alarm will be cleared when the network element is managed back.		

Table 12-98 NTPOperDown

Alarm	Attributes	Applicable major releases
Name: NTPOperDown (4879) Type: communicationsAlarm (4) Package: ntp Raised on class: ntp.NTP	Severity: info Implicitly cleared: true Default probable cause: NTPOperDown (1943)	<ul style="list-style-type: none"> • 5.0.0 • 6.0.0 • 7.0.0
Description: The alarm is generated when the NTP Operational State is down for NTP.		
Raising condition: (('Operational State' EQUAL 'Down') AND ('NTP State' EQUAL 'Enabled'))		
Clearing condition: (('Operational State' EQUAL 'Up') OR ('NTP State' EQUAL 'Disabled'))		
Remedial action: Please check if NTP is administratively enabled (Admin State in NTP General Tab). If admin state down, enable it to make NTP operationally up.		

Table 12-99 OrphanNodeDetected

Alarm	Attributes	Applicable major releases
Name: OrphanNodeDetected (4866) Type: discoveryControlAlarm (33) Package: netw Raised on class: netw.AdvertisedNode	Severity: major Implicitly cleared: true Default probable cause: nodeNotMangedByAnyEms (1934)	<ul style="list-style-type: none"> • 4.0.0 • 5.0.0 • 6.0.0 • 7.0.0
Description: The alarm is raised when node is node managed by any EMS after n retries(threshold crossed) it is manually cleared by the operator or when the node is discovered.		
Raising condition: ('State' EQUAL 'Orphan')		
Remedial action: The NE is not managed by any SAM. Add an discovery rule in order to managed it.		

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Table 12-100 OspfInterfaceDown

Alarm	Attributes	Applicable major releases
Name: OspfInterfaceDown (141) Type: OspfInterfaceDown (24) Package: ospf Raised on class: ospf.Interface	Severity: warning Implicitly cleared: true Default probable cause: OspfInterfaceDown (112)	<ul style="list-style-type: none"> • 4.0.0 • 5.0.0 • 6.0.0 • 7.0.0
Description: The alarm is raised when an OSPF interface is operationally down.		
Raising condition: ('operationalState' EQUAL 'Down')		
Clearing condition: ('operationalState' NOT EQUAL 'Down')		
Remedial action: This alarm is raised when the OSPF interface is operationally down. The situation may occur if the underlying physical interface is down either because of administrative disabling or a fault on the far end port or due to a cable connection or cable failure. This alarm will also be raised if the underlying transport network fails or is unreliable. Resolving the underlying instability in the transport network will correct this problem.		

Table 12-101 OverTemperatureDetected

Alarm	Attributes	Applicable major releases
Name: OverTemperatureDetected (388) Type: environmentalAlarm (2) Package: equipment Raised on class: equipment.Shelf	Severity: major Implicitly cleared: true Default probable cause: equipmentOverheated (5)	<ul style="list-style-type: none"> • 4.0.0 • 5.0.0 • 6.0.0 • 7.0.0
Description: The alarm is raised when the chassis temperature exceeds the maximum threshold value.		
Raising condition: ('Over Temperature State' EQUAL 'Over')		
Clearing condition: ('Over Temperature State' NOT EQUAL 'Over')		
Remedial action: The NE has detected internal temperatures which are abnormally high. This could be caused by a failed fan unit or one or more dirty fan filters. Replacing the failed unit or filters should resolve the problem. Alternately the environment that the NE is operating in may not be within specifications found in the NE user guides.		

Table 12-102 PartialResyncProblem

Alarm	Attributes	Applicable major releases
Name: PartialResyncProblem (4401) Type: communicationsAlarm (4) Package: netw Raised on class: netw.NetworkElement	Severity: warning Implicitly cleared: true Default probable cause: partialResyncProblem (1578)	<ul style="list-style-type: none"> • 4.0.0 • 5.0.0 • 6.0.0 • 7.0.0
Description: The alarm is raised when a partial resync on an NE fails. For example, when resyncing only some MIB entries as opposed to a full resync. The periodic reachability test (sysUpTime) is not considered a partial resync, neither is a full resync. However, a PartialResyncProblem alarm can only be reset by a FullResync.		
Raising condition: ('partialResyncStatus' EQUAL 'Partial Resync Failed')		

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Alarm	Attributes	Applicable major releases
Clearing condition: ('partialResyncStatus' EQUAL 'Partial Resync Done')		
Remedial action: Informational - if the alarm persists or is occurring frequently then investigation is required to understand a) why the underlying transport network is unreliable or b) why the NE is too busy to respond to 5620 SAM or c) has SNMP been disabled on the NE.		

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Table 12-103 PeerConnectionDown (bgp)

Alarm	Attributes	Applicable major releases
Name: PeerConnectionDown (2) Type: ProtocolAlarm (1) Package: bgp Raised on class: bgp.Peer	Severity: critical Implicitly cleared: true Default probable cause: connectionDown (2)	<ul style="list-style-type: none"> • 4.0.0 • 5.0.0 • 6.0.0 • 7.0.0
Description: The alarm is raised when a BGP peer has a Connection State other than Established, and the Administrative State of the BGP peer is Up.		
Raising condition: (('Connection State' NOT EQUAL 'Established') AND ('Administrative State' EQUAL 'Up'))		
Clearing condition: (('Connection State' EQUAL 'Established') OR ('Administrative State' NOT EQUAL 'Up'))		
Remedial action: A mismatch in configuration may have occurred. Check the configuration of both peers to rule out a mismatched configuration.		

Table 12-104 PeerDown (bgp)

Alarm	Attributes	Applicable major releases
Name: PeerDown (1) Type: ProtocolAlarm (1) Package: bgp Raised on class: bgp.Peer	Severity: critical Implicitly cleared: true Default probable cause: protocolDown (1)	<ul style="list-style-type: none"> • 4.0.0 • 5.0.0 • 6.0.0 • 7.0.0
Description: The alarm is raised when a BGP peer has an Operational State other than Up, and the Administrative State is Up.		
Raising condition: (('Administrative State' EQUAL 'Up') AND ('Operational State' NOT EQUAL 'Up'))		
Clearing condition: (('Operational State' EQUAL 'Up') OR ('Administrative State' NOT EQUAL 'Up'))		
Remedial action: The BGP peer entity is down - administratively disable the BGP peer and re-enable it. If toggling the administrative state does not solve the problem check that the physical interface and network connection to the far end peer are up and operational. If the problem persists please contact Alcatel-Lucent support for assistance.		

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Table 12-105 PeerGroupDown (bgp)

Alarm	Attributes	Applicable major releases
Name: PeerGroupDown (5) Type: ProtocolAlarm (1) Package: bgp Raised on class: bgp.PeerGroup	Severity: critical Implicitly cleared: true Default probable cause: protocolDown (1)	<ul style="list-style-type: none"> • 4.0.0 • 5.0.0 • 6.0.0 • 7.0.0
Description: The alarm is raised when a BGP peer group has an Operational State other than Up, and the Administrative State is Up.		
Raising condition: (('Administrative State' EQUAL 'Up') AND ('Operational State' NOT EQUAL 'Up'))		
Clearing condition: (('Operational State' EQUAL 'Up') OR ('Administrative State' NOT EQUAL 'Up'))		
Remedial action: The BGP peer group is down - administratively disable the BGP peer group and re-enable it. If the problem persists please contact Alcatel-Lucent support for assistance.		

Table 12-106 PeerLacIngressEgressFault

Alarm	Attributes	Applicable major releases
Name: PeerLacIngressEgressFault (2929) Type: PeerLacAlarm (98) Package: svt Raised on class: svt.SpokeSdpBinding	Severity: minor Implicitly cleared: true Default probable cause: peerPWStatusBitsChanged (1123)	<ul style="list-style-type: none"> • 4.0.0 • 5.0.0 • 6.0.0 • 7.0.0
Description: The alarm is raised when the Peer Status is Peer LAC Rx Fault and Peer LAC Tx Fault		
Raising condition: (('Peer State Cause'anyBit'Peer LAC Tx Fault') AND ('Peer State Cause'anyBit'Peer LAC Rx Fault'))		
Clearing condition: NOT (((('Peer State Cause'anyBit'Peer LAC Tx Fault') AND ('Peer State Cause'anyBit'Peer LAC Rx Fault'))		
Remedial action: One of the following conditions exists on the referenced physical interface which must be corrected. A cable/fiber fault exists which must be corrected - check to ensure that the cable is not faulty and is properly connected. The port is faulty - run diagnostics on the port to determine the nature of the fault. If the problem cannot be resolved swap the card containing the port with a card which is known be functional.		

Table 12-107 PersistentIndexParametersMisconfigured

Alarm	Attributes	Applicable major releases
Name: PersistentIndexParametersMisconfigured (173) Type: configurationAlarm (11) Package: netw Raised on class: netw.NetworkElement	Severity: major Implicitly cleared: true Default probable cause: persistentIndexConfigurationMismatch (136)	<ul style="list-style-type: none"> • 4.0.0 • 5.0.0 • 6.0.0 • 7.0.0
Description: The alarm is raised when persistence is set to Off in the NE BOF.		
Raising condition: (('Persistent SNMP Indices' EQUAL 'False') OR (('hasRedundantProcessorCards' EQUAL 'true') AND ('Redundant Synchronization Mode' EQUAL 'None'))		

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Alarm	Attributes	Applicable major releases
Clearing condition: (('Persistent SNMP Indices' EQUAL 'True') AND (('hasRedundantProcessorCards' EQUAL 'false') OR ('Redundant Synchronization Mode' NOT EQUAL 'None')))		
Remedial action: A configuration error has occurred that must be corrected. Use the CLI on the NE to enable persistency in the BOF. The discovery process will complete on the next discovery scan. A re-scan can be triggered immediately for the NE from within the discovery manager		

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Table 12-108 PimDown

Alarm	Attributes	Applicable major releases
Name: PimDown (184) Type: ProtocolAlarm (1) Package: pim Raised on class: pim.Site	Severity: critical Implicitly cleared: true Default probable cause: protocolDown (1)	<ul style="list-style-type: none"> 7.0.0
Description: The alarm is raised when a PIM site is administratively Up but operationally Down. The alarm is cleared when the PIM site becomes operationally Up but administratively Down.		
Raising condition: (('Administrative State' EQUAL 'Up') AND ('Operational State' NOT EQUAL 'Up'))		
Clearing condition: (('Operational State' EQUAL 'Up') OR ('Administrative State' NOT EQUAL 'Up'))		
Remedial action: This should never happen. Contact Alcatel-Lucent Customer Support for assistance.		

Table 12-109 PollerProblem

Alarm	Attributes	Applicable major releases
Name: PollerProblem (31) Type: communicationsAlarm (4) Package: netw Raised on class: netw.NetworkElement	Severity: warning Implicitly cleared: true Default probable cause: resyncFailed (24)	<ul style="list-style-type: none"> 4.0.0 5.0.0 6.0.0 7.0.0
Description: The alarm is raised when the 5620 SAM is unable to poll a network object, for example, because of intermittent or no IP connectivity to an NE, incorrect SNMP security parameters, or disabled SNMP on the NE.		
Raising condition: ('Resync Status' EQUAL 'Full Resync Failed')		
Clearing condition: ('Resync Status' EQUAL 'Full Resync Done')		
Remedial action: Informational - if the alarm persists or is occurring frequently then investigation is required to understand a) why the underlying transport network is unreliable or b) why the NE is too busy to respond to 5620 SAM or c) has SNMP been disabled on the NE. Once the issue has been resolved SAM will automatically re-attempt.		

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Table 12-110 PortEtherSymMonSDAlarm

Alarm	Attributes	Applicable major releases
Name: PortEtherSymMonSDAlarm (5662) Type: communicationsAlarm (4) Package: ethernetequipment Raised on class: ethernetequipment.EthernetPortSpecifics	Severity: major Implicitly cleared: true Default probable cause: etherPortSymMonSDThresholdExceededAlarm (2439)	<ul style="list-style-type: none"> • 4.0.0 • 5.0.0 • 6.0.0 • 7.0.0
Description: The alarm is raised when an Ethernet port Symbol Monitor Failure alarm condition is detected (Signal Degradation Threshold exceeded).		
Raising condition: ('Symbol Alarm Reason' EQUAL 'SD Threshold Exceeded')		
Clearing condition: ('Symbol Alarm Reason' NOT EQUAL 'SD Threshold Exceeded')		
Remedial action: Symbol monitor signal degradation alarm could be cleared by changing/disabling the associated threshold/multiplier values or it is self clearing and will clear once the error rate drops below 1/10th of the configured rate.		

Table 12-111 PortEtherSymMonSFAlarm

Alarm	Attributes	Applicable major releases
Name: PortEtherSymMonSFAlarm (5663) Type: communicationsAlarm (4) Package: ethernetequipment Raised on class: ethernetequipment.EthernetPortSpecifics	Severity: major Implicitly cleared: true Default probable cause: etherPortSymMonSFThresholdExceededAlarm (2440)	<ul style="list-style-type: none"> • 4.0.0 • 5.0.0 • 6.0.0 • 7.0.0
Description: The alarm is raised when an Ethernet port Symbol Monitor Failure alarm condition is detected (Signal Failure Threshold exceeded).		
Raising condition: ('Symbol Alarm Reason' EQUAL 'SF Threshold Exceeded')		
Clearing condition: ('Symbol Alarm Reason' NOT EQUAL 'SF Threshold Exceeded')		
Remedial action: Symbol monitor signal failure alarm could be cleared by changing/disabling the associated threshold/multiplier values or by taking the port out of service (eg. shutdown, card/mda reset, physical link loss).		

Table 12-112 PowerSupplyFailure

Alarm	Attributes	Applicable major releases
Name: PowerSupplyFailure (633) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.PowerSupplyTray	Severity: critical Implicitly cleared: true Default probable cause: powerSupplyFailure (117)	<ul style="list-style-type: none"> • 4.0.0 • 5.0.0 • 6.0.0 • 7.0.0
Description: The alarm is raised when a power-supply tray reports a failure. When the alarm is raised during device discovery, a power-supply tray may be out of service. When the alarm is raised while the device is in the managed state, a power-supply tray may be out of service or the AC power shelf has a fault condition. The alarm clears when the status changes to OK.		
Raising condition: (('Power Supply 1 Status' EQUAL 'Not Equipped') OR ('Power Supply 1 Status' EQUAL 'Failed'))		

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Alarm	Attributes	Applicable major releases
Clearing condition: (('Power Supply 1 Status' EQUAL 'OK'))		
Remedial action: Ensure that the NE is properly connected to power. If the problem persists please contact Alcatel-Lucent support for assistance.		

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Table 12-113 PowerSupplyInputFeedDown

Alarm	Attributes	Applicable major releases
Name: PowerSupplyInputFeedDown (5422) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.PowerSupplyTray	Severity: minor Implicitly cleared: true Default probable cause: powerSupplyInputFeedDown (2073)	<ul style="list-style-type: none"> • 4.0.0 • 5.0.0 • 6.0.0 • 7.0.0
Description: This alarm is generated if any one of the input feeds for a given power supply is not supplying power.		
Raising condition: (('inputFeedStatus' EQUAL 'Input A Down') OR ('inputFeedStatus' EQUAL 'Input B Down') OR (('inputFeedStatus'allBits'Input A Down') AND ('inputFeedStatus'allBits'Input B Down'))		
Clearing condition: ('inputFeedStatus' EQUAL 'None')		
Remedial action: Restore all of the input feeds that are not supplying power.		

Table 12-114 PowerSupplyRemoved

Alarm	Attributes	Applicable major releases
Name: PowerSupplyRemoved (542) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.PowerSupplyTray	Severity: major Implicitly cleared: true Default probable cause: PowerSupplyRemoved (415)	<ul style="list-style-type: none"> • 4.0.0 • 5.0.0 • 6.0.0 • 7.0.0
Description: The alarm is raised when a chassis power supply is removed.		
Raising condition: ('Power Supply 1 Status' EQUAL 'Not Equipped')		
Clearing condition: ('Power Supply 1 Status' NOT EQUAL 'Not Equipped')		
Remedial action: To recover from this event, the customer is requested to add a new power supply to the system, or change a faulty power supply with a working one.		

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Table 12-115 PrimaryImageBootFailure

Alarm	Attributes	Applicable major releases
Name: PrimaryImageBootFailure (191) Type: configurationAlarm (11) Package: sw Raised on class: sw.CardSoftware	Severity: warning Implicitly cleared: true Default probable cause: bootOptionFileMisconfigured (150)	<ul style="list-style-type: none"> • 4.0.0 • 5.0.0 • 6.0.0 • 7.0.0
Description: The alarm is raised when the primary software image specified in an NE BOF is unusable.		
Raising condition: (('imageSource' NOT EQUAL 'Primary') AND ('imageSource' NOT EQUAL 'Unknown'))		
Clearing condition: (('imageSource' EQUAL 'Primary') OR ('imageSource' EQUAL 'Unknown'))		
Remedial action: The SW image on the NE may have been inadvertently corrupted. Download a new copy of the SW image to the NE. If the problem persists contact Alcatel-Lucent support for assistance.		

Table 12-116 PrimaryPathLimitReached

Alarm	Attributes	Applicable major releases
Name: PrimaryPathLimitReached (457) Type: resourceAlarm (28) Package: equipment Raised on class: equipment.DaughterCard	Severity: warning Implicitly cleared: true Default probable cause: resourceLimitReached (131)	<ul style="list-style-type: none"> • 4.0.0 • 5.0.0 • 6.0.0 • 7.0.0
Description: The alarm is raised when the Ingress Multicast Path Management primary path bandwidth limit is reached.		
Raising condition: (('Primary Path Limit Override' > '0') AND ('Primary Path In use' >= (1000 * 'Primary Path Limit Override'))"		
Clearing condition: (('Primary Path Limit Override' > '0') AND ('Primary Path In use' < (1000 * 'Primary Path Limit Override'))"		
Remedial action: Informational - The alarm is raised when the Ingress Multicast Path Management primary path bandwidth limit is reached. This can be remedied by modifying the primary path limit located at T1 Paths tab of the multicast bandwidth policy which assigned to the card, or increase the primary path limit override located at the Daughter Card tab under Daughter Card Slot form.		

Table 12-117 PTPNotQualified

Alarm	Attributes	Applicable major releases
Name: PTPNotQualified (3611) Type: communicationsAlarm (4) Package: sonet Raised on class: sonet.SiteSync	Severity: minor Implicitly cleared: true Default probable cause: PTPNotQualified (1400)	<ul style="list-style-type: none"> • 4.0.0 • 5.0.0 • 6.0.0 • 7.0.0
Description: The alarm is raised when PTP on an NE is not in the Qualified state.		
Raising condition: (('Qualified For Use' EQUAL 'Not Qualified'))		
Clearing condition: (('Qualified For Use' NOT EQUAL 'Not Qualified'))		
Remedial action: Check the communication path is up between the local PTP slave clock and its selected master		

Table 12-118 PTPPeerLossOfAnnounce

Alarm	Attributes	Applicable major releases
Name: PTPPeerLossOfAnnounce (3608) Type: communicationsAlarm (4) Package: ptp Raised on class: ptp.IEEEPTPPeer	Severity: minor Implicitly cleared: true Default probable cause: PTPPeerLossOfAnnounce (1397)	<ul style="list-style-type: none"> • 5.0.0 • 6.0.0 • 7.0.0
Description: The alarm is raised when the PTP peer is in the 'Packet Timing Signal Fail (Loss Announce)' state. This indicates that the PTP announce messages are not received from the remote master.		
Raising condition: (('Master GM Alarms'anyBit'Loss of Announce'))		
Clearing condition: NOT (('Master GM Alarms'anyBit'Loss of Announce'))		
Remedial action: Please check if Configured Peer IP address is reachable (ping <Peer Ip>) from the this SR node and PTP configuration is proper.		

Table 12-119 PTPPeerLossOfSync

Alarm	Attributes	Applicable major releases
Name: PTPPeerLossOfSync (3609) Type: communicationsAlarm (4) Package: ptp Raised on class: ptp.IEEEPTPPeer	Severity: minor Implicitly cleared: true Default probable cause: PTPPeerLossOfSync (1398)	<ul style="list-style-type: none"> • 5.0.0 • 6.0.0 • 7.0.0
Description: The alarm is raised when the PTP peer is in the 'Packet Timing Signal Fail (Loss Sync)' state. This indicates that the PTP timing messages are not received from the remote master.		
Raising condition: (('Master GM Alarms'anyBit'Loss of Sync'))		
Clearing condition: NOT (('Master GM Alarms'anyBit'Loss of Sync'))		
Remedial action: Please check if Configured Peer IP address is reachable (ping <Peer Ip>) from the this SR node and PTP configuration is proper.		

Table 12-120 PTPReferenceLossOfSignal

Alarm	Attributes	Applicable major releases
Name: PTPReferenceLossOfSignal (3613) Type: communicationsAlarm (4) Package: sonet Raised on class: sonet.SiteSync	Severity: minor Implicitly cleared: true Default probable cause: PTPReferenceLossOfSignal (1402)	<ul style="list-style-type: none"> • 4.0.0 • 5.0.0 • 6.0.0 • 7.0.0
Description: The alarm is raised when the PTP reference on an NE is not qualified due to Loss of Signal.		
Raising condition: (('Not Qualified Due To'anyBit'LOS'))		
Clearing condition: NOT (('Not Qualified Due To'anyBit'LOS'))		
Remedial action: Check the communication path is up between the local PTP slave clock and its selected master		

Table 12-121 PTPReferenceOutOfFrequency

Alarm	Attributes	Applicable major releases
Name: PTPReferenceOutOfFrequency (3614) Type: communicationsAlarm (4) Package: sonet Raised on class: sonet.SiteSync	Severity: minor Implicitly cleared: true Default probable cause: PTPReferenceOutOfFrequency (1403)	<ul style="list-style-type: none"> • 4.0.0 • 5.0.0 • 6.0.0 • 7.0.0
Description: The alarm is raised when the PTP Reference on an NE is not qualified due to Out of frequency.		
Raising condition: (('Not Qualified Due To'anyBit'OOFF'))		
Clearing condition: NOT (('Not Qualified Due To'anyBit'OOFF'))		
Remedial action: Make sure that frequency configured for Reference One is correct.		

Table 12-122 PTPReferenceOutOfPollInRange

Alarm	Attributes	Applicable major releases
Name: PTPReferenceOutOfPollInRange (3615) Type: communicationsAlarm (4) Package: sonet Raised on class: sonet.SiteSync	Severity: minor Implicitly cleared: true Default probable cause: PTPReferenceOutOfPollInRange (1404)	<ul style="list-style-type: none"> • 4.0.0 • 5.0.0 • 6.0.0 • 7.0.0
Description: The alarm is raised when the PTP Reference on an NE is not qualified state due to Out of poll in range.		
Raising condition: (('Not Qualified Due To'anyBit'OOPIR'))		
Clearing condition: NOT (('Not Qualified Due To'anyBit'OOPIR'))		
Remedial action: If there is packet flow, the PTP slave clock is in it's initial acquiring states where the sync-if-timing reference does not qualify just wait.		

Table 12-123 RadiusOperStatusDown

Alarm	Attributes	Applicable major releases
Name: RadiusOperStatusDown (3692) Type: radiusOperStatusDownAlarm (105) Package: netw Raised on class: netw.NetworkElement	Severity: critical Implicitly cleared: true Default probable cause: radiusOperationStatusDown (1431)	<ul style="list-style-type: none"> • 4.0.0 • 5.0.0 • 6.0.0 • 7.0.0
Description: The alarm is raised when all RADIUS servers have gone down.		
Raising condition: ('Global RADIUS Operational State' EQUAL 'Down')		
Clearing condition: ('Global RADIUS Operational State' EQUAL 'Up')		
Remedial action: Verify the RADIUS server is properly configured and radius server state is up. Check the connectivity between SAM server and radius server configured on the Network element.		

Table 12-124 ReachabilityProblem

Alarm	Attributes	Applicable major releases
Name: ReachabilityProblem (243) Type: communicationsAlarm (4) Package: netw Raised on class: netw.NetworkElement	Severity: major Implicitly cleared: true Default probable cause: ReachabilityTestFailed (176)	<ul style="list-style-type: none"> • 4.0.0 • 5.0.0 • 6.0.0 • 7.0.0
Description: The alarm is raised when a mediation poll of the SysUpTimeAlarm object on an NE fails, for example, because of network congestion or because the NE is too busy to respond. The probable cause is an unreachable NE Mediation agent on the NE. The polling interval depends on the NE type and is configurable in nms-server.xml. By default, the 5620 SAM polls a managed NE every four minutes. If a poll fails, the alarm is raised. The alarm clears when the 5620 SAM receives a response from the NE, and the 5620 SAM GUI icon that represents the NE turns from red to green.		
Raising condition: ('SNMP Reachability' EQUAL 'Down')		
Remedial action: Informational - if the alarm persists or is occurring frequently then investigation is required to understand a) why the underlying transport network is unreliable or b) why the NE is too busy to respond to 5620 SAM or c) has SNMP been disabled on the NE. Once the issue has been resolved SAM will automatically re-attempt.		

Table 12-125 ReconfigFailure

Alarm	Attributes	Applicable major releases
Name: ReconfigFailure (1949) Type: communicationsAlarm (4) Package: netw Raised on class: netw.NetworkElement	Severity: critical Implicitly cleared: true Default probable cause: failedReconfig (937)	<ul style="list-style-type: none"> • 4.0.0 • 5.0.0 • 6.0.0 • 7.0.0
Description: This alarm is raised when the reconfig action failed.		
Raising condition: ('State' EQUAL 'Failed')		
Clearing condition: ('State' NOT EQUAL 'Failed')		
Remedial action: Verify that the object is configured as expected.		

Table 12-126 RedundantMepMisconfiguration

Alarm	Attributes	Applicable major releases
Name: RedundantMepMisconfiguration (3631) Type: oamAlarm (18) Package: ethernetoam Raised on class: ethernetoam.Mep	Severity: minor Implicitly cleared: true Default probable cause: misconfiguredRedundantMep (1416)	<ul style="list-style-type: none"> • 4.0.0 • 5.0.0 • 6.0.0 • 7.0.0
Description: The alarm is raised when an Active and Redundant MEP do not have the same ID, Operational MAC Address or Sub Group configured.		
Raising condition: ('validRedundantMepConfig' EQUAL 'false')		
Clearing condition: ('validRedundantMepConfig' EQUAL 'true')		

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Alarm	Attributes	Applicable major releases
Remedial action: MC-LAG redundant MEP configuration (MEP ID or Mac Address) for Active & Standby Interfaces do not match, this could cause issues with CFM or CCM tests if Active interface changes. Delete and Re-create Standby MEP to match Active.		

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Table 12-127 RedundantMepMissing

Alarm	Attributes	Applicable major releases
Name: RedundantMepMissing (3632) Type: oamAlarm (18) Package: ethernetToam Raised on class: ethernetToam.Mep	Severity: minor Implicitly cleared: true Default probable cause: missingRedundantMep (1417)	<ul style="list-style-type: none"> • 4.0.0 • 5.0.0 • 6.0.0 • 7.0.0
Description: The alarm is raised when a MEP misses a redundant counterpart on LAG or SAP.		
Raising condition: (('MC-LAG Inactive' NOT EQUAL 'Not Applicable') AND ('Redundant MEP' EQUAL '\\""))		
Clearing condition: (('MC-LAG Inactive' EQUAL 'Not Applicable') OR (('MC-LAG Inactive' NOT EQUAL 'Not Applicable') AND ('Redundant MEP' NOT EQUAL '\\""))		
Remedial action: MC-LAG redundant MEP is missing Active & Standby Interfaces, this will cause issues with CFM or CCM tests if Active interface changes. Create missing Active/Standby MEP to match existing.		

Table 12-128 RemoteMepCCMAAlarm

Alarm	Attributes	Applicable major releases
Name: RemoteMepCCMAAlarm (502) Type: oamAlarm (18) Package: ethernetToam Raised on class: ethernetToam.Mep	Severity: major Implicitly cleared: true Default probable cause: missingRemoteMep (388)	<ul style="list-style-type: none"> • 4.0.0 • 5.0.0 • 6.0.0 • 7.0.0
Description: The alarm is raised when a MEP loses connectivity with one or more remote MEPs. The Remote MEP DB State tab on a MEP lists the missing remote MEPs.		
Raising condition: ('High-Priority Defect' NOT EQUAL '0')		
Clearing condition: ('High-Priority Defect' EQUAL '0')		
Remedial action: MEP has lost communication with Remote MEP defined in Maintenance Association (MEG) Remote MEP list, Either Remote MEP list is incorrect or diagnose connection fault and resolve.		

Table 12-129 RouteDistinguisherNotConfigured

Alarm	Attributes	Applicable major releases
Name: RouteDistinguisherNotConfigured (142) Type: configurationAlarm (11) Package: I3fwd Raised on class: I3fwd.ServiceSite	Severity: major Implicitly cleared: true Default probable cause: routeDistinguisherNotConfigured (113)	<ul style="list-style-type: none"> • 4.0.0 • 5.0.0 • 6.0.0 • 7.0.0
Description: The alarm is raised when no RD is configured for an L3 service site.		
Raising condition: ('routeDistinguisher' EQUAL \"00 00 00 00 00 00 00\")		
Clearing condition: ('routeDistinguisher' NOT EQUAL \"00 00 00 00 00 00 00\")		
Remedial action: A configuration error has occurred which must be corrected. The RD must be configured on the L3 Service Site in question.		

Table 12-130 RsvpDown

Alarm	Attributes	Applicable major releases
Name: RsvpDown (74) Type: ProtocolAlarm (1) Package: rsvp Raised on class: rsvp.Site	Severity: critical Implicitly cleared: true Default probable cause: protocolDown (1)	<ul style="list-style-type: none"> • 4.0.0 • 5.0.0 • 6.0.0 • 7.0.0
Description: The alarm is raised when an RSVP site has an Operational State other than Up, and the Administrative State is Up.		
Raising condition: (('Administrative State' EQUAL 'Up') AND ('Operational State' NOT EQUAL 'Up'))		
Clearing condition: (('Operational State' EQUAL 'Up') OR ('Administrative State' NOT EQUAL 'Up'))		
Remedial action: The RSVP Site is down while it is administratively up. Please check MPLS is enabled and administratively up.		

Table 12-131 SaveConfigFailed

Alarm	Attributes	Applicable major releases
Name: SaveConfigFailed (105) Type: configurationAlarm (11) Package: sw Raised on class: sw.BackupRestoreManager	Severity: major Implicitly cleared: true Default probable cause: fileAccessError (90)	<ul style="list-style-type: none"> • 4.0.0 • 5.0.0 • 6.0.0 • 7.0.0
Description: The alarm is raised when the admin save command on an NE fails.		
Raising condition: ('Config Save State' EQUAL 'Failure')		
Clearing condition: ('Config Save State' EQUAL 'Success')		
Remedial action: Attempt the admin save command a second time. If the problem persists please contact Alcatel-Lucent support for assistance.		

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Table 12-132 ScheduledPollerProblem

Alarm	Attributes	Applicable major releases
Name: ScheduledPollerProblem (4386) Type: communicationsAlarm (4) Package: netw Raised on class: netw.NetworkElement	Severity: warning Implicitly cleared: true Default probable cause: scheduledResyncFailed (1569)	<ul style="list-style-type: none"> • 4.0.0 • 5.0.0 • 6.0.0 • 7.0.0
Description: The alarm is raised when the 5620 SAM is unable to poll a network object, for example, because of intermittent or no IP connectivity to an NE, incorrect SNMP security parameters, or disabled SNMP on the NE.		
Raising condition: ('Scheduled Resync Status' EQUAL 'Scheduled Resync Failed')		
Clearing condition: ('Scheduled Resync Status' EQUAL 'Scheduled Resync Done')		
Remedial action: Informational - if the alarm persists or is occurring frequently then investigation is required to understand a) why the underlying transport network is unreliable or b) why the NE is too busy to respond to 5620 SAM or c) has SNMP been disabled on the NE. Once the issue has been resolved SAM will automatically re-attempt.		

Table 12-133 SdpBindingDown

Alarm	Attributes	Applicable major releases
Name: SdpBindingDown (221) Type: SdpBindingAlarm (30) Package: svt Raised on class: svt.SdpBinding	Severity: critical Implicitly cleared: true Default probable cause: SdpBindingNotReady (166)	<ul style="list-style-type: none"> • 4.0.0 • 5.0.0 • 6.0.0 • 7.0.0
Description: The alarm is raised when an SDP binding has an Operational State other than Up.		
Raising condition: (('Operational State' NOT EQUAL 'Up') AND ('State Cause' NOT EQUAL 'Standby For BGP Multi-Homing'))		
Clearing condition: (('Operational State' EQUAL 'Up') OR ('State Cause' EQUAL 'Standby For BGP Multi-Homing'))		
Remedial action: To resolve this alarm check the SDP binding to determine if a configuration mismatch exists. If configuration is determined to be correct then the associated network interface may be down. Further investigation is required to determine why the underlying network interface is down.		

Table 12-134 SdpBindingTunnelDown

Alarm	Attributes	Applicable major releases
Name: SdpBindingTunnelDown (222) Type: CircuitAlarm (17) Package: svt Raised on class: svt.SdpBinding	Severity: critical Implicitly cleared: true Default probable cause: SdpTunnelNotReady (167)	<ul style="list-style-type: none"> • 4.0.0 • 5.0.0 • 6.0.0 • 7.0.0
Description: The alarm is raised when an SDP binding tunnel has an Operational State other than Up.		
Raising condition: (('Operational State' EQUAL 'Tunnel Not Ready') OR ('Operational State' EQUAL 'Tunnel Down'))		
Clearing condition: (('Operational State' NOT EQUAL 'Tunnel Not Ready') AND ('Operational State' NOT EQUAL 'Tunnel Down'))		

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Alarm	Attributes	Applicable major releases
Remedial action: To resolve this alarm check the endpoints of the SDP binding to determine if a configuration mismatch exists. If configuration matches then the underlying network resource between the endpoints of the SDP may be down. Further investigation is required to determine why the underlying transport network is down.		

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Table 12-135 SdpEgressIfsNetDomainInConsistent

Alarm	Attributes	Applicable major releases
Name: SdpEgressIfsNetDomainInConsistent (3616) Type: resourceAlarm (28) Package: svt Raised on class: svt.Tunnel	Severity: warning Implicitly cleared: true Default probable cause: sdpEgressIfsNetDomainInConsistent (1405)	<ul style="list-style-type: none"> • 4.0.0 • 5.0.0 • 6.0.0 • 7.0.0
Description: The alarm is raised when the SDP egress interface's consistency state changes to inconsistent.		
Raising condition: ('Egress Interfaces Consistency State' EQUAL '3')		
Clearing condition: ('Egress Interfaces Consistency State' EQUAL '2')		
Remedial action: To resolve this alarm check egress interfaces of the SDP configuration. If configuration is determined to be correct check underlying physical transport. Further investigation is required.		

Table 12-136 SecondaryPathLimitReached

Alarm	Attributes	Applicable major releases
Name: SecondaryPathLimitReached (458) Type: resourceAlarm (28) Package: equipment Raised on class: equipment.DaughterCard	Severity: warning Implicitly cleared: true Default probable cause: resourceLimitReached (131)	<ul style="list-style-type: none"> • 4.0.0 • 5.0.0 • 6.0.0 • 7.0.0
Description: The alarm is raised when the Ingress Multicast Path Management secondary path bandwidth limit is reached.		
Raising condition: (('Secondary Path Limit Override' > '0') AND ('Secondary Path In use' >= (1000 * 'Secondary Path Limit Override'))		
Clearing condition: (('Secondary Path Limit Override' > '0') AND ('Secondary Path In use' < (1000 * 'Secondary Path Limit Override'))		
Remedial action: Informational - The alarm is raised when the Ingress Multicast Path Management secondary path bandwidth limit is reached. This can be remedied by modifying the secondary path limit located at T1 Paths tab of the multicast bandwidth policy which assigned to the card, or increase the secondary path limit override located at the Daughter Card tab under Daughter Card Slot form.		

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Table 12-137 ServiceSiteDown

Alarm	Attributes	Applicable major releases
Name: ServiceSiteDown (97) Type: serviceAlarm (16) Package: service Raised on class: service.Site	Severity: critical Implicitly cleared: true Default probable cause: siteDown (83)	<ul style="list-style-type: none"> • 4.0.0 • 5.0.0 • 6.0.0 • 7.0.0
Description: The alarm is raised when all SAPs on a site are operationally down, or when the service tunnels for the site are operationally down.		
Raising condition: (('Operational State' NOT EQUAL 'Up') AND ('State Cause' NOT EQUAL 'All Spoke SDP Bindings are Standby'))		
Clearing condition: (('Operational State' EQUAL 'Up') OR ('State Cause' EQUAL 'All Spoke SDP Bindings are Standby'))		
Remedial action: The network resources (i.e. physical ports for SAPs, or physical ports/LSP) associated with the service site should be examined to determine if/why they are operationally down. The underlying transport network supporting the site may also be unreliable.		

Table 12-138 SessionDown

Alarm	Attributes	Applicable major releases
Name: SessionDown (73) Type: ProtocolAlarm (1) Package: rsvp Raised on class: rsvp.Session	Severity: critical Implicitly cleared: true Default probable cause: interfaceDown (32)	<ul style="list-style-type: none"> • 4.0.0 • 5.0.0 • 6.0.0 • 7.0.0
Description: The alarm is raised when an RSVP session is operationally down.		
Raising condition: ('Operational State' EQUAL 'Down')		
Clearing condition: ('Operational State' EQUAL 'Up')		
Remedial action: Please check the RSVP session path to make sure all associated protocols/interfaces/connections are OK.		

Table 12-139 ShamLinkDown

Alarm	Attributes	Applicable major releases
Name: ShamLinkDown (665) Type: ShamLinkAlarm (57) Package: ospf Raised on class: ospf.ShamLink	Severity: critical Implicitly cleared: true Default probable cause: ShamLinkDown (492)	<ul style="list-style-type: none"> • 7.0.0
Description: The alarm is raised when a sham link is operationally down.		
Raising condition: ('Operational State' EQUAL 'Down')		
Clearing condition: ('Operational State' NOT EQUAL 'Down')		

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Alarm	Attributes	Applicable major releases
Remedial action: This alarm is raised when the OSPF sham link is operationally down. The situation may occur if the underlying physical interface is down either because of administrative disabling or a fault on the far end port or due to a cable connection or cable failure. This alarm will also be raised if the underlying transport network fails or is unreliable. Resolving the underlying instability in the transport network will correct this problem.		

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Table 12-140 SingleSFMOverloadDetected

Alarm	Attributes	Applicable major releases
Name: SingleSFMOverloadDetected (843) Type: ProtocolAlarm (1) Package: I3fwd Raised on class: I3fwd.Site	Severity: major Implicitly cleared: true Default probable cause: signleSfmOverloadDetected (601)	<ul style="list-style-type: none"> • 4.0.0 • 5.0.0 • 6.0.0 • 7.0.0
Description: The alarm is raised when a device reports a single-SFM overload. The alarm clears when the VR exits the Overload state.		
Raising condition: ('Overload State' EQUAL 'Overload')		
Clearing condition: ('Overload State' EQUAL 'Normal')		
Remedial action: Information - if the the problem persists please contact Alcatel-Lucent support for assistance.		

Table 12-141 StatsRetrieveFailed

Alarm	Attributes	Applicable major releases
Name: StatsRetrieveFailed (244) Type: configurationAlarm (11) Package: sw Raised on class: sw.AccountingStatsRetrievalManager	Severity: major Implicitly cleared: false Default probable cause: fileTransferFailure (89)	<ul style="list-style-type: none"> • 4.0.0 • 5.0.0 • 6.0.0 • 7.0.0
Description: The alarm is raised when the 5620 SAM main or auxiliary server cannot transfer an accounting file from an NE.		
Raising condition: (('Stats Retrieval State' NOT EQUAL 'Success') AND ('Stats Retrieval State' NOT EQUAL 'Not Attempted'))		
Remedial action: Informational - if the alarm persists or is occurring frequently then investigation is required to understand a) why the underlying transport network is unreliable or b) why the NE is too busy or otherwise cannot respond to the 5620 SAM main or auxiliary server.		

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Table 12-142 StpExceptionCondition

Alarm	Attributes	Applicable major releases
Name: StpExceptionCondition (297) Type: AccessInterfaceAlarm (32) Package: I2fwd Raised on class: I2fwd.AccessInterfaceStp	Severity: major Implicitly cleared: true Default probable cause: StpException (228)	<ul style="list-style-type: none"> • 4.0.0 • 5.0.0 • 6.0.0 • 7.0.0
Description: The alarm is raised when a SAP detects an STP exception condition, for example, one-way communication or a downstream loop. The alarm clears when the STP condition changes.		
Raising condition: (('STP Exception Condition' NOT EQUAL 'None') AND ('Administrative State' EQUAL 'Up'))		
Clearing condition: (('STP Exception Condition' EQUAL 'None') OR ('Administrative State' EQUAL 'Down'))		
Remedial action: Check 'STP Exception Condition' field for more details and fix the STP exception.		

Table 12-143 StpRootGuardViolation

Alarm	Attributes	Applicable major releases
Name: StpRootGuardViolation (503) Type: AccessInterfaceAlarm (32) Package: I2fwd Raised on class: I2fwd.AccessInterfaceStp	Severity: warning Implicitly cleared: true Default probable cause: spanningTreeTopologyChanged (331)	<ul style="list-style-type: none"> • 4.0.0 • 5.0.0 • 6.0.0 • 7.0.0
Description: The alarm is raised when a SAP detects an STP root guard violation.		
Raising condition: ('Root Guard Violation' EQUAL 'true')		
Clearing condition: ('Root Guard Violation' NOT EQUAL 'true')		
Remedial action: Set 'Root Guard' to false if not necessary.		

Table 12-144 SubscriberSystemNextHopUsageHigh

Alarm	Attributes	Applicable major releases
Name: SubscriberSystemNextHopUsageHigh (5157) Type: thresholdCrossed (6) Package: netw Raised on class: netw.NetworkElement	Severity: minor Implicitly cleared: true Default probable cause: resourceFull (53)	<ul style="list-style-type: none"> • 4.0.0 • 5.0.0 • 6.0.0 • 7.0.0
Description: The alarm is raised when the IP next-hop usage by subscriber managed routes reaches its high watermark, cleared when it reaches its low watermark again; the watermarks are derived from the limit specified with the property subSysNextHopLimit.		
Raising condition: ('IP Next Hop Usage High' EQUAL 'true')		
Clearing condition: ('IP Next Hop Usage High' EQUAL 'false')		

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Alarm	Attributes	Applicable major releases
Remedial action: The alarm is raised when the IP next-hop usage by subscriber managed routes reaches its high watermark, cleared when it reaches its low watermark again; the watermarks are derived from the limit specified with the property subSysNextHopLimit. There is no immediate effect, but when the usage actually hits the limit, new hosts will not get their managed routes.		

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Table 12-145 SubSysChassMemoryUsageHi

Alarm	Attributes	Applicable major releases
Name: SubSysChassMemoryUsageHi (5656) Type: thresholdCrossed (6) Package: equipment Raised on class: equipment.Shelf	Severity: minor Implicitly cleared: true Default probable cause: resourceFull (53)	<ul style="list-style-type: none"> • 4.0.0 • 5.0.0 • 6.0.0 • 7.0.0
Description: This alarm is raised when the memory usage by subscriber management on this system or chassis reaches its high watermark ('true').		
Raising condition: ('Memory Usage High' EQUAL 'True')		
Clearing condition: (('Memory Usage High' EQUAL 'False') OR ('Memory Usage High' EQUAL 'unspecified'))		
Remedial action: The memory usage by subscriber management on this system has reached its high watermark. Please check your memory usage.		

Table 12-146 TemperatureThresholdCrossed

Alarm	Attributes	Applicable major releases
Name: TemperatureThresholdCrossed (7) Type: environmentalAlarm (2) Package: equipment Raised on class: equipment.Environment	Severity: major Implicitly cleared: true Default probable cause: equipmentOverheated (5)	<ul style="list-style-type: none"> • 4.0.0 • 5.0.0 • 6.0.0 • 7.0.0
Description: The alarm is raised when a temperature crosses a threshold.		
Raising condition: ('temperatureThresholdCrossed' EQUAL 'true')		
Clearing condition: ('temperatureThresholdCrossed' EQUAL 'false')		
Remedial action: The NE has detected internal temperatures which are abnormally high. This could be caused by a failed fan unit or one or more dirty fan filters. Replacing the failed unit or filters should resolve the problem. Alternately the environment that the NE is operating in may not be within specifications found in the NE user guides.		

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Table 12-147 TmnxEqPortEtherLoopDetected

Alarm	Attributes	Applicable major releases
Name: TmnxEqPortEtherLoopDetected (461) Type: portEtherLoopDetected (48) Package: ethernetequipment Raised on class: ethernetequipment.EthernetPortSpecifics	Severity: major Implicitly cleared: true Default probable cause: HighBer (238)	<ul style="list-style-type: none"> • 4.0.0 • 5.0.0 • 6.0.0 • 7.0.0
Description: The alarm is raised when a device detects a physical loop on an Ethernet port.		
Raising condition: (('Down When Looped Status' EQUAL 'Loop Detected'))		
Clearing condition: (('Down When Looped Status' EQUAL 'No Loop Detected'))		
Remedial action: An Ethernet port has been mis-cabled - please remove the loopback cable on the port.		

Table 12-148 TrapDestinationMisconfigured

Alarm	Attributes	Applicable major releases
Name: TrapDestinationMisconfigured (33) Type: configurationAlarm (11) Package: netw Raised on class: netw.NetworkElement	Severity: major Implicitly cleared: true Default probable cause: trapDestinationMisconfigured (26) Applicable probable causes: <ul style="list-style-type: none"> • trapDestinationMisconfigured • duplicateTrapLogId 	<ul style="list-style-type: none"> • 4.0.0 • 5.0.0 • 6.0.0 • 7.0.0
Description: The alarm is raised when the 5620 SAM cannot be added to the NE's SNMP trap destinations.		
Raising condition: ('isTrapDestinationMisconfigured' EQUAL 'true')		
Clearing condition: ('isTrapDestinationMisconfigured' EQUAL 'false')		
Remedial action: A configuration error has been made which must be corrected. The SNMP trap destination on the NE must be configured to the IP address of the SAM server.		

Table 12-149 TrapReceivingFailure

Alarm	Attributes	Applicable major releases
Name: TrapReceivingFailure (1083) Type: communications (87) Package: netw Raised on class: netw.NetworkElement	Severity: major Implicitly cleared: false Default probable cause: trapsWillNotBeSent (822)	<ul style="list-style-type: none"> • 4.0.0 • 5.0.0 • 6.0.0 • 7.0.0
Description: This user-defined alarm is raised when the NE is unable to send traps because the NE configuration is one of the following: - The Management IP Selection is set to Out Of Band Only, the Primary Route Preference is set to In Band, and the Secondary Route Preference is set to None. - The Management IP Selection is set to In Band Only, the Primary Route Preference is set to Out Of Band, and the Secondary Route Preference is set to None.		

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Alarm	Attributes	Applicable major releases
<p>Raising condition: (((('Active Management IP' EQUAL 'In Band') AND ('Management IP Selection' EQUAL 'In Band Only') AND ('Primary Route Preference' EQUAL 'Out Of Band') AND ('Secondary Route Preference' EQUAL 'None')) OR (('Active Management IP' EQUAL 'Out Of Band') AND ('Management IP Selection' EQUAL 'Out Of Band Only') AND ('Primary Route Preference' EQUAL 'In Band') AND ('Secondary Route Preference' EQUAL 'None')) OR (('Active Management IP' EQUAL 'Out Of Band') AND ('Management IP Selection' EQUAL 'In Band Preferred') AND ('Primary Route Preference' EQUAL 'In Band') AND ('Secondary Route Preference' EQUAL 'None')) OR (('Active Management IP' EQUAL 'In Band') AND ('Management IP Selection' EQUAL 'Out Of Band Preferred') AND ('Primary Route Preference' EQUAL 'Out Of Band') AND ('Secondary Route Preference' EQUAL 'None'))))</p>		
<p>Clearing condition: (((('Active Management IP' EQUAL 'In Band') AND ('Management IP Selection' EQUAL 'In Band Only') AND (('Primary Route Preference' EQUAL 'In Band') OR ('Secondary Route Preference' EQUAL 'In Band')) OR (('Active Management IP' EQUAL 'Out Of Band') AND ('Management IP Selection' EQUAL 'Out Of Band Only') AND (('Primary Route Preference' EQUAL 'Out Of Band') OR ('Secondary Route Preference' EQUAL 'Out Of Band')) OR (('Active Management IP' EQUAL 'Out Of Band') AND ('Management IP Selection' EQUAL 'In Band Preferred') AND ('Primary Route Preference' EQUAL 'Out Of Band') OR ('Secondary Route Preference' EQUAL 'Out Of Band')) OR (('Active Management IP' EQUAL 'In Band') AND ('Management IP Selection' EQUAL 'In Band Preferred') AND (('Primary Route Preference' EQUAL 'In Band') OR ('Secondary Route Preference' EQUAL 'In Band')) OR (('Active Management IP' EQUAL 'In Band') AND ('Management IP Selection' EQUAL 'Out Of Band Preferred') AND (('Primary Route Preference' EQUAL 'In Band') OR ('Secondary Route Preference' EQUAL 'In Band')) OR (('Active Management IP' EQUAL 'Out Of Band') AND ('Management IP Selection' EQUAL 'Out Of Band Preferred') AND (('Primary Route Preference' EQUAL 'Out Of Band') OR ('Secondary Route Preference' EQUAL 'Out Of Band'))))</p>		
<p>Remedial action: A configuration error has been made which must be corrected. The configuration error must be corrected per the discussion in the description for this alarm.</p>		

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Table 12-150 TrapRoutePreferenceRedundancyMissing

Alarm	Attributes	Applicable major releases
<p>Name: TrapRoutePreferenceRedundancyMissing (1084) Type: communications (87) Package: netw Raised on class: netw.NetworkElement</p>	<p>Severity: warning Implicitly cleared: true Default probable cause: trapsRedundancyMissing (823)</p>	<ul style="list-style-type: none"> • 4.0.0 • 5.0.0 • 6.0.0 • 7.0.0
<p>Description: The user-defined alarm is raised when NE management redundancy is configured without trap route preference redundancy.</p>		
<p>Raising condition: (((('Management IP Selection' EQUAL 'In Band Preferred') AND ('Active Management IP' EQUAL 'In Band') AND ('Primary Route Preference' EQUAL 'In Band') AND ('Secondary Route Preference' EQUAL 'None')) OR (('Management IP Selection' EQUAL 'Out Of Band Preferred') AND ('Active Management IP' EQUAL 'Out Of Band') AND ('Primary Route Preference' EQUAL 'Out Of Band') AND ('Secondary Route Preference' EQUAL 'None'))))</p>		
<p>Clearing condition: (((('Management IP Selection' EQUAL 'In Band Preferred') AND ('Active Management IP' EQUAL 'In Band') AND ('Secondary Route Preference' NOT EQUAL 'None')) OR (('Management IP Selection' EQUAL 'Out Of Band Preferred') AND ('Active Management IP' EQUAL 'Out Of Band') AND ('Secondary Route Preference' NOT EQUAL 'None'))))</p>		
<p>Remedial action: A configuration error has been made which must be corrected. The IP address of the standby SAM server must be configured on the NE in question.</p>		

Table 12-151 TunnelAdministrativelyDown (mpls)

Alarm	Attributes	Applicable major releases
Name: TunnelAdministrativelyDown (523) Type: pathAlarm (12) Package: mpls Raised on class: mpls.Tunnel	Severity: minor Implicitly cleared: true Default probable cause: tunnelAdministrativelyDown (333)	<ul style="list-style-type: none"> • 4.0.0 • 5.0.0 • 6.0.0 • 7.0.0
Description: The alarm is raised when the 5620 SAM detects that an MPLS path is administratively down.		
Raising condition: ('Administrative' NOT EQUAL 'Up')		
Clearing condition: ('Administrative' EQUAL 'Up')		
Remedial action: Turn up the corresponding MPLS path.		

Table 12-152 TunnelAdministrativelyDown (svt)

Alarm	Attributes	Applicable major releases
Name: TunnelAdministrativelyDown (523) Type: pathAlarm (12) Package: svt Raised on class: svt.Tunnel	Severity: minor Implicitly cleared: true Default probable cause: tunnelAdministrativelyDown (333)	<ul style="list-style-type: none"> • 4.0.0 • 5.0.0 • 6.0.0 • 7.0.0
Description: The alarm is raised when the 5620 SAM detects that a service tunnel is administratively down.		
Raising condition: ('administrativeState' NOT EQUAL 'Up')		
Clearing condition: ('administrativeState' EQUAL 'Up')		
Remedial action: Informational - an operator has manually turned down a service tunnel.		

Table 12-153 TunnelDown (mpls)

Alarm	Attributes	Applicable major releases
Name: TunnelDown (30) Type: pathAlarm (12) Package: mpls Raised on class: mpls.Tunnel	Severity: warning Implicitly cleared: true Default probable cause: tunnelDown (23)	<ul style="list-style-type: none"> • 4.0.0 • 5.0.0 • 6.0.0 • 7.0.0
Description: The alarm is raised when an MPLS path has an Operational State other than Up, and the Administrative State is Up.		
Raising condition: (('Administrative' EQUAL 'Up') AND ('Operational' NOT EQUAL 'Up'))		
Clearing condition: (('Operational' EQUAL 'Up') OR ('Administrative' NOT EQUAL 'Up'))		
Remedial action: Check the network resources along the path.		

Table 12-154 TunnelDown (svt)

Alarm	Attributes	Applicable major releases
Name: TunnelDown (30) Type: pathAlarm (12) Package: svt Raised on class: svt.AbstractTunnel	Severity: critical Implicitly cleared: true Default probable cause: tunnelDown (23)	<ul style="list-style-type: none"> • 4.0.0 • 5.0.0 • 6.0.0 • 7.0.0
Description: The alarm is raised when the 5620 SAM detects that a service tunnel is operationally down.		
Raising condition: (('Administrative' EQUAL 'Up') AND ('Operational' NOT EQUAL 'Up'))		
Clearing condition: (('Operational' EQUAL 'Up') OR ('Administrative' NOT EQUAL 'Up'))		
Remedial action: This alarm indicates that a problem has been made in the underlying transport network. If the alarm persists or re-occurs frequently then investigation of the underlying transport issues is warranted.		

Table 12-155 UnidentifiedNode

Alarm	Attributes	Applicable major releases
Name: UnidentifiedNode (1922) Type: communicationsAlarm (4) Package: netw Raised on class: netw.DiscoveredNode	Severity: major Implicitly cleared: true Default probable cause: unidentifiedNode (922)	<ul style="list-style-type: none"> • 4.0.0 • 5.0.0 • 6.0.0 • 7.0.0
Description: The alarm is raised when the node being discovered can not be properly identified.		
Raising condition: ('State' EQUAL 'Pending Identification')		
Clearing condition: ('State' NOT EQUAL 'Pending Identification')		
Remedial action: A configuration error has occurred that must be corrected. The eNodeB does not have a system name. The name can be configured by selecting the alarm, opening the associated properties form for the alarmed object and configuring the system name.		

Table 12-156 UnmanageFailed

Alarm	Attributes	Applicable major releases
Name: UnmanageFailed (300) Type: discoveryControlAlarm (33) Package: netw Raised on class: netw.NodeDiscoveryControl	Severity: warning Implicitly cleared: true Default probable cause: unableToDeleteNode (231)	<ul style="list-style-type: none"> • 4.0.0 • 5.0.0 • 6.0.0 • 7.0.0
Description: The alarm is raised when an attempt to unmanage an NE fails.		
Raising condition: ('Site State' EQUAL 'Unmanage Failed')		
Clearing condition: ('Site State' NOT EQUAL 'Unmanage Failed')		
Remedial action: Informational - if the alarm persists please contact Alcatel-Lucent support for assistance		

Table 12-157 UpgradedBuildVersionMismatch

Alarm	Attributes	Applicable major releases
Name: UpgradedBuildVersionMismatch (174) Type: configurationAlarm (11) Package: netw Raised on class: netw.NetworkElement	Severity: warning Implicitly cleared: true Default probable cause: upgradedImageNotBooted (137)	<ul style="list-style-type: none"> • 4.0.0 • 5.0.0 • 6.0.0 • 7.0.0
Description: The alarm is raised when the software version that an NE reports after a software upgrade does not match the version of the software used for the upgrade.		
Raising condition: ('upgradedBuildVersionMismatch' EQUAL 'true')		
Clearing condition: ('upgradedBuildVersionMismatch' EQUAL 'false')		
Remedial action: Informational - if the alarm persists please contact Alcatel-Lucent support for assistance		

Table 12-158 upgradedCardAlarm

Alarm	Attributes	Applicable major releases
Name: upgradedCardAlarm (255) Type: softwareAlarm (19) Package: equipment Raised on class: equipment.Card	Severity: warning Implicitly cleared: true Default probable cause: upgradedCard (194)	<ul style="list-style-type: none"> • 4.0.0 • 5.0.0 • 6.0.0 • 7.0.0
Description: The alarm is raised when the standby CPM is rebooted and operational after a software upgrade. A device resets an IOM automatically after 120 minutes if the IOM is not manually reset after a CPM upgrade.		
Raising condition: ('operationalState' EQUAL 'Upgrade')		
Clearing condition: ('operationalState' EQUAL 'Up')		
Remedial action: Informational - no corrective action required.		

Table 12-159 VersionConfigRestoreFailed

Alarm	Attributes	Applicable major releases
Name: VersionConfigRestoreFailed (536) Type: configurationAlarm (11) Package: sw Raised on class: sw.BackupRestoreManager	Severity: major Implicitly cleared: true Default probable cause: versionMismatch (405)	<ul style="list-style-type: none"> • 4.0.0 • 5.0.0 • 6.0.0 • 7.0.0
Description: The alarm is raised when the restore procedure on an NE fails because of a mismatch between the backup file set version and the NE software version.		
Raising condition: ('lastNmsVersionRestoreState' EQUAL 'Failure')		
Clearing condition: ('lastNmsVersionRestoreState' EQUAL 'Success')		
Remedial action: The backup files being restored do not match with the version of node software release. Download a new copy of the SW image to the NE. If the problem persists contact Alcatel-Lucent support for assistance.		

Table 12-160 VirtualLinkDown

Alarm	Attributes	Applicable major releases
Name: VirtualLinkDown (122) Type: VirtualLinkAlarm (21) Package: ospf Raised on class: ospf.VirtualLink	Severity: warning Implicitly cleared: true Default probable cause: VirtualLinkDown (104)	<ul style="list-style-type: none"> • 4.0.0 • 5.0.0 • 6.0.0 • 7.0.0
Description: The alarm is raised when a virtual link is Down.		
Raising condition: ('Operational State' EQUAL 'Down')		
Clearing condition: ('Operational State' NOT EQUAL 'Down')		
Remedial action: This alarm is raised when the OSPF virtual link is operationally down. The situation may occur if the underlying physical interface is down either because of administrative disabling or a fault on the far end port or due to a cable connection or cable failure. This alarm will also be raised if the underlying transport network fails or is unreliable. Resolving the underlying instability in the transport network will correct this problem.		

Table 12-161 VirtualNeighborDown

Alarm	Attributes	Applicable major releases
Name: VirtualNeighborDown (123) Type: VirtualNeighborDown (22) Package: ospf Raised on classes: <ul style="list-style-type: none"> • ospf.ShamLink • ospf.VirtualLink 	Severity: warning Implicitly cleared: true Default probable cause: VirtualNeighborDown (105)	<ul style="list-style-type: none"> • 4.0.0 • 5.0.0 • 6.0.0 • 7.0.0
Description: The alarm is raised when a neighbor virtual link is operationally down.		
Raising condition: ('neighborCount' EQUAL '0L')		
Clearing condition: ('neighborCount' NOT EQUAL '0L')		
Remedial action: This alarm is raised when the OSPF neighbor virtual link is operationally down. The situation may occur if the underlying physical interface is down either because of administrative disabling or a fault on the far end port or due to a cable connection or cable failure. This alarm will also be raised if the underlying transport network fails or is unreliable. Resolving the underlying instability in the transport network will correct this problem.		

Table 12-162 VwmShelfCardIdMismatch

Alarm	Attributes	Applicable major releases
Name: VwmShelfCardIdMismatch (5660) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.VWMCARDSlot	Severity: major Implicitly cleared: true Default probable cause: VwmShelfCardIdMismatch (2437)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0
Description: The alarm is raised when the configured vwm card id is different than the equipped vwm card.		
Raising condition: ('administrativeState' EQUAL 'Up')		

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Alarm	Attributes	Applicable major releases
Clearing condition: (('Assigned VWM Card Type' EQUAL 'Not Provisioned') OR ('Assigned VWM Card Type' EQUAL 'Not Equipped') OR ('administrativeState' EQUAL 'Down'))		
Remedial action: This alarm is raised when the detected VWM shelf card id does not match the provisioned id. Please follow the below steps to clear this alarm: a. Check the id on the rotary dial on the VWM Shelf. b. Use any of the following commands to clear the alarm. c. To change the VWM shelf id("config system vwm-shelf <shelf-id> . d. To delete an existing shelf("config system no vwm-shelf <shelf-id>").		

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Table 12-163 WrongCpaaSoftwareVersion

Alarm	Attributes	Applicable major releases
Name: WrongCpaaSoftwareVersion (791) Type: equipmentAlarm (3) Package: netw Raised on class: netw.NetworkElement	Severity: critical Implicitly cleared: true Default probable cause: wrongCpaaSoftwareVersion (559)	<ul style="list-style-type: none"> • 4.0.0 • 5.0.0 • 6.0.0 • 7.0.0
Description: The alarm is raised when the 7701 CPAA software is the wrong version and requires an upgrade.		
Raising condition: (('Software Version' EQUAL "\"TIMOS-B-3.0.Generic \") AND ('Chassis Type' EQUAL '7701 CPAA'))		
Clearing condition: (('Software Version' NOT EQUAL "\"TIMOS-B-3.0.Generic \") AND ('Chassis Type' EQUAL '7701 CPAA'))		
Remedial action: The SW version of the CPAA must be upgraded to the version compatible with CPAM version.		

Table 12-164 XplError

Alarm	Attributes	Applicable major releases
Name: XplError (573) Type: hardwareAnomaly (55) Package: equipment Raised on class: equipment.DaughterCard	Severity: minor Implicitly cleared: true Default probable cause: xplError (443)	<ul style="list-style-type: none"> • 4.0.0 • 5.0.0 • 6.0.0 • 7.0.0
Description: The alarm is raised when an MDA reports persistent XPL Errors.		
Raising condition: ('Number Of Notifications' NOT EQUAL '0')		
Clearing condition: ('Number Of Notifications' EQUAL '0')		
Remedial action: Informational - if the condition persists then the MDA indicated in the alarm should be replaced.		

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Note – Some alarms that the 5620 SAM can raise against this device may not be listed in this chapter. Associating alarms with specific NE types is an ongoing Alcatel-Lucent effort. If the 5620 SAM raises an alarm against this device type, and the alarm is not described in this chapter, see chapter 41 for information about the alarm.

Table 13-1 AaPolicerResourcesExceeded

Alarm	Attributes	Applicable major releases
Name: AaPolicerResourcesExceeded (2930) Type: configurationAlarm (11) Package: aapolicy Raised on class: aapolicy.AaSubOvrd	Severity: warning Implicitly cleared: false Default probable cause: AaPolicerResourcesExceeded (1124)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when Application Assurance configured override values exceed policer resources.		
Raising condition: (('Policer Resource Status' EQUAL 'Exceeded'))		
Clearing condition: (('Policer Resource Status' NOT EQUAL 'Exceeded'))		
Remedial action: The Application Assurance Subscriber Policy override(s) configuration has exceeded the policer resources. Remove overrides of a policy configuration for an Application Assurance subscriber where this may be occurring. If the problem persists please contact Alcatel-Lucent support for assistance.		

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Table 13-2 AarpDown

Alarm	Attributes	Applicable major releases
Name: AarpDown (3704) Type: AarpDown (107) Package: aapolicy Raised on class: aapolicy.Aarp	Severity: major Implicitly cleared: true Default probable cause: aarpDown (1444)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0
Description: The alarm is raised when the 5620 SAM detects that an AARP is operationally down.		
Raising condition: (('Administrative State' EQUAL 'Up') AND ('Operational State' NOT EQUAL 'Up'))		
Clearing condition: (('Operational State' EQUAL 'Up') OR ('Administrative State' NOT EQUAL 'Up'))		
Remedial action: The application assurance redundancy protocol is down either because it is administratively disabled, faulty or a peer address is not up. Ensure that the AARP is administratively up, and the peer ip address and this ip address points to each other.		

Table 13-3 AarpInterfaceDown

Alarm	Attributes	Applicable major releases
Name: AarpInterfaceDown (3904) Type: AarpInterfaceDown (111) Package: service Raised on class: service.AarpInterface	Severity: major Implicitly cleared: true Default probable cause: interfaceDown (32)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0
Description: The alarm is raised when the 5620 SAM detects that an AARP interface is operationally down.		
Raising condition: (('administrativeState' EQUAL 'Up') AND ('operationalState' NOT EQUAL 'Up'))		
Clearing condition: (('operationalState' EQUAL 'Up') OR ('administrativeState' NOT EQUAL 'Up'))		
Remedial action: The condition exists because the physical interface is down either because it is administratively disabled, faulty or a cabling fault has occurred. Ensure that the interface is administratively up. Check for a poor cable connection to the port or for a faulty cable/fiber. If neither appears to be the problem run diagnostics on the port to determine if it is faulty.		

Table 13-4 AccessInterfaceDown

Alarm	Attributes	Applicable major releases
Name: AccessInterfaceDown (249) Type: AccessInterfaceAlarm (32) Package: service Raised on class: service.AccessInterface	Severity: critical Implicitly cleared: true Default probable cause: interfaceDown (32)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when an L2 or L3 interface operational state is Down. The alarm is not raised against an L2 access interface that is associated with an MC ring or MC LAG in the standby state.		
Raising condition: (('Operational State' NOT EQUAL 'Up') AND ('State Cause' NOT EQUAL 'Standby For MC-Ring') AND ('State Cause' NOT EQUAL 'Standby For MC-Lag') AND ('State Cause' NOT EQUAL 'Standby For BGP Multi-homing'))		
Clearing condition: (('Operational State' EQUAL 'Up') OR ('State Cause' EQUAL 'Standby For MC-Ring') OR ('State Cause' EQUAL 'Standby For MC-Lag') OR ('State Cause' EQUAL 'Standby For BGP Multi-homing'))		

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Alarm	Attributes	Applicable major releases
Remedial action: The condition exists because the physical interface is down either because it is administratively disabled, faulty or a cabling fault has occurred. Ensure that the interface is administratively up. Check for a poor cable connection to the port or for a faulty cable/fiber. If neither appears to be the problem run diagnostics on the port to determine if it is faulty.		

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Table 13-5 ActiveAbnormalCondition

Alarm	Attributes	Applicable major releases
Name: ActiveAbnormalCondition (3938) Type: activeAbnormalConditionAlarm (116) Package: netw Raised on class: netw.NetworkElement	Severity: major Implicitly cleared: true Default probable cause: ActiveAbnormalConditionState (1520)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is an indication for abnormal condition on NE.		
Raising condition: ('abnormalCondition' EQUAL 'true')		
Clearing condition: ('abnormalCondition' EQUAL 'false')		
Remedial action: This alarm is raised when there is a abnormal state indication on NE.		

Table 13-6 AggregatedVFLPortDown

Alarm	Attributes	Applicable major releases
Name: AggregatedVFLPortDown (5436) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.Shelf	Severity: critical Implicitly cleared: true Default probable cause: connectivityIssue (2137)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is generated when the aggregated virtual fabric link on the virtual chassis slot is down.		
Raising condition: (('Shelf Type' EQUAL '7850') AND ('Total Slots' EQUAL '4') AND ('Virtual Fabric Link State' NOT EQUAL 'Up'))		
Clearing condition: (('Shelf Type' EQUAL '7850') AND ('Total Slots' EQUAL '4') AND ('Virtual Fabric Link State' EQUAL 'Up'))		
Remedial action: The alarm is raised when the aggregated virtual fabric link on the virtual chassis is down. Please check the virtual fabric links for the virtual chassis setup.		

Table 13-7 AGWDiameterPeerDown

Alarm	Attributes	Applicable major releases
Name: AGWDiameterPeerDown (844) Type: EpcAlarm (59) Package: lte Raised on class: lte.AGWDiameterPeer	Severity: variable Implicitly cleared: true Default probable cause: EPSPeerDown (602)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0

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Alarm	Attributes	Applicable major releases
Description: The alarm is raised when the path management state of a Diameter peer changes to a state other than Up.		
Raising condition: ('Path Diameter Management State' NOT EQUAL 'Active')		
Clearing condition: ('Path Diameter Management State' EQUAL 'Active')		
Remedial action: A Ga reference point (peer) is operationally down for one of the following reasons: the underlying IP or physical interface is down, the far end peer is down or the underlying transport between this NE and the peer NE is down. To resolve the issue ensure that the IP/physical interface is up, check that the far end peer is operational and check that the underlying transport network is up.		

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Table 13-8 AncillaryPathLimitReached

Alarm	Attributes	Applicable major releases
Name: AncillaryPathLimitReached (459) Type: resourceAlarm (28) Package: equipment Raised on class: equipment.DaughterCard	Severity: warning Implicitly cleared: true Default probable cause: resourceLimitReached (131)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when the Ingress Multicast Path Management ancillary path bandwidth limit is reached.		
Raising condition: (('Ancillary Path Limit Override' > '0') AND ('Ancillary Path In use' >= (1000 * 'Ancillary Path Limit Override'))"		
Clearing condition: (('Ancillary Path Limit Override' > '0') AND ('Ancillary Path In use' < (1000 * 'Ancillary Path Limit Override'))"		
Remedial action: Informational - The alarm is raised when the Ingress Multicast Path Management ancillary path bandwidth limit is reached. This can be remedied by modifying the ancillary path limit located at T1 Paths tab of the multicast bandwidth policy which assigned to the card, or increase the ancillary path limit override located at the Daughter Card tab under Daughter Card Slot form.		

Table 13-9 AreaTypeMismatch

Alarm	Attributes	Applicable major releases
Name: AreaTypeMismatch (38) Type: configurationAlarm (11) Package: ospf Raised on class: ospf.Area	Severity: warning Implicitly cleared: true Default probable cause: areaTypeMisconfigured (34)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when an OSPF area on one NE is configured as an NSSA and the same OSPF area on another NE is configured as a stub area.		
Raising condition: ('Type Mismatch' EQUAL 'true')		
Clearing condition: ('Type Mismatch' EQUAL 'false')		
Remedial action: A configuration error has been made which must be corrected. The OSPF area type configured for the NE does not match with the same OSPF area configured on another NE. Compare the configuration on the endpoint and correct the mismatch.		

Table 13-10 AsymmetricalConfig (lag)

Alarm	Attributes	Applicable major releases
Name: AsymmetricalConfig (295) Type: configurationAlarm (11) Package: lag Raised on classes: <ul style="list-style-type: none"> lag.MultiChassisLag lag.MultiChassisLagMember 	Severity: major Implicitly cleared: true Default probable cause: asymmetricalConfig (226)	<ul style="list-style-type: none"> 10.0 11.0 12.0 9.0
Description: The alarm is raised when the members of an MC LAG do not have matching configurations.		
Raising condition: ('configMismatches' NOT EQUAL '0L')		
Clearing condition: ('configMismatches' EQUAL '0L')		
Remedial action: Check configurations on both members to see anything not matched.		

Table 13-11 AsymmetricalConfig (multichassis)

Alarm	Attributes	Applicable major releases
Name: AsymmetricalConfig (295) Type: configurationAlarm (11) Package: multichassis Raised on classes: <ul style="list-style-type: none"> multichassis.AbstractMultiChassisLag multichassis.MultiChassisLagMember multichassis.AbstractMultiChassisPeer 	Severity: major Implicitly cleared: true Default probable cause: asymmetricalConfig (226)	<ul style="list-style-type: none"> 10.0 11.0 12.0 9.0
Description: The alarm is raised when there is a peer configuration mismatch that prevents MC operation.		
Raising condition: ('Config Mismatches' NOT EQUAL '0L')		
Clearing condition: ('Config Mismatches' EQUAL '0L')		
Remedial action: Check configurations on both members to see anything not matched.		

Table 13-12 AuthKeyConflict (rsvp)

Alarm	Attributes	Applicable major releases
Name: AuthKeyConflict (5188) Type: processingErrorAlarm (81) Package: rsvp Raised on class: rsvp.AuthenticationKey	Severity: warning Implicitly cleared: true Default probable cause: AuthKeyConflict (2103)	<ul style="list-style-type: none"> 10.0 11.0 12.0 9.0
Description: The alarm is raised when both Authentication Key and RSVP Keychain are configured. RSVP Keychain will be used.		
Raising condition: (('RSVP Keychain' NOT EQUAL '') AND ('enableAuthentication' EQUAL 'true'))		
Clearing condition: (('RSVP Keychain' EQUAL '') OR ('enableAuthentication' NOT EQUAL 'true'))		

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Alarm	Attributes	Applicable major releases
Remedial action: Authentication Key and RSVP Keychain are both configured. RSVP Keychain will be used. The alarm is cleared when only one is configured.		

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Table 13-13 AuxiliaryServerStatus

Alarm	Attributes	Applicable major releases
Name: AuxiliaryServerStatus (311) Type: communicationsAlarm (4) Package: server Raised on class: server.AuxiliaryServer	Severity: critical Implicitly cleared: true Default probable cause: systemFailed (144)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when a 5620 SAM main server cannot communicate with an auxiliary server. The alarm clears when communication is restored.		
Raising condition: ('Server Status' EQUAL 'Down')		
Clearing condition: ('Server Status' EQUAL 'Up')		
Remedial action: Informational - if the alarm persists or is occurring frequently then investigation is required to understand why the connectivity between the AUX and SAM servers is unreliable.		

Table 13-14 BerLineSignalDegradation

Alarm	Attributes	Applicable major releases
Name: BerLineSignalDegradation (88) Type: communicationsAlarm (4) Package: sonetequipment Raised on class: sonetequipment.SonetPortMonitorSpecifics	Severity: major Implicitly cleared: true Default probable cause: berLineSignalDegradation (74)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when a SONET port reports a line signal degradation BER error. The alarm corresponds to the lb2er-sd alarm on an NE.		
Raising condition: (('Outstanding Alarms'anyBit'BER Line Signal Degradation') AND ('Report Alarms'anyBit'BER Line Signal Degradation'))		
Clearing condition: NOT (('Outstanding Alarms'anyBit'BER Line Signal Degradation') AND ('Report Alarms'anyBit'BER Line Signal Degradation'))		
Remedial action: Informational only.		

Table 13-15 BerLineSignalFailure

Alarm	Attributes	Applicable major releases
Name: BerLineSignalFailure (89) Type: communicationsAlarm (4) Package: sonetequipment Raised on class: sonetequipment.SonetPortMonitorSpecifics	Severity: major Implicitly cleared: true Default probable cause: berLineSignalFailure (75)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when a SONET port reports a line signal degradation BER error. The alarm corresponds to the lb2er-sf alarm on an NE.		
Raising condition: (('Outstanding Alarms'anyBit'BER Line Signal Failure') AND ('Report Alarms'anyBit'BER Line Signal Failure'))		
Clearing condition: NOT (('Outstanding Alarms'anyBit'BER Line Signal Failure') AND ('Report Alarms'anyBit'BER Line Signal Failure'))		
Remedial action: Informational only.		

Table 13-16 BfdInterfaceConnectionBroken

Alarm	Attributes	Applicable major releases
Name: BfdInterfaceConnectionBroken (3329) Type: serviceAlarm (16) Package: vrrp Raised on class: vrrp.BfdInterface	Severity: minor Implicitly cleared: true Default probable cause: bfdSessionConnectionBroken (593)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when the BFD connection to a peer times out.		
Raising condition: ('Operational State' EQUAL 'Timed Out')		
Clearing condition: ('Operational State' NOT EQUAL 'Timed Out')		
Remedial action: Check the peer router, fix the BFD connection		

Table 13-17 BfdInterfaceConnectionDown

Alarm	Attributes	Applicable major releases
Name: BfdInterfaceConnectionDown (3330) Type: serviceAlarm (16) Package: vrrp Raised on class: vrrp.BfdInterface	Severity: minor Implicitly cleared: true Default probable cause: bfdSessionDown (346)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when the Operational State of a BFD session is Not Connected.		
Raising condition: ('Operational State' NOT EQUAL 'Operational')		
Clearing condition: ('Operational State' EQUAL 'Operational')		
Remedial action: Check the BFD interface configuration, fix the BFD connection		

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Table 13-18 BfdInterfaceConnectionPeerDetectsDown

Alarm	Attributes	Applicable major releases
Name: BfdInterfaceConnectionPeerDetectsDown (3331) Type: serviceAlarm (16) Package: vrrp Raised on class: vrrp.BfdInterface	Severity: minor Implicitly cleared: true Default probable cause: bfdSessionConnectionPeerDetectsDown (594)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when a BFD peer detects a connection timeout.		
Raising condition: ('Operational State' EQUAL 'Down')		
Clearing condition: ('Operational State' NOT EQUAL 'Down')		
Remedial action: Fix the BFD connection		

Table 13-19 BgpDown

Alarm	Attributes	Applicable major releases
Name: BgpDown (6) Type: ProtocolAlarm (1) Package: bgp Raised on class: bgp.Site	Severity: critical Implicitly cleared: true Default probable cause: protocolDown (1)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when a BGP instance has an Operational State other than Up, and the Administrative State is Up.		
Raising condition: (('Administrative State' EQUAL 'Up') AND ('Operational State' NOT EQUAL 'Up'))		
Clearing condition: (('Operational State' EQUAL 'Up') OR ('Administrative State' NOT EQUAL 'Up'))		
Remedial action: The BGP protocol entity is down - administratively disable BGP and re-enable. If the problem persists please contact Alcatel-Lucent support for assistance.		

Table 13-20 BITS2NotQualified

Alarm	Attributes	Applicable major releases
Name: BITS2NotQualified (1941) Type: communicationsAlarm (4) Package: sonet Raised on class: sonet.SiteSync	Severity: minor Implicitly cleared: true Default probable cause: timingReferenceNotQualified (418)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when the BITS-2 timing reference on an NE is not in the Qualified state.		
Raising condition: (('Qualified For Use' EQUAL 'Not Qualified') AND ('Input Administrative State' NOT EQUAL 'Down'))		
Clearing condition: (('Qualified For Use' NOT EQUAL 'Not Qualified') OR ('Input Administrative State' EQUAL 'Down'))		
Remedial action: Make sure that BITS2 is qualified		

Table 13-21 BITSNotQualified

Alarm	Attributes	Applicable major releases
Name: BITSNotQualified (547) Type: communicationsAlarm (4) Package: sonet Raised on class: sonet.SiteSync	Severity: minor Implicitly cleared: true Default probable cause: timingReferenceNotQualified (418)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when the BITS timing reference on an NE is not in the Qualified state.		
Raising condition: (('Qualified For Use' EQUAL 'Not Qualified') AND ('Output Administrative State' NOT EQUAL 'Down'))		
Clearing condition: (('Qualified For Use' NOT EQUAL 'Not Qualified') OR ('Output Administrative State' EQUAL 'Down'))		
Remedial action: Make sure that BITS is qualified		

Table 13-22 BITSReferenceLossOfSignal

Alarm	Attributes	Applicable major releases
Name: BITSReferenceLossOfSignal (1950) Type: communicationsAlarm (4) Package: sonet Raised on class: sonet.SiteSync	Severity: minor Implicitly cleared: true Default probable cause: BITSReferenceLossOfSignal (938)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when the BITS reference on an NE is not qualified due to Loss of Signal.		
Raising condition: (('Not Qualified Due To'anyBit'LOS'))		
Clearing condition: NOT (('Not Qualified Due To'anyBit'LOS'))		
Remedial action: Make sure that peer connected to BITS is properly configured.		

Table 13-23 BITSReferenceOutOfFrequency

Alarm	Attributes	Applicable major releases
Name: BITSReferenceOutOfFrequency (1951) Type: communicationsAlarm (4) Package: sonet Raised on class: sonet.SiteSync	Severity: minor Implicitly cleared: true Default probable cause: BITSReferenceOutOfFrequency (939)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when the BITS Reference on an NE is not qualified due to Out of frequency.		
Raising condition: (('Not Qualified Due To'anyBit'OOF'))		
Clearing condition: NOT (('Not Qualified Due To'anyBit'OOF'))		
Remedial action: Make sure that frequency configured for BITS is correct.		

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Table 13-24 BITSReferenceOutOfPollInRange

Alarm	Attributes	Applicable major releases
Name: BITSReferenceOutOfPollInRange (1952) Type: communicationsAlarm (4) Package: sonet Raised on class: sonet.SiteSync	Severity: minor Implicitly cleared: true Default probable cause: BITSReferenceOutOfPollInRange (940)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when the BITS Reference on an NE is not qualified state due to Out of poll in range.		
Raising condition: (('Not Qualified Due To'anyBit'OOPIR'))		
Clearing condition: NOT (('Not Qualified Due To'anyBit'OOPIR'))		
Remedial action: Check the BITS is configured correctly. Check the SONET port is configured correctly and that the physical layer cabling is operating correctly. Call customer support if necessary		

Table 13-25 BootableConfigBackupFailed

Alarm	Attributes	Applicable major releases
Name: BootableConfigBackupFailed (103) Type: configurationAlarm (11) Package: sw Raised on class: sw.BackupRestoreManager	Severity: major Implicitly cleared: true Default probable cause: fileTransferFailure (89)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when the 5620 SAM fails to back up a set of NE configuration files.		
Raising condition: ('Backup State' EQUAL 'Failure')		
Clearing condition: ('Backup State' EQUAL 'Success')		
Remedial action: Investigation is required to resolve the following possible scenarios: insufficient disk space is available to accommodate the NE configuration files (additional SAM platform alarms will accompany this alarm); the NE is unreachable (including underlying transport network issue); loss of connectivity to the NE during transfer; the FTP daemon on the NE may have stopped; FTP security credential issues.		

Table 13-26 BootableConfigRestoreFailed

Alarm	Attributes	Applicable major releases
Name: BootableConfigRestoreFailed (104) Type: configurationAlarm (11) Package: sw Raised on class: sw.BackupRestoreManager	Severity: major Implicitly cleared: true Default probable cause: fileTransferFailure (89)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when the 5620 SAM fails to restore a set of NE configuration files.		
Raising condition: ('Restore State' EQUAL 'Failure')		
Clearing condition: ('Restore State' EQUAL 'Success')		

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Alarm	Attributes	Applicable major releases
Remedial action: Investigation is required to resolve the following possible scenarios: the NE is unreachable (including underlying transport network issue); loss of connectivity to the NE during transfer; the FTP daemon on the NE may have stopped; FTP security credential issues.		

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Table 13-27 BootParametersMisconfigured

Alarm	Attributes	Applicable major releases
Name: BootParametersMisconfigured (35) Type: configurationAlarm (11) Package: netw Raised on class: netw.NetworkElement	Severity: critical Implicitly cleared: true Default probable cause: persistentIndexFailure (30) Applicable probable causes: <ul style="list-style-type: none"> • persistentIndexFailure • configFileBootFailure 	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when the SNMP Index Boot Status on an NE is not set to Persistent.		
Raising condition: (('isGenericNode' EQUAL 'false') AND ('State' NOT EQUAL 'Pre-provisioned') AND (('Config File Status' NOT EQUAL 'Executed Successfully') AND ('Config File Status' NOT EQUAL 'configFileStatus_unspecified')) OR (('Persistent Index Status' NOT EQUAL 'Rebuild Succeeded') AND ('Persistent Index Status' NOT EQUAL 'persistentIndexStatus_unspecified'))))		
Clearing condition: (('Config File Status' EQUAL 'Executed Successfully') AND ('Persistent Index Status' EQUAL 'Rebuild Succeeded'))		
Remedial action: Ensure that "SNMP Index Boot Status" is persistent (using cli command "show system information" on the NE). If not, unmanage the network element from SAM, ensure that "persist on" is set in the bof file, save the bof, save a config file, verify that an index file (.ndx) is saved as well, reboot the router, verify that SNMP Index Boot Status is persistent and finally remanage the router from SAM.		

Table 13-28 BundleDown

Alarm	Attributes	Applicable major releases
Name: BundleDown (152) Type: equipmentAlarm (3) Package: bundle Raised on class: bundle.Interface	Severity: critical Implicitly cleared: true Default probable cause: bundleDown (128)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when the bundle Administrative State is Up and the Operational State is Down.		
Raising condition: (('Protection Type' EQUAL 'None') AND ('Administrative State' EQUAL 'Up') AND ('operationalState' NOT EQUAL 'Up') AND ('specificCardType' NOT EQUAL '16 x E1 (ASAP)'))		
Clearing condition: (('Protection Type' NOT EQUAL 'None') OR ('operationalState' EQUAL 'Up') OR ('Administrative State' NOT EQUAL 'Up'))		
Remedial action: Informational - no corrective action required.		

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Table 13-29 CcagDown

Alarm	Attributes	Applicable major releases
Name: CcagDown (210) Type: equipmentAlarm (3) Package: ccag Raised on class: ccag.CrossConnectAggregationGroup	Severity: major Implicitly cleared: true Default probable cause: CcagDown (163)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when the CCAG Administrative State is Up and the Operational State is Down.		
Raising condition: (('Administrative State' EQUAL 'Up') AND ('Operational State' NOT EQUAL 'Up'))		
Clearing condition: (('Operational State' EQUAL 'Up') OR ('Administrative State' NOT EQUAL 'Up'))		
Remedial action: Informational - no corrective action required.		

Table 13-30 CesBfrOverrun

Alarm	Attributes	Applicable major releases
Name: CesBfrOverrun (448) Type: communicationsAlarm (4) Package: vll Raised on class: vll.VIICesInterfaceSpecifics	Severity: major Implicitly cleared: true Default probable cause: bufferOverrun (322)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when the 5620 SAM detects a jitter buffer overrun.		
Raising condition: (('Report Alarm Status'anyBit'Buffer Overrun') AND ('Report Alarm'anyBit'Buffer Overrun'))		
Clearing condition: NOT (('Report Alarm Status'anyBit'Buffer Overrun') AND ('Report Alarm'anyBit'Buffer Overrun'))		
Remedial action: Informational - if the alarm persists or is occurring frequently then investigation is required to understand why the underlying transport network is unreliable.		

Table 13-31 CesBfrUnderrun

Alarm	Attributes	Applicable major releases
Name: CesBfrUnderrun (449) Type: communicationsAlarm (4) Package: vll Raised on class: vll.VIICesInterfaceSpecifics	Severity: major Implicitly cleared: true Default probable cause: bufferOverrun (322)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when the 5620 SAM detects a jitter buffer underrun.		
Raising condition: (('Report Alarm Status'anyBit'Buffer Underrun') AND ('Report Alarm'anyBit'Buffer Underrun'))		
Clearing condition: NOT (('Report Alarm Status'anyBit'Buffer Underrun') AND ('Report Alarm'anyBit'Buffer Underrun'))		
Remedial action: Informational - if the alarm persists or is occurring frequently then investigation is required to understand why the underlying transport network is unreliable.		

Table 13-32 CesMalformedPkts

Alarm	Attributes	Applicable major releases
Name: CesMalformedPkts (446) Type: communicationsAlarm (4) Package: vll Raised on class: vll.VIICesInterfaceSpecifics	Severity: major Implicitly cleared: true Default probable cause: malformedPackets (320)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when the 5620 SAM detects one or more malformed packets.		
Raising condition: (('Report Alarm Status'anyBit'Malformed Packets') AND ('Report Alarm'anyBit'Malformed Packets'))		
Clearing condition: NOT (((('Report Alarm Status'anyBit'Malformed Packets') AND ('Report Alarm'anyBit'Malformed Packets'))))		
Remedial action: Informational - if the alarm persists or is occurring frequently then investigation is required to understand why the underlying transport network is unreliable.		

Table 13-33 CesPktLoss

Alarm	Attributes	Applicable major releases
Name: CesPktLoss (447) Type: communicationsAlarm (4) Package: vll Raised on class: vll.VIICesInterfaceSpecifics	Severity: major Implicitly cleared: true Default probable cause: lossOfPacket (321)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when the 5620 SAM detects a packet loss.		
Raising condition: (('Report Alarm Status'anyBit'Packet Loss') AND ('Report Alarm'anyBit'Packet Loss'))		
Clearing condition: NOT (((('Report Alarm Status'anyBit'Packet Loss') AND ('Report Alarm'anyBit'Packet Loss'))))		
Remedial action: Informational - if the alarm persists or is occurring frequently then investigation is required to understand why the underlying transport network is unreliable.		

Table 13-34 CesRmtPktLoss

Alarm	Attributes	Applicable major releases
Name: CesRmtPktLoss (450) Type: communicationsAlarm (4) Package: vll Raised on class: vll.VIICesInterfaceSpecifics	Severity: minor Implicitly cleared: true Default probable cause: farEndLossOfPacket (323)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when the 5620 SAM detects a remote packet loss.		
Raising condition: (('Report Alarm Status'anyBit'Remote Packet Loss') AND ('Report Alarm'anyBit'Remote Packet Loss'))		
Clearing condition: NOT (((('Report Alarm Status'anyBit'Remote Packet Loss') AND ('Report Alarm'anyBit'Remote Packet Loss'))))		
Remedial action: Informational - if the alarm persists or is occurring frequently then investigation is required to understand why the underlying transport network is unreliable.		

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Table 13-35 CesRmtRdi

Alarm	Attributes	Applicable major releases
Name: CesRmtRdi (452) Type: configurationAlarm (11) Package: vll Raised on class: vll.VIICesInterfaceSpecifics	Severity: minor Implicitly cleared: false Default probable cause: farEndRdi (325)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when the 5620 SAM detects a remote RDI.		
Raising condition: (('Report Alarm Status'anyBit'Remote RDI') AND ('Report Alarm'anyBit'Remote RDI'))		
Clearing condition: NOT (('Report Alarm Status'anyBit'Remote RDI') AND ('Report Alarm'anyBit'Remote RDI'))		
Remedial action: Informational - if the alarm persists or is occurring frequently then investigation is required to understand why the underlying transport network is unreliable.		

Table 13-36 CesRmtTdmFault

Alarm	Attributes	Applicable major releases
Name: CesRmtTdmFault (451) Type: configurationAlarm (11) Package: vll Raised on class: vll.VIICesInterfaceSpecifics	Severity: minor Implicitly cleared: false Default probable cause: tdmFarEndFault (324)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when the 5620 SAM detects a remote TDM fault.		
Raising condition: (('Report Alarm Status'anyBit'Remote TDM Fault') AND ('Report Alarm'anyBit'Remote TDM Fault'))		
Clearing condition: NOT (('Report Alarm Status'anyBit'Remote TDM Fault') AND ('Report Alarm'anyBit'Remote TDM Fault'))		
Remedial action: Informational - if the alarm persists or is occurring frequently then investigation is required to understand why the underlying transport network is unreliable.		

Table 13-37 CesStrayPkts

Alarm	Attributes	Applicable major releases
Name: CesStrayPkts (445) Type: communicationsAlarm (4) Package: vll Raised on class: vll.VIICesInterfaceSpecifics	Severity: minor Implicitly cleared: true Default probable cause: strayPackets (319)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when the 5620 SAM detects received stray packets.		
Raising condition: (('Report Alarm Status'anyBit'Stray Packets') AND ('Report Alarm'anyBit'Stray Packets'))		
Clearing condition: NOT (('Report Alarm Status'anyBit'Stray Packets') AND ('Report Alarm'anyBit'Stray Packets'))		
Remedial action: Informational - if the alarm persists or is occurring frequently then investigation is required to understand why the underlying transport network is unreliable.		

Table 13-38 CircuitStpExceptionCondition

Alarm	Attributes	Applicable major releases
Name: CircuitStpExceptionCondition (648) Type: SdpBindingAlarm (30) Package: l2fwd Raised on class: l2fwd.CircuitStp	Severity: major Implicitly cleared: true Default probable cause: StpException (228)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when an NE detects an STP exception condition on a SAP, for example, one-way communication or a downstream loop. The alarm clears when the STP status changes.		
Raising condition: (('STP Exception Condition' NOT EQUAL 'None') AND ('Administrative State' EQUAL 'Up'))		
Clearing condition: (('STP Exception Condition' EQUAL 'None') OR ('Administrative State' EQUAL 'Down'))		
Remedial action: Check 'STP Exception Condition' field for more details and fix the STP exception.		

Table 13-39 ClientDelegateServerStatus

Alarm	Attributes	Applicable major releases
Name: ClientDelegateServerStatus (731) Type: communicationsAlarm (4) Package: server Raised on class: server.ClientDelegateServer	Severity: critical Implicitly cleared: true Default probable cause: systemFailed (144)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when a client delegate server is unreachable.		
Raising condition: ('Server Status' EQUAL 'Down')		
Clearing condition: ('Server Status' EQUAL 'Up')		
Remedial action: Informational - if the alarm persists or is occurring frequently then investigation is required to understand why the connectivity between the client delegate platform and SAM servers is unreliable or the client delegate server itself is unreliable.		

Table 13-40 CoherentOpticalModuleFault

Alarm	Attributes	Applicable major releases
Name: CoherentOpticalModuleFault (4612) Type: communicationsAlarm (4) Package: ethernetequipment Raised on class: ethernetequipment.CoherentOpticalCfg	Severity: major Implicitly cleared: true Default probable cause: ModuleFault (1881)	<ul style="list-style-type: none"> • 11.0 • 12.0
Description: The alarm is raised when a device reports module fault on a coherent optical interface.		
Raising condition: (('Configured Alarms'anyBit'Module Fault') AND ('Reported Alarms'anyBit'Module Fault'))		
Clearing condition: NOT (('Configured Alarms'anyBit'Module Fault') AND ('Reported Alarms'anyBit'Module Fault'))		
Remedial action: Module Fault occurred.		

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Table 13-41 CoherentOpticalModuleHostTxFault

Alarm	Attributes	Applicable major releases
Name: CoherentOpticalModuleHostTxFault (4613) Type: communicationsAlarm (4) Package: ethernetequipment Raised on class: ethernetequipment.CoherentOpticalCfg	Severity: major Implicitly cleared: true Default probable cause: CoherentModuleHostTxFault (1882)	<ul style="list-style-type: none"> • 11.0 • 12.0
Description: The alarm is raised when a device reports Host Tx Fault on a coherent optical interface.		
Raising condition: (('Configured Alarms'anyBit'Host (Electrical Side) Transmit') AND ('Reported Alarms'anyBit'Host (Electrical Side) Transmit'))		
Clearing condition: NOT (('Configured Alarms'anyBit'Host (Electrical Side) Transmit') AND ('Reported Alarms'anyBit'Host (Electrical Side) Transmit'))		
Remedial action: Module Host Tx Fault occurred.		

Table 13-42 CoherentOpticalModuleReferenceLockLoss

Alarm	Attributes	Applicable major releases
Name: CoherentOpticalModuleReferenceLockLoss (4614) Type: communicationsAlarm (4) Package: ethernetequipment Raised on class: ethernetequipment.CoherentOpticalCfg	Severity: major Implicitly cleared: true Default probable cause: ReferenceLockLoss (1883)	<ul style="list-style-type: none"> • 11.0 • 12.0
Description: The alarm is raised when a device reports loss of reference lock signal on a coherent optical interface.		
Raising condition: (('Configured Alarms'anyBit'Module') AND ('Reported Alarms'anyBit'Module'))		
Clearing condition: NOT (('Configured Alarms'anyBit'Module') AND ('Reported Alarms'anyBit'Module'))		
Remedial action: Loss of reference lock.		

Table 13-43 CoherentOpticalModuleRxFault

Alarm	Attributes	Applicable major releases
Name: CoherentOpticalModuleRxFault (4615) Type: communicationsAlarm (4) Package: ethernetequipment Raised on class: ethernetequipment.CoherentOpticalCfg	Severity: critical Implicitly cleared: true Default probable cause: CoherentModuleRxFault (1884)	<ul style="list-style-type: none"> • 11.0 • 12.0
Description: The alarm is raised when a device reports Rx Fault on a coherent optical interface.		
Raising condition: (('Configured Alarms'anyBit'Network (Optical Side) Receive') AND ('Reported Alarms'anyBit'Network (Optical Side) Receive'))		

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Alarm	Attributes	Applicable major releases
Clearing condition: NOT (('Configured Alarms'anyBit'Network (Optical Side) Receive') AND ('Reported Alarms'anyBit'Network (Optical Side) Receive'))		
Remedial action: Module Rx Fault occurred.		

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Table 13-44 CoherentOpticalModuleTxFault

Alarm	Attributes	Applicable major releases
Name: CoherentOpticalModuleTxFault (4616) Type: communicationsAlarm (4) Package: ethernetequipment Raised on class: ethernetequipment.CoherentOpticalCfg	Severity: major Implicitly cleared: true Default probable cause: CoherentModuleTxFault (1885)	<ul style="list-style-type: none"> • 11.0 • 12.0
Description: The alarm is raised when a device reports Tx Fault on a coherent optical interface.		
Raising condition: (('Configured Alarms'anyBit'Network (Optical Side) Transmit') AND ('Reported Alarms'anyBit'Network (Optical Side) Transmit'))		
Clearing condition: NOT (('Configured Alarms'anyBit'Network (Optical Side) Transmit') AND ('Reported Alarms'anyBit'Network (Optical Side) Transmit'))		
Remedial action: Module Tx Fault occurred.		

Table 13-45 ConfigurationRescueFileDeleteStatus

Alarm	Attributes	Applicable major releases
Name: ConfigurationRescueFileDeleteStatus (3894) Type: configurationRescueAlarm (109) Package: rollback Raised on class: rollback.RollbackNEInfo	Severity: info Implicitly cleared: false Default probable cause: configurationRescueFileDeleteOperationPerformed (1485)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when a configuration rollback rescue file delete operation is performed.		
Remedial action: Informational - If rollback rescue file deletion status indicates failed, then, the requested rescue file might not be available or check the FTP permission for the rescue location.		

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Table 13-46 ConfigurationRescueFileSaveStatus

Alarm	Attributes	Applicable major releases
Name: ConfigurationRescueFileSaveStatus (3895) Type: configurationRescueAlarm (109) Package: rollback Raised on class: rollback.RollbackNEInfo	Severity: info Implicitly cleared: false Default probable cause: configurationRescueFileSaveOperationPerformed (1486)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when a configuration rollback rescue save operation is performed.		
Remedial action: Informational - If rollback rescue file creation status indicates failed, then, check the FTP permission for the rescue location.		

Table 13-47 ConfigurationRescueStatus

Alarm	Attributes	Applicable major releases
Name: ConfigurationRescueStatus (3896) Type: configurationRescueAlarm (109) Package: rollback Raised on class: rollback.RollbackNEInfo	Severity: info Implicitly cleared: false Default probable cause: configurationRescueOperationPerformed (1487)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when a configuration rollback rescue operation is performed.		
Remedial action: Informational - If rollback rescue status indicates failed, then, the rescue file might not be available or check the FTP permission for the rescue location.		

Table 13-48 ConfigurationRollBackFileDeleteStatus

Alarm	Attributes	Applicable major releases
Name: ConfigurationRollBackFileDeleteStatus (3897) Type: configurationRollBackAlarm (103) Package: rollback Raised on class: rollback.RollbackNEInfo	Severity: info Implicitly cleared: false Default probable cause: configurationRollBackFileDeleteOperationPerformed (1488)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when a configuration rollback file delete operation is performed.		
Remedial action: Informational - If rollback file deletion status indicates failed, then, the requested rollback file might not be available or check the FTP permission for the rollback location..		

Table 13-49 ConfigurationRollBackFileSyncStatus

Alarm	Attributes	Applicable major releases
Name: ConfigurationRollBackFileSyncStatus (3898) Type: configurationRollBackFileSyncAlarm (110) Package: rollback Raised on class: rollback.RollbackNEInfo	Severity: info Implicitly cleared: false Default probable cause: configurationRollBackFileSyncOperationPerformed (1489)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when a configuration rollback CPM sync operation is performed.		
Remedial action: Informational - If rollback files CPM Sync status indicates failed, then, check whether standby CPM is up.		

Table 13-50 ConfigurationRollBackSaveStatus

Alarm	Attributes	Applicable major releases
Name: ConfigurationRollBackSaveStatus (3899) Type: configurationRollBackAlarm (103) Package: rollback Raised on class: rollback.RollbackNEInfo	Severity: info Implicitly cleared: false Default probable cause: configurationRollBackSaveOperationPerformed (1490)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when a configuration rollback save operation is performed.		
Remedial action: Informational - If rollback file creation status indicates failed, then, check the FTP permission for the rollback location.		

Table 13-51 ConfigurationRollBackStatus (netw)

Alarm	Attributes	Applicable major releases
Name: ConfigurationRollBackStatus (3684) Type: configurationRollBackAlarm (103) Package: netw Raised on class: netw.NetworkElement	Severity: info Implicitly cleared: false Default probable cause: configurationRollBackOperationPerformed (1422)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when a configuration rollback operation is performed.		
Remedial action: Informational - If rollback status indicates failed, then, the requested checkpoint might not be available or NE configuration might need to be restored.		

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Table 13-52 ConfigurationRollBackStatus (rollback)

Alarm	Attributes	Applicable major releases
Name: ConfigurationRollBackStatus (3684) Type: configurationRollBackAlarm (103) Package: rollback Raised on class: rollback.RollbackNEInfo	Severity: info Implicitly cleared: false Default probable cause: configurationRollBackOperationPerformed (1422)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when a configuration rollback operation is performed.		
Remedial action: Informational - If rollback status indicates failed, then, the requested checkpoint might not be available or NE configuration might need to be restored.		

Table 13-53 ContainingEquipmentAdministrativelyDown

Alarm	Attributes	Applicable major releases
Name: ContainingEquipmentAdministrativelyDown (466) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.Port	Severity: minor Implicitly cleared: true Default probable cause: containingEquipmentAdministrativelyDown (330)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when the compositeEquipmentState attribute has a value of containingEquipmentAdministrativelyDown.		
Raising condition: (('Status' EQUAL 'Parent Admin Down') AND ('isTerminatable' EQUAL 'true'))		
Clearing condition: (('Status' NOT EQUAL 'Parent Admin Down') OR ('isTerminatable' NOT EQUAL 'true'))		
Remedial action: Informational - no corrective action required.		

Table 13-54 ContainingEquipmentMismatch

Alarm	Attributes	Applicable major releases
Name: ContainingEquipmentMismatch (464) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.Port	Severity: major Implicitly cleared: true Default probable cause: containingEquipmentMismatch (328)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when the compositeEquipmentState attribute has a value of containingEquipmentMismatch.		
Raising condition: (('Status' EQUAL 'Parent Type Mismatch') AND ('isTerminatable' EQUAL 'true'))		
Clearing condition: (('Status' NOT EQUAL 'Parent Type Mismatch') OR ('isTerminatable' NOT EQUAL 'true'))		
Remedial action: A configuration error has occurred which must be corrected. The card type configured for the slot identified in the alarm must match the installed card type.		

Table 13-55 ContainingEquipmentOperationallyDown

Alarm	Attributes	Applicable major releases
Name: ContainingEquipmentOperationallyDown (465) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.Port	Severity: major Implicitly cleared: true Default probable cause: containingEquipmentDown (329)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when the compositeEquipmentState attribute has a value of containingEquipmentOperationallyDown.		
Raising condition: (('Status' EQUAL 'Parent Oper Down') AND ('isTerminatable' EQUAL 'true'))		
Clearing condition: (('Status' NOT EQUAL 'Parent Oper Down') OR ('isTerminatable' NOT EQUAL 'true'))		
Remedial action: The operational state of the equipment element indicated in the alarm is down. This may be due to the element's administrative state or it may indicate that the element has failed.		

Table 13-56 CorruptImageFile

Alarm	Attributes	Applicable major releases
Name: CorruptImageFile (171) Type: configurationAlarm (11) Package: mediation Raised on class: mediation.AbstractSoftwareFolderDescriptor	Severity: critical Implicitly cleared: true Default probable cause: invalidOrCorruptImageFile (134)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when one or more files in the 5620 SAM software image specified for a device software upgrade is invalid, corrupt or absent. The 5620 SAM validates a device software file set before it imports the file set and distributes it to an NE. Ensure that the file set downloads properly to the NE and is not tampered with before you re-attempt the upgrade. The alarm clears when a valid file set is on the NE and the 5620 SAM activates the software image in the file set.		
Raising condition: ('isImageValid' EQUAL 'false')		
Clearing condition: ('isImageValid' EQUAL 'true')		
Remedial action: The existing SW image in the SAM database should be replaced with an image that is known to be complete and valid.		

Table 13-57 CpmProtectionExceedEntry

Alarm	Attributes	Applicable major releases
Name: CpmProtectionExceedEntry (2925) Type: communications (87) Package: sitesecc Raised on class: sitesecc.CpmProtExcdEntry	Severity: warning Implicitly cleared: false Default probable cause: denialOfService (790)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when a MAC packet stream has exceeded its per-source limit.		
Raising condition: ('Number of Rate Violations' NOT EQUAL '0L')		

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Alarm	Attributes	Applicable major releases
Remedial action: A device in the network is sending traffic to the NE at a rate which is higher than expected. The source of the traffic must be identified and if the behavior is undesired then the device should be disabled. It is also possible that the threshold has been configured at a level which is lower than acceptable in which case the configuration should be aligned with the traffic levels expected.		

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Table 13-58 CpmProtectionExceedSapIpEntry

Alarm	Attributes	Applicable major releases
Name: CpmProtectionExceedSapIpEntry (3911) Type: communications (87) Package: sitesecc Raised on class: sitesecc.CpmProtExcdSapIpEntry	Severity: warning Implicitly cleared: false Default probable cause: denialOfService (790)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when an IP packet stream has exceeded the per-source limit.		
Raising condition: ('Number of Rate Violations' NOT EQUAL '0L')		
Remedial action: A device in the network is sending traffic to the NE at a rate which is higher than expected. The source of the traffic must be identified and if the behavior is undesired then the device should be disabled. It is also possible that the threshold has been configured at a level which is lower than acceptable in which case the configuration should be aligned with the traffic levels expected.		

Table 13-59 CpmProtectionViolationIfEntry

Alarm	Attributes	Applicable major releases
Name: CpmProtectionViolationIfEntry (2926) Type: communications (87) Package: sitesecc Raised on class: sitesecc.CpmProtViolIfEntry	Severity: warning Implicitly cleared: false Default probable cause: denialOfService (790)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when the link-specific packet arrival rate limit at the interface is violated.		
Raising condition: ('Number of Rate Violations' NOT EQUAL '0L')		
Remedial action: A device in the network is sending traffic to the NE at a rate which is higher than expected. The source of the traffic must be identified and if the behavior is undesired then the device should be disabled. It is also possible that the threshold has been configured at a level which is lower than acceptable in which case the configuration should be aligned with the traffic levels expected.		

Table 13-60 CpmProtectionViolationPortEntry

Alarm	Attributes	Applicable major releases
Name: CpmProtectionViolationPortEntry (2927) Type: communications (87) Package: sitesecc Raised on class: sitesecc.CpmProtViolPortEntry	Severity: warning Implicitly cleared: false Default probable cause: denialOfService (790)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when the link-specific packet arrival rate limit at the port is violated.		
Raising condition: (('Number of Per-port Violations' NOT EQUAL '0L') OR ('Number of Link-specific Violations' NOT EQUAL '0L'))		
Remedial action: A device in the network is sending traffic to the NE at a rate which is higher than expected. The source of the traffic must be identified and if the behavior is undesired then the device should be disabled. It is also possible that the threshold has been configured at a level which is lower that acceptable in which case the configuration should be align with the traffic levels expected.		

Table 13-61 CpmProtectionViolationSAPEntry

Alarm	Attributes	Applicable major releases
Name: CpmProtectionViolationSAPEntry (2928) Type: communications (87) Package: sitesecc Raised on class: sitesecc.CpmProtViolSapEntry	Severity: warning Implicitly cleared: false Default probable cause: denialOfService (790)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when the link-specific packet arrival rate limit at the SAP is violated.		
Raising condition: ('Number of Rate Violations' NOT EQUAL '0L')		
Remedial action: A device in the network is sending traffic to the NE at a rate which is higher than expected. The source of the traffic must be identified and if the behavior is undesired then the device should be disabled. It is also possible that the threshold has been configured at a level which is lower that acceptable in which case the configuration should be align with the traffic levels expected.		

Table 13-62 CpmProtectionViolationSDPEntry

Alarm	Attributes	Applicable major releases
Name: CpmProtectionViolationSDPEntry (5415) Type: communications (87) Package: sitesecc Raised on class: sitesecc.CpmProtViolSdpEntry	Severity: warning Implicitly cleared: false Default probable cause: denialOfService (790)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when the overall packet arrival rate limit at the SDP is violated.		
Raising condition: ('Number of Rate Violations' NOT EQUAL '0L')		
Remedial action: A device in the network is sending traffic to the NE at a rate which is higher than expected. The source of the traffic must be identified and if the behavior is undesired then the device should be disabled. It is also possible that the threshold has been configured at a level which is lower that acceptable in which case the configuration should be align with the traffic levels expected.		

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Table 13-63 DDMAux1HighAlarm

Alarm	Attributes	Applicable major releases
Name: DDMAux1HighAlarm (495) Type: thresholdAlarm (49) Package: equipment Raised on class: equipment.AbstractDDM	Severity: major Implicitly cleared: true Default probable cause: aux1HighAlarm (381)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0
Description: The alarm is raised when the manufacturer-specific Auxiliary 1 of the XFP reaches the maximum threshold value.		
Raising condition: ('failedThresholds'anyBit'Aux1 High Alarm')		
Clearing condition: NOT (('failedThresholds'anyBit'Aux1 High Alarm'))		
Remedial action: Informational. Check the environmental parameters of the transceiver and ensure that it is not faulty.		

Table 13-64 DDMAux1HighWarning

Alarm	Attributes	Applicable major releases
Name: DDMAux1HighWarning (494) Type: thresholdAlarm (49) Package: equipment Raised on class: equipment.AbstractDDM	Severity: warning Implicitly cleared: true Default probable cause: aux1HighWarning (380)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0
Description: The alarm is raised when the manufacturer-specific Auxiliary 1 of the XFP approaches the maximum threshold value.		
Raising condition: ('failedThresholds'anyBit'Aux1 High Warning')		
Clearing condition: NOT (('failedThresholds'anyBit'Aux1 High Warning'))		
Remedial action: Informational. Check the environmental parameters of the transceiver and ensure that it is not faulty.		

Table 13-65 DDMAux1LowAlarm

Alarm	Attributes	Applicable major releases
Name: DDMAux1LowAlarm (493) Type: thresholdAlarm (49) Package: equipment Raised on class: equipment.AbstractDDM	Severity: major Implicitly cleared: true Default probable cause: aux1LowAlarm (379)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0
Description: The alarm is raised when the manufacturer-specific Auxiliary 1 of the XFP reaches the minimum threshold value.		
Raising condition: ('failedThresholds'anyBit'Aux1 Low Alarm')		
Clearing condition: NOT (('failedThresholds'anyBit'Aux1 Low Alarm'))		
Remedial action: Informational. Check the environmental parameters of the transceiver and ensure that it is not faulty.		

Table 13-66 DDMAux1LowWarning

Alarm	Attributes	Applicable major releases
Name: DDMAux1LowWarning (492) Type: thresholdAlarm (49) Package: equipment Raised on class: equipment.AbstractDDM	Severity: warning Implicitly cleared: true Default probable cause: aux1LowWarning (378)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0
Description: The alarm is raised when the manufacturer-specific Auxiliary 1 of the XFP approaches the minimum threshold value.		
Raising condition: ('failedThresholds'anyBit'Aux1 Low Warning')		
Clearing condition: NOT (('failedThresholds'anyBit'Aux1 Low Warning'))		
Remedial action: Informational. Check the environmental parameters of the transceiver and ensure that it is not faulty.		

Table 13-67 DDMAux2HighAlarm

Alarm	Attributes	Applicable major releases
Name: DDMAux2HighAlarm (499) Type: thresholdAlarm (49) Package: equipment Raised on class: equipment.AbstractDDM	Severity: major Implicitly cleared: true Default probable cause: aux2HighAlarm (385)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0
Description: The alarm is raised when the manufacturer-specific Auxiliary 2 of the XFP reaches the maximum threshold value.		
Raising condition: ('failedThresholds'anyBit'Aux2 High Alarm')		
Clearing condition: NOT (('failedThresholds'anyBit'Aux2 High Alarm'))		
Remedial action: Informational. Check the environmental parameters of the transceiver and ensure that it is not faulty.		

Table 13-68 DDMAux2HighWarning

Alarm	Attributes	Applicable major releases
Name: DDMAux2HighWarning (498) Type: thresholdAlarm (49) Package: equipment Raised on class: equipment.AbstractDDM	Severity: warning Implicitly cleared: true Default probable cause: aux2HighWarning (384)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0
Description: The alarm is raised when the manufacturer-specific Auxiliary 2 of the XFP approaches the maximum threshold value.		
Raising condition: ('failedThresholds'anyBit'Aux2 High Warning')		
Clearing condition: NOT (('failedThresholds'anyBit'Aux2 High Warning'))		
Remedial action: Informational. Check the environmental parameters of the transceiver and ensure that it is not faulty.		

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Table 13-69 DDMAux2LowAlarm

Alarm	Attributes	Applicable major releases
Name: DDMAux2LowAlarm (497) Type: thresholdAlarm (49) Package: equipment Raised on class: equipment.AbstractDDM	Severity: major Implicitly cleared: true Default probable cause: aux2LowAlarm (383)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0
Description: The alarm is raised when the manufacturer-specific Auxiliary 2 of the XFP reaches the minimum threshold value.		
Raising condition: ('failedThresholds'anyBit'Aux2 Low Alarm')		
Clearing condition: NOT (('failedThresholds'anyBit'Aux2 Low Alarm'))		
Remedial action: Informational. Check the environmental parameters of the transceiver and ensure that it is not faulty.		

Table 13-70 DDMAux2LowWarning

Alarm	Attributes	Applicable major releases
Name: DDMAux2LowWarning (496) Type: communicatiothresholdAlarmnsAlarm (50) Package: equipment Raised on class: equipment.AbstractDDM	Severity: warning Implicitly cleared: true Default probable cause: aux2LowWarning (382)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0
Description: The alarm is raised when the manufacturer-specific Auxiliary 2 of the XFP approaches the minimum threshold value.		
Raising condition: ('failedThresholds'anyBit'Aux2 Low Warning')		
Clearing condition: NOT (('failedThresholds'anyBit'Aux2 Low Warning'))		
Remedial action: Informational. Check the environmental parameters of the transceiver and ensure that it is not faulty.		

Table 13-71 DDMRxOpticalPowerHighAlarm

Alarm	Attributes	Applicable major releases
Name: DDMRxOpticalPowerHighAlarm (491) Type: thresholdAlarm (49) Package: equipment Raised on class: equipment.AbstractDDM	Severity: major Implicitly cleared: true Default probable cause: rxOpticalPowerHighAlarm (377)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0
Description: The alarm is raised when the received optical power of an SFP or XFP reaches the maximum threshold value.		
Raising condition: ('failedThresholds'anyBit'Rx Optical Power High Alarm')		
Clearing condition: NOT (('failedThresholds'anyBit'Rx Optical Power High Alarm'))		
Remedial action: Informational. Check the environmental parameters of the transceiver and ensure that it is not faulty.		

Table 13-72 DDMRxOpticalPowerHighWarning

Alarm	Attributes	Applicable major releases
Name: DDMRxOpticalPowerHighWarning (490) Type: thresholdAlarm (49) Package: equipment Raised on class: equipment.AbstractDDM	Severity: warning Implicitly cleared: true Default probable cause: rxOpticalPowerHighWarning (376)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0
Description: The alarm is raised when the received optical power of an SFP or XFP approaches the maximum threshold value.		
Raising condition: ('failedThresholds'anyBit'Rx Optical Power High Warning')		
Clearing condition: NOT (('failedThresholds'anyBit'Rx Optical Power High Warning'))		
Remedial action: Informational. Check the environmental parameters of the transceiver and ensure that it is not faulty.		

Table 13-73 DDMRxOpticalPowerLowAlarm

Alarm	Attributes	Applicable major releases
Name: DDMRxOpticalPowerLowAlarm (489) Type: thresholdAlarm (49) Package: equipment Raised on class: equipment.AbstractDDM	Severity: major Implicitly cleared: true Default probable cause: rxOpticalPowerLowAlarm (375)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0
Description: The alarm is raised when the received optical power of an SFP or XFP reaches the minimum threshold value.		
Raising condition: ('failedThresholds'anyBit'Rx Optical Power Low Alarm')		
Clearing condition: NOT (('failedThresholds'anyBit'Rx Optical Power Low Alarm'))		
Remedial action: Informational. Check the environmental parameters of the transceiver and ensure that it is not faulty.		

Table 13-74 DDMRxOpticalPowerLowWarning

Alarm	Attributes	Applicable major releases
Name: DDMRxOpticalPowerLowWarning (488) Type: thresholdAlarm (49) Package: equipment Raised on class: equipment.AbstractDDM	Severity: warning Implicitly cleared: true Default probable cause: rxOpticalPowerLowWarning (374)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0
Description: The alarm is raised when the received optical power of an SFP or XFP approaches the minimum threshold value.		
Raising condition: ('failedThresholds'anyBit'Rx Optical Power Low Warning')		
Clearing condition: NOT (('failedThresholds'anyBit'Rx Optical Power Low Warning'))		
Remedial action: Informational. Check the environmental parameters of the transceiver and ensure that it is not faulty.		

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Table 13-75 DDMSupplyVoltageHighAlarm

Alarm	Attributes	Applicable major releases
Name: DDMSupplyVoltageHighAlarm (479) Type: thresholdAlarm (49) Package: equipment Raised on class: equipment.AbstractDDM	Severity: major Implicitly cleared: true Default probable cause: supplyVoltageHighAlarm (365)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0
Description: The alarm is raised when the supply voltage of an SFP or XFP reaches the maximum threshold value.		
Raising condition: ('failedThresholds'anyBit'Supply Voltage High Alarm')		
Clearing condition: NOT (('failedThresholds'anyBit'Supply Voltage High Alarm'))		
Remedial action: Informational. Check the environmental parameters of the transceiver and ensure that it is not faulty.		

Table 13-76 DDMSupplyVoltageHighWarning

Alarm	Attributes	Applicable major releases
Name: DDMSupplyVoltageHighWarning (478) Type: thresholdAlarm (49) Package: equipment Raised on class: equipment.AbstractDDM	Severity: warning Implicitly cleared: true Default probable cause: supplyVoltageHighWarning (364)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0
Description: The alarm is raised when the supply voltage of an SFP or XFP approaches the maximum threshold value.		
Raising condition: ('failedThresholds'anyBit'Supply Voltage High Warning')		
Clearing condition: NOT (('failedThresholds'anyBit'Supply Voltage High Warning'))		
Remedial action: Informational. Check the environmental parameters of the transceiver and ensure that it is not faulty.		

Table 13-77 DDMSupplyVoltageLowAlarm

Alarm	Attributes	Applicable major releases
Name: DDMSupplyVoltageLowAlarm (477) Type: thresholdAlarm (49) Package: equipment Raised on class: equipment.AbstractDDM	Severity: major Implicitly cleared: true Default probable cause: supplyVoltageLowAlarm (363)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0
Description: The alarm is raised when the supply voltage of an SFP or XFP reaches the maximum threshold value.		
Raising condition: ('failedThresholds'anyBit'Supply Voltage Low Alarm')		
Clearing condition: NOT (('failedThresholds'anyBit'Supply Voltage Low Alarm'))		
Remedial action: Informational. Check the environmental parameters of the transceiver and ensure that it is not faulty.		

Table 13-78 DDMSupplyVoltageLowWarning

Alarm	Attributes	Applicable major releases
Name: DDMSupplyVoltageLowWarning (476) Type: thresholdAlarm (49) Package: equipment Raised on class: equipment.AbstractDDM	Severity: warning Implicitly cleared: true Default probable cause: supplyVoltageLowWarning (362)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0
Description: The alarm is raised when the supply voltage of an SFP or XFP approaches the maximum threshold value.		
Raising condition: ('failedThresholds'anyBit'Supply Voltage Low Warning')		
Clearing condition: NOT (('failedThresholds'anyBit'Supply Voltage Low Warning'))		
Remedial action: Informational. Check the environmental parameters of the transceiver and ensure that it is not faulty.		

Table 13-79 DDMTemperatureHighAlarm

Alarm	Attributes	Applicable major releases
Name: DDMTemperatureHighAlarm (475) Type: thresholdAlarm (49) Package: equipment Raised on class: equipment.AbstractDDM	Severity: major Implicitly cleared: true Default probable cause: temperatureHighAlarm (361)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0
Description: The alarm is raised when the temperature of an SFP or XFP reaches the maximum threshold value.		
Raising condition: ('failedThresholds'anyBit'Temperature High Alarm')		
Clearing condition: NOT (('failedThresholds'anyBit'Temperature High Alarm'))		
Remedial action: Informational. Check the environmental parameters of the transceiver and ensure that it is not faulty.		

Table 13-80 DDMTemperatureHighWarning

Alarm	Attributes	Applicable major releases
Name: DDMTemperatureHighWarning (474) Type: thresholdAlarm (49) Package: equipment Raised on class: equipment.AbstractDDM	Severity: warning Implicitly cleared: true Default probable cause: temperatureHighWarning (360)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0
Description: The alarm is raised when the temperature of an SFP or XFP approaches the maximum threshold value.		
Raising condition: ('failedThresholds'anyBit'Temperature High Warning')		
Clearing condition: NOT (('failedThresholds'anyBit'Temperature High Warning'))		
Remedial action: Informational. Check the environmental parameters of the transceiver and ensure that it is not faulty.		

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Table 13-81 DDMTemperatureLowAlarm

Alarm	Attributes	Applicable major releases
Name: DDMTemperatureLowAlarm (473) Type: thresholdAlarm (49) Package: equipment Raised on class: equipment.AbstractDDM	Severity: major Implicitly cleared: true Default probable cause: temperatureLowAlarm (359)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0
Description: The alarm is raised when the temperature of an SFP or XFP reaches the maximum threshold value.		
Raising condition: ('failedThresholds'anyBit'Temperature Low Alarm')		
Clearing condition: NOT (('failedThresholds'anyBit'Temperature Low Alarm'))		
Remedial action: Informational. Check the environmental parameters of the transceiver and ensure that it is not faulty.		

Table 13-82 DDMTemperatureLowWarning

Alarm	Attributes	Applicable major releases
Name: DDMTemperatureLowWarning (472) Type: thresholdAlarm (49) Package: equipment Raised on class: equipment.AbstractDDM	Severity: warning Implicitly cleared: true Default probable cause: temperatureLowWarning (358)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0
Description: The alarm is raised when the temperature of an SFP or XFP approaches the maximum threshold value.		
Raising condition: ('failedThresholds'anyBit'Temperature Low Warning')		
Clearing condition: NOT (('failedThresholds'anyBit'Temperature Low Warning'))		
Remedial action: Informational. Check the environmental parameters of the transceiver and ensure that it is not faulty.		

Table 13-83 DDMTxBiasCurrentHighAlarm

Alarm	Attributes	Applicable major releases
Name: DDMTxBiasCurrentHighAlarm (483) Type: thresholdAlarm (49) Package: equipment Raised on class: equipment.AbstractDDM	Severity: major Implicitly cleared: true Default probable cause: txBiasCurrentHighAlarm (369)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0
Description: The alarm is raised when the transmit bias current of an SFP or XFP reaches the maximum threshold value.		
Raising condition: ('failedThresholds'anyBit'Tx Bias Current High Alarm')		
Clearing condition: NOT (('failedThresholds'anyBit'Tx Bias Current High Alarm'))		
Remedial action: Informational. Check the environmental parameters of the transceiver and ensure that it is not faulty.		

Table 13-84 DDMTxBiasCurrentHighWarning

Alarm	Attributes	Applicable major releases
Name: DDMTxBiasCurrentHighWarning (482) Type: thresholdAlarm (49) Package: equipment Raised on class: equipment.AbstractDDM	Severity: warning Implicitly cleared: true Default probable cause: txBiasCurrentHighWarning (368)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0
Description: The alarm is raised when the transmit bias current of an SFP or XFP approaches the maximum threshold value.		
Raising condition: ('failedThresholds'anyBit'Tx Bias Current High Warning')		
Clearing condition: NOT (('failedThresholds'anyBit'Tx Bias Current High Warning'))		
Remedial action: Informational. Check the environmental parameters of the transceiver and ensure that it is not faulty.		

Table 13-85 DDMTxBiasCurrentLowAlarm

Alarm	Attributes	Applicable major releases
Name: DDMTxBiasCurrentLowAlarm (481) Type: thresholdAlarm (49) Package: equipment Raised on class: equipment.AbstractDDM	Severity: major Implicitly cleared: true Default probable cause: txBiasCurrentLowAlarm (367)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0
Description: The alarm is raised when the transmit bias current of an SFP or XFP reaches the maximum threshold value.		
Raising condition: ('failedThresholds'anyBit'Tx Bias Current Low Alarm')		
Clearing condition: NOT (('failedThresholds'anyBit'Tx Bias Current Low Alarm'))		
Remedial action: Informational. Check the environmental parameters of the transceiver and ensure that it is not faulty.		

Table 13-86 DDMTxBiasCurrentLowWarning

Alarm	Attributes	Applicable major releases
Name: DDMTxBiasCurrentLowWarning (480) Type: thresholdAlarm (49) Package: equipment Raised on class: equipment.AbstractDDM	Severity: warning Implicitly cleared: true Default probable cause: txBiasCurrentLowWarning (366)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0
Description: The alarm is raised when the transmit bias current of an SFP or XFP approaches the maximum threshold value.		
Raising condition: ('failedThresholds'anyBit'Tx Bias Current Low Warning')		
Clearing condition: NOT (('failedThresholds'anyBit'Tx Bias Current Low Warning'))		
Remedial action: Informational. Check the environmental parameters of the transceiver and ensure that it is not faulty.		

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Table 13-87 DDMTxOutputPowerHighAlarm

Alarm	Attributes	Applicable major releases
Name: DDMTxOutputPowerHighAlarm (487) Type: thresholdAlarm (49) Package: equipment Raised on class: equipment.AbstractDDM	Severity: major Implicitly cleared: true Default probable cause: txOutputPowerHighAlarm (373)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0
Description: The alarm is raised when the output power of an SFP or XFP reaches the maximum threshold value.		
Raising condition: ('failedThresholds'anyBit'Tx Output Power High Alarm')		
Clearing condition: NOT (('failedThresholds'anyBit'Tx Output Power High Alarm'))		
Remedial action: Informational. Check the environmental parameters of the transceiver and ensure that it is not faulty.		

Table 13-88 DDMTxOutputPowerHighWarning

Alarm	Attributes	Applicable major releases
Name: DDMTxOutputPowerHighWarning (486) Type: thresholdAlarm (49) Package: equipment Raised on class: equipment.AbstractDDM	Severity: warning Implicitly cleared: true Default probable cause: txOutputPowerHighWarning (372)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0
Description: The alarm is raised when the output power of an SFP or XFP approaches the maximum threshold value.		
Raising condition: ('failedThresholds'anyBit'Tx Output Power High Warning')		
Clearing condition: NOT (('failedThresholds'anyBit'Tx Output Power High Warning'))		
Remedial action: Informational. Check the environmental parameters of the transceiver and ensure that it is not faulty.		

Table 13-89 DDMTxOutputPowerLowAlarm

Alarm	Attributes	Applicable major releases
Name: DDMTxOutputPowerLowAlarm (485) Type: thresholdAlarm (49) Package: equipment Raised on class: equipment.AbstractDDM	Severity: major Implicitly cleared: true Default probable cause: txOutputPowerLowAlarm (371)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0
Description: The alarm is raised when the output power of an SFP or XFP reaches the maximum threshold value.		
Raising condition: ('failedThresholds'anyBit'Tx Output Power Low Alarm')		
Clearing condition: NOT (('failedThresholds'anyBit'Tx Output Power Low Alarm'))		
Remedial action: Informational. Check the environmental parameters of the transceiver and ensure that it is not faulty.		

Table 13-90 DDMtxOutputPowerLowWarning

Alarm	Attributes	Applicable major releases
Name: DDMtxOutputPowerLowWarning (484) Type: thresholdAlarm (49) Package: equipment Raised on class: equipment.AbstractDDM	Severity: warning Implicitly cleared: true Default probable cause: txOutputPowerLowWarning (370)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0
Description: The alarm is raised when the output power of an SFP or XFP approaches the maximum threshold value.		
Raising condition: ('failedThresholds'anyBit'Tx Output Power Low Warning')		
Clearing condition: NOT (('failedThresholds'anyBit'Tx Output Power Low Warning'))		
Remedial action: Informational. Check the environmental parameters of the transceiver and ensure that it is not faulty.		

Table 13-91 DHCPPOOLFailoverStateChange

Alarm	Attributes	Applicable major releases
Name: DHCPPOOLFailoverStateChange (5168) Type: configurationAlarm (11) Package: dhcp Raised on class: dhcp.LocalDhcpPoolFailover	Severity: warning Implicitly cleared: true Default probable cause: DHCPPOOLFailoverStateChanged (2088)	<ul style="list-style-type: none"> • 11.0 • 12.0
Description: The alarm is raised when the Local DHCP Pool Failover has a state other than Normal.		
Raising condition: (('state' NOT EQUAL 'Normal'))		
Clearing condition: (('state' EQUAL 'Normal'))		
Remedial action: This alarm is raised when the operational state of a particular Local DHCP Pool Failover is other than Normal. This can occur if the failover configuration is incorrect, disabled or if a pool failover is in progress. This alarm is cleared implicitly when the DHCP Pool Failover state returns to Normal.		

Table 13-92 DHCPSEVERFailoverStateChange

Alarm	Attributes	Applicable major releases
Name: DHCPSEVERFailoverStateChange (4986) Type: configurationAlarm (11) Package: dhcp Raised on class: dhcp.LocalDhcpServerFailover	Severity: warning Implicitly cleared: true Default probable cause: DHCPSEVERFailoverStateChanged (2041)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when the Local DHCP Server Failover has a state other than Normal.		
Raising condition: (('state' NOT EQUAL 'Normal'))		
Clearing condition: (('state' EQUAL 'Normal'))		
Remedial action: This alarm is raised when operational state of a particular Local DHCP Server Failover is other than Normal. This can occur if the failover configuration is incorrect, disabled or if a server failover is in progress. This alarm will be cleared implicitly when the DHCP Server Failover state returns to Normal.		

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Table 13-93 downgradedCardAlarm

Alarm	Attributes	Applicable major releases
Name: downgradedCardAlarm (256) Type: softwareAlarm (19) Package: equipment Raised on class: equipment.Card	Severity: warning Implicitly cleared: true Default probable cause: downgradedCard (195)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when an IOM is not upgraded or reset after a device software upgrade of both CPMs. A device resets an IOM automatically after 120 minutes if the IOM is not manually reset after a CPM upgrade.		
Raising condition: ('operationalState' EQUAL 'Downgrade')		
Clearing condition: ('operationalState' EQUAL 'Up')		
Remedial action: Informational - no corrective action required.		

Table 13-94 DS1E1AlarmIndicationSignal

Alarm	Attributes	Applicable major releases
Name: DS1E1AlarmIndicationSignal (112) Type: communicationsAlarm (4) Package: tdmequipment Raised on class: tdmequipment.DS1E1ChannelSpecifics	Severity: major Implicitly cleared: true Default probable cause: alarmIndicationSignal (96)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when an NE reports that a specific DS1 or E1 channel has an AIS alarm condition.		
Raising condition: (('Outstanding Alarms'anyBit'Alarm Indication Signal') AND ('Report Alarms'anyBit'Alarm Indication Signal'))		
Clearing condition: NOT (('Outstanding Alarms'anyBit'Alarm Indication Signal') AND ('Report Alarms'anyBit'Alarm Indication Signal'))		
Remedial action: Informational only.		

Table 13-95 DS1E1Looped

Alarm	Attributes	Applicable major releases
Name: DS1E1Looped (126) Type: communicationsAlarm (4) Package: tdmequipment Raised on class: tdmequipment.DS1E1ChannelSpecifics	Severity: major Implicitly cleared: true Default probable cause: farEndLoopback (102)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when an NE reports that a specific DS1 or E1 channel has a remote loopback alarm condition.		
Raising condition: (('Outstanding Alarms'anyBit'Far end wants the near end to loopback') AND ('Report Alarms'anyBit'Far end wants the near end to loopback'))		
Clearing condition: NOT (('Outstanding Alarms'anyBit'Far end wants the near end to loopback') AND ('Report Alarms'anyBit'Far end wants the near end to loopback'))		

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Alarm	Attributes	Applicable major releases
Remedial action: Informational only.		

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Table 13-96 DS1E1LossOfSignal

Alarm	Attributes	Applicable major releases
Name: DS1E1LossOfSignal (124) Type: communicationsAlarm (4) Package: tdmequipment Raised on class: tdmequipment.DS1E1ChannelSpecifics	Severity: major Implicitly cleared: true Default probable cause: lossOfSignal (99)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when an NE reports that a specific DS1 or E1 channel has an LOS alarm condition.		
Raising condition: (('Outstanding Alarms'anyBit'Loss of Signal') AND ('Report Alarms'anyBit'Loss of Signal'))		
Clearing condition: NOT (('Outstanding Alarms'anyBit'Loss of Signal') AND ('Report Alarms'anyBit'Loss of Signal'))		
Remedial action: Informational only.		

Table 13-97 DS1E1OutOfFrame

Alarm	Attributes	Applicable major releases
Name: DS1E1OutOfFrame (125) Type: communicationsAlarm (4) Package: tdmequipment Raised on class: tdmequipment.DS1E1ChannelSpecifics	Severity: major Implicitly cleared: true Default probable cause: outOfFrame (100)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when an NE reports that a specific DS1 or E1 channel has an OOF alarm condition.		
Raising condition: (('Outstanding Alarms'anyBit'Out Of Frame') AND ('Report Alarms'anyBit'Out Of Frame'))		
Clearing condition: NOT (('Outstanding Alarms'anyBit'Out Of Frame') AND ('Report Alarms'anyBit'Out Of Frame'))		
Remedial action: Informational only.		

Table 13-98 DS1E1ResourceAvailabilityIndicator

Alarm	Attributes	Applicable major releases
Name: DS1E1ResourceAvailabilityIndicator (114) Type: communicationsAlarm (4) Package: tdmequipment Raised on class: tdmequipment.DS1E1ChannelSpecifics	Severity: major Implicitly cleared: true Default probable cause: resourceAvailabilityIndicator (98)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0

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Alarm	Attributes	Applicable major releases
Description: The alarm is raised when an NE reports that a specific DS1 or E1 channel has an RAI alarm condition.		
Raising condition: (('Outstanding Alarms'anyBit'Resource Availability Indicator') AND ('Report Alarms'anyBit'Resource Availability Indicator'))		
Clearing condition: NOT (('Outstanding Alarms'anyBit'Resource Availability Indicator') AND ('Report Alarms'anyBit'Resource Availability Indicator'))		
Remedial action: Informational only.		

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Table 13-99 DS1E1SignalDegradation

Alarm	Attributes	Applicable major releases
Name: DS1E1SignalDegradation (500) Type: communicationsAlarm (4) Package: tdmequipment Raised on class: tdmequipment.DS1E1ChannelSpecifics	Severity: major Implicitly cleared: true Default probable cause: signalDegradation (386)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when an NE reports that a specific DS1 or E1 channel has an SD alarm condition.		
Raising condition: (('Outstanding Alarms'anyBit'Signal Degradation') AND ('Report Alarms'anyBit'Signal Degradation'))		
Clearing condition: NOT (('Outstanding Alarms'anyBit'Signal Degradation') AND ('Report Alarms'anyBit'Signal Degradation'))		
Remedial action: Informational only.		

Table 13-100 DS1E1SignalFailure

Alarm	Attributes	Applicable major releases
Name: DS1E1SignalFailure (501) Type: communicationsAlarm (4) Package: tdmequipment Raised on class: tdmequipment.DS1E1ChannelSpecifics	Severity: major Implicitly cleared: true Default probable cause: signalFailure (387)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when an NE reports that a specific DS1 or E1 channel has an SF alarm condition.		
Raising condition: (('Outstanding Alarms'anyBit'Signal Failure') AND ('Report Alarms'anyBit'Signal Failure'))		
Clearing condition: NOT (('Outstanding Alarms'anyBit'Signal Failure') AND ('Report Alarms'anyBit'Signal Failure'))		
Remedial action: Informational only.		

Table 13-101 DS3E3AlarmIndicationSignal

Alarm	Attributes	Applicable major releases
Name: DS3E3AlarmIndicationSignal (115) Type: communicationsAlarm (4) Package: tdmequipment Raised on class: tdmequipment.DS3E3ChannelSpecifics	Severity: major Implicitly cleared: true Default probable cause: alarmIndicationSignal (96)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when an NE reports that a specific DS3 or E3 channel has an AIS alarm condition.		
Raising condition: (('Outstanding Alarms'anyBit'Alarm Indication Signal') AND ('Report Alarms'anyBit'Alarm Indication Signal'))		
Clearing condition: NOT (('Outstanding Alarms'anyBit'Alarm Indication Signal') AND ('Report Alarms'anyBit'Alarm Indication Signal'))		
Remedial action: Informational only.		

Table 13-102 DS3E3Looped

Alarm	Attributes	Applicable major releases
Name: DS3E3Looped (120) Type: communicationsAlarm (4) Package: tdmequipment Raised on class: tdmequipment.DS3E3ChannelSpecifics	Severity: major Implicitly cleared: true Default probable cause: farEndLoopback (102)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when an NE reports that a specific DS3 or E3 channel has a remote loopback alarm condition.		
Raising condition: (('Outstanding Alarms'anyBit'Far end wants the near end to loopback') AND ('Report Alarms'anyBit'Far end wants the near end to loopback'))		
Clearing condition: NOT (('Outstanding Alarms'anyBit'Far end wants the near end to loopback') AND ('Report Alarms'anyBit'Far end wants the near end to loopback'))		
Remedial action: Informational only.		

Table 13-103 DS3E3LossOfSignal

Alarm	Attributes	Applicable major releases
Name: DS3E3LossOfSignal (116) Type: communicationsAlarm (4) Package: tdmequipment Raised on class: tdmequipment.DS3E3ChannelSpecifics	Severity: major Implicitly cleared: true Default probable cause: lossOfSignal (99)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when an NE reports that a specific DS3 or E3 channel has an LOS alarm condition.		
Raising condition: (('Outstanding Alarms'anyBit'Loss of Signal') AND ('Report Alarms'anyBit'Loss of Signal'))		
Clearing condition: NOT (('Outstanding Alarms'anyBit'Loss of Signal') AND ('Report Alarms'anyBit'Loss of Signal'))		

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Alarm	Attributes	Applicable major releases
Remedial action: Informational only.		

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Table 13-104 DS3E3OutOfFrame

Alarm	Attributes	Applicable major releases
Name: DS3E3OutOfFrame (117) Type: communicationsAlarm (4) Package: tdmequipment Raised on class: tdmequipment.DS3E3ChannelSpecifics	Severity: major Implicitly cleared: true Default probable cause: outOfFrame (100)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when an NE reports that a specific DS3 or E3 channel has an OOF alarm condition.		
Raising condition: (('Outstanding Alarms'anyBit'Out Of Frame') AND ('Report Alarms'anyBit'Out Of Frame'))		
Clearing condition: NOT (('Outstanding Alarms'anyBit'Out Of Frame') AND ('Report Alarms'anyBit'Out Of Frame'))		
Remedial action: Informational only.		

Table 13-105 DS3E3ResourceAvailability

Alarm	Attributes	Applicable major releases
Name: DS3E3ResourceAvailability (119) Type: communicationsAlarm (4) Package: tdmequipment Raised on class: tdmequipment.DS3E3ChannelSpecifics	Severity: major Implicitly cleared: true Default probable cause: resourceAvailabilityIndicator (98)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when an NE reports that a specific DS3 or E3 channel has an RAI alarm condition.		
Raising condition: (('Outstanding Alarms'anyBit'Resource Availability Indicator') AND ('Report Alarms'anyBit'Resource Availability Indicator'))		
Clearing condition: NOT (('Outstanding Alarms'anyBit'Resource Availability Indicator') AND ('Report Alarms'anyBit'Resource Availability Indicator'))		
Remedial action: Informational only.		

Table 13-106 EfmOamAlarm

Alarm	Attributes	Applicable major releases
Name: EfmOamAlarm (4617) Type: equipmentAlarm (3) Package: ethernetequipment Raised on class: ethernetequipment.Dot3Oam	Severity: minor Implicitly cleared: true Default probable cause: EFMOAMOperationalStateOutOfService (1886)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when EFM Ignore status is Enabled, and Physical port Administrative State is Down.		
Raising condition: ('Ignore EFM State' EQUAL 'true')		
Clearing condition: ('Ignore EFM State' EQUAL 'true')		
Remedial action: The alarm is raised when EFM Ignore status is Enabled, and Physical port Administrative State is Down.		

Table 13-107 EquipmentAdministrativelyDown

Alarm	Attributes	Applicable major releases
Name: EquipmentAdministrativelyDown (455) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.Equipment	Severity: minor Implicitly cleared: true Default probable cause: equipmentAdministrativelyDown (326)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when the compositeEquipmentState attribute has a value of equipmentAdministrativelyDown.		
Raising condition: ('compositeEquipmentState' EQUAL 'Admin Down')		
Clearing condition: ('compositeEquipmentState' NOT EQUAL 'Admin Down')		
Remedial action: Informational - no corrective action required.		

Table 13-108 EquipmentDegraded

Alarm	Attributes	Applicable major releases
Name: EquipmentDegraded (604) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.FanTray	Severity: minor Implicitly cleared: true Default probable cause: singleFanFailure (450)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when a single fan fails. The chassis attempts to continue operating within the normal temperature range using only the remaining fans.		
Raising condition: ('Device State' EQUAL 'MinorFailure')		
Clearing condition: ('Device State' NOT EQUAL 'MinorFailure')		
Remedial action: The failed fan unit should be replaced.		

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Table 13-109 EquipmentDown

Alarm	Attributes	Applicable major releases
Name: EquipmentDown (10) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.Equipment	Severity: major Implicitly cleared: true Default probable cause: inoperableEquipment (8)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when the compositeEquipmentState attribute has a value of equipmentOperationallyDown.		
Raising condition: ('compositeEquipmentState' EQUAL 'Oper Down')		
Clearing condition: ('compositeEquipmentState' NOT EQUAL 'Oper Down')		
Remedial action: This alarm indicates that a card in the NE has failed. The card must be replaced.		

Table 13-110 EquipmentFailure

Alarm	Attributes	Applicable major releases
Name: EquipmentFailure (145) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.ReplaceableUnit	Severity: critical Implicitly cleared: true Default probable cause: cardFailure (123)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when a control processor or power-supply tray reports a failure. When the object type is ControlProcessor, a CPM may be unable to boot. When the object type is Power Supply Tray and the alarm is raised during device discovery, a power-supply tray may be out of service. When the object type is a Power Supply Tray and the device is in the managed state, a power-supply tray may be out of service or the AC power shelf has a fault condition. The alarm clears when the status changes to OK.		
Raising condition: ('operationalState' EQUAL 'Failed')		
Clearing condition: ('operationalState' NOT EQUAL 'Failed')		
Remedial action: If the alarm indicates that the CPM card has a fault, remove the card and reset it. If this does not clear the alarm then please contact Alcatel-Lucent support for assistance. If the alarm indicates that the Power Supply tray is out of service ensure that the NE is properly connected to power. If the problem persists please contact Alcatel-Lucent support for assistance.		

Table 13-111 EquipmentInTest

Alarm	Attributes	Applicable major releases
Name: EquipmentInTest (11) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.Equipment	Severity: warning Implicitly cleared: true Default probable cause: equipmentInTest (9)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when equipment enters a diagnostic state.		
Raising condition: ('compositeEquipmentState' EQUAL 'In Test')		
Clearing condition: ('compositeEquipmentState' NOT EQUAL 'In Test')		

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Alarm	Attributes	Applicable major releases
Remedial action: Informational - no corrective action required.		

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Table 13-112 EquipmentMismatch

Alarm	Attributes	Applicable major releases
Name: EquipmentMismatch (9) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.Equipment	Severity: major Implicitly cleared: true Default probable cause: equipmentTypeMismatch (7)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when the compositeEquipmentState attribute has a value of equipmentMismatch.		
Raising condition: ('compositeEquipmentState' EQUAL 'Type Mismatch')		
Clearing condition: ('compositeEquipmentState' NOT EQUAL 'Type Mismatch')		
Remedial action: A configuration error has occurred which must be corrected. The card type configured for the slot identified in the alarm must match the installed card type.		

Table 13-113 EquipmentRemoved

Alarm	Attributes	Applicable major releases
Name: EquipmentRemoved (8) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.Equipment	Severity: major Implicitly cleared: true Default probable cause: replaceableEquipmentRemoved (6)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when the compositeEquipmentState attribute has a value of equipmentMissing.		
Raising condition: (((('isEquipped' EQUAL 'false') OR ('compositeEquipmentState' EQUAL 'Removed')) AND ('isEquipmentInserted' EQUAL 'true'))		
Clearing condition: (('compositeEquipmentState' NOT EQUAL 'Removed') AND ('isEquipped' EQUAL 'true'))		
Remedial action: Informational - this alarm is raised when a card is removed.		

Table 13-114 EthCSF

Alarm	Attributes	Applicable major releases
Name: EthCSF (3721) Type: oamAlarm (18) Package: ethernetoam Raised on class: ethernetoam.Mep	Severity: variable Implicitly cleared: true Default probable cause: EthCSF (1459)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0

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Alarm	Attributes	Applicable major releases
Description: The alarm is raised when a MEP receives a CCM frame with an interface status TLV of 'Down'.		
Remedial action: This alarm is raised when a MEP receives a CCM frame with an interface status TLV of Down.		

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Table 13-115 EthernetPortConfiguredLoopback

Alarm	Attributes	Applicable major releases
Name: EthernetPortConfiguredLoopback (801) Type: configurationAlarm (11) Package: ethernetequipment Raised on class: ethernetequipment.EthernetPortSpecifics	Severity: warning Implicitly cleared: true Default probable cause: ethernetPortConfiguredLoopback (567)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when a timed loopback is in effect for an Ethernet port.		
Raising condition: (('Type' NOT EQUAL 'None'))		
Clearing condition: (('Type' EQUAL 'None'))		
Remedial action: This alarm has been raised by the node because "Timed Loopback" option of the specific port's Ethernet property has been enabled. To resolve this problem from "Ethernet" tab of "Physical Port" properties form configure "Timed Loopback" Type property as "None".		

Table 13-116 EthernetPortDuplicateLane

Alarm	Attributes	Applicable major releases
Name: EthernetPortDuplicateLane (3557) Type: communicationsAlarm (4) Package: ethernetequipment Raised on class: ethernetequipment.EthernetPortSpecifics	Severity: major Implicitly cleared: true Default probable cause: DuplicateLane (1387)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when a device reports a Duplicate Lane on an Ethernet port.		
Raising condition: (('Outstanding Alarms'anyBit'Duplicate Lane') AND ('Report Alarms'anyBit'Duplicate Lane'))		
Clearing condition: NOT (('Outstanding Alarms'anyBit'Duplicate Lane') AND ('Report Alarms'anyBit'Duplicate Lane'))		
Remedial action: One of the following conditions exists on the referenced physical interface which must be corrected. A cable/fiber fault exists which must be corrected - check to ensure that the cable is not faulty and is properly connected. The port is faulty - run diagnostics on the port to determine the nature of the fault. If the problem cannot be resolved swap the card containing the port with a card which is known be functional.		

Table 13-117 EthernetPortHighBer

Alarm	Attributes	Applicable major releases
Name: EthernetPortHighBer (307) Type: communicationsAlarm (4) Package: ethernetequipment Raised on class: ethernetequipment.EthernetPortSpecifics	Severity: major Implicitly cleared: true Default probable cause: HighBer (238)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when a device reports a high bit-error rate on an Ethernet port.		
Raising condition: (('Outstanding Alarms'anyBit'High Bit Error Rate') AND ('Report Alarms'anyBit'High Bit Error Rate'))		
Clearing condition: NOT (('Outstanding Alarms'anyBit'High Bit Error Rate') AND ('Report Alarms'anyBit'High Bit Error Rate'))		
Remedial action: One of the following conditions exists on the physical interface which must be corrected. A cable/fiber fault exists which must be corrected - check to ensure that the cable is not faulty and is properly connected. The port is faulty - run diagnostics on the port to determine the nature of the fault.		

Table 13-118 EthernetPortLocalFault

Alarm	Attributes	Applicable major releases
Name: EthernetPortLocalFault (305) Type: communicationsAlarm (4) Package: ethernetequipment Raised on class: ethernetequipment.EthernetPortSpecifics	Severity: major Implicitly cleared: true Default probable cause: LocalFault (236)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when a device reports a local fault on an Ethernet port.		
Raising condition: (('Outstanding Alarms'anyBit'Local Fault') AND ('Report Alarms'anyBit'Local Fault'))		
Clearing condition: NOT (('Outstanding Alarms'anyBit'Local Fault') AND ('Report Alarms'anyBit'Local Fault'))		
Remedial action: One of the following conditions exists on the physical interface which must be corrected. A cable/fiber fault exists which must be corrected - check to ensure that the cable is not faulty and is properly connected. The port is faulty - run diagnostics on the port to determine the nature of the fault.		

Table 13-119 EthernetPortNoAmLock

Alarm	Attributes	Applicable major releases
Name: EthernetPortNoAmLock (3558) Type: communicationsAlarm (4) Package: ethernetequipment Raised on class: ethernetequipment.EthernetPortSpecifics	Severity: major Implicitly cleared: true Default probable cause: NoAmLock (1388)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when a device reports a No Am Lock on an Ethernet port.		
Raising condition: (('Outstanding Alarms'anyBit'No AM Lock') AND ('Report Alarms'anyBit'No AM Lock'))		

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Alarm	Attributes	Applicable major releases
Clearing condition: NOT (('Outstanding Alarms'anyBit'No AM Lock') AND ('Report Alarms'anyBit'No AM Lock'))		
Remedial action: One of the following conditions exists on the referenced physical interface which must be corrected. A cable/fiber fault exists which must be corrected - check to ensure that the cable is not faulty and is properly connected. The port is faulty - run diagnostics on the port to determine the nature of the fault. If the problem cannot be resolved swap the card containing the port with a card which is known be functional.		

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Table 13-120 EthernetPortNoBlockLock

Alarm	Attributes	Applicable major releases
Name: EthernetPortNoBlockLock (3559) Type: communicationsAlarm (4) Package: ethernetequipment Raised on class: ethernetequipment.EthernetPortSpecifics	Severity: major Implicitly cleared: true Default probable cause: NoBlockLock (1389)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when a device reports a No Block Lock on an Ethernet port.		
Raising condition: (('Outstanding Alarms'anyBit'No Block Lock') AND ('Report Alarms'anyBit'No Block Lock'))		
Clearing condition: NOT (('Outstanding Alarms'anyBit'No Block Lock') AND ('Report Alarms'anyBit'No Block Lock'))		
Remedial action: One of the following conditions exists on the referenced physical interface which must be corrected. A cable/fiber fault exists which must be corrected - check to ensure that the cable is not faulty and is properly connected. The port is faulty - run diagnostics on the port to determine the nature of the fault. If the problem cannot be resolved swap the card containing the port with a card which is known be functional.		

Table 13-121 EthernetPortNoFrameLock

Alarm	Attributes	Applicable major releases
Name: EthernetPortNoFrameLock (306) Type: communicationsAlarm (4) Package: ethernetequipment Raised on class: ethernetequipment.EthernetPortSpecifics	Severity: major Implicitly cleared: true Default probable cause: NoFrameLock (237)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when a device reports No Frame Lock on an Ethernet port.		
Raising condition: (('Outstanding Alarms'anyBit'No Frame Lock') AND ('Report Alarms'anyBit'No Frame Lock'))		
Clearing condition: NOT (('Outstanding Alarms'anyBit'No Frame Lock') AND ('Report Alarms'anyBit'No Frame Lock'))		
Remedial action: One of the following conditions exists on the physical interface which must be corrected. A cable/fiber fault exists which must be corrected - check to ensure that the cable is not faulty and is properly connected. The port is faulty - run diagnostics on the port to determine the nature of the fault.		

Table 13-122 EthernetPortRemoteFault

Alarm	Attributes	Applicable major releases
Name: EthernetPortRemoteFault (304) Type: communicationsAlarm (4) Package: ethernetequipment Raised on class: ethernetequipment.EthernetPortSpecifics	Severity: major Implicitly cleared: true Default probable cause: RemoteFault (235)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when a device reports a remote fault on an Ethernet port.		
Raising condition: (('Outstanding Alarms'anyBit'Remote Fault') AND ('Report Alarms'anyBit'Remote Fault'))		
Clearing condition: NOT (('Outstanding Alarms'anyBit'Remote Fault') AND ('Report Alarms'anyBit'Remote Fault'))		
Remedial action: One of the following conditions exists on the remote physical interface which must be corrected. A cable/fiber fault exists which must be corrected - check to ensure that the cable is not faulty and is properly connected. The port is faulty - run diagnostics on the port to determine the nature of the fault.		

Table 13-123 EthernetPortSignalFailure

Alarm	Attributes	Applicable major releases
Name: EthernetPortSignalFailure (303) Type: communicationsAlarm (4) Package: ethernetequipment Raised on class: ethernetequipment.EthernetPortSpecifics	Severity: major Implicitly cleared: true Default probable cause: SignalFailure (234)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when a device reports a signal failure on an Ethernet port.		
Raising condition: (('Outstanding Alarms'anyBit'Signal Failure') AND ('Report Alarms'anyBit'Signal Failure'))		
Clearing condition: NOT (('Outstanding Alarms'anyBit'Signal Failure') AND ('Report Alarms'anyBit'Signal Failure'))		
Remedial action: One of the following conditions exists on the physical interface which must be corrected. A cable/fiber fault exists which must be corrected - check to ensure that the cable is not faulty and is properly connected. The port is faulty - run diagnostics on the port to determine the nature of the fault.		

Table 13-124 ExternalTimingReferenceNotQualified

Alarm	Attributes	Applicable major releases
Name: ExternalTimingReferenceNotQualified (548) Type: communicationsAlarm (4) Package: sonet Raised on class: sonet.SiteSync	Severity: minor Implicitly cleared: true Default probable cause: timingReferenceNotQualified (418)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when the External timing reference on an NE is not in the Qualified state.		
Raising condition: (('Qualified For Use' EQUAL 'Not Qualified') AND ('Administrative State' NOT EQUAL 'Down'))		
Clearing condition: (('Qualified For Use' NOT EQUAL 'Not Qualified') OR ('Administrative State' EQUAL 'Down'))		

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Alarm	Attributes	Applicable major releases
Remedial action: Informational		

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Table 13-125 FanFailure

Alarm	Attributes	Applicable major releases
Name: FanFailure (624) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.FanTray	Severity: critical Implicitly cleared: true Default probable cause: fanFailure (116)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when the associated fan is not operationally Up.		
Raising condition: (('Device State' EQUAL 'Failed') OR ('Device State' EQUAL 'Unknown') OR ('Device State' EQUAL 'OutOfservice'))		
Clearing condition: ('Device State' EQUAL 'OK')		
Remedial action: Remove and reset the fan unit. If this does not resolve the problem replace the fan.		

Table 13-126 FanTrayRemoved

Alarm	Attributes	Applicable major releases
Name: FanTrayRemoved (569) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.FanTray	Severity: critical Implicitly cleared: true Default probable cause: FanTrayRemoved (438)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when the deviceState attribute has a value of deviceNotEquipped.		
Raising condition: ('Device State' EQUAL 'Not Equipped')		
Clearing condition: ('Device State' NOT EQUAL 'Not Equipped')		
Remedial action: Informational - a fan tray has been removed from the NE.		

Table 13-127 ForwardingTableSizeLimitReached

Alarm	Attributes	Applicable major releases
Name: ForwardingTableSizeLimitReached (164) Type: resourceAlarm (28) Package: I2fwd Raised on class: I2fwd.SiteFib	Severity: major Implicitly cleared: true Default probable cause: resourceLimitReached (131)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0

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Alarm	Attributes	Applicable major releases
Description: The alarm is raised when the number of MAC address entries in the FIB reaches or exceeds the VPLS site high watermark specified by I2fwd.SiteFib.highWatermark. The alarm clears when the number of MAC address entries in the FIB drops below the VPLS site low watermark specified by I2fwd.SiteFib.lowWatermark. The alarm can be raised against a VPLS site, L2 access interface, or spoke SDP binding.		
Raising condition: (('Entries' >= 'Size') OR ('Entries' >= (('High Watermark' * 'Size') / 100.0)))"		
Clearing condition: (('Entries' < 'Size') AND (('High Watermark' EQUAL '0L') OR ('Entries' < (('Low Watermark' * 'Size') / 100.0))) AND (('Low Watermark' EQUAL '0L') OR ('Entries' < (('Low Watermark' * 'Size') / 100.0)))		
Remedial action: Informational		

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Table 13-128 FrameSizeProblem (netw)

Alarm	Attributes	Applicable major releases
Name: FrameSizeProblem (37) Type: configurationAlarm (11) Package: netw Raised on class: netw.StatefullConnectableInterface	Severity: critical Implicitly cleared: true Default probable cause: frameSizeProblem (33)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when a provisioned MTU size value is greater than the supported MTU size value.		
Raising condition: (('mtuMismatch' EQUAL 'true') AND ('portId' NOT EQUAL '0L'))		
Clearing condition: (('mtuMismatch' EQUAL 'false') OR ('portId' EQUAL '0L'))		
Remedial action: A configuration error has been made which must be corrected. The MTU value must be changed such that is less than or equal to the supported MTU size value.		

Table 13-129 FrameSizeProblem (svt)

Alarm	Attributes	Applicable major releases
Name: FrameSizeProblem (37) Type: configurationAlarm (11) Package: svt Raised on class: svt.SdpBinding	Severity: critical Implicitly cleared: true Default probable cause: frameSizeProblem (33)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when a provisioned MTU size value is greater than the supported MTU size value.		
Raising condition: (('Operational State' EQUAL 'MTU Mismatch') OR ('Operational State' EQUAL 'Tunnel MTU Too Small'))		
Clearing condition: (('Operational State' NOT EQUAL 'MTU Mismatch') AND ('Operational State' NOT EQUAL 'Tunnel MTU Too Small'))		
Remedial action: The MTU value must be changed such that is is less than or equal to the supported MTU size value.		

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Table 13-130 GaPeerDown

Alarm	Attributes	Applicable major releases
Name: GaPeerDown (3303) Type: EpcAlarm (59) Package: Iteggnsn Raised on class: Iteggnsn.GaPeer	Severity: major Implicitly cleared: true Default probable cause: EPSPeerDown (602)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when the path management state of a Ga peer changes to a state other than Up.		
Raising condition: ('Path Management State' NOT EQUAL 'Active')		
Clearing condition: ('Path Management State' EQUAL 'Active')		
Remedial action: A Ga reference point (peer) is operationally down for one of the following reasons: the underlying IP or physical interface is down, the far end peer is down or the underlying transport between this NE and the peer NE is down. To resolve the issue ensure that the IP/physical interface is up, check that the far end peer is operational and check that the underlying transport network is up.		

Table 13-131 GRE TunnelDown

Alarm	Attributes	Applicable major releases
Name: GRE TunnelDown (3326) Type: serviceAlarm (16) Package: svt Raised on class: svt.GRETunnel	Severity: major Implicitly cleared: true Default probable cause: tunnelDown (23)	<ul style="list-style-type: none"> • 11.0 • 12.0
Description: The alarm is raised when the IP/GRE tunnel Operational State changes to Down and the Administrative State is Up.		
Raising condition: (('Operational State' NOT EQUAL 'Up') AND ('Administrative State' EQUAL 'Up'))		
Clearing condition: (('Operational State' EQUAL 'Up') OR ('Administrative State' NOT EQUAL 'Up'))		
Remedial action: The situation may occur if the underlying physical port is down either because of administrative disabling or a fault on the port or due to a cable connection or cable failure. This alarm will also be raised if the underlying transport network fails or is unreliable.		

Table 13-132 GroupDown

Alarm	Attributes	Applicable major releases
Name: GroupDown (69) Type: ProtocolAlarm (1) Package: rip Raised on class: rip.Group	Severity: critical Implicitly cleared: true Default probable cause: protocolDown (1)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when a RIP group has an Operational State other than Up, and the Administrative State is Up.		
Raising condition: (('administrativeState' EQUAL 'Up') AND ('operationalState' NOT EQUAL 'Up'))		
Clearing condition: (('operationalState' EQUAL 'Up') OR ('administrativeState' NOT EQUAL 'Up'))		

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Alarm	Attributes	Applicable major releases
Remedial action: The RIP Group is down while it is administratively up. Please check RIP related configuration e.g., the RIP is not shutdown.		

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Table 13-133 GroupInterfaceDown

Alarm	Attributes	Applicable major releases
Name: GroupInterfaceDown (441) Type: GroupInterfaceAlarm (44) Package: service Raised on class: service.GroupInterface	Severity: critical Implicitly cleared: true Default probable cause: interfaceDown (32)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when the 5620 SAM detects that a group interface is operationally down. The alarm clears when the group interface is operationally up.		
Raising condition: ('operationalState' NOT EQUAL 'Up')		
Clearing condition: ('operationalState' EQUAL 'Up')		
Remedial action: Check the configuration and the underlying physical interface.		

Table 13-134 IGHMisconfigured

Alarm	Attributes	Applicable major releases
Name: IGHMisconfigured (827) Type: ighAlarm (74) Package: igh Raised on class: igh.InterfaceGroupHandler	Severity: major Implicitly cleared: true Default probable cause: IGHProtocolMismatch (590)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when the IGH is administratively up but none of the IGH protocols is operationally up.		
Raising condition: (('igh_misconfigured' EQUAL "\"yes\"") AND ('Administrative State' EQUAL 'Up'))		
Clearing condition: (('igh_misconfigured' NOT EQUAL "\"yes\"") OR ('Administrative State' NOT EQUAL 'Up'))		
Remedial action: Please check the configuration.		

Table 13-135 IcmpDown

Alarm	Attributes	Applicable major releases
Name: IcmpDown (158) Type: ProtocolAlarm (1) Package: icmp Raised on class: icmp.Site	Severity: critical Implicitly cleared: true Default probable cause: protocolDown (1)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0

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Alarm	Attributes	Applicable major releases
Description: The alarm is raised when an IGMP site has an Operational State other than Up, and the Administrative State is Up.		
Raising condition: (('Administrative State' EQUAL 'Up') AND ('Operational State' NOT EQUAL 'Up'))		
Clearing condition: (('Operational State' EQUAL 'Up') OR ('Administrative State' NOT EQUAL 'Up'))		
Remedial action: While configured under VPRN, check if VPRN site is admin down, or if route distinguisher is not configured.		

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Table 13-136 IgmpMaxGrpSrcsLimitExceeded

Alarm	Attributes	Applicable major releases
Name: IgmpMaxGrpSrcsLimitExceeded (4624) Type: configurationAlarm (11) Package: igmp Raised on class: igmp.Interface	Severity: major Implicitly cleared: false Default probable cause: IgmpMaxGrpSrcsLimitExceeded (1892)	<ul style="list-style-type: none"> • 11.0 • 12.0
Description: The alarm is raised when an attempt is made to configure an IGMP group source for a group when the number of group sources for this group is equal to 'maxGrpSources', the maximum number of group sources per group supported on the interface.		
Remedial action: Needs to increase 'maxGrpSources' value to allow more sources on this interface.		

Table 13-137 IgmpMaxSrcsLimitExceeded

Alarm	Attributes	Applicable major releases
Name: IgmpMaxSrcsLimitExceeded (3742) Type: configurationAlarm (11) Package: igmp Raised on class: igmp.Interface	Severity: major Implicitly cleared: false Default probable cause: IgmpMaxSrcsLimitExceeded (1477)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0
Description: The alarm is raised when an attempt is made to configure an IGMP source for a group when the number of sources for this group is equal to 'maxSources', the maximum number of sources per group supported on the interface.		
Remedial action: Needs to increase 'maxSources' value to allow more sources on this interface.		

Table 13-138 IncompleteConfig (multichassis)

Alarm	Attributes	Applicable major releases
Name: IncompleteConfig (294) Type: configurationAlarm (11) Package: multichassis Raised on classes: <ul style="list-style-type: none"> • multichassis.MultiChassisSync • multichassis.MultiChassisLagMember 	Severity: major Implicitly cleared: true Default probable cause: incompleteConfig (225)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0

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Alarm	Attributes	Applicable major releases
Description: The alarm is raised when a peer configuration cannot be found on the peer NE.		
Raising condition: ('mLagPointer' EQUAL '\')		
Clearing condition: ('mLagPointer' NOT EQUAL '\')		
Remedial action: Configure the missing peered object.		

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Table 13-139 IncompleteConfiguration

Alarm	Attributes	Applicable major releases
Name: IncompleteConfiguration (1942) Type: operationalViolation (93) Package: netw Raised on class: netw.NetworkElement	Severity: warning Implicitly cleared: true Default probable cause: incompleteConfig (225)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when a pre-provisioned NE has no objects configured beneath it.		
Raising condition: (('State' EQUAL 'Pre-provisioned') AND ('eNodeB Equipment' EQUAL '\'))		
Clearing condition: (('State' EQUAL 'Pre-provisioned') AND ('eNodeB Equipment' NOT EQUAL '\'))		
Remedial action: A configuration error has been made which must be corrected. The configuration of the pre-provisioned NE is incomplete. A work order was not associated with the pre-provisioned NE and as a consequence the attempt to auto-configure the NE failed.		

Table 13-140 IncorrectEndPointPeerConfig

Alarm	Attributes	Applicable major releases
Name: IncorrectEndPointPeerConfig (1068) Type: configurationAlarm (11) Package: multichassis Raised on class: multichassis.MultiChassisEndpoint	Severity: major Implicitly cleared: true Default probable cause: incompleteEPPeerConfig (810)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when a peer configuration cannot be found on the peer NE.		
Raising condition: ('MC EndPoint Group Pointer' EQUAL '\')		
Clearing condition: ('MC EndPoint Group Pointer' NOT EQUAL '\')		
Remedial action: The peered object cannot be found on the peer NE. Either delete this one, or create the missing peer object.		

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Table 13-141 IncorrectNeighborConfig

Alarm	Attributes	Applicable major releases
Name: IncorrectNeighborConfig (609) Type: configurationAlarm (11) Package: aps Raised on class: aps.ApsGroup	Severity: major Implicitly cleared: true Default probable cause: incorrectNeighborConfig (452)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when the peer does not exist or the neighbor address does not point to a network interface on the NE that contains the peer object.		
Raising condition: (('Type' EQUAL 'MultiChassis') AND ('Neighbor match' EQUAL 'false'))		
Clearing condition: (('Type' EQUAL 'SingleChassis') OR ('Neighbor match' EQUAL 'true'))		
Remedial action: Make sure a peer exist and the neighbor address points to a network interface on the NE that contains the peer object.		

Table 13-142 IncorrectPeerConfig

Alarm	Attributes	Applicable major releases
Name: IncorrectPeerConfig (779) Type: configurationAlarm (11) Package: multichassis Raised on class: multichassis.AbstractPeer	Severity: major Implicitly cleared: true Default probable cause: IncorrectPeerConfig (554)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when an MC peer does not exist, or when an MC peer exists but the peer address is not the address of a network interface on the peer.		
Raising condition: ('peerMatchFound' EQUAL 'false')		
Clearing condition: ('peerMatchFound' EQUAL 'true')		
Remedial action: The peer configuration cannot be found on the peer NE. Either delete this one, or create the missing peer object.		

Table 13-143 IncorrectPeerSynchronizationPortConfig

Alarm	Attributes	Applicable major releases
Name: IncorrectPeerSynchronizationPortConfig (780) Type: configurationAlarm (11) Package: multichassis Raised on class: multichassis.PeerSynchronizationPort	Severity: major Implicitly cleared: true Default probable cause: IncorrectPeerSynchronizationPortConfig (555)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when the peer port does not exist, or when the peer port exists but the synchronization tags of the peers do not match.		
Raising condition: ('peerMatchFound' EQUAL 'false')		
Clearing condition: ('peerMatchFound' EQUAL 'true')		

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Alarm	Attributes	Applicable major releases
Remedial action: Check if the peer port does not exist, or the peer port exists but the synchronization tags do not match.		

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Table 13-144 IncorrectPeerSynchronizationPortEncapRangeConfig

Alarm	Attributes	Applicable major releases
Name: IncorrectPeerSynchronizationPortEncapRangeConfig (781) Type: configurationAlarm (11) Package: multichassis Raised on class: multichassis.PeerSynchronizationPortEncapRange	Severity: major Implicitly cleared: true Default probable cause: IncorrectPeerSynchronizationPortEncapRangeConfig (556)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when the VLAN ranges on the Multi-Chassis synchronization peers do not match.		
Raising condition: ('Neighbor Match' EQUAL 'false')		
Clearing condition: ('Neighbor Match' EQUAL 'true')		
Remedial action: Update the VLAN ranges on the Multi-Chassis synchronization peers to make them matching.		

Table 13-145 InstanceDown (srrp)

Alarm	Attributes	Applicable major releases
Name: InstanceDown (284) Type: configurationAlarm (11) Package: srrp Raised on class: srrp.Instance	Severity: major Implicitly cleared: true Default probable cause: instanceDown (216)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when the 5620 SAM detects that an SRRP instance is operationally down.		
Raising condition: (('Administrative State' EQUAL 'Up') AND ('Operational State' EQUAL 'Initialize'))		
Clearing condition: (('Operational State' NOT EQUAL 'Initialize') OR ('Administrative State' NOT EQUAL 'Up'))		
Remedial action: Check the configuration of the instance		

Table 13-146 InstanceDown (vrrp)

Alarm	Attributes	Applicable major releases
Name: InstanceDown (284) Type: configurationAlarm (11) Package: vrrp Raised on class: vrrp.AbstractInstance	Severity: major Implicitly cleared: true Default probable cause: instanceDown (216)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0

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Alarm	Attributes	Applicable major releases
Description: The alarm is raised when the 5620 SAM detects that a VRRP instance is operationally down.		
Raising condition: (('Administrative State' EQUAL 'Up') AND ('Operational State' NOT EQUAL 'Up'))		
Clearing condition: (('Operational State' EQUAL 'Up') OR ('Administrative State' NOT EQUAL 'Up'))		
Remedial action: Check the instance configuration		

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Table 13-147 InterfaceDown (netw)

Alarm	Attributes	Applicable major releases
Name: InterfaceDown (36) Type: InterfaceAlarm (13) Package: netw Raised on class: netw.StatefullConnectableInterface	Severity: critical Implicitly cleared: true Default probable cause: interfaceDown (32)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when an interface or underlying resource fails, as indicated by an interface compositeState attribute value of failed or underlyingResourceFailed.		
Raising condition: (('compositeState' EQUAL 'Inoperable') OR ('compositeState' EQUAL 'Underlying Resource Inoperable'))		
Clearing condition: (('compositeState' NOT EQUAL 'Inoperable') AND ('compositeState' NOT EQUAL 'Underlying Resource Inoperable'))		
Remedial action: A physical port (physical interface, LAG, channel) associated with the network interface in not operation. Ensure that the interface is cabled and that there is not a configuration error (i.e. MTU size set incorrectly) on the interface. Once the issue w		

Table 13-148 InterfaceDown (service)

Alarm	Attributes	Applicable major releases
Name: InterfaceDown (36) Type: configurationAlarm (11) Package: service Raised on class: service.RedundantInterface	Severity: major Implicitly cleared: true Default probable cause: interfaceDown (32)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when the 5620 SAM detects that a redundant interface is operationally down.		
Raising condition: (('administrativeState' EQUAL 'Up') AND ('operationalState' NOT EQUAL 'Up'))		
Clearing condition: (('operationalState' EQUAL 'Up') OR ('administrativeState' NOT EQUAL 'Up'))		
Remedial action: A physical port (physical interface, LAG, channel) associated with the network interface in not operation. Ensure that the interface is cabled and that there is not a configuration error (i.e. MTU size set incorrectly) on the interface. Once the issue w		

Table 13-149 InterfaceDown (vpls)

Alarm	Attributes	Applicable major releases
Name: InterfaceDown (36) Type: configurationAlarm (11) Package: vpls Raised on class: vpls.L2ManagementInterface	Severity: major Implicitly cleared: true Default probable cause: interfaceDown (32)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when an L2 management interface has an Operational State of Down, and the associated VPLS site has an Administrative State of Up.		
Raising condition: (('administrativeState' EQUAL 'Up') AND ('operationalState' NOT EQUAL 'Up'))		
Clearing condition: (('operationalState' EQUAL 'Up') OR ('administrativeState' NOT EQUAL 'Up'))		
Remedial action: The condition exists because the physical interface is down either because it is administratively disabled, faulty or a cabling fault has occurred. Ensure that the interface is administratively up. Check for a poor cable connection to the port or for a faulty cable/fiber. If neither appears to be the problem run diagnostics on the port to determine if it is faulty.		

Table 13-150 InterfaceDown (vprn)

Alarm	Attributes	Applicable major releases
Name: InterfaceDown (36) Type: configurationAlarm (11) Package: vprn Raised on class: vprn.IPMirrorInterface	Severity: major Implicitly cleared: true Default probable cause: interfaceDown (32)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when the 5620 SAM detects that an interface is operationally down.		
Raising condition: (('administrativeState' EQUAL 'Up') AND ('operationalState' NOT EQUAL 'Up'))		
Clearing condition: (('operationalState' EQUAL 'Up') OR ('administrativeState' NOT EQUAL 'Up'))		
Remedial action: A physical port (physical interface, LAG, channel) associated with the network interface in not operation. Ensure that the interface is cabled and that there is not a configuration error (i.e. MTU size set incorrectly) on the interface. Once the issue w		

Table 13-151 InterfaceNeighborDown

Alarm	Attributes	Applicable major releases
Name: InterfaceNeighborDown (661) Type: NeighborDown (20) Package: ospf Raised on class: ospf.Interface	Severity: warning Implicitly cleared: true Default probable cause: NeighborDown (103)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when an interface neighbor is operationally down.		
Raising condition: (('Neighbor Count' EQUAL '0L') AND ('interfaceClass' NOT EQUAL 'System') AND ('Passive' NOT EQUAL 'true'))		
Clearing condition: (('Neighbor Count' NOT EQUAL '0L') OR ('Passive' EQUAL 'true'))		

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Alarm	Attributes	Applicable major releases
<p>Remedial action: This alarm is raised when the OSPF interface neighbor is operationally down. The situation may occur if the underlying physical interface is down either because of administrative disabling or a fault on the far end port or due to a cable connection or cable failure. This alarm will also be raised if the underlying transport network fails or is unreliable. Resolving the underlying instability in the transport network will correct this problem.</p>		

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Table 13-152 IOMEventOverflow

Alarm	Attributes	Applicable major releases
Name: IOMEventOverflow (5617) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.BaseCard	Severity: critical Implicitly cleared: true Default probable cause: IOMEventOverflow (2384)	<ul style="list-style-type: none"> 12.0
<p>Description: The alarm is generated when tmnxlomResStateClr, tmnxlomResExhausted and tmnxlomResHighLimitReached occur more than 200 times because of resource usage fluctuation. The IOM raises the final trap to indicate overflow and stops logging traps.</p>		
<p>Remedial action: Informational - The alarm will be cleared when the CPM polls the IOM for traps and the overflow is cleared by logging an overflow-clear on a particular card.</p>		

Table 13-153 IOMResUtilizationLimit

Alarm	Attributes	Applicable major releases
Name: IOMResUtilizationLimit (5618) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.BaseCard	Severity: major Implicitly cleared: true Default probable cause: IOMResHighLimitReached (2385) Applicable probable causes: <ul style="list-style-type: none"> IOMResHighLimitReached IOMResExhausted 	<ul style="list-style-type: none"> 12.0
<p>Description: The alarm is generated when the type of resources on IOM as specified by tmnxlomResourceType has reached the value of tmnxlomResourceLimitPct.</p>		
<p>Remedial action: Informational - The alarm will be cleared when the type of resources on IOM as specified by tmnxlomResourceType has dropped back down below the value of tmnxlomResourceLimitPct.</p>		

Table 13-154 IPSecGatewayDown

Alarm	Attributes	Applicable major releases
Name: IPSecGatewayDown (830) Type: serviceAlarm (16) Package: ipsec Raised on class: ipsec.IPSecGateway	Severity: major Implicitly cleared: true Default probable cause: gatewayDown (592)	<ul style="list-style-type: none"> 11.0 12.0

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Alarm	Attributes	Applicable major releases
Description: The alarm is raised when the Operational State of a SAP IPsec gateway changes to Down and the Administrative State is Up.		
Raising condition: (('Operational State' NOT EQUAL 'Up') AND ('Administrative State' EQUAL 'Up'))		
Clearing condition: (('Operational State' EQUAL 'Up') OR ('Administrative State' NOT EQUAL 'Up'))		
Remedial action: Fix the errors indicated in operational flag.		

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Table 13-155 IPSeclsGrpDown

Alarm	Attributes	Applicable major releases
Name: IPSeclsGrpDown (3745) Type: equipmentAlarm (3) Package: isa Raised on class: isa.IPSeclsGroup	Severity: major Implicitly cleared: true Default probable cause: IPSeclsGrpDown (1480)	<ul style="list-style-type: none"> • 11.0 • 12.0
Description: The alarm is raised when the Operational State of an ISA IPsec group is Down and the Administrative State is Up.		
Raising condition: (('administrativeState' EQUAL 'Up') AND ('operationalState' NOT EQUAL 'Up'))		
Clearing condition: (('operationalState' EQUAL 'Up') OR ('administrativeState' NOT EQUAL 'Up'))		
Remedial action: The operational state of the ISA-Tunnel Group is down, despite the administrative state being up. Check that the configured ISA-Tunnel Group Member MDA(s) are active and operationally up. There may be a fault with the ISA Application IPsec(Tunnel) Group.		

Table 13-156 IPsecTunnelBfdConnectionBroken

Alarm	Attributes	Applicable major releases
Name: IPsecTunnelBfdConnectionBroken (831) Type: serviceAlarm (16) Package: ipsec Raised on class: ipsec.IPsecTunnelBfd	Severity: minor Implicitly cleared: true Default probable cause: bfdSessionConnectionBroken (593)	<ul style="list-style-type: none"> • 11.0 • 12.0
Description: The alarm is raised when the BFD connection to a peer times out.		
Raising condition: ('Operational State' EQUAL 'Timed Out')		
Clearing condition: ('Operational State' NOT EQUAL 'Timed Out')		
Remedial action: Check if the route to the BFD peer exist and is up.		

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Table 13-157 IPSecTunnelBfdConnectionDown

Alarm	Attributes	Applicable major releases
Name: IPSecTunnelBfdConnectionDown (832) Type: serviceAlarm (16) Package: ipsec Raised on class: ipsec.IPSecTunnelBfd	Severity: minor Implicitly cleared: true Default probable cause: bfdSessionDown (346)	<ul style="list-style-type: none"> • 11.0 • 12.0
Description: The alarm is raised when the Operational State of a BFD session is Not Connected.		
Raising condition: ('Operational State' NOT EQUAL 'Operational')		
Clearing condition: ('Operational State' EQUAL 'Operational')		
Remedial action: Check if the route to the BFD peer exist and is up.		

Table 13-158 IPSecTunnelBfdConnectionPeerDetectsDown

Alarm	Attributes	Applicable major releases
Name: IPSecTunnelBfdConnectionPeerDetectsDown (833) Type: serviceAlarm (16) Package: ipsec Raised on class: ipsec.IPSecTunnelBfd	Severity: minor Implicitly cleared: true Default probable cause: bfdSessionConnectionPeerDetectsDown (594)	<ul style="list-style-type: none"> • 11.0 • 12.0
Description: The alarm is raised when a BFD peer detects a connection timeout.		
Raising condition: ('Operational State' EQUAL 'Down')		
Clearing condition: ('Operational State' NOT EQUAL 'Down')		
Remedial action: Check if the route to the BFD peer exist and is up.		

Table 13-159 IPSecTunnelDown

Alarm	Attributes	Applicable major releases
Name: IPSecTunnelDown (834) Type: serviceAlarm (16) Package: ipsec Raised on class: ipsec.IPSecTunnel	Severity: major Implicitly cleared: true Default probable cause: tunnelDown (23)	<ul style="list-style-type: none"> • 11.0 • 12.0
Description: The alarm is raised when the IPsec tunnel operational state changes to 'down' and the administrative state is 'up'.		
Raising condition: (('Operational State' NOT EQUAL 'Up') AND ('Administrative State' EQUAL 'Up'))		
Clearing condition: (('Operational State' EQUAL 'Up') OR ('Administrative State' NOT EQUAL 'Up'))		
Remedial action: Fix the errors indicated in operational flag.		

Table 13-160 IsaAaGrpDown

Alarm	Attributes	Applicable major releases
Name: IsaAaGrpDown (647) Type: equipmentAlarm (3) Package: isa Raised on class: isa.AaGroup	Severity: major Implicitly cleared: true Default probable cause: IsaAaGrpDown (482)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when an ISA-AA group Operational State is Down, and the Administrative State is Up.		
Raising condition: (('Administrative State' EQUAL 'Up') AND ('Operational State' NOT EQUAL 'Up'))		
Clearing condition: (('Operational State' EQUAL 'Up') OR ('Administrative State' NOT EQUAL 'Up'))		
Remedial action: The operational state of the ISA-AA group is down, despite the administrative state being up. Check that the configured ISA-AA Group Member MDA(s) are active and operationally up. There may be a fault with the ISA Application Assurance MDA.		

Table 13-161 IsaAaSubUnassigned

Alarm	Attributes	Applicable major releases
Name: IsaAaSubUnassigned (836) Type: equipmentAlarm (3) Package: isa Raised on class: isa.AaGroup	Severity: warning Implicitly cleared: true Default probable cause: IsaAaSubUnassigned (596)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when a subscriber cannot be assigned to an ISA-AA MDA in an AA group because of insufficient service queues, a high AA subscriber count, or a high AA subscriber statistics collection rate. The unassigned subscriber is treated as specified by the Operation Upon Failure parameter in the AA group. Recovery from this condition requires the removal and recreation of the AA subscriber when sufficient resources are available.		
Raising condition: (('Number of Unassigned ESM Subscribers' NOT EQUAL '0L') OR ('Number of Unassigned SAP Subscribers' NOT EQUAL '0L') OR ('Number of Unassigned Spoke SDP Subscribers' NOT EQUAL '0L'))		
Clearing condition: (('Number of Unassigned ESM Subscribers' EQUAL '0L') AND ('Number of Unassigned SAP Subscribers' EQUAL '0L') AND ('Number of Unassigned Spoke SDP Subscribers' EQUAL '0L'))		
Remedial action: The subscriber cannot be assigned to an ISA-AA MDA in an AA group because of insufficient service queues, a high AA subscriber count, or a high AA subscriber statistics collection rate. Remove and recreate the AA subscriber when sufficient resources are available.		

Table 13-162 IsaLnsGrpDown

Alarm	Attributes	Applicable major releases
Name: IsaLnsGrpDown (1119) Type: equipmentAlarm (3) Package: isa Raised on class: isa.LnsGroup	Severity: major Implicitly cleared: true Default probable cause: IsaLnsGrpDown (831)	<ul style="list-style-type: none"> • 11.0 • 12.0
Description: The alarm is raised when the Operational State of an ISA-LNS group is Down and the Administrative State is Up.		

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Alarm	Attributes	Applicable major releases
Raising condition: (('Administrative State' EQUAL 'Up') AND ('Operational State' NOT EQUAL 'Up'))		
Clearing condition: (('Operational State' EQUAL 'Up') OR ('Administrative State' NOT EQUAL 'Up'))		
Remedial action: This alarm is caused by administrative shutdown or equipment failure of the MDA members. Review the status of the underlying ISA MDA group members and ensure they are operational.		

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Table 13-163 IsaVideoGrpDown

Alarm	Attributes	Applicable major releases
Name: IsaVideoGrpDown (775) Type: equipmentAlarm (3) Package: isa Raised on class: isa.VideoGroup	Severity: major Implicitly cleared: true Default probable cause: IsaVideoGrpDown (550)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when the Operational State of an ISA video group is Down and the Administrative State is Up.		
Raising condition: (('Administrative State' EQUAL 'Up') AND ('Operational State' NOT EQUAL 'Up'))		
Clearing condition: (('Operational State' EQUAL 'Up') OR ('Administrative State' NOT EQUAL 'Up'))		
Remedial action: The operational state of the ISA-Video Group is down, despite the administrative state being up. Check that the configured ISA-Video Group Member MDA(s) are active and operationally up. There may be a fault with the ISA Application Video Group.		

Table 13-164 IsisAdjacencyDown

Alarm	Attributes	Applicable major releases
Name: IsisAdjacencyDown (153) Type: adjacencyAlarm (31) Package: isis Raised on class: isis.Interface	Severity: minor Implicitly cleared: true Default probable cause: IsisInterfaceDown (232)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when an IS-IS interface has no adjacencies, for example, because the IS-IS protocol on the remote site is down.		
Raising condition: (('Adjacency Count' EQUAL '0L') AND ('interfaceClass' NOT EQUAL 'System') AND ('Passive' NOT EQUAL 'True'))		
Clearing condition: (('Adjacency Count' > '0L') OR ('Passive' EQUAL 'True'))		
Remedial action: Check remote site to see if corresponding IS-IS interface is configured and admin up.		

Table 13-165 IsisDown

Alarm	Attributes	Applicable major releases
Name: IsisDown (19) Type: ProtocolAlarm (1) Package: isis Raised on class: isis.Site	Severity: critical Implicitly cleared: true Default probable cause: protocolDown (1)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when an IS-IS site has an Operational State other than Up, and the Administrative State is Up.		
Raising condition: (('Administrative State' EQUAL 'Up') AND ('Operational State' NOT EQUAL 'Up'))		
Clearing condition: (('Operational State' EQUAL 'Up') OR ('Administrative State' NOT EQUAL 'Up'))		
Remedial action: The protocol is not working anymore, could be a problem with IP addresses, resources on the device, ...		

Table 13-166 IsisInterfaceDown

Alarm	Attributes	Applicable major releases
Name: IsisInterfaceDown (301) Type: ProtocolAlarm (1) Package: isis Raised on class: isis.Interface	Severity: warning Implicitly cleared: true Default probable cause: protocolDown (1)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when an IS-IS interface has an Operational State other than Up.		
Raising condition: ('Operational State' EQUAL 'Down')		
Clearing condition: ('Operational State' NOT EQUAL 'Down')		
Remedial action: Check if underlying port is down, or associated network interface is down.		

Table 13-167 KeepAliveProblem

Alarm	Attributes	Applicable major releases
Name: KeepAliveProblem (100) Type: oamAlarm (18) Package: svt Raised on class: svt.Tunnel	Severity: warning Implicitly cleared: true Default probable cause: keepAliveFailed (86)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when the 5620 SAM detects a keep-alive protocol status of senderIdInvalid or responderIdError.		
Raising condition: (('Keep-Alive State' NOT EQUAL 'Disabled') AND ('Keep-Alive State' NOT EQUAL 'Alive') AND ('Keep-Alive State' NOT EQUAL 'Unknown'))		
Clearing condition: (('Keep-Alive State' EQUAL 'Disabled') OR ('Keep-Alive State' EQUAL 'Alive') OR ('Keep-Alive State' EQUAL 'Unknown'))		
Remedial action: Check the configuration of this tunnel and underlying physical transport.		

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Table 13-168 L2TPDown

Alarm	Attributes	Applicable major releases
Name: L2TPDown (841) Type: ProtocolAlarm (1) Package: l2tp Raised on class: l2tp.Site	Severity: critical Implicitly cleared: true Default probable cause: protocolDown (1)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when an L2TP site becomes administratively down. The alarm clears when the L2TP site becomes administratively up.		
Raising condition: ('Administrative State' EQUAL 'Down')		
Clearing condition: ('Administrative State' EQUAL 'Up')		
Remedial action: This alarm indicates that the L2TP protocol administrative state is down. It is cleared automatically when L2TP administrative state is up again. Please verify the L2TP configuration. This alarm can be safely suppressed if L2TP is not used.		

Table 13-169 LabelProblem

Alarm	Attributes	Applicable major releases
Name: LabelProblem (98) Type: CircuitAlarm (17) Package: svt Raised on class: svt.SdpBinding	Severity: critical Implicitly cleared: true Default probable cause: labelProblem (84)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when an ingress or an egress label is missing.		
Raising condition: (('Operational State' EQUAL 'No Egress Label') OR ('Operational State' EQUAL 'No Ingress Label') OR ('Operational State' EQUAL 'No Labels'))		
Clearing condition: (('Operational State' NOT EQUAL 'No Egress Label') AND ('Operational State' NOT EQUAL 'No Ingress Label') AND ('Operational State' NOT EQUAL 'No Labels'))		
Remedial action: An ingress or egress label is missing for the SDP binding.		

Table 13-170 LagDown

Alarm	Attributes	Applicable major releases
Name: LagDown (20) Type: equipmentAlarm (3) Package: lag Raised on class: lag.Interface	Severity: critical Implicitly cleared: true Default probable cause: lagDown (17)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when all ports in a LAG are operationally down.		
Raising condition: (('Administrative State' EQUAL 'Up') AND ('operationalState' NOT EQUAL 'Up'))		
Clearing condition: (('operationalState' EQUAL 'Up') OR ('Administrative State' NOT EQUAL 'Up'))		

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Alarm	Attributes	Applicable major releases
Remedial action: This alarm indicates that all physical Ethernet links associated with a LAG are operationally down. The reasons for the links to be down may vary from link to link. The following possible causes of this alarm should be investigated. The physical port (near end or far end may have failed - this can be remedied by replacing the interface card in question. The physical links may have been turned down administratively - re-enable the links. A cable failure or disconnect may have occurred - please ensure that the cables are properly connected to the physical port and and that the cable has not been damaged.		

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Table 13-171 LagPortAddFailed

Alarm	Attributes	Applicable major releases
Name: LagPortAddFailed (422) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.PhysicalPort	Severity: warning Implicitly cleared: true Default probable cause: linkDown (315)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when the Lag Port Add function Fails.		
Raising condition: (('state' EQUAL 'Link Down') AND ('LAG ID' > '0'))		
Clearing condition: (('state' NOT EQUAL 'Link Down') OR ('LAG ID' EQUAL '0'))		
Remedial action: A configuration error has occurred which must be corrected. The link that was to be added to the LAG group may be of the wrong type (i.e. non ethernet) or the limit of the number of links supported in a LAG may have been reached.		

Table 13-172 LdpDown

Alarm	Attributes	Applicable major releases
Name: LdpDown (22) Type: ProtocolAlarm (1) Package: ldp Raised on class: ldp.Site	Severity: critical Implicitly cleared: true Default probable cause: protocolDown (1)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when an LDP site has an Operational State other than Up, and the Administrative State is Up.		
Raising condition: (('Administrative State' EQUAL 'Up') AND ('Operational State' NOT EQUAL 'Up'))		
Clearing condition: (('Operational State' EQUAL 'Up') OR ('Administrative State' NOT EQUAL 'Up'))		
Remedial action: Check operational state down reason and update accordingly.		

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Table 13-173 LdpSessionNonexistent

Alarm	Attributes	Applicable major releases
Name: LdpSessionNonexistent (2954) Type: LdpSessionAlarm (101) Package: ldp Raised on class: ldp.Session	Severity: critical Implicitly cleared: true Default probable cause: LdpSessionDown (1149)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when an LDP session is non-existent.		
Raising condition: ('Session State' EQUAL 'Non-existent')		
Clearing condition: ('Session State' EQUAL 'Operational')		
Remedial action: Please check the LDP session path to make sure all associated protocols/interfaces/connections are OK.		

Table 13-174 LdpTargetedPeerDown

Alarm	Attributes	Applicable major releases
Name: LdpTargetedPeerDown (23) Type: ProtocolAlarm (1) Package: ldp Raised on class: ldp.TargetedPeer	Severity: critical Implicitly cleared: true Default probable cause: protocolDown (1)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when an LDP targeted peer is operationally down.		
Raising condition: (('administrativeState' EQUAL 'Up') AND ('operationalState' NOT EQUAL 'Up'))		
Clearing condition: (('operationalState' EQUAL 'Up') OR ('administrativeState' NOT EQUAL 'Up'))		
Remedial action: Please check the route to LDP targeted peer to make sure all associated protocols/interfaces/connections are OK.		

Table 13-175 LicensedLimitExceeded

Alarm	Attributes	Applicable major releases
Name: LicensedLimitExceeded (127) Type: licensingAlarm (23) Package: security Raised on class: security.ProductLicense	Severity: critical Implicitly cleared: true Default probable cause: licensedLimitExceeded (106)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when the license items in the network exceeds 100 percent of the license capacity.		
Raising condition: ('Exceeded' EQUAL 'true')		
Clearing condition: ('Exceeded' NOT EQUAL 'true')		
Remedial action: Informational - The number of SAM licenses purchased and available on the SAM server is insufficient as compared to the number of NEs/MDA/Cells under management in the network. Please contact Alcatel-Lucent Sales to purchase additional licenses.		

Table 13-176 LineAlarmIndicationSignal

Alarm	Attributes	Applicable major releases
Name: LineAlarmIndicationSignal (84) Type: communicationsAlarm (4) Package: sonetequipment Raised on class: sonetequipment.SonetPortMonitorSpecifics	Severity: major Implicitly cleared: true Default probable cause: lineAlarmIndicationSignal (70)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when a SONET port reports an LAIS error. The alarm corresponds to the lais alarm on an NE.		
Raising condition: (('Outstanding Alarms'anyBit'Line Alarm Indication Signal') AND ('Report Alarms'anyBit'Line Alarm Indication Signal'))		
Clearing condition: NOT (('Outstanding Alarms'anyBit'Line Alarm Indication Signal') AND ('Report Alarms'anyBit'Line Alarm Indication Signal'))		
Remedial action: Informational only.		

Table 13-177 LineErrorCondition

Alarm	Attributes	Applicable major releases
Name: LineErrorCondition (94) Type: communicationsAlarm (4) Package: sonetequipment Raised on class: sonetequipment.SonetPortMonitorSpecifics	Severity: major Implicitly cleared: true Default probable cause: lineErrorCondition (80)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when a SONET port reports a line error condition that a remote NE raises because of b1 errors received from the local NE. The alarm corresponds to the lrei alarm on an NE.		
Raising condition: (('Outstanding Alarms'anyBit'Line Error Condition') AND ('Report Alarms'anyBit'Line Error Condition'))		
Clearing condition: NOT (('Outstanding Alarms'anyBit'Line Error Condition') AND ('Report Alarms'anyBit'Line Error Condition'))		
Remedial action: Check the SONET port is configured correctly and that the physical layer cabling is operating correctly. Call customer support if necessary.		

Table 13-178 LineRemoteDefectIndication

Alarm	Attributes	Applicable major releases
Name: LineRemoteDefectIndication (85) Type: communicationsAlarm (4) Package: sonetequipment Raised on class: sonetequipment.SonetPortMonitorSpecifics	Severity: major Implicitly cleared: true Default probable cause: lineRemoteDefectIndication (71)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when a SONET port reports a line remote defect indication error caused by an LOF, LOC, or LOS condition. The alarm corresponds to the lrdi alarm on an NE.		

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Alarm	Attributes	Applicable major releases
Raising condition: (('Outstanding Alarms'anyBit'Line Remote Defect Indication') AND ('Report Alarms'anyBit'Line Remote Defect Indication'))		
Clearing condition: NOT (('Outstanding Alarms'anyBit'Line Remote Defect Indication') AND ('Report Alarms'anyBit'Line Remote Defect Indication'))		
Remedial action: Informational only.		

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Table 13-179 LinkDown (equipment)

Alarm	Attributes	Applicable major releases
Name: LinkDown (12) Type: communicationsAlarm (4) Package: equipment Raised on class: equipment.Equipment	Severity: major Implicitly cleared: true Default probable cause: portLinkProblem (10)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when a port has no associated physical link or remote end point is operationally down.		
Raising condition: (('compositeEquipmentState' EQUAL 'Link Down') OR ('compositeEquipmentState' EQUAL 'Oper Down'))		
Clearing condition: (('compositeEquipmentState' NOT EQUAL 'Link Down') AND ('compositeEquipmentState' NOT EQUAL 'Oper Down'))		
Remedial action: Please make sure that port has physical link and remote end point is operationally up.		

Table 13-180 LocalRncvOperDown

Alarm	Attributes	Applicable major releases
Name: LocalRncvOperDown (521) Type: redundancyAlarm (52) Package: multichassis Raised on class: multichassis.MultiChassisRingNode	Severity: major Implicitly cleared: true Default probable cause: localRncvDisconnected (396)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when the local RNCV Operational State of a ring node is other than Connected or NotTested, which means that the ring node is not connected to the local MC ring group. The alarm clears when the ring node enters the Connected or NotTested state.		
Raising condition: (('Local Operational State' NOT EQUAL 'Connected') AND ('Local Operational State' NOT EQUAL 'Not Tested'))		
Clearing condition: (('Local Operational State' EQUAL 'Connected') OR ('Local Operational State' EQUAL 'Not Tested'))		
Remedial action: Make sure that ring node is properly connected to MC ring group.		

Table 13-181 LossOfClock (sonetequipment)

Alarm	Attributes	Applicable major releases
Name: LossOfClock (83) Type: communicationsAlarm (4) Package: sonetequipment Raised on class: sonetequipment.SonetPortMonitorSpecifics	Severity: major Implicitly cleared: true Default probable cause: lossOfClock (69)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when a SONET port reports an LOC condition, which causes the NE to set the port Operational State to Down.		
Raising condition: (('Outstanding Alarms'anyBit'Loss of Clock') AND ('Report Alarms'anyBit'Loss of Clock'))		
Clearing condition: NOT (('Outstanding Alarms'anyBit'Loss of Clock') AND ('Report Alarms'anyBit'Loss of Clock'))		
Remedial action: One of the following conditions exists on the referenced physical interface which must be corrected. A cable/fiber fault exists which must be corrected - check to ensure that the cable is not faulty and is properly connected.		

Table 13-182 LowTemperatureDetected

Alarm	Attributes	Applicable major releases
Name: LowTemperatureDetected (1127) Type: environmentalAlarm (2) Package: equipment Raised on class: equipment.Shelf	Severity: major Implicitly cleared: true Default probable cause: equipmentOvercooled (838)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when the chassis temperature falls below the minimum threshold.		
Raising condition: ('Low Temperature State' EQUAL 'Low')		
Clearing condition: ('Low Temperature State' NOT EQUAL 'Low')		
Remedial action: The NE has detected internal temperatures which are abnormally low. This may happen when the environment that the NE is operating in may not be within specifications found in the NE user guides.		

Table 13-183 LowTemperatureThresholdCrossed

Alarm	Attributes	Applicable major releases
Name: LowTemperatureThresholdCrossed (1128) Type: environmentalAlarm (2) Package: equipment Raised on class: equipment.Environment	Severity: major Implicitly cleared: true Default probable cause: equipmentOvercooled (838)	<ul style="list-style-type: none"> • 11.0 • 12.0
Description: The alarm is raised when a low-temperature threshold is crossed.		
Raising condition: ('lowTemperatureThresholdCrossed' EQUAL 'true')		
Clearing condition: ('lowTemperatureThresholdCrossed' EQUAL 'false')		

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Alarm	Attributes	Applicable major releases
Remedial action: The NE has detected internal temperatures which are abnormally high. This could be caused by a failed fan unit or one or more dirty fan filters. Replacing the failed unit or filters should resolve the problem. Alternately the environment that the NE is operating in may not be within specifications found in the NE user guides.		

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Table 13-184 LspDown

Alarm	Attributes	Applicable major releases
Name: LspDown (25) Type: pathAlarm (12) Package: mpls Raised on class: mpls.Lsp	Severity: critical Implicitly cleared: true Default probable cause: LspDown (19)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when the Operational State of an LSP is Down, but the Administrative State is Up.		
Raising condition: (('administrativeState' EQUAL 'Up') AND ('operationalState' NOT EQUAL 'Up'))		
Clearing condition: (('operationalState' EQUAL 'Up') OR ('administrativeState' NOT EQUAL 'Up'))		
Remedial action: So many things can cause LSP down, check if source and destination interfaces are down, LSP path is down and the failure code, or MPLS path is down...		

Table 13-185 LspPathBypassTunnelActive

Alarm	Attributes	Applicable major releases
Name: LspPathBypassTunnelActive (264) Type: pathAlarm (12) Package: mpls Raised on class: mpls.LspPath	Severity: warning Implicitly cleared: true Default probable cause: LspPathReroutedToBypassTunnel (197)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when an LSP primary path is rerouted to the bypass tunnel. The alarm clears when the primary path returns to the original tunnel and the actual hop returns to the primary path.		
Raising condition: ('Bypass Tunnel Active' EQUAL 'true')		
Clearing condition: ('Bypass Tunnel Active' EQUAL 'false')		
Remedial action: There is a problem with the original path, check what is the problem and fix it if possible.		

Table 13-186 LspPathDown

Alarm	Attributes	Applicable major releases
Name: LspPathDown (26) Type: pathAlarm (12) Package: mpls Raised on class: mpls.LspPath	Severity: major Implicitly cleared: true Default probable cause: LspPathDown (20)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when an LSP path is operationally down.		
Raising condition: (('Administrative' EQUAL 'Up') AND ('Operational' NOT EQUAL 'Up') AND ('Type' EQUAL 'Standby'))		
Clearing condition: (('Operational' EQUAL 'Up') OR ('Administrative' NOT EQUAL 'Up') OR ('Type' EQUAL 'Secondary'))		
Remedial action: Check the failure code and update accordingly, e.g. whether MPLS/RSVP interfaces, OSPF interfaces are down.		

Table 13-187 LSRPATHDown

Alarm	Attributes	Applicable major releases
Name: LSRPATHDown (4898) Type: pathAlarm (12) Package: mplstp Raised on class: mplstp.TPLSRPath	Severity: critical Implicitly cleared: true Default probable cause: LSRPATHDown (1955)	<ul style="list-style-type: none"> • 11.0 • 12.0
Description: The alarm is raised when the TP LSR Path Administrative State is Up and the Operational State is Down. The alarm clears when the TP LSR Path Operational State changes to Up or the Administrative State changes to Down.		
Raising condition: (('Administrative' EQUAL 'Up') AND ('Operational' NOT EQUAL 'Up'))		
Clearing condition: (('Operational' EQUAL 'Up') OR ('Administrative' NOT EQUAL 'Up'))		
Remedial action: The Operational state of the TP LSR Path is down, despite the Administrative state being up. Review the configuration and make sure that the Administrative state is up, the forward and reverse labels are set and the Out-Link interface is operationally up.		

Table 13-188 macMoveRateExceeded (service)

Alarm	Attributes	Applicable major releases
Name: macMoveRateExceeded (3690) Type: accessInterfaceAlarm (40) Package: service Raised on class: service.AccessInterface	Severity: minor Implicitly cleared: true Default probable cause: MacMoveRateExceeded (1429)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when the SAP exceeds the MAC Move Frequency of the service site.		
Raising condition: ('State Cause'anyBit'Relearn Limit Exceeded')		
Clearing condition: NOT (('State Cause'anyBit'Relearn Limit Exceeded'))		
Remedial action: Informational.		

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Table 13-189 macMoveRateExceeded (svt)

Alarm	Attributes	Applicable major releases
Name: macMoveRateExceeded (3690) Type: SpokeSdpBindingAlarm (104) Package: svt Raised on class: svt.SpokeSdpBinding	Severity: minor Implicitly cleared: true Default probable cause: MacMoveRateExceeded (1429)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when the SDP exceeds the Service Site's MAC Move Frequency.		
Raising condition: ('operationalFlags'anyBit'Relearn Limit Exceeded')		
Clearing condition: NOT (('operationalFlags'anyBit'Relearn Limit Exceeded'))		
Remedial action: Check Service Site MAC move frequency or underlying physical link to understand issue.		

Table 13-190 macMoveRateExceededNonBlock (service)

Alarm	Attributes	Applicable major releases
Name: macMoveRateExceededNonBlock (4893) Type: accessInterfaceAlarm (40) Package: service Raised on class: service.AccessInterface	Severity: info Implicitly cleared: true Default probable cause: MacMoveRateExceededNonBlock (1951)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when the SAP exceeds the MAC Move Frequency of the service site when limitMacMove(sapTIsLimitMacMove) is set to 'nonBlocking'.		
Raising condition: ('State Cause'anyBit'Relearn Limit Exceeded')		
Clearing condition: NOT (('State Cause'anyBit'Relearn Limit Exceeded'))		
Remedial action: Informational - User can adjust the value of 'MAC Move Maximum Rate' to reduce the frequency of this alarm.		

Table 13-191 macMoveRateExceededNonBlock (svt)

Alarm	Attributes	Applicable major releases
Name: macMoveRateExceededNonBlock (4893) Type: SpokeSdpBindingAlarm (104) Package: svt Raised on class: svt.SpokeSdpBinding	Severity: info Implicitly cleared: true Default probable cause: MacMoveRateExceededNonBlock (1951)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when the SDP exceeds the Service Site's MAC Move Frequency even when limitMacMove(sdpBindTIsLimitMacMove) is set to 'nonBlocking'.		
Raising condition: ('operationalFlags'anyBit'Relearn Limit Exceeded')		
Clearing condition: NOT (('operationalFlags'anyBit'Relearn Limit Exceeded'))		
Remedial action: Informational - User can adjust the value of 'MAC Move Maximum Rate' to reduce the frequency of this alarm.		

Table 13-192 McIPsecPeerTunnelGroupMissing

Alarm	Attributes	Applicable major releases
Name: McIPsecPeerTunnelGroupMissing (4815) Type: configurationAlarm (11) Package: multichassis Raised on class: multichassis.McPeerIPSecTunnelGroup	Severity: major Implicitly cleared: true Default probable cause: IncompleteConfig (557)	<ul style="list-style-type: none"> • 11.0 • 12.0
Description: The alarm is raised when the 5620 SAM cannot find the peer MC IPsec tunnel group. This can be either the peer tunnel group is misconfigured or the local peer group ID is not configured.		
Raising condition: ('peerTunnelGroupPointer' EQUAL '\')		
Clearing condition: ('peerTunnelGroupPointer' NOT EQUAL '\')		
Remedial action: Configure the missing peered MC IPsec tunnel group or check the local tunnel group's peer group ID has been configured, or delete this one if it is not used.		

Table 13-193 McIPsecTunnelGroupDown

Alarm	Attributes	Applicable major releases
Name: McIPsecTunnelGroupDown (4816) Type: redundancyAlarm (52) Package: multichassis Raised on class: multichassis.McPeerIPSecTunnelGroup	Severity: major Implicitly cleared: true Default probable cause: ipsecTunnelGroupDown (1901)	<ul style="list-style-type: none"> • 11.0 • 12.0
Description: The alarm is raised when a MC IPsec tunnel group is operationally down while it is administratively up.		
Raising condition: (('Operational State' NOT EQUAL 'Up') AND ('Administrative State' EQUAL 'Up'))		
Clearing condition: (('Operational State' EQUAL 'Up') OR ('Administrative State' NOT EQUAL 'Up'))		
Remedial action: Check if the physical ISA IPsec Tunnel Group or the associated MDA is operationally down.		

Table 13-194 MCLagDown (lag)

Alarm	Attributes	Applicable major releases
Name: MCLagDown (394) Type: equipmentAlarm (3) Package: lag Raised on class: lag.MultiChassisLagSpecifics	Severity: critical Implicitly cleared: true Default probable cause: mclagDown (295)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when all ports in an MC LAG are operationally down.		
Raising condition: (('administrativeState' EQUAL 'Up') AND ('operationalState' NOT EQUAL 'Up'))		
Clearing condition: (('operationalState' EQUAL 'Up') OR ('administrativeState' NOT EQUAL 'Up'))		

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Alarm	Attributes	Applicable major releases
<p>Remedial action: This alarm indicates that all physical Ethernet links associated with a LAG are operationally down. The reasons for the links to be down may vary from link to link. The following possible causes of this alarm should be investigated. The physical port (near end or far end may have failed - this can be remedied by replacing the interface card in question. The physical links may have been turned down administratively - re-enable the links. A cable failure or disconnect may have occurred - please ensure that the cables are properly connected to the physical port and and that the cable has not been damaged.</p>		

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Table 13-195 MCLagDown (multichassis)

Alarm	Attributes	Applicable major releases
<p>Name: MCLagDown (394) Type: equipmentAlarm (3) Package: multichassis Raised on class: multichassis.MultiChassisLagPeerSpecifics</p>	<p>Severity: critical Implicitly cleared: true Default probable cause: mCLagDown (295)</p>	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
<p>Description: The alarm is raised when all ports in an MC LAG are operationally Down.</p>		
<p>Raising condition: (('Administrative State' EQUAL 'Up') AND ('Operational State' NOT EQUAL 'Up'))</p>		
<p>Clearing condition: (('Operational State' EQUAL 'Up') OR ('Administrative State' NOT EQUAL 'Up'))</p>		
<p>Remedial action: This alarm indicates that all physical Ethernet links associated with a LAG are operationally down. The reasons for the links to be down may vary from link to link. The following possible causes of this alarm should be investigated. The physical port (near end or far end may have failed - this can be remedied by replacing the interface card in question. The physical links may have been turned down administratively - re-enable the links. A cable failure or disconnect may have occurred - please ensure that the cables are properly connected to the physical port and and that the cable has not been damaged.</p>		

Table 13-196 MCPeerEPDown

Alarm	Attributes	Applicable major releases
<p>Name: MCPeerEPDown (1069) Type: equipmentAlarm (3) Package: multichassis Raised on class: multichassis.MultiChassisEndpoint</p>	<p>Severity: critical Implicitly cleared: true Default probable cause: MCPeerEPDown (811)</p>	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
<p>Description: The alarm is raised when an MC endpoint is operationally down.</p>		
<p>Raising condition: (('Operational State' NOT EQUAL 'Up') AND ('Administrative State' EQUAL 'Up'))</p>		
<p>Clearing condition: (('Operational State' EQUAL 'Up') OR ('Administrative State' NOT EQUAL 'Up'))</p>		
<p>Remedial action: Bring up the all End Point Members.</p>		

Table 13-197 MepAISReceivedAlarm

Alarm	Attributes	Applicable major releases
Name: MepAISReceivedAlarm (2945) Type: oamAlarm (18) Package: ethernetToam Raised on class: ethernetToam.Mep	Severity: variable Implicitly cleared: true Default probable cause: missingRemoteMep (388)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when a MEP receives AIS test frames from one or more of its sub-layer MEPs.		
Raising condition: (('AIS Received (AisRx)' EQUAL 'true') AND ('Facility VLAN ID' EQUAL '0'))		
Clearing condition: ('AIS Received (AisRx)' EQUAL 'false')		
Remedial action: This alarm indicates that it has received a MEP fault from a sub-layer MEP, user should investigate the fault cause on the sub-layer MEP and resolve this root cause issue.		

Table 13-198 MigrationCompleted

Alarm	Attributes	Applicable major releases
Name: MigrationCompleted (753) Type: migrationComplete (62) Package: equipment Raised on class: equipment.NeCardSwapTask	Severity: info Implicitly cleared: false Default probable cause: migrationComplete (529)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when a card migration event completes.		
Raising condition: ('Status' EQUAL 'Migration completed')		
Remedial action: Informational - no corrective action required.		

Table 13-199 MigrationFailed

Alarm	Attributes	Applicable major releases
Name: MigrationFailed (754) Type: migrationFailure (63) Package: equipment Raised on class: equipment.NeCardSwapTask	Severity: major Implicitly cleared: false Default probable cause: migrationFailure (530)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when a card migration event fails.		
Raising condition: (('Status' EQUAL 'Failed - Latest configuration not available') OR ('Status' EQUAL 'Failed - Unable to migrate configuration') OR ('Status' EQUAL 'Failed - Unable to transfer migrated configuration') OR ('Status' EQUAL 'Failed - Unable to reboot network element'))		
Remedial action: This alarm is raised when a card migration fails. The operation has failed for one of the following reasons - a configuration backup could not be created, the configuration transfer failed or the attempt to reboot the card failed. Please re-attempt the migration. If the problem persists please contact Alcatel-Lucent support for assistance.		

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Table 13-200 MissingLocalEntry

Alarm	Attributes	Applicable major releases
Name: MissingLocalEntry (291) Type: configurationAlarm (11) Package: l2fwd Raised on class: l2fwd.ServiceMacProtection	Severity: minor Implicitly cleared: true Default probable cause: Protected_Mac_Address_Not_Global (222)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when a protected MAC address is not configured on all sites of a VPLS. This can occur if the protected MAC address is added or removed using a CLI.		
Raising condition: ('isEntryGlobal' EQUAL 'false')		
Clearing condition: ('isEntryGlobal' EQUAL 'true')		
Remedial action: Configure the 'Protected MAC Address' on all the VPLS sites.		

Table 13-201 MldDown

Alarm	Attributes	Applicable major releases
Name: MldDown (587) Type: ProtocolAlarm (1) Package: mld Raised on class: mld.Site	Severity: critical Implicitly cleared: true Default probable cause: protocolDown (1)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when an MLD site has an Operational State other than Up, and the Administrative State is Up.		
Raising condition: (('Administrative State' EQUAL 'Up') AND ('Operational State' NOT EQUAL 'Up'))		
Clearing condition: (('Operational State' EQUAL 'Up') OR ('Administrative State' NOT EQUAL 'Up'))		
Remedial action: Check the base router and system are configured correctly.		

Table 13-202 MldMaxGrpSrcsLimitExceeded

Alarm	Attributes	Applicable major releases
Name: MldMaxGrpSrcsLimitExceeded (5395) Type: configurationAlarm (11) Package: mld Raised on class: mld.Interface	Severity: major Implicitly cleared: false Default probable cause: MldMaxGrpSrcsLimitExceeded (2110)	<ul style="list-style-type: none"> • 11.0 • 12.0
Description: The alarm is raised when an attempt is made to configure an MLD group source for a group when the number of group sources for this group is equal to 'maxGrpSources', the maximum number of group sources per group supported on the interface.		
Remedial action: Increase the value of the 'Maximum Number of Group Sources' attribute in the parent MLD interface so that the number of active MLD group sources stays under the configured threshold.		

Table 13-203 MldMaxSrcsLimitExceeded

Alarm	Attributes	Applicable major releases
Name: MldMaxSrcsLimitExceeded (5396) Type: configurationAlarm (11) Package: mld Raised on class: mld.Interface	Severity: major Implicitly cleared: false Default probable cause: MldMaxSrcsLimitExceeded (2111)	<ul style="list-style-type: none"> 12.0
Description: The alarm is raised when an attempt is made to configure an MLD source for a group when the number of sources for this group is equal to 'maxSources', the Maximum Number of Sources per group supported on the interface.		
Remedial action: Increase 'Maximum Number Of Sources' value to allow more sources on this interface.		

Table 13-204 MobileConnectorDown

Alarm	Attributes	Applicable major releases
Name: MobileConnectorDown (1064) Type: EpcAlarm (59) Package: Iteservice Raised on class: Iteservice.MobileServiceConnector	Severity: minor Implicitly cleared: true Default probable cause: EpcDown (519)	<ul style="list-style-type: none"> 10.0 11.0 12.0 9.0
Description: The alarm is raised when the 5620 SAM no longer manages the EPS path instance of this mobile service site. As a result, the service must be regenerated.		
Raising condition: ('EPS Path' EQUAL '\')		
Clearing condition: ('EPS Path' NOT EQUAL '\')		
Remedial action: The underlying transport network has gone down resulting in the deletion of a mobile service connector (EPS path). Correct the issue with the transport network and regenerate the mobile service connector by clicking on the re-calculate button on the mobile service properties form.		

Table 13-205 MplsDown

Alarm	Attributes	Applicable major releases
Name: MplsDown (27) Type: ProtocolAlarm (1) Package: mpls Raised on class: mpls.Site	Severity: critical Implicitly cleared: true Default probable cause: protocolDown (1)	<ul style="list-style-type: none"> 10.0 11.0 12.0 9.0
Description: The alarm is raised when an MPLS site has an Operational State other than Up, and the Administrative State is Up.		
Raising condition: (('Administrative State' EQUAL 'Up') AND ('Operational State' NOT EQUAL 'Up'))		
Clearing condition: (('Operational State' EQUAL 'Up') OR ('Administrative State' NOT EQUAL 'Up'))		
Remedial action: Check operational down reason and update accordingly.		

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Table 13-206 MplsPathUpdateFailed

Alarm	Attributes	Applicable major releases
Name: MplsPathUpdateFailed (1066) Type: pathAlarm (12) Package: mpls Raised on class: mpls.LspPath	Severity: major Implicitly cleared: true Default probable cause: mbbRetryExceeded (804) Applicable probable causes: <ul style="list-style-type: none"> • mbbRetryExceeded • lspPathGoingDown • startingHighPriMbb • restartingMbb • highPriMbbInProg 	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when an MPLS path update fails because of an MBB problem. The alarm clears when the MBB status changes to Successful.		
Raising condition: (('mbbStatus' NOT EQUAL 'None') AND ('mbbStatus' NOT EQUAL 'Successful'))		
Clearing condition: (('Last Performed State' EQUAL 'Success') OR ('Administrative' EQUAL 'Down') OR (('Operational' EQUAL 'Up') AND ('Last Performed State' EQUAL 'None'))		
Remedial action: Based on the probable cause, change the parameters and update the path again.		

Table 13-207 MrpAttrTblSizeLimitReached

Alarm	Attributes	Applicable major releases
Name: MrpAttrTblSizeLimitReached (574) Type: resourceAlarm (28) Package: l2fwd Raised on class: l2fwd.SiteMrp	Severity: major Implicitly cleared: true Default probable cause: resourceLimitReached (131)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when the number of MRP attribute table entries for a service site exceeds the high watermark specified by l2fwd.SiteMrp.mrpAttrTblHighWatermark. The alarm clears when the number of MRP attribute table entries for the site drops below the low watermark specified by l2fwd.SiteMrp.mrpAttrTblLowWatermark.		
Raising condition: (('MRP Attribute Count' >= 'MRP Max Attributes') OR ('MRP Attribute Count' >= (('MRP Attribute-Table-High-Watermark' * 'MRP Max Attributes') / 100.0)))		
Clearing condition: (('MRP Attribute Count' < 'MRP Max Attributes') AND (('MRP Attribute-Table-High-Watermark' EQUAL '0') OR ('MRP Attribute Count' < (('MRP Attribute-Table-Low-Watermark' * 'MRP Max Attributes') / 100.0))) AND (('MRP Attribute-Table-Low-Watermark' EQUAL '0') OR ('MRP Attribute Count' < (('MRP Attribute-Table-Low-Watermark' * 'MRP Max Attributes') / 100.0)))		
Remedial action: Informational		

Table 13-208 MsdpDown

Alarm	Attributes	Applicable major releases
Name: MsdpDown (353) Type: ProtocolAlarm (1) Package: msdp Raised on class: msdp.Site	Severity: critical Implicitly cleared: true Default probable cause: protocolDown (1)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when an MSDP site is administratively down. The alarm clears when the site is administratively up.		
Raising condition: (('Administrative State' EQUAL 'Down'))		
Clearing condition: (('Administrative State' NOT EQUAL 'Down'))		
Remedial action: Turn up the MSDP site.		

Table 13-209 MsPwFecRetryExpired

Alarm	Attributes	Applicable major releases
Name: MsPwFecRetryExpired (3694) Type: serviceAlarm (16) Package: svt Raised on class: svt.SpokeSdpFec	Severity: minor Implicitly cleared: true Default probable cause: msPwFecRetryExpired (1433)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when a trap is received because of retry expired. The alarm is cleared when the retry starts again.		
Raising condition: ('Retry Expired' EQUAL 'true')		
Clearing condition: ('Retry Expired' EQUAL 'false')		
Remedial action: May need to shutdown the multi-segment pseudo-wire provider edge to restart the retries.		

Table 13-210 MultiChassisRingDown

Alarm	Attributes	Applicable major releases
Name: MultiChassisRingDown (520) Type: redundancyAlarm (52) Package: multichassis Raised on class: multichassis.MultiChassisRing	Severity: major Implicitly cleared: true Default probable cause: ringDown (395)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when a MC ring group Operational State is not in the Connected state. The alarm is cleared when the ring group enters the Connected state.		
Raising condition: ('Operational State' NOT EQUAL 'Connected')		
Clearing condition: ('Operational State' EQUAL 'Connected')		
Remedial action: Check if MC ring is admin down, MC Sync is operational up, In-Band Control Connection is up, ring node is up ...		

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Table 13-211 MvrConfiguredFromVplsNotExist

Alarm	Attributes	Applicable major releases
Name: MvrConfiguredFromVplsNotExist (219) Type: configurationAlarm (11) Package: vpls Raised on classes: <ul style="list-style-type: none"> vpls.L2AccessInterfaceMldMvrCfg vpls.L2AccessInterfaceMvrCfg 	Severity: warning Implicitly cleared: true Default probable cause: MvrConfiguredFromVplsNotExist (164)	<ul style="list-style-type: none"> 10.0 11.0 12.0 9.0
Description: The alarm is raised when an MVR source is an MVR VPLS that does not exist. The alarm clears when the MVR VPLS is created.		
Raising condition: ('fromVplsExists' EQUAL 'false')		
Clearing condition: (('fromVplsExists' EQUAL 'true') OR ('fromVplsId' EQUAL '0L'))		
Remedial action: Create the missing MVR VPLS.		

Table 13-212 MvrConfiguredProxySapNotExist

Alarm	Attributes	Applicable major releases
Name: MvrConfiguredProxySapNotExist (220) Type: configurationAlarm (11) Package: vpls Raised on classes: <ul style="list-style-type: none"> vpls.L2AccessInterfaceMldMvrCfg vpls.L2AccessInterfaceMvrCfg 	Severity: warning Implicitly cleared: true Default probable cause: MvrConfiguredProxySapNotExist (165)	<ul style="list-style-type: none"> 10.0 11.0 12.0 9.0
Description: The alarm is raised when a configured MVR proxy SAP does not exist. The alarm clears when the proxy SAP is created.		
Raising condition: ('proxySapExists' EQUAL 'false')		
Clearing condition: ('proxySapExists' EQUAL 'true')		
Remedial action: Create the missing proxy SAP.		

Table 13-213 MvrSiteDown

Alarm	Attributes	Applicable major releases
Name: MvrSiteDown (162) Type: ProtocolAlarm (1) Package: layer2 Raised on class: layer2.MvrSite	Severity: warning Implicitly cleared: true Default probable cause: protocolDown (1)	<ul style="list-style-type: none"> 10.0 11.0 12.0 9.0
Description: The alarm is raised when MVR is disabled on an NE and a TLS VLAN or MVR VLAN service is provisioned on the NE.		
Raising condition: ('MVR Admin Status' EQUAL 'Disabled')		
Clearing condition: ('MVR Admin Status' EQUAL 'Enabled')		

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Alarm	Attributes	Applicable major releases
Remedial action: To clear the alarm, enable MVR Admin Status under the Bridge Instance.		

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Table 13-214 NatDeterministicChange

Alarm	Attributes	Applicable major releases
Name: NatDeterministicChange (5122) Type: configurationAlarm (11) Package: netw Raised on class: netw.NetworkElement	Severity: minor Implicitly cleared: false Default probable cause: NatDeterministicMapChanged (2056)	<ul style="list-style-type: none"> • 11.0 • 12.0
Description: The alarm is raised when something changed in the Deterministic NAT map. Such a change may be caused by a modification of the Deterministic NAT Prefix or the Deterministic NAT Map.		
Remedial action: Managers that rely on the offline representation of the Deterministic NAT map should get an updated copy by saving the Deterministic NAT script.		

Table 13-215 NatIsaGrpDegraded

Alarm	Attributes	Applicable major releases
Name: NatIsaGrpDegraded (8059) Type: equipmentAlarm (3) Package: nat Raised on class: nat.NatIsaGroup	Severity: major Implicitly cleared: true Default probable cause: NatIsaGrpDegraded (2460)	<ul style="list-style-type: none"> • 11.0 • 12.0
Description: The alarm is raised when the NAT ISA group is degraded, while operationally still in service.		
Raising condition: (('Degraded State' EQUAL 'True') AND ('Operational State' EQUAL 'Up'))		
Clearing condition: (('Operational State' NOT EQUAL 'Up') OR ('Degraded State' NOT EQUAL 'True'))		
Remedial action: The ISA-NAT Group is degraded. Check that the configured ISA-NAT Group Member MDA(s) are active and operationally up. There may be a fault with the ISA Application NAT Group.		

Table 13-216 NatIsaGrpDown

Alarm	Attributes	Applicable major releases
Name: NatIsaGrpDown (3887) Type: equipmentAlarm (3) Package: nat Raised on class: nat.NatIsaGroup	Severity: major Implicitly cleared: true Default probable cause: NatIsaGrpDown (1483)	<ul style="list-style-type: none"> • 11.0 • 12.0
Description: The alarm is raised when the Operational State of an NAT ISA group is Down and the Administrative State is Up.		
Raising condition: (('Administrative State' EQUAL 'Up') AND ('Operational State' NOT EQUAL 'Up'))		

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Alarm	Attributes	Applicable major releases
Clearing condition: (('Operational State' EQUAL 'Up') OR ('Administrative State' NOT EQUAL 'Up'))		
Remedial action: The operational state of the ISA-NAT Group is down, despite the administrative state being up. Check that the configured ISA-NAT Group Member MDA(s) are active and operationally up. There may be a fault with the ISA Application NAT Group.		

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Table 13-217 NatLsnSubscriberIcmpPortUsageHigh

Alarm	Attributes	Applicable major releases
Name: NatLsnSubscriberIcmpPortUsageHigh (4860) Type: thresholdCrossed (6) Package: nat Raised on class: nat.NatManager	Severity: minor Implicitly cleared: true Default probable cause: resourceFull (53)	<ul style="list-style-type: none"> 11.0
Description: The alarm is raised when the ICMP port usage of a large-scale NAT subscriber reaches the high or low watermark.		
Remedial action: Review the watermarks configuration to make sure it matches the capacity of your network. If required, deploy extra equipment to deal with the demand.		

Table 13-218 NatLsnSubscriberIcmpPortUsghigh

Alarm	Attributes	Applicable major releases
Name: NatLsnSubscriberIcmpPortUsghigh (5397) Type: thresholdCrossed (6) Package: nat Raised on class: nat.NatManager	Severity: warning Implicitly cleared: true Default probable cause: resourceFull (53)	<ul style="list-style-type: none"> 12.0
Description: The alarm is raised when the ICMP port usage of a large-scale NAT subscriber reaches the high or low watermark.		
Remedial action: Review the watermarks configuration to make sure it matches the capacity of your network. If required, deploy extra equipment to deal with the demand.		

Table 13-219 NatLsnSubscriberSessionUsageHigh

Alarm	Attributes	Applicable major releases
Name: NatLsnSubscriberSessionUsageHigh (4861) Type: thresholdCrossed (6) Package: nat Raised on class: nat.NatManager	Severity: minor Implicitly cleared: true Default probable cause: resourceFull (53)	<ul style="list-style-type: none"> 11.0
Description: The alarm is raised when the session usage of a large-scale NAT subscriber reaches the high watermark. The alarm will be cleared when the session usage of a large-scale NAT subscriber reaches its low watermark again.		
Remedial action: Review the watermarks configuration to make sure it matches the capacity of your network.		

Table 13-220 NatLsnSubscriberSessionUsgHigh

Alarm	Attributes	Applicable major releases
Name: NatLsnSubscriberSessionUsgHigh (5398) Type: thresholdCrossed (6) Package: nat Raised on class: nat.NatManager	Severity: warning Implicitly cleared: true Default probable cause: resourceFull (53)	<ul style="list-style-type: none"> 12.0
Description: The alarm is raised when the session usage of a large-scale NAT subscriber reaches the high watermark. The alarm will be cleared when the session usage of a large-scale NAT subscriber reaches its low watermark again.		
Remedial action: Review the watermarks configuration to make sure it matches the capacity of your network.		

Table 13-221 NatLsnSubscriberTcpPortUsageHigh

Alarm	Attributes	Applicable major releases
Name: NatLsnSubscriberTcpPortUsageHigh (4862) Type: thresholdCrossed (6) Package: nat Raised on class: nat.NatManager	Severity: minor Implicitly cleared: true Default probable cause: resourceFull (53)	<ul style="list-style-type: none"> 11.0
Description: The alarm is raised when the TCP port usage of a large-scale NAT subscriber reaches the high or low watermark.		
Remedial action: Review the watermarks configuration to make sure it matches the capacity of your network. If required, deploy extra equipment to deal with the demand.		

Table 13-222 NatLsnSubscriberTcpPortUsgHigh

Alarm	Attributes	Applicable major releases
Name: NatLsnSubscriberTcpPortUsgHigh (5399) Type: thresholdCrossed (6) Package: nat Raised on class: nat.NatManager	Severity: warning Implicitly cleared: true Default probable cause: resourceFull (53)	<ul style="list-style-type: none"> 12.0
Description: The alarm is raised when the TCP port usage of a large-scale NAT subscriber reaches the high or low watermark.		
Remedial action: Review the watermarks configuration to make sure it matches the capacity of your network. If required, deploy extra equipment to deal with the demand.		

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Table 13-223 NatLsnSubscriberUdpPortUsageHigh

Alarm	Attributes	Applicable major releases
Name: NatLsnSubscriberUdpPortUsageHigh (4863) Type: thresholdCrossed (6) Package: nat Raised on class: nat.NatManager	Severity: minor Implicitly cleared: true Default probable cause: resourceFull (53)	<ul style="list-style-type: none"> 11.0
Description: The alarm is raised when the UDP port usage of a large-scale NAT subscriber reaches the high or low watermark.		
Remedial action: Review the watermarks configuration to make sure it matches the capacity of your network. If required, deploy extra equipment to deal with the demand.		

Table 13-224 NatLsnSubscriberUdpPortUsgHigh

Alarm	Attributes	Applicable major releases
Name: NatLsnSubscriberUdpPortUsgHigh (5400) Type: thresholdCrossed (6) Package: nat Raised on class: nat.NatManager	Severity: warning Implicitly cleared: true Default probable cause: resourceFull (53)	<ul style="list-style-type: none"> 12.0
Description: The alarm is raised when the UDP port usage of a large-scale NAT subscriber reaches the high or low watermark.		
Remedial action: Review the watermarks configuration to make sure it matches the capacity of your network. If required, deploy extra equipment to deal with the demand.		

Table 13-225 NatMdaDetectsLoadSharingError

Alarm	Attributes	Applicable major releases
Name: NatMdaDetectsLoadSharingError (5120) Type: configurationAlarm (11) Package: nat Raised on class: nat.IsaMda	Severity: minor Implicitly cleared: false Default probable cause: NatMdaLoadSharingErrorDetected (2055)	<ul style="list-style-type: none"> 11.0 12.0
Description: The alarm is raised when node is sending periodically at most every 10 seconds while a NAT ISA MDA detects that it is receiving packets erroneously, due to incorrect load-balancing by the ingress IOM. The MDA drops all incorrectly load-balanced traffic.		
Remedial action: The ingress IOM hardware does not support a particular NAT function's load-balancing, for example an IOM-2 does not support deterministic NAT. Upgrade the ingress IOM, or change the configuration.		

Table 13-226 NatPcpSrvStateDown

Alarm	Attributes	Applicable major releases
Name: NatPcpSrvStateDown (4382) Type: communicationsAlarm (4) Package: nat Raised on class: nat.PcpServer	Severity: major Implicitly cleared: true Default probable cause: NatPcpSrvStateDown (1566)	<ul style="list-style-type: none"> • 11.0 • 12.0
Description: The alarm is raised when the Operational State of an NAT PCP Server Changes		
Raising condition: (('Operational State' NOT EQUAL 'Up') AND ('Administrative State' EQUAL 'Up'))		
Clearing condition: (('Operational State' EQUAL 'Up') OR ('Administrative State' NOT EQUAL 'Up'))		
Remedial action: This alarm indicates the PCP Server Operational State is Down. Please check the State Description on the PCP server for detail information		

Table 13-227 NeighborDown

Alarm	Attributes	Applicable major releases
Name: NeighborDown (121) Type: NeighborDown (20) Package: ospf Raised on class: ospf.AbstractNeighbor	Severity: major Implicitly cleared: true Default probable cause: NeighborDown (103)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when an OSPF interface neighbor is operationally Down.		
Raising condition: ('Operational State' NOT EQUAL 'full')		
Clearing condition: ('Operational State' EQUAL 'full')		
Remedial action: This alarm is raised when the OSPF interface neighbor is operationally down. The situation may occur if the underlying physical interface is down either because of administrative disabling or a fault on the far end port or due to a cable connection or cable failure. This alarm will also be raised if the underlying transport network fails or is unreliable. Resolving the underlying instability in the transport network will correct this problem.		

Table 13-228 NeManagementAndTrapManagementMismatch

Alarm	Attributes	Applicable major releases
Name: NeManagementAndTrapManagementMismatch (1079) Type: communicationsAlarm (4) Package: netw Raised on class: netw.NetworkElement	Severity: warning Implicitly cleared: true Default probable cause: neManagementChange (817)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: This user-defined alarm is raised when the NE configuration is one of the following: - The Active Management IP is set to Out Of Band, and the Primary Route Preference is set to In Band. - The Active Management IP is set to In Band, and the Primary Route Preference is set to Out of Band.		

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Alarm	Attributes	Applicable major releases
Raising condition: (((('Active Management IP' EQUAL 'In Band') AND (('Management IP Selection' EQUAL 'In Band Preferred') OR ('Management IP Selection' EQUAL 'In Band Only'))) AND ('Primary Route Preference' EQUAL 'Out Of Band') AND ('Secondary Route Preference' EQUAL 'In Band')) OR (('Active Management IP' EQUAL 'Out Of Band') AND (('Management IP Selection' EQUAL 'Out Of Band Preferred') OR ('Management IP Selection' EQUAL 'Out Of Band Only'))) AND ('Primary Route Preference' EQUAL 'In Band') AND ('Secondary Route Preference' EQUAL 'Out Of Band'))		
Clearing condition: (((('Active Management IP' EQUAL 'In Band') AND (('Management IP Selection' EQUAL 'In Band Preferred') OR ('Management IP Selection' EQUAL 'In Band Only'))) AND ('Primary Route Preference' EQUAL 'In Band')) OR (('Active Management IP' EQUAL 'Out Of Band') AND (('Management IP Selection' EQUAL 'Out Of Band Preferred') OR ('Management IP Selection' EQUAL 'Out Of Band Only'))) AND ('Primary Route Preference' EQUAL 'Out Of Band'))		
Remedial action: A configuration error has been made which must be corrected. The parameters described in the description for this alarm must match.		

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Table 13-229 NewSsh2ServerKeyDetected

Alarm	Attributes	Applicable major releases
Name: NewSsh2ServerKeyDetected (285) Type: communicationsAlarm (4) Package: security Raised on class: security.KnownHostKey	Severity: warning Implicitly cleared: true Default probable cause: ssh2ServerKeyMismatch (217)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when a 5620 SAM main server detects a new public SSH key.		
Raising condition: ('SSH2 Server Key Status' EQUAL 'Mismatch SSH2 Host Key')		
Clearing condition: ('SSH2 Server Key Status' EQUAL 'Active SSH2 Host Key')		
Remedial action: Informational - possible security breach. The SSH key of the router is different from the one known to the SAM server.		

Table 13-230 NodeDatabaseFallbackDetected

Alarm	Attributes	Applicable major releases
Name: NodeDatabaseFallbackDetected (2923) Type: communicationsAlarm (4) Package: netw Raised on class: netw.NetworkElement	Severity: major Implicitly cleared: true Default probable cause: nodeDatabaseFallback (1121)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when a configuration fallback is detected on the node and comes back up with a previous configuration. To correct this situation it might be necessary to reconfigure the node, or perform full resync its database with the 'fallback' configuration returned by the node.		
Raising condition: ('State' EQUAL 'Node Configuration Fallback')		
Clearing condition: ('State' EQUAL 'Managed')		
Remedial action: the NE has come back to a previous configuration. Perform a manual Full Resync or a Reconfigure of the NE		

Table 13-231 NodeDatabaseMisalignmentDetected

Alarm	Attributes	Applicable major releases
Name: NodeDatabaseMisalignmentDetected (2924) Type: communicationsAlarm (4) Package: netw Raised on class: netw.NetworkElement	Severity: major Implicitly cleared: true Default probable cause: nodeDatabaseMisalignment (1122)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when a configuration misalignment has been detected on the node and comes back up with an unexpected configuration (configuration change triggered by external tool) To correct this situation it might be necessary to reconfigure the node with the 5620 SAM's old configuration or accept the new configuration received from the node.		
Raising condition: ('State' EQUAL 'Node Configuration Misalignment')		
Clearing condition: ('State' EQUAL 'Managed')		
Remedial action: the NE configuration is misaligned. Perform a resync in order to update SAM configuration according to the NE.		

Table 13-232 NodeRebooted

Alarm	Attributes	Applicable major releases
Name: NodeRebooted (32) Type: equipmentAlarm (3) Package: netw Raised on class: netw.NetworkElement	Severity: warning Implicitly cleared: false Default probable cause: nodeReboot (25)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when the 5620 SAM detects an NE reboot based on the latest NE sysUpTime value.		
Remedial action: Informational - if the alarm persists please contact Alcatel-Lucent support for assistance		

Table 13-233 NodeSuspended

Alarm	Attributes	Applicable major releases
Name: NodeSuspended (5123) Type: communicationsAlarm (4) Package: netw Raised on class: netw.NetworkElement	Severity: critical Implicitly cleared: true Default probable cause: NodeSuspend (2057)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when the 5620 SAM detects an NE moved to suspend state as per user request.		
Raising condition: ('SNMP Reachability' EQUAL 'Suspended')		
Clearing condition: ('SNMP Reachability' NOT EQUAL 'Suspended')		
Remedial action: This alarm is raised when user suspends the network element. The alarm will be cleared when the network element is managed back.		

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Table 13-234 NoPeerMcRingFound

Alarm	Attributes	Applicable major releases
Name: NoPeerMcRingFound (782) Type: configurationAlarm (11) Package: multichassis Raised on class: multichassis.MultiChassisRing	Severity: major Implicitly cleared: true Default probable cause: IncompleteConfig (557)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when the 5620 SAM cannot find the peer MC ring.		
Raising condition: ('Peer Multi-Chassis Ring' EQUAL '\')		
Clearing condition: ('Peer Multi-Chassis Ring' NOT EQUAL '\')		
Remedial action: Configure the missing peered MC ring, or delete this one if it is not used.		

Table 13-235 NTPOperDown

Alarm	Attributes	Applicable major releases
Name: NTPOperDown (4879) Type: communicationsAlarm (4) Package: ntp Raised on class: ntp.NTP	Severity: info Implicitly cleared: true Default probable cause: NTPOperDown (1943)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is generated when the NTP Operational State is down for NTP.		
Raising condition: (('Operational State' EQUAL 'Down') AND ('NTP State' EQUAL 'Enabled'))		
Clearing condition: (('Operational State' EQUAL 'Up') OR ('NTP State' EQUAL 'Disabled'))		
Remedial action: Please check if NTP is administratively enabled (Admin State in NTP General Tab). If admin state down, enable it to make NTP operationally up.		

Table 13-236 ObsoleteProtocolInFilter

Alarm	Attributes	Applicable major releases
Name: ObsoleteProtocolInFilter (3706) Type: ConfigurationAlarm (15) Package: aapolicy Raised on class: aapolicy.ApplicationFilter	Severity: warning Implicitly cleared: false Default probable cause: obsoleteProtocolInFilter (1446)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0
Description: The alarm is raised when a local application filter refers to an obsolete application assurance protocol.		
Remedial action: Change the application filter configuration to use a protocol that is not Obsolete.		

Table 13-237 OFFlowEntryDeploymentCreateFailed

Alarm	Attributes	Applicable major releases
Name: OFFlowEntryDeploymentCreateFailed (5405) Type: processingErrorAlarm (81) Package: openflow Raised on class: openflow.OFAbstractFlowEntry	Severity: major Implicitly cleared: true Default probable cause: OFFlowEntryDeploymentCreateFailed (2113)	<ul style="list-style-type: none"> 12.0
Description: The notification alarm is raised when the flow entry deployment create has failed.		
Raising condition: (('Deployment Status' EQUAL 'Creation Failed'))		
Clearing condition: (('Deployment Status' NOT EQUAL 'Creation Failed'))		
Remedial action: This alarm is raised when the OpenFlow switch rejects creation of the flow.		

Table 13-238 OFFlowEntryDeploymentDeleteFailed

Alarm	Attributes	Applicable major releases
Name: OFFlowEntryDeploymentDeleteFailed (5406) Type: processingErrorAlarm (81) Package: openflow Raised on class: openflow.OFAbstractFlowEntry	Severity: major Implicitly cleared: true Default probable cause: OFFlowEntryDeploymentDeleteFailed (2114)	<ul style="list-style-type: none"> 12.0
Description: The notification alarm is raised when the flow entry deployment create has failed.		
Raising condition: (('Deployment Status' EQUAL 'Deletion Failed'))		
Clearing condition: (('Deployment Status' NOT EQUAL 'Deletion Failed'))		
Remedial action: This alarm is raised when the OpenFlow switch rejects deletion of the flow.		

Table 13-239 OFLogicalPortStatusMplsTpNotSet

Alarm	Attributes	Applicable major releases
Name: OFLogicalPortStatusMplsTpNotSet (5407) Type: equipmentAlarm (3) Package: openflow Raised on class: openflow.OFSwitch	Severity: major Implicitly cleared: true Default probable cause: OFLogicalPortStatusMplsTpNotSet (2115)	<ul style="list-style-type: none"> 12.0
Description: The alarm is raised when the MPLS-TP flag is not set in the Logical Port Status.		
Raising condition: (('Logical Port Status' EQUAL '0L') OR ('Logical Port Status' EQUAL 'rsvp-te'))		
Clearing condition: (('Logical Port Status' NOT EQUAL '0L') AND ('Logical Port Status' NOT EQUAL 'rsvp-te'))		
Remedial action: When MPLS-TP is not set, OpenFlow port status will not be received by SAM.		

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Table 13-240 OFLogicalPortStatusRsvpTeNotSet

Alarm	Attributes	Applicable major releases
Name: OFLogicalPortStatusRsvpTeNotSet (5408) Type: equipmentAlarm (3) Package: openflow Raised on class: openflow.OFSwitch	Severity: major Implicitly cleared: true Default probable cause: OFLogicalPortStatusRsvpTeNotSet (2116)	<ul style="list-style-type: none"> 12.0
Description: The alarm is raised when the RSVP-TE flag is not set in the Logical Port Status.		
Raising condition: (('Logical Port Status' EQUAL '0L') OR ('Logical Port Status' EQUAL 'mpls-tp'))		
Clearing condition: (('Logical Port Status' NOT EQUAL '0L') AND ('Logical Port Status' NOT EQUAL 'mpls-tp'))		
Remedial action: When RSVP-TE is not set, OpenFlow port status will not be received by SAM.		

Table 13-241 OFSwitchDown

Alarm	Attributes	Applicable major releases
Name: OFSwitchDown (5409) Type: equipmentAlarm (3) Package: openflow Raised on class: openflow.OFSwitch	Severity: major Implicitly cleared: true Default probable cause: OFSwitchDown (2117)	<ul style="list-style-type: none"> 12.0
Description: The alarm is raised when the Operational State of an OFSwitch is Down and the Administrative State is Up.		
Raising condition: (('Operational State' NOT EQUAL 'Up') AND ('Administrative State' EQUAL 'Up'))		
Clearing condition: (('Operational State' EQUAL 'Up') OR ('Administrative State' NOT EQUAL 'Up'))		
Remedial action: This alarm is raised when the OpenFlow switch has gone down.		

Table 13-242 OrphanNodeDetected

Alarm	Attributes	Applicable major releases
Name: OrphanNodeDetected (4866) Type: discoveryControlAlarm (33) Package: netw Raised on class: netw.AdvertisedNode	Severity: major Implicitly cleared: true Default probable cause: nodeNotMangedByAnyEms (1934)	<ul style="list-style-type: none"> 10.0 11.0 12.0 9.0
Description: The alarm is raised when node is node managed by any EMS after n retries(threshold crossed) it is manually cleared by the operator or when the node is discovered.		
Raising condition: ('State' EQUAL 'Orphan')		
Remedial action: The NE is not managed by any SAM.Add an discovery rule in order to managed it.		

Table 13-243 OspfInterfaceDown

Alarm	Attributes	Applicable major releases
Name: OspfInterfaceDown (141) Type: OspfInterfaceDown (24) Package: ospf Raised on class: ospf.Interface	Severity: warning Implicitly cleared: true Default probable cause: OspfInterfaceDown (112)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when an OSPF interface is operationally down.		
Raising condition: ('operationalState' EQUAL 'Down')		
Clearing condition: ('operationalState' NOT EQUAL 'Down')		
Remedial action: This alarm is raised when the OSPF interface is operationally down. The situation may occur if the underlying physical interface is down either because of administrative disabling or a fault on the far end port or due to a cable connection or cable failure. This alarm will also be raised if the underlying transport network fails or is unreliable. Resolving the underlying instability in the transport network will correct this problem.		

Table 13-244 OverTemperatureDetected

Alarm	Attributes	Applicable major releases
Name: OverTemperatureDetected (388) Type: environmentalAlarm (2) Package: equipment Raised on class: equipment.Shelf	Severity: major Implicitly cleared: true Default probable cause: equipmentOverheated (5)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when the chassis temperature exceeds the maximum threshold value.		
Raising condition: ('Over Temperature State' EQUAL 'Over')		
Clearing condition: ('Over Temperature State' NOT EQUAL 'Over')		
Remedial action: The NE has detected internal temperatures which are abnormally high. This could be caused by a failed fan unit or one or more dirty fan filters. Replacing the failed unit or filters should resolve the problem. Alternately the environment that the NE is operating in may not be within specifications found in the NE user guides.		

Table 13-245 P2MPLSPDown

Alarm	Attributes	Applicable major releases
Name: P2MPLSPDown (4378) Type: pathAlarm (12) Package: mpls Raised on class: mpls.P2MPDynamicLsp	Severity: critical Implicitly cleared: true Default probable cause: P2MPLSPDown (1563)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when the P2MP LSP Administrative State is Up and the Operational State is Down. The alarm clears when the P2MP LSP Operational State changes to Up or the Administrative State changes to Down.		
Raising condition: (('Administrative' EQUAL 'Up') AND ('Operational' NOT EQUAL 'Up'))		
Clearing condition: (('Operational' EQUAL 'Up') OR ('Administrative' NOT EQUAL 'Up'))		

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Alarm	Attributes	Applicable major releases
<p>Remedial action: The operational state of the P2MP LSP is down, despite the administrative state being up. Review the P2MP Primary Instance or S2LPath to make sure it was configured correctly and Administrative state is up. The physical port near end or far end may have failed - this can be remedied by replacing the interface card in question. The physical links may have been turned down administratively - re-enable the links. A cable failure or disconnect may have occurred - please ensure that the cables are properly connected to the physical port and and that the cable has not been damaged.</p>		

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Table 13-246 PartialResyncProblem

Alarm	Attributes	Applicable major releases
Name: PartialResyncProblem (4401) Type: communicationsAlarm (4) Package: netw Raised on class: netw.NetworkElement	Severity: warning Implicitly cleared: true Default probable cause: partialResyncProblem (1578)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
<p>Description: The alarm is raised when a partial resync on an NE fails. For example, when resyncing only some MIB entries as opposed to a full resync. The periodic reachability test (sysUpTime) is not considered a partial resync, neither is a full resync. However, a PartialResyncProblem alarm can only be reset by a FullResync.</p>		
<p>Raising condition: ('partialResyncStatus' EQUAL 'Partial Resync Failed')</p>		
<p>Clearing condition: ('partialResyncStatus' EQUAL 'Partial Resync Done')</p>		
<p>Remedial action: Informational - if the alarm persists or is occurring frequently then investigation is required to understand a) why the underlying transport network is unreliable or b) why the NE is too busy to respond to 5620 SAM or c) has SNMP been disabled on the NE.</p>		

Table 13-247 PeerConnectionDown (bgp)

Alarm	Attributes	Applicable major releases
Name: PeerConnectionDown (2) Type: ProtocolAlarm (1) Package: bgp Raised on class: bgp.Peer	Severity: critical Implicitly cleared: true Default probable cause: connectionDown (2)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
<p>Description: The alarm is raised when a BGP peer has a Connection State other than Established, and the Administrative State of the BGP peer is Up.</p>		
<p>Raising condition: (('Connection State' NOT EQUAL 'Established') AND ('Administrative State' EQUAL 'Up'))</p>		
<p>Clearing condition: (('Connection State' EQUAL 'Established') OR ('Administrative State' NOT EQUAL 'Up'))</p>		
<p>Remedial action: A mismatch in configuration may have occurred. Check the configuration of both peers to rule out a mismatched configuration.</p>		

Table 13-248 PeerConnectionDown (msdp)

Alarm	Attributes	Applicable major releases
Name: PeerConnectionDown (2) Type: ProtocolAlarm (1) Package: msdp Raised on class: msdp.CommonPeer	Severity: critical Implicitly cleared: true Default probable cause: connectionDown (2)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when the connectionState of this peer changes from Established to a state other than Established. The alarm clears when the connectionState of this peer returns to the Established state.		
Raising condition: (('connectionState' NOT EQUAL 'Established') AND ('administrativeState' EQUAL 'Up'))		
Clearing condition: (('connectionState' EQUAL 'Established') OR ('administrativeState' NOT EQUAL 'Up'))		
Remedial action: Check the configurations of the peer routers.		

Table 13-249 PeerDown (bgp)

Alarm	Attributes	Applicable major releases
Name: PeerDown (1) Type: ProtocolAlarm (1) Package: bgp Raised on class: bgp.Peer	Severity: critical Implicitly cleared: true Default probable cause: protocolDown (1)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when a BGP peer has an Operational State other than Up, and the Administrative State is Up.		
Raising condition: (('Administrative State' EQUAL 'Up') AND ('Operational State' NOT EQUAL 'Up'))		
Clearing condition: (('Operational State' EQUAL 'Up') OR ('Administrative State' NOT EQUAL 'Up'))		
Remedial action: The BGP peer entity is down - administratively disable the BGP peer and re-enable it. If toggling the administrative state does not solve the problem check that the physical interface and network connection to the far end peer are up and operational. If the problem persists please contact Alcatel-Lucent support for assistance.		

Table 13-250 PeerDown (msdp)

Alarm	Attributes	Applicable major releases
Name: PeerDown (1) Type: ProtocolAlarm (1) Package: msdp Raised on class: msdp.CommonPeer	Severity: critical Implicitly cleared: true Default probable cause: protocolDown (1)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when the Administrative State of a peer changes from Up to Down. The alarm clears when the Administrative State returns to Up.		
Raising condition: (('administrativeState' EQUAL 'Down'))		
Clearing condition: (('administrativeState' NOT EQUAL 'Down'))		
Remedial action: Turn up the Peer.		

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Table 13-251 PeerGroupDown (bgp)

Alarm	Attributes	Applicable major releases
Name: PeerGroupDown (5) Type: ProtocolAlarm (1) Package: bgp Raised on class: bgp.PeerGroup	Severity: critical Implicitly cleared: true Default probable cause: protocolDown (1)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when a BGP peer group has an Operational State other than Up, and the Administrative State is Up.		
Raising condition: (('Administrative State' EQUAL 'Up') AND ('Operational State' NOT EQUAL 'Up'))		
Clearing condition: (('Operational State' EQUAL 'Up') OR ('Administrative State' NOT EQUAL 'Up'))		
Remedial action: The BGP peer group is down - administratively disable the BGP peer group and re-enable it. If the problem persists please contact Alcatel-Lucent support for assistance.		

Table 13-252 PeerGroupDown (msdp)

Alarm	Attributes	Applicable major releases
Name: PeerGroupDown (5) Type: ProtocolAlarm (1) Package: msdp Raised on class: msdp.PeerGroup	Severity: critical Implicitly cleared: true Default probable cause: protocolDown (1)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when the Administrative State of a peer group changes from Up to Down. The alarm clears when the Administrative State returns to Up.		
Raising condition: (('Administrative State' EQUAL 'Down'))		
Clearing condition: (('Administrative State' NOT EQUAL 'Down'))		
Remedial action: Turn up the Group.		

Table 13-253 PeerLacIngressEgressFault

Alarm	Attributes	Applicable major releases
Name: PeerLacIngressEgressFault (2929) Type: PeerLacAlarm (98) Package: svt Raised on class: svt.SpokeSdpBinding	Severity: minor Implicitly cleared: true Default probable cause: peerPWStatusBitsChanged (1123)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when the Peer Status is Peer LAC Rx Fault and Peer LAC Tx Fault		
Raising condition: (('Peer State Cause'anyBit'Peer LAC Tx Fault') AND ('Peer State Cause'anyBit'Peer LAC Rx Fault'))		
Clearing condition: NOT (((('Peer State Cause'anyBit'Peer LAC Tx Fault') AND ('Peer State Cause'anyBit'Peer LAC Rx Fault'))		
Remedial action: One of the following conditions exists on the referenced physical interface which must be corrected. A cable/fiber fault exists which must be corrected - check to ensure that the cable is not faulty and is properly connected. The port is faulty - run diagnostics on the port to determine the nature of the fault. If the problem cannot be resolved swap the card containing the port with a card which is known be functional.		

Table 13-254 PersistentIndexParametersMisconfigured

Alarm	Attributes	Applicable major releases
Name: PersistentIndexParametersMisconfigured (173) Type: configurationAlarm (11) Package: netw Raised on class: netw.NetworkElement	Severity: major Implicitly cleared: true Default probable cause: persistentIndexConfigurationMismatch (136)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when persistence is set to Off in the NE BOF.		
Raising condition: (('Persistent SNMP Indices' EQUAL 'False') OR (('hasRedundantProcessorCards' EQUAL 'true') AND ('Redundant Synchronization Mode' EQUAL 'None')))		
Clearing condition: (('Persistent SNMP Indices' EQUAL 'True') AND (('hasRedundantProcessorCards' EQUAL 'false') OR ('Redundant Synchronization Mode' NOT EQUAL 'None')))		
Remedial action: A configuration error has occurred that must be corrected. Use the CLI on the NE to enable persistency in the BOF. The discovery process will complete on the next discovery scan. A re-scan can be triggered immediately for the NE from within the discovery manager		

Table 13-255 PimDown

Alarm	Attributes	Applicable major releases
Name: PimDown (184) Type: ProtocolAlarm (1) Package: pim Raised on class: pim.Site	Severity: critical Implicitly cleared: true Default probable cause: protocolDown (1)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when a PIM site is administratively Up but operationally Down. The alarm is cleared when the PIM site becomes operationally Up but administratively Down.		
Raising condition: (('Administrative State' EQUAL 'Up') AND ('Operational State' NOT EQUAL 'Up'))		
Clearing condition: (('Operational State' EQUAL 'Up') OR ('Administrative State' NOT EQUAL 'Up'))		
Remedial action: This should never happen. Contact Alcatel-Lucent Customer Support for assistance.		

Table 13-256 PollerProblem

Alarm	Attributes	Applicable major releases
Name: PollerProblem (31) Type: communicationsAlarm (4) Package: netw Raised on class: netw.NetworkElement	Severity: warning Implicitly cleared: true Default probable cause: resyncFailed (24)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when the 5620 SAM is unable to poll a network object, for example, because of intermittent or no IP connectivity to an NE, incorrect SNMP security parameters, or disabled SNMP on the NE.		
Raising condition: ('Resync Status' EQUAL 'Full Resync Failed')		

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Alarm	Attributes	Applicable major releases
Clearing condition: ('Resync Status' EQUAL 'Full Resync Done')		
Remedial action: Informational - if the alarm persists or is occurring frequently then investigation is required to understand a) why the underlying transport network is unreliable or b) why the NE is too busy to respond to 5620 SAM or c) has SNMP been disabled on the NE. Once the issue has been resolved SAM will automatically re-attempt.		

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Table 13-257 PoolDepleted

Alarm	Attributes	Applicable major releases
Name: PoolDepleted (3950) Type: configurationAlarm (11) Package: dhcp Raised on class: dhcp.AddressPool	Severity: major Implicitly cleared: false Default probable cause: actualFreeAddrDepleted (1529)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: This alarm is generated when the actual number of free addresses in the DHCP Server Address pool becomes zero.		
Remedial action: This alarm is generated when the actual number of free addresses in a pool becomes zero. Please increase the pool address range or create another address pool.		

Table 13-258 PortEtherSymMonSDAlarm

Alarm	Attributes	Applicable major releases
Name: PortEtherSymMonSDAlarm (5662) Type: communicationsAlarm (4) Package: ethernetequipment Raised on class: ethernetequipment.EthernetPortSpecifics	Severity: major Implicitly cleared: true Default probable cause: etherPortSymMonSDThresholdExceededAlarm (2439)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when an Ethernet port Symbol Monitor Failure alarm condition is detected (Signal Degradation Threshold exceeded).		
Raising condition: ('Symbol Alarm Reason' EQUAL 'SD Threshold Exceeded')		
Clearing condition: ('Symbol Alarm Reason' NOT EQUAL 'SD Threshold Exceeded')		
Remedial action: Symbol monitor signal degradation alarm could be cleared by changing/disabling the associated threshold/multiplier values or it is self clearing and will clear once the error rate drops below 1/10th of the configured rate.		

Table 13-259 PortEtherSymMonSFAlarm

Alarm	Attributes	Applicable major releases
Name: PortEtherSymMonSFAlarm (5663) Type: communicationsAlarm (4) Package: ethernetequipment Raised on class: ethernetequipment.EthernetPortSpecifics	Severity: major Implicitly cleared: true Default probable cause: etherPortSymMonSFThresholdExceededAlarm (2440)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when an Ethernet port Symbol Monitor Failure alarm condition is detected (Signal Failure Threshold exceeded).		
Raising condition: ('Symbol Alarm Reason' EQUAL 'SF Threshold Exceeded')		
Clearing condition: ('Symbol Alarm Reason' NOT EQUAL 'SF Threshold Exceeded')		
Remedial action: Symbol monitor signal failure alarm could be cleared by changing/disabling the associated threshold/multiplier values or by taking the port out of service (eg. shutdown, card/mda reset, physical link loss).		

Table 13-260 PowerSupplyFailure

Alarm	Attributes	Applicable major releases
Name: PowerSupplyFailure (633) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.PowerSupplyTray	Severity: critical Implicitly cleared: true Default probable cause: powerSupplyFailure (117)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when a power-supply tray reports a failure. When the alarm is raised during device discovery, a power-supply tray may be out of service. When the alarm is raised while the device is in the managed state, a power-supply tray may be out of service or the AC power shelf has a fault condition. The alarm clears when the status changes to OK.		
Raising condition: (('Power Supply 1 Status' EQUAL 'Not Equipped') OR ('Power Supply 1 Status' EQUAL 'Failed'))		
Clearing condition: (('Power Supply 1 Status' EQUAL 'OK'))		
Remedial action: Ensure that the NE is properly connected to power. If the problem persists please contact Alcatel-Lucent support for assistance.		

Table 13-261 PowerSupplyInputFeedDown

Alarm	Attributes	Applicable major releases
Name: PowerSupplyInputFeedDown (5422) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.PowerSupplyTray	Severity: minor Implicitly cleared: true Default probable cause: powerSupplyInputFeedDown (2073)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: This alarm is generated if any one of the input feeds for a given power supply is not supplying power.		
Raising condition: (('inputFeedStatus' EQUAL 'Input A Down') OR ('inputFeedStatus' EQUAL 'Input B Down') OR (('inputFeedStatus'allBits'Input A Down') AND ('inputFeedStatus'allBits'Input B Down'))		

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Alarm	Attributes	Applicable major releases
Clearing condition: ('inputFeedStatus' EQUAL 'None')		
Remedial action: Restore all of the input feeds that are not supplying power.		

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Table 13-262 PowerSupplyRemoved

Alarm	Attributes	Applicable major releases
Name: PowerSupplyRemoved (542) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.PowerSupplyTray	Severity: major Implicitly cleared: true Default probable cause: PowerSupplyRemoved (415)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when a chassis power supply is removed.		
Raising condition: ('Power Supply 1 Status' EQUAL 'Not Equipped')		
Clearing condition: ('Power Supply 1 Status' NOT EQUAL 'Not Equipped')		
Remedial action: To recover from this event, the customer is requested to add a new power supply to the system, or change a faulty power supply with a working one.		

Table 13-263 PppLoopbackDetected

Alarm	Attributes	Applicable major releases
Name: PppLoopbackDetected (362) Type: configurationAlarm (11) Package: ppp Raised on class: ppp.Interface	Severity: major Implicitly cleared: true Default probable cause: PppLoopbackDetected (259)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when the value of tmnxPppLocalMagicNumber is the same as the value of tmnxPppRemoteMagicNumber, which indicates that the link may be looped back.		
Raising condition: (('Local Magic Number' EQUAL 'Remote Magic Number') AND ('Local Magic Number' NOT EQUAL '0L'))		
Clearing condition: (('Local Magic Number' NOT EQUAL 'Remote Magic Number') OR ('Local Magic Number' EQUAL '0L'))		
Remedial action: Informational.		

Table 13-264 PrimaryImageBootFailure

Alarm	Attributes	Applicable major releases
Name: PrimaryImageBootFailure (191) Type: configurationAlarm (11) Package: sw Raised on class: sw.CardSoftware	Severity: warning Implicitly cleared: true Default probable cause: bootOptionFileMisconfigured (150)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when the primary software image specified in an NE BOF is unusable.		
Raising condition: (('imageSource' NOT EQUAL 'Primary') AND ('imageSource' NOT EQUAL 'Unknown'))		
Clearing condition: (('imageSource' EQUAL 'Primary') OR ('imageSource' EQUAL 'Unknown'))		
Remedial action: The SW image on the NE may have been inadvertently corrupted. Download a new copy of the SW image to the NE. If the problem persists contact Alcatel-Lucent support for assistance.		

Table 13-265 PrimaryPathLimitReached

Alarm	Attributes	Applicable major releases
Name: PrimaryPathLimitReached (457) Type: resourceAlarm (28) Package: equipment Raised on class: equipment.DaughterCard	Severity: warning Implicitly cleared: true Default probable cause: resourceLimitReached (131)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when the Ingress Multicast Path Management primary path bandwidth limit is reached.		
Raising condition: (('Primary Path Limit Override' > '0') AND ('Primary Path In use' >= (1000 * 'Primary Path Limit Override'))"		
Clearing condition: (('Primary Path Limit Override' > '0') AND ('Primary Path In use' < (1000 * 'Primary Path Limit Override'))"		
Remedial action: Informational - The alarm is raised when the Ingress Multicast Path Management primary path bandwidth limit is reached. This can be remedied by modifying the primary path limit located at T1 Paths tab of the multicast bandwidth policy which assigned to the card, or increase the primary path limit override located at the Daughter Card tab under Daughter Card Slot form.		

Table 13-266 PTPClockNoMasterAlarm

Alarm	Attributes	Applicable major releases
Name: PTPClockNoMasterAlarm (3604) Type: communicationsAlarm (4) Package: ptp Raised on class: ptp.IEEEPTPClock	Severity: major Implicitly cleared: true Default probable cause: PTPClockNoMaster (1393)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when Precision Timing Protocol (PTP) clock does not support PTP timing master.		
Remedial action: Informational- Please verify master clock configuration for timing.		

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Table 13-267 PTPNotQualified

Alarm	Attributes	Applicable major releases
Name: PTPNotQualified (3611) Type: communicationsAlarm (4) Package: sonet Raised on class: sonet.SiteSync	Severity: minor Implicitly cleared: true Default probable cause: PTPNotQualified (1400)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when PTP on an NE is not in the Qualified state.		
Raising condition: (('Qualified For Use' EQUAL 'Not Qualified'))		
Clearing condition: (('Qualified For Use' NOT EQUAL 'Not Qualified'))		
Remedial action: Check the communication path is up between the local PTP slave clock and its selected master		

Table 13-268 PTPPeerLossOfAnnounce

Alarm	Attributes	Applicable major releases
Name: PTPPeerLossOfAnnounce (3608) Type: communicationsAlarm (4) Package: ptp Raised on class: ptp.IEEEPTPPeer	Severity: minor Implicitly cleared: true Default probable cause: PTPPeerLossOfAnnounce (1397)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when the PTP peer is in the 'Packet Timing Signal Fail (Loss Announce)' state. This indicates that the PTP announce messages are not received from the remote master.		
Raising condition: (('Master GM Alarms'anyBit'Loss of Announce'))		
Clearing condition: NOT (('Master GM Alarms'anyBit'Loss of Announce'))		
Remedial action: Please check if Configured Peer IP address is reachable (ping <Peer Ip>) from the this SR node and PTP configuration is proper.		

Table 13-269 PTPPeerLossOfSync

Alarm	Attributes	Applicable major releases
Name: PTPPeerLossOfSync (3609) Type: communicationsAlarm (4) Package: ptp Raised on class: ptp.IEEEPTPPeer	Severity: minor Implicitly cleared: true Default probable cause: PTPPeerLossOfSync (1398)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when the PTP peer is in the 'Packet Timing Signal Fail (Loss Sync)' state. This indicates that the PTP timing messages are not received from the remote master.		
Raising condition: (('Master GM Alarms'anyBit'Loss of Sync'))		
Clearing condition: NOT (('Master GM Alarms'anyBit'Loss of Sync'))		
Remedial action: Please check if Configured Peer IP address is reachable (ping <Peer Ip>) from the this SR node and PTP configuration is proper.		

Table 13-270 PTPReferenceLossOfSignal

Alarm	Attributes	Applicable major releases
Name: PTPReferenceLossOfSignal (3613) Type: communicationsAlarm (4) Package: sonet Raised on class: sonet.SiteSync	Severity: minor Implicitly cleared: true Default probable cause: PTPReferenceLossOfSignal (1402)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when the PTP reference on an NE is not qualified due to Loss of Signal.		
Raising condition: (('Not Qualified Due To'anyBit'LOS'))		
Clearing condition: NOT (('Not Qualified Due To'anyBit'LOS'))		
Remedial action: Check the communication path is up between the local PTP slave clock and its selected master		

Table 13-271 PTPReferenceOutOfFrequency

Alarm	Attributes	Applicable major releases
Name: PTPReferenceOutOfFrequency (3614) Type: communicationsAlarm (4) Package: sonet Raised on class: sonet.SiteSync	Severity: minor Implicitly cleared: true Default probable cause: PTPReferenceOutOfFrequency (1403)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when the PTP Reference on an NE is not qualified due to Out of frequency.		
Raising condition: (('Not Qualified Due To'anyBit'OOF'))		
Clearing condition: NOT (('Not Qualified Due To'anyBit'OOF'))		
Remedial action: Make sure that frequency configured for Reference One is correct.		

Table 13-272 PTPReferenceOutOfPollInRange

Alarm	Attributes	Applicable major releases
Name: PTPReferenceOutOfPollInRange (3615) Type: communicationsAlarm (4) Package: sonet Raised on class: sonet.SiteSync	Severity: minor Implicitly cleared: true Default probable cause: PTPReferenceOutOfPollInRange (1404)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when the PTP Reference on an NE is not qualified state due to Out of poll in range.		
Raising condition: (('Not Qualified Due To'anyBit'OOPIR'))		
Clearing condition: NOT (('Not Qualified Due To'anyBit'OOPIR'))		
Remedial action: If there is packet flow, the PTP slave clock is in it's initial acquiring states where the sync-if-timing reference does not qualify just wait.		

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Table 13-273 RadiusOperStatusDown

Alarm	Attributes	Applicable major releases
Name: RadiusOperStatusDown (3692) Type: radiusOperStatusDownAlarm (105) Package: netw Raised on class: netw.NetworkElement	Severity: critical Implicitly cleared: true Default probable cause: radiusOperationStatusDown (1431)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when all RADIUS servers have gone down.		
Raising condition: ('Global RADIUS Operational State' EQUAL 'Down')		
Clearing condition: ('Global RADIUS Operational State' EQUAL 'Up')		
Remedial action: Verify the RADIUS server is properly configured and radius server state is up. Check the connectivity between SAM server and radius server configured on the Network element.		

Table 13-274 ReachabilityProblem

Alarm	Attributes	Applicable major releases
Name: ReachabilityProblem (243) Type: communicationsAlarm (4) Package: netw Raised on class: netw.NetworkElement	Severity: major Implicitly cleared: true Default probable cause: ReachabilityTestFailed (176)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when a mediation poll of the SysUpTimeAlarm object on an NE fails, for example, because of network congestion or because the NE is too busy to respond. The probable cause is an unreachable NE Mediation agent on the NE. The polling interval depends on the NE type and is configurable in nms-server.xml. By default, the 5620 SAM polls a managed NE every four minutes. If a poll fails, the alarm is raised. The alarm clears when the 5620 SAM receives a response from the NE, and the 5620 SAM GUI icon that represents the NE turns from red to green.		
Raising condition: ('SNMP Reachability' EQUAL 'Down')		
Remedial action: Informational - if the alarm persists or is occurring frequently then investigation is required to understand a) why the underlying transport network is unreliable or b) why the NE is too busy to respond to 5620 SAM or c) has SNMP been disabled on the NE. Once the issue has been resolved SAM will automatically re-attempt.		

Table 13-275 ReconfigFailure

Alarm	Attributes	Applicable major releases
Name: ReconfigFailure (1949) Type: communicationsAlarm (4) Package: netw Raised on class: netw.NetworkElement	Severity: critical Implicitly cleared: true Default probable cause: failedReconfig (937)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: This alarm is raised when the reconfig action failed.		
Raising condition: ('State' EQUAL 'Failed')		
Clearing condition: ('State' NOT EQUAL 'Failed')		

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Alarm	Attributes	Applicable major releases
Remedial action: Verify that the object is configured as expected.		

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Table 13-276 RedundantMepMisconfiguration

Alarm	Attributes	Applicable major releases
Name: RedundantMepMisconfiguration (3631) Type: oamAlarm (18) Package: ethernetToam Raised on class: ethernetToam.Mep	Severity: minor Implicitly cleared: true Default probable cause: misconfiguredRedundantMep (1416)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when an Active and Redundant MEP do not have the same ID, Operational MAC Address or Sub Group configured.		
Raising condition: ('validRedundantMepConfig' EQUAL 'false')		
Clearing condition: ('validRedundantMepConfig' EQUAL 'true')		
Remedial action: MC-LAG redundant MEP configuration (MEP ID or Mac Address) for Active & Standby Interfaces do not match, this could cause issues with CFM or CCM tests if Active interface changes. Delete and Re-create Standby MEP to match Active.		

Table 13-277 RedundantMepMissing

Alarm	Attributes	Applicable major releases
Name: RedundantMepMissing (3632) Type: oamAlarm (18) Package: ethernetToam Raised on class: ethernetToam.Mep	Severity: minor Implicitly cleared: true Default probable cause: missingRedundantMep (1417)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when a MEP misses a redundant counterpart on LAG or SAP.		
Raising condition: (('MC-LAG Inactive' NOT EQUAL 'Not Applicable') AND ('Redundant MEP' EQUAL '\'))		
Clearing condition: (('MC-LAG Inactive' EQUAL 'Not Applicable') OR (('MC-LAG Inactive' NOT EQUAL 'Not Applicable') AND ('Redundant MEP' NOT EQUAL '\')))		
Remedial action: MC-LAG redundant MEP is missing Active & Standby Interfaces, this will cause issues with CFM or CCM tests if Active interface changes. Create missing Active/Standby MEP to match existing.		

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Table 13-278 RemoteMepCCMAAlarm

Alarm	Attributes	Applicable major releases
Name: RemoteMepCCMAAlarm (502) Type: oamAlarm (18) Package: ethernetOam Raised on class: ethernetOam.Mep	Severity: major Implicitly cleared: true Default probable cause: missingRemoteMep (388)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when a MEP loses connectivity with one or more remote MEPs. The Remote MEP DB State tab on a MEP lists the missing remote MEPs.		
Raising condition: ('High-Priority Defect' NOT EQUAL '0')		
Clearing condition: ('High-Priority Defect' EQUAL '0')		
Remedial action: MEP has lost communication with Remote MEP defined in Maintenance Association (MEG) Remote MEP list, Either Remote MEP list is incorrect or diagnose connection fault and resolve.		

Table 13-279 RemoteRncvOperDown

Alarm	Attributes	Applicable major releases
Name: RemoteRncvOperDown (522) Type: redundancyAlarm (52) Package: multichassis Raised on class: multichassis.MultiChassisRingNode	Severity: major Implicitly cleared: true Default probable cause: remoteRncvDisconnected (397)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when the remote RNCV Operational State of a ring node is other than Connected or NotTested, which means that the ring node is not connected to the local MC ring group. The alarm clears when the ring node enters the Connected or NotTested state.		
Raising condition: (('Remote Operational State' NOT EQUAL 'Connected') AND ('Remote Operational State' NOT EQUAL 'Not Tested'))		
Clearing condition: (('Remote Operational State' EQUAL 'Connected') OR ('Remote Operational State' EQUAL 'Not Tested'))		
Remedial action: Make sure that ring node is properly connected to MC ring group.		

Table 13-280 RipDown

Alarm	Attributes	Applicable major releases
Name: RipDown (72) Type: ProtocolAlarm (1) Package: rip Raised on class: rip.Site	Severity: critical Implicitly cleared: true Default probable cause: protocolDown (1)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when a RIP site has an Operational State other than Up, and the Administrative State is Up.		
Raising condition: (('Administrative State' EQUAL 'Up') AND ('Operational State' NOT EQUAL 'Up'))		
Clearing condition: (('Operational State' EQUAL 'Up') OR ('Administrative State' NOT EQUAL 'Up'))		
Remedial action: The RIP Site is down while it is administratively up. Please check the node e.g. IOM is not shutdown or installed.		

Table 13-281 RouteDistinguisherNotConfigured

Alarm	Attributes	Applicable major releases
Name: RouteDistinguisherNotConfigured (142) Type: configurationAlarm (11) Package: I3fwd Raised on class: I3fwd.ServiceSite	Severity: major Implicitly cleared: true Default probable cause: routeDistinguisherNotConfigured (113)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when no RD is configured for an L3 service site.		
Raising condition: ('routeDistinguisher' EQUAL '\00 00 00 00 00 00 00')		
Clearing condition: ('routeDistinguisher' NOT EQUAL '\00 00 00 00 00 00 00')		
Remedial action: A configuration error has occurred which must be corrected. The RD must be configured on the L3 Service Site in question.		

Table 13-282 RPKISessionNotEstablished

Alarm	Attributes	Applicable major releases
Name: RPKISessionNotEstablished (8136) Type: communicationsAlarm (4) Package: rtr Raised on class: rtr.RpkiSession	Severity: major Implicitly cleared: true Default probable cause: RPKISessionNotEstablished (2532)	<ul style="list-style-type: none"> • 12.0
Description: The notification alarm is raised when the RPKI Session is not established.		
Raising condition: (('Session State' NOT EQUAL 'Established'))		
Clearing condition: (('Session State' EQUAL 'Established'))		
Remedial action: Make sure that the Cache server is reachable and is configured properly.		

Table 13-283 RsvpDown

Alarm	Attributes	Applicable major releases
Name: RsvpDown (74) Type: ProtocolAlarm (1) Package: rsvp Raised on class: rsvp.Site	Severity: critical Implicitly cleared: true Default probable cause: protocolDown (1)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when an RSVP site has an Operational State other than Up, and the Administrative State is Up.		
Raising condition: (('Administrative State' EQUAL 'Up') AND ('Operational State' NOT EQUAL 'Up'))		
Clearing condition: (('Operational State' EQUAL 'Up') OR ('Administrative State' NOT EQUAL 'Up'))		
Remedial action: The RSVP Site is down while it is administratively up. Please check MPLS is enabled and administratively up.		

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Table 13-284 RxSectionSynchronizationError

Alarm	Attributes	Applicable major releases
Name: RxSectionSynchronizationError (93) Type: communicationsAlarm (4) Package: sonetequipment Raised on class: sonetequipment.SonetPortMonitorSpecifics	Severity: major Implicitly cleared: true Default probable cause: rxSectionSynchronizationError (79)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when a SONET port reports a section synchronization failure. A section synchronization failure occurs when the S1 byte is inconsistent for eight consecutive frames.		
Raising condition: (('Outstanding Alarms'anyBit'RX Section Synchronization Error') AND ('Report Alarms'anyBit'RX Section Synchronization Error'))		
Clearing condition: NOT (('Outstanding Alarms'anyBit'RX Section Synchronization Error') AND ('Report Alarms'anyBit'RX Section Synchronization Error'))		
Remedial action: Check the link status between SONET Port and the source.		

Table 13-285 S2LPathBypassTunnelActive

Alarm	Attributes	Applicable major releases
Name: S2LPathBypassTunnelActive (777) Type: pathAlarm (12) Package: mpls Raised on class: mpls.S2LPath	Severity: warning Implicitly cleared: true Default probable cause: S2LPathReroutedToBypassTunnel (552)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when the bypass tunnel in an S2L path becomes active. The alarm clears when the bypass tunnel is no longer active, for example, because a primary tunnel failure is resolved or a new path is established.		
Raising condition: ('Bypass Tunnel Active' EQUAL 'true')		
Clearing condition: ('Bypass Tunnel Active' EQUAL 'false')		
Remedial action: Check what caused primary tunnel is down and fix it if possible.		

Table 13-286 S2LPathDown

Alarm	Attributes	Applicable major releases
Name: S2LPathDown (778) Type: pathAlarm (12) Package: mpls Raised on class: mpls.S2LPath	Severity: major Implicitly cleared: true Default probable cause: S2LPathDown (553)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when the S2L path Administrative State is Up and the Operational State is not Up. The alarm clears when the S2L path Operational State changes to Up or the Administrative State changes to Down.		
Raising condition: (('Administrative' EQUAL 'Up') AND ('Operational' NOT EQUAL 'Up'))		
Clearing condition: (('Operational' EQUAL 'Up') OR ('Administrative' NOT EQUAL 'Up'))		

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Alarm	Attributes	Applicable major releases
Remedial action: Check the failure code and update accordingly, e.g. whether MPLS/RSVP interfaces, OSPF interfaces are down.		

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Table 13-287 SapDDosDynamicExceeded

Alarm	Attributes	Applicable major releases
Name: SapDDosDynamicExceeded (4890) Type: securityServiceOrMechanismViolation (92) Package: service Raised on class: service.AccessInterface	Severity: warning Implicitly cleared: true Default probable cause: ExceedingPolicingParameters (1950)	<ul style="list-style-type: none"> • 11.0 • 12.0
Description: The alarm is raised when the protocol on a particular SAP has been detected as non-conformant to the associated distributed CPU protection policy parameters (on receiving sapDcpDynamicExcd trap) and the alarm status is set as non-conformant. When the SAP starts hold-down period for an exceeding protocol (on receiving sapDcpDynamicHoldDownStart trap), the alarm status will change into non-conformant(Hold Down Start). When the SAP completes hold-down period for an exceeding protocol (on receiving sapDcpDynamicHoldDownEnd trap), the alarm status will be changed into non-conformant(Hold Down End). When the protocol for the SAP has been detected as conformant for a period of the configured detection-time after having been previously detected as exceeding and completed any hold-down period (on receiving sapDcpDynamicConform trap), the alarm will be cleared.		
Remedial action: Appropriate configuration changes to the distributed CPU protection policy or to the affected SAP may be required.		

Table 13-288 SapDDosLocMonitorExceeded

Alarm	Attributes	Applicable major releases
Name: SapDDosLocMonitorExceeded (4891) Type: securityServiceOrMechanismViolation (92) Package: service Raised on class: service.AccessInterface	Severity: warning Implicitly cleared: true Default probable cause: ExceedingPolicingParameters (1950)	<ul style="list-style-type: none"> • 11.0 • 12.0
Description: The alarm is raised when the local-monitoring-policer for a particular SAP has transitioned from a conformant state to a non-conformant state and the system will attempt to allocate dynamic enforcement policers (on receiving sapDcpLocMonExcd trap), and the alarm status is set as non-conformant. When all dynamic enforcement policers associated with a non-conformant local-monitoring-policer have been successfully allocated for the SAP (on receiving sapDcpLocMonExcdAllDynAlloc trap), the alarm status will be changed into non-conformant(Located All). When the local-monitoring-policer for a particular SAP has transitioned from a conformant state to a non-conformant state and the system cannot allocate all the dynamic enforcement policers associated with the distributed CPU protection policy (on receiving sapDcpLocMonExcdDynResource trap), the alarm status will be changed into non-conformant(Cannot Allocate All). When all the previously allocated dynamic enforcement policers for a particular local-monitoring-policer on the associated distributed CPU protection policy have been freed up and all the protocols are once again being monitored by local-monitor (on receiving sapDcpLocMonExcdAllDynFreed trap), the alarm will be cleared.		
Remedial action: Appropriate configuration changes to the distributed CPU protection policy or to the affected SAP may be required.		

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Table 13-289 SapDDosStaticExceeded

Alarm	Attributes	Applicable major releases
Name: SapDDosStaticExceeded (4892) Type: securityServiceOrMechanismViolation (92) Package: service Raised on class: service.AccessInterface	Severity: warning Implicitly cleared: true Default probable cause: ExceedingPolicingParameters (1950)	<ul style="list-style-type: none"> • 11.0 • 12.0
Description: The alarm is raised when the static-policer on a particular SAP has been detected as non-conformant to the associated distributed CPU protection policy parameters (on receiving sapDcpStaticExcd trap) and the alarm status is set as non-conformant. When the SAP starts hold-down period for the exceeding static-policer (on receiving sapDcpStaticHoldDownStart trap), the alarm status will change into non-conformant(Hold Down Start). When the SAP ends hold-down period for the exceeding static-policer (on receiving sapDcpStaticHoldDownEnd trap), the alarm status will be changed into non-conformant(Hold Down End). When the static-policer for the SAP has been detected as conformant for a period of the configured detection-time after having been previously detected as exceeding and completed any hold-down period (on receiving sapDcpStaticConform trap), the alarm will be cleared.		
Remedial action: Appropriate configuration changes to the distributed CPU protection policy or to the affected SAP may be required.		

Table 13-290 SaveConfigFailed

Alarm	Attributes	Applicable major releases
Name: SaveConfigFailed (105) Type: configurationAlarm (11) Package: sw Raised on class: sw.BackupRestoreManager	Severity: major Implicitly cleared: true Default probable cause: fileAccessError (90)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when the admin save command on an NE fails.		
Raising condition: ('Config Save State' EQUAL 'Failure')		
Clearing condition: ('Config Save State' EQUAL 'Success')		
Remedial action: Attempt the admin save command a second time. If the problem persists please contact Alcatel-Lucent support for assistance.		

Table 13-291 ScheduledPollerProblem

Alarm	Attributes	Applicable major releases
Name: ScheduledPollerProblem (4386) Type: communicationsAlarm (4) Package: netw Raised on class: netw.NetworkElement	Severity: warning Implicitly cleared: true Default probable cause: scheduledResyncFailed (1569)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when the 5620 SAM is unable to poll a network object, for example, because of intermittent or no IP connectivity to an NE, incorrect SNMP security parameters, or disabled SNMP on the NE.		
Raising condition: ('Scheduled Resync Status' EQUAL 'Scheduled Resync Failed')		
Clearing condition: ('Scheduled Resync Status' EQUAL 'Scheduled Resync Done')		

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Alarm	Attributes	Applicable major releases
Remedial action: Informational - if the alarm persists or is occurring frequently then investigation is required to understand a) why the underlying transport network is unreliable or b) why the NE is too busy to respond to 5620 SAM or c) has SNMP been disabled on the NE. Once the issue has been resolved SAM will automatically re-attempt.		

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Table 13-292 SdpBindingDown

Alarm	Attributes	Applicable major releases
Name: SdpBindingDown (221) Type: SdpBindingAlarm (30) Package: svt Raised on class: svt.SdpBinding	Severity: critical Implicitly cleared: true Default probable cause: SdpBindingNotReady (166)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when an SDP binding has an Operational State other than Up.		
Raising condition: (('Operational State' NOT EQUAL 'Up') AND ('State Cause' NOT EQUAL 'Standby For BGP Multi-Homing'))		
Clearing condition: (('Operational State' EQUAL 'Up') OR ('State Cause' EQUAL 'Standby For BGP Multi-Homing'))		
Remedial action: To resolve this alarm check the SDP binding to determine if a configuration mismatch exists. If configuration is determined to be correct then the associated network interface may be down. Further investigation is required to determine why the underlying network interface is down.		

Table 13-293 SdpBindingTunnelDown

Alarm	Attributes	Applicable major releases
Name: SdpBindingTunnelDown (222) Type: CircuitAlarm (17) Package: svt Raised on class: svt.SdpBinding	Severity: critical Implicitly cleared: true Default probable cause: SdpTunnelNotReady (167)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when an SDP binding tunnel has an Operational State other than Up.		
Raising condition: (('Operational State' EQUAL 'Tunnel Not Ready') OR ('Operational State' EQUAL 'Tunnel Down'))		
Clearing condition: (('Operational State' NOT EQUAL 'Tunnel Not Ready') AND ('Operational State' NOT EQUAL 'Tunnel Down'))		
Remedial action: To resolve this alarm check the endpoints of the SDP binding to determine if a configuration mismatch exists. If configuration matches then the underlying network resource between the endpoints of the SDP may be down. Further investigation is required to determine why the underlying transport network is down.		

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Table 13-294 SdpEgressIfsNetDomainInConsistent

Alarm	Attributes	Applicable major releases
Name: SdpEgressIfsNetDomainInConsistent (3616) Type: resourceAlarm (28) Package: svt Raised on class: svt.Tunnel	Severity: warning Implicitly cleared: true Default probable cause: sdpEgressIfsNetDomainInConsistent (1405)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when the SDP egress interface's consistency state changes to inconsistent.		
Raising condition: ('Egress Interfaces Consistency State' EQUAL '3')		
Clearing condition: ('Egress Interfaces Consistency State' EQUAL '2')		
Remedial action: To resolve this alarm check egress interfaces of the SDP configuration. If configuration is determined to be correct check underlying physical transport. Further investigation is required.		

Table 13-295 SecondaryPathLimitReached

Alarm	Attributes	Applicable major releases
Name: SecondaryPathLimitReached (458) Type: resourceAlarm (28) Package: equipment Raised on class: equipment.DaughterCard	Severity: warning Implicitly cleared: true Default probable cause: resourceLimitReached (131)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when the Ingress Multicast Path Management secondary path bandwidth limit is reached.		
Raising condition: (('Secondary Path Limit Override' > '0') AND ('Secondary Path In use' >= (1000 * 'Secondary Path Limit Override'))"		
Clearing condition: (('Secondary Path Limit Override' > '0') AND ('Secondary Path In use' < (1000 * 'Secondary Path Limit Override'))"		
Remedial action: Informational - The alarm is raised when the Ingress Multicast Path Management secondary path bandwidth limit is reached. This can be remedied by modifying the secondary path limit located at T1 Paths tab of the multicast bandwidth policy which assigned to the card, or increase the secondary path limit override located at the Daughter Card tab under Daughter Card Slot form.		

Table 13-296 SectionB1Error

Alarm	Attributes	Applicable major releases
Name: SectionB1Error (87) Type: communicationsAlarm (4) Package: sonetequipment Raised on class: sonetequipment.SonetPortMonitorSpecifics	Severity: major Implicitly cleared: true Default probable cause: sectionB1Error (73)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when a SONET port reports a section error condition that a remote NE raises because of b1 errors received from the local NE. The alarm corresponds to the Irei alarm on an NE.		
Raising condition: (('Outstanding Alarms'anyBit'Section B1 Error') AND ('Report Alarms'anyBit'Section B1 Error'))		
Clearing condition: NOT (((('Outstanding Alarms'anyBit'Section B1 Error') AND ('Report Alarms'anyBit'Section B1 Error'))		

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Alarm	Attributes	Applicable major releases
Remedial action: Check the SONET port is configured correctly and that the physical layer cabling is operating correctly. Call customer support if necessary.		

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Table 13-297 SectionLossOfFrame

Alarm	Attributes	Applicable major releases
Name: SectionLossOfFrame (90) Type: communicationsAlarm (4) Package: sonetequipment Raised on class: sonetequipment.SonetPortMonitorSpecifics	Severity: major Implicitly cleared: true Default probable cause: sectionLossOfFrame (76)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when a SONET port reports a SLOF error. The alarm corresponds to the slof alarm on an NE.		
Raising condition: (('Outstanding Alarms'anyBit'Section Loss of Frame') AND ('Report Alarms'anyBit'Section Loss of Frame'))		
Clearing condition: NOT (('Outstanding Alarms'anyBit'Section Loss of Frame') AND ('Report Alarms'anyBit'Section Loss of Frame'))		
Remedial action: One of the following conditions exists on the referenced physical interface which must be corrected. A cable/fiber fault exists which must be corrected - check to ensure that the cable is not faulty and is properly connected.		

Table 13-298 SectionLossOfSignal

Alarm	Attributes	Applicable major releases
Name: SectionLossOfSignal (91) Type: communicationsAlarm (4) Package: sonetequipment Raised on class: sonetequipment.SonetPortMonitorSpecifics	Severity: major Implicitly cleared: true Default probable cause: sectionLossOfSignal (77)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when a SONET port reports a SLOS error. The alarm corresponds to the slos alarm on an NE.		
Raising condition: (('Outstanding Alarms'anyBit'Section Loss of Signal') AND ('Report Alarms'anyBit'Section Loss of Signal'))		
Clearing condition: NOT (('Outstanding Alarms'anyBit'Section Loss of Signal') AND ('Report Alarms'anyBit'Section Loss of Signal'))		
Remedial action: One of the following conditions exists on the referenced physical interface which must be corrected. A cable/fiber fault exists which must be corrected - check to ensure that the cable is not faulty and is properly connected.		

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Table 13-299 SectionS1Failure

Alarm	Attributes	Applicable major releases
Name: SectionS1Failure (86) Type: communicationsAlarm (4) Package: sonetequipment Raised on class: sonetequipment.SonetPortMonitorSpecifics	Severity: major Implicitly cleared: true Default probable cause: sectionS1Failure (72)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when a SONET port reports a section synchronization failure. A section synchronization failure occurs when the S1 byte is inconsistent for eight consecutive frames.		
Raising condition: (('Outstanding Alarms'anyBit'Section S1 Failure') AND ('Report Alarms'anyBit'Section S1 Failure'))		
Clearing condition: NOT (('Outstanding Alarms'anyBit'Section S1 Failure') AND ('Report Alarms'anyBit'Section S1 Failure'))		
Remedial action: Check the SONET port is configured correctly and that the physical layer cabling is operating correctly. Call customer support if necessary.		

Table 13-300 ServiceSiteDown

Alarm	Attributes	Applicable major releases
Name: ServiceSiteDown (97) Type: serviceAlarm (16) Package: service Raised on class: service.Site	Severity: critical Implicitly cleared: true Default probable cause: siteDown (83)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when all SAPs on a site are operationally down, or when the service tunnels for the site are operationally down.		
Raising condition: (('Operational State' NOT EQUAL 'Up') AND ('State Cause' NOT EQUAL 'All Spoke SDP Bindings are Standby'))		
Clearing condition: (('Operational State' EQUAL 'Up') OR ('State Cause' EQUAL 'All Spoke SDP Bindings are Standby'))		
Remedial action: The network resources (i.e. physical ports for SAPs, or physical ports/LSP) associated with the service site should be examined to determine if/why they are operationally down. The underlying transport network supporting the site may also be unreliable.		

Table 13-301 SessionDown

Alarm	Attributes	Applicable major releases
Name: SessionDown (73) Type: ProtocolAlarm (1) Package: rsvp Raised on class: rsvp.Session	Severity: critical Implicitly cleared: true Default probable cause: interfaceDown (32)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when an RSVP session is operationally down.		
Raising condition: ('Operational State' EQUAL 'Down')		
Clearing condition: ('Operational State' EQUAL 'Up')		

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Alarm	Attributes	Applicable major releases
Remedial action: Please check the RSVP session path to make sure all associated protocols/interfaces/connections are OK.		

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Table 13-302 ShamLinkDown

Alarm	Attributes	Applicable major releases
Name: ShamLinkDown (665) Type: ShamLinkAlarm (57) Package: ospf Raised on class: ospf.ShamLink	Severity: critical Implicitly cleared: true Default probable cause: ShamLinkDown (492)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when a sham link is operationally down.		
Raising condition: ('Operational State' EQUAL 'Down')		
Clearing condition: ('Operational State' NOT EQUAL 'Down')		
Remedial action: This alarm is raised when the OSPF sham link is operationally down. The situation may occur if the underlying physical interface is down either because of administrative disabling or a fault on the far end port or due to a cable connection or cable failure. This alarm will also be raised if the underlying transport network fails or is unreliable. Resolving the underlying instability in the transport network will correct this problem.		

Table 13-303 SingleSFMOverloadDetected

Alarm	Attributes	Applicable major releases
Name: SingleSFMOverloadDetected (843) Type: ProtocolAlarm (1) Package: I3fwd Raised on class: I3fwd.Site	Severity: major Implicitly cleared: true Default probable cause: singleSfmOverloadDetected (601)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when a device reports a single-SFM overload. The alarm clears when the VR exits the Overload state.		
Raising condition: ('Overload State' EQUAL 'Overload')		
Clearing condition: ('Overload State' EQUAL 'Normal')		
Remedial action: Information - if the the problem persists please contact Alcatel-Lucent support for assistance.		

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Table 13-304 SonetPathAlarmIndicationSignal

Alarm	Attributes	Applicable major releases
Name: SonetPathAlarmIndicationSignal (129) Type: communicationsAlarm (4) Package: sonetequipment Raised on class: sonetequipment.SonetChannelMonitorSpecifics	Severity: major Implicitly cleared: true Default probable cause: pathAlarmIndicationSignal (63)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when a SONET port reports a PAIS error. The alarm corresponds to the pais alarm on an NE.		
Raising condition: (('Outstanding Alarms'anyBit'Path Alarm Indication Signal') AND ('Report Alarms'anyBit'Path Alarm Indication Signal'))		
Clearing condition: NOT (('Outstanding Alarms'anyBit'Path Alarm Indication Signal') AND ('Report Alarms'anyBit'Path Alarm Indication Signal'))		
Remedial action: Check the SONET port is configured correctly and that the physical layer cabling is operating correctly. Call customer support if necessary.		

Table 13-305 SonetPathB3Error

Alarm	Attributes	Applicable major releases
Name: SonetPathB3Error (132) Type: communicationsAlarm (4) Package: sonetequipment Raised on class: sonetequipment.SonetChannelMonitorSpecifics	Severity: major Implicitly cleared: true Default probable cause: pathB3Error (66)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when a SONET port reports a path error condition because of b3 errors. The alarm corresponds to the prei alarm on an NE.		
Raising condition: (('Outstanding Alarms'anyBit'Path B3 error') AND ('Report Alarms'anyBit'Path B3 error'))		
Clearing condition: NOT (('Outstanding Alarms'anyBit'Path B3 error') AND ('Report Alarms'anyBit'Path B3 error'))		
Remedial action: Check the SONET port is configured correctly and that the physical layer cabling is operating correctly. Call customer support if necessary.		

Table 13-306 SonetPathLossOfCodegroupDelineationError

Alarm	Attributes	Applicable major releases
Name: SonetPathLossOfCodegroupDelineationError (248) Type: communicationsAlarm (4) Package: sonetequipment Raised on class: sonetequipment.SonetChannelMonitorSpecifics	Severity: major Implicitly cleared: true Default probable cause: pathLossOfCodegroupDelineationError (185)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when a SONET port reports a PLCD error. The alarm corresponds to the plcd alarm on an NE.		

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Alarm	Attributes	Applicable major releases
Raising condition: (('Outstanding Alarms'anyBit'Path Loss of Codegroup Delineation Error') AND ('Report Alarms'anyBit'Path Loss of Codegroup Delineation Error'))		
Clearing condition: NOT (('Outstanding Alarms'anyBit'Path Loss of Codegroup Delineation Error') AND ('Report Alarms'anyBit'Path Loss of Codegroup Delineation Error'))		
Remedial action: Check the SONET port is configured correctly and that the physical layer cabling is operating correctly. Call customer support if necessary.		

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Table 13-307 SonetPathLossOfPointer

Alarm	Attributes	Applicable major releases
Name: SonetPathLossOfPointer (130) Type: communicationsAlarm (4) Package: sonetequipment Raised on class: sonetequipment.SonetChannelMonitorSpecifics	Severity: major Implicitly cleared: true Default probable cause: pathLossOfPointer (64)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when a SONET port reports a PLOP error. The alarm corresponds to the plop alarm on an NE.		
Raising condition: (('Outstanding Alarms'anyBit'Path Loss of Pointer') AND ('Report Alarms'anyBit'Path Loss of Pointer'))		
Clearing condition: NOT (('Outstanding Alarms'anyBit'Path Loss of Pointer') AND ('Report Alarms'anyBit'Path Loss of Pointer'))		
Remedial action: Check the SONET port is configured correctly and that the physical layer cabling is operating correctly. Call customer support if necessary.		

Table 13-308 SonetPathPayloadMismatch

Alarm	Attributes	Applicable major releases
Name: SonetPathPayloadMismatch (133) Type: communicationsAlarm (4) Package: sonetequipment Raised on class: sonetequipment.SonetChannelMonitorSpecifics	Severity: major Implicitly cleared: true Default probable cause: pathPayloadMismatch (67)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when a SONET port reports a PPLM error on a channel, after which the channel is set operationally down. The alarm corresponds to the pplm alarm on an NE.		
Raising condition: (('Outstanding Alarms'anyBit'Path Payload Mismatch') AND ('Report Alarms'anyBit'Path Payload Mismatch'))		
Clearing condition: NOT (('Outstanding Alarms'anyBit'Path Payload Mismatch') AND ('Report Alarms'anyBit'Path Payload Mismatch'))		
Remedial action: Informational only.		

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Table 13-309 SonetPathRemoteB3Error

Alarm	Attributes	Applicable major releases
Name: SonetPathRemoteB3Error (134) Type: communicationsAlarm (4) Package: sonetequipment Raised on class: sonetequipment.SonetChannelMonitorSpecifics	Severity: major Implicitly cleared: true Default probable cause: pathRemoteB3Error (68)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when a SONET port reports a path error condition that a remote NE raises because of b3 errors received from the local NE. The alarm corresponds to the prei alarm on an NE.		
Raising condition: (('Outstanding Alarms'anyBit'Path Remote B3 Error') AND ('Report Alarms'anyBit'Path Remote B3 Error'))		
Clearing condition: NOT (('Outstanding Alarms'anyBit'Path Remote B3 Error') AND ('Report Alarms'anyBit'Path Remote B3 Error'))		
Remedial action: Check the remote NE is configured correctly and its physical layer cabling is operating correctly.		

Table 13-310 SonetPathRemoteDefectIndication

Alarm	Attributes	Applicable major releases
Name: SonetPathRemoteDefectIndication (131) Type: communicationsAlarm (4) Package: sonetequipment Raised on class: sonetequipment.SonetChannelMonitorSpecifics	Severity: major Implicitly cleared: true Default probable cause: pathRemoteDefectIndication (65)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when a SONET port reports a remote PAIS error. The alarm corresponds to the pais alarm on an NE.		
Raising condition: (('Outstanding Alarms'anyBit'Path Remote Defect Indication') AND ('Report Alarms'anyBit'Path Remote Defect Indication'))		
Clearing condition: NOT (('Outstanding Alarms'anyBit'Path Remote Defect Indication') AND ('Report Alarms'anyBit'Path Remote Defect Indication'))		
Remedial action: Check the SONET port is configured correctly and that the physical layer cabling is operating correctly. Call customer support if necessary.		

Table 13-311 SonetPathUnequippedPathError

Alarm	Attributes	Applicable major releases
Name: SonetPathUnequippedPathError (143) Type: communicationsAlarm (4) Package: sonetequipment Raised on class: sonetequipment.SonetChannelMonitorSpecifics	Severity: major Implicitly cleared: true Default probable cause: pathUnequippedPathError (114)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when a SONET port reports a path unequipped error. The alarm corresponds to the Path Alarm Unequipped Path Error alarm on an NE.		

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Alarm	Attributes	Applicable major releases
Raising condition: (('Outstanding Alarms'anyBit'Path Alarm Unequipped Path Error') AND ('Report Alarms'anyBit'Path Alarm Unequipped Path Error'))		
Clearing condition: NOT (((('Outstanding Alarms'anyBit'Path Alarm Unequipped Path Error') AND ('Report Alarms'anyBit'Path Alarm Unequipped Path Error'))))		
Remedial action: Check the SONET port is configured correctly and that the physical layer cabling is operating correctly. Call customer support if necessary.		

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Table 13-312 SpbAdjacencyDown

Alarm	Attributes	Applicable major releases
Name: SpbAdjacencyDown (4392) Type: adjacencyAlarm (31) Package: spb Raised on class: spb.AbstractInterface	Severity: minor Implicitly cleared: true Default probable cause: IsisInterfaceDown (232)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0
Description: The alarm is raised when an SPB IS-IS interface has no adjacencies, for example, because the IS-IS protocol on the remote site is down.		
Raising condition: (('Adjacency Count' EQUAL '0L'))		
Clearing condition: (('Adjacency Count' > '0L'))		
Remedial action: Check remote site to see if corresponding IS-IS interface is configured and admin up.		

Table 13-313 SpbInterfaceDown

Alarm	Attributes	Applicable major releases
Name: SpbInterfaceDown (4393) Type: ProtocolAlarm (1) Package: spb Raised on class: spb.AbstractInterface	Severity: warning Implicitly cleared: true Default probable cause: protocolDown (1)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0
Description: The alarm is raised when an SPB IS-IS interface has an Operational State other than Up.		
Raising condition: ('operationalState' EQUAL 'Down')		
Clearing condition: ('operationalState' NOT EQUAL 'Down')		
Remedial action: Check if underlying port is down, or associated network interface is down.		

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Table 13-314 SpbSiteDown

Alarm	Attributes	Applicable major releases
Name: SpbSiteDown (4396) Type: ProtocolAlarm (1) Package: spb Raised on class: spb.Site	Severity: critical Implicitly cleared: true Default probable cause: protocolDown (1)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0
Description: The alarm is raised when an SPB site has an Operational State other than Up.		
Raising condition: ('Operational State' NOT EQUAL 'Up')		
Clearing condition: ('Operational State' EQUAL 'Up')		
Remedial action: Check if the administrative state is down. If the administrative state is up, then check the ISIS instance associated with the SPB and make sure it is up.		

Table 13-315 StatsRetrieveFailed

Alarm	Attributes	Applicable major releases
Name: StatsRetrieveFailed (244) Type: configurationAlarm (11) Package: sw Raised on class: sw.AccountingStatsRetrievalManager	Severity: major Implicitly cleared: false Default probable cause: fileTransferFailure (89)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when the 5620 SAM main or auxiliary server cannot transfer an accounting file from an NE.		
Raising condition: (('Stats Retrieval State' NOT EQUAL 'Success') AND ('Stats Retrieval State' NOT EQUAL 'Not Attempted'))		
Remedial action: Informational - if the alarm persists or is occurring frequently then investigation is required to understand a) why the underlying transport network is unreliable or b) why the NE is too busy or otherwise cannot respond to the 5620 SAM main or auxiliary server.		

Table 13-316 StpExceptionCondition

Alarm	Attributes	Applicable major releases
Name: StpExceptionCondition (297) Type: AccessInterfaceAlarm (32) Package: l2fwd Raised on class: l2fwd.AccessInterfaceStp	Severity: major Implicitly cleared: true Default probable cause: StpException (228)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when a SAP detects an STP exception condition, for example, one-way communication or a downstream loop. The alarm clears when the STP condition changes.		
Raising condition: (('STP Exception Condition' NOT EQUAL 'None') AND ('Administrative State' EQUAL 'Up'))		
Clearing condition: (('STP Exception Condition' EQUAL 'None') OR ('Administrative State' EQUAL 'Down'))		
Remedial action: Check 'STP Exception Condition' field for more details and fix the STP exception.		

Table 13-317 StpRootGuardViolation

Alarm	Attributes	Applicable major releases
Name: StpRootGuardViolation (503) Type: AccessInterfaceAlarm (32) Package: l2fwd Raised on class: l2fwd.AccessInterfaceStp	Severity: warning Implicitly cleared: true Default probable cause: spanningTreeTopologyChanged (331)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when a SAP detects an STP root guard violation.		
Raising condition: ('Root Guard Violation' EQUAL 'true')		
Clearing condition: ('Root Guard Violation' NOT EQUAL 'true')		
Remedial action: Set 'Root Guard' to false if not necessary.		

Table 13-318 SubHostLcktLimitReached

Alarm	Attributes	Applicable major releases
Name: SubHostLcktLimitReached (4387) Type: configurationAlarm (11) Package: netw Raised on class: netw.NetworkElement	Severity: major Implicitly cleared: false Default probable cause: tmnxSubHostLcktLimitReached (1570)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0
Description: This alarm is raised when the system wide maximum number of lockout hosts is reached.		
Remedial action: Please do one of the following: 1. Investigate why the hosts are locked out. Possible reasons include authentication failure due to mis-configuration on the host end, mis-configuration on the BNG, missing or invalid configuration on the RADIUS server, session negotiation failure with the client, resource exhaustion on the BNG, unavailability of RADIUS server (and no fallback configured). 2. Clear the host lockout.		

Table 13-319 SubHostLcktSapLimitReached

Alarm	Attributes	Applicable major releases
Name: SubHostLcktSapLimitReached (4391) Type: configurationAlarm (11) Package: service Raised on class: service.AccessInterface	Severity: minor Implicitly cleared: false Default probable cause: tmnxSubHostLcktSapLimitReached (1572)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0
Description: This alarm is raised when the maximum number of lockout hosts on a given SAP is reached.		
Remedial action: Please do one of the following: 1. Investigate why the hosts are locked out. Possible reasons include authentication failure due to mis-configuration on the host end, mis-configuration on the BNG, missing or invalid configuration on the RADIUS server, session negotiation failure with the client, resource exhaustion on the BNG, unavailability of RADIUS server (and no fallback configured). 2. Clear the host lockout on the SAP. 3. Change the Maximum Lockout Hosts (per SAP).		

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Table 13-320 SubnetDepleted

Alarm	Attributes	Applicable major releases
Name: SubnetDepleted (3953) Type: configurationAlarm (11) Package: dhcp Raised on class: dhcp.Subnet	Severity: major Implicitly cleared: false Default probable cause: actualFreeAddrDepleted (1529)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: This alarm is generated when the actual number of free addresses in the DHCP Server Subnet becomes zero.		
Remedial action: This alarm is generated when the actual number of free addresses in a subnet becomes zero. Please create another subnet.		

Table 13-321 SubscriberInterfaceDown

Alarm	Attributes	Applicable major releases
Name: SubscriberInterfaceDown (440) Type: SubscriberInterfaceAlarm (43) Package: service Raised on class: service.SubscriberInterface	Severity: critical Implicitly cleared: true Default probable cause: interfaceDown (32)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when a subscriber interface is operationally down. The alarm clears when the subscriber interface is operationally up.		
Raising condition: ('operationalState' NOT EQUAL 'Up')		
Clearing condition: ('operationalState' EQUAL 'Up')		
Remedial action: Check the configuration and the underlying physical interface.		

Table 13-322 SubscriberSystemNextHopUsageHigh

Alarm	Attributes	Applicable major releases
Name: SubscriberSystemNextHopUsageHigh (5157) Type: thresholdCrossed (6) Package: netw Raised on class: netw.NetworkElement	Severity: minor Implicitly cleared: true Default probable cause: resourceFull (53)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when the IP next-hop usage by subscriber managed routes reaches its high watermark, cleared when it reaches its low watermark again; the watermarks are derived from the limit specified with the property subSysNextHopLimit.		
Raising condition: ('IP Next Hop Usage High' EQUAL 'true')		
Clearing condition: ('IP Next Hop Usage High' EQUAL 'false')		
Remedial action: The alarm is raised when the IP next-hop usage by subscriber managed routes reaches its high watermark, cleared when it reaches its low watermark again; the watermarks are derived from the limit specified with the property subSysNextHopLimit. There is no immediate effect, but when the usage actually hits the limit, new hosts will not get their managed routes.		

Table 13-323 SubSysChassMemoryUsageHi

Alarm	Attributes	Applicable major releases
Name: SubSysChassMemoryUsageHi (5656) Type: thresholdCrossed (6) Package: equipment Raised on class: equipment.Shelf	Severity: minor Implicitly cleared: true Default probable cause: resourceFull (53)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: This alarm is raised when the memory usage by subscriber management on this system or chassis reaches its high watermark ('true').		
Raising condition: ('Memory Usage High' EQUAL 'True')		
Clearing condition: (('Memory Usage High' EQUAL 'False') OR ('Memory Usage High' EQUAL 'unspecified'))		
Remedial action: The memory usage by subscriber management on this system has reached its high watermark. Please check your memory usage.		

Table 13-324 svcMacFdbTabelFull

Alarm	Attributes	Applicable major releases
Name: svcMacFdbTabelFull (3890) Type: resourceAlarm (28) Package: netw Raised on class: netw.NetworkElement	Severity: major Implicitly cleared: true Default probable cause: resourceLimitReached (131)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when the system limit of FDB records is reached.		
Remedial action: The alarm is raised when system limit of FDB records is reached.		

Table 13-325 TemperatureThresholdCrossed

Alarm	Attributes	Applicable major releases
Name: TemperatureThresholdCrossed (7) Type: environmentalAlarm (2) Package: equipment Raised on class: equipment.Environment	Severity: major Implicitly cleared: true Default probable cause: equipmentOverheated (5)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when a temperature crosses a threshold.		
Raising condition: ('temperatureThresholdCrossed' EQUAL 'true')		
Clearing condition: ('temperatureThresholdCrossed' EQUAL 'false')		
Remedial action: The NE has detected internal temperatures which are abnormally high. This could be caused by a failed fan unit or one or more dirty fan filters. Replacing the failed unit or filters should resolve the problem. Alternately the environment that the NE is operating in may not be within specifications found in the NE user guides.		

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Table 13-326 TmnxEqPortEtherLoopDetected

Alarm	Attributes	Applicable major releases
Name: TmnxEqPortEtherLoopDetected (461) Type: portEtherLoopDetected (48) Package: ethernetequipment Raised on class: ethernetequipment.EthernetPortSpecifics	Severity: major Implicitly cleared: true Default probable cause: HighBer (238)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when a device detects a physical loop on an Ethernet port.		
Raising condition: (('Down When Looped Status' EQUAL 'Loop Detected'))		
Clearing condition: (('Down When Looped Status' EQUAL 'No Loop Detected'))		
Remedial action: An Ethernet port has been mis-cabled - please remove the loopback cable on the port.		

Table 13-327 TPLSPDown

Alarm	Attributes	Applicable major releases
Name: TPLSPDown (4900) Type: pathAlarm (12) Package: mplstp Raised on class: mplstp.TPLsp	Severity: critical Implicitly cleared: true Default probable cause: TPLSPDown (1957)	<ul style="list-style-type: none"> • 11.0 • 12.0
Description: The alarm is raised when the TP LSP Administrative State is Up and the Operational State is Down. The alarm clears when the TP LSP Operational State changes to Up or the Administrative State changes to Down.		
Raising condition: (('Administrative' EQUAL 'Up') AND ('Operational' NOT EQUAL 'Up'))		
Clearing condition: (('Operational' EQUAL 'Up') OR ('Administrative' NOT EQUAL 'Up'))		
Remedial action: The Operational state of the TP LSP is down, despite the Administrative state being up. Review the configuration and make sure that the destination information is set correctly and that the Administrative state is up.		

Table 13-328 TPLSPPATHDown

Alarm	Attributes	Applicable major releases
Name: TPLSPPATHDown (4901) Type: pathAlarm (12) Package: mplstp Raised on class: mplstp.TPLspPath	Severity: critical Implicitly cleared: true Default probable cause: TPLSPPATHDown (1958)	<ul style="list-style-type: none"> • 11.0 • 12.0
Description: The alarm is raised when the TP LSP Path Administrative State is Up and the Operational State is Down. The alarm clears when the TP LSP Path Operational State changes to Up or the Administrative State changes to Down.		
Raising condition: (('Administrative' EQUAL 'Up') AND ('Operational' NOT EQUAL 'Up'))		
Clearing condition: (('Operational' EQUAL 'Up') OR ('Administrative' NOT EQUAL 'Up'))		

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Alarm	Attributes	Applicable major releases
Remedial action: The Operational state of the TP LSP Path is down, despite the Administrative state being up. Review the configuration and make sure that the Administrative state is up, the egress and ingress labels are set and the Out-Link interface is operationally up.		

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Table 13-329 TrapDestinationMisconfigured

Alarm	Attributes	Applicable major releases
Name: TrapDestinationMisconfigured (33) Type: configurationAlarm (11) Package: netw Raised on class: netw.NetworkElement	Severity: major Implicitly cleared: true Default probable cause: trapDestinationMisconfigured (26) Applicable probable causes: <ul style="list-style-type: none"> trapDestinationMisconfigured duplicateTrapLogId 	<ul style="list-style-type: none"> 10.0 11.0 12.0 9.0
Description: The alarm is raised when the 5620 SAM cannot be added to the NE's SNMP trap destinations.		
Raising condition: ('isTrapDestinationMisconfigured' EQUAL 'true')		
Clearing condition: ('isTrapDestinationMisconfigured' EQUAL 'false')		
Remedial action: A configuration error has been made which must be corrected. The SNMP trap destination on the NE must be configured to the IP address of the SAM server.		

Table 13-330 TrapReceivingFailure

Alarm	Attributes	Applicable major releases
Name: TrapReceivingFailure (1083) Type: communications (87) Package: netw Raised on class: netw.NetworkElement	Severity: major Implicitly cleared: false Default probable cause: trapsWillNotBeSent (822)	<ul style="list-style-type: none"> 10.0 11.0 12.0 9.0
Description: This user-defined alarm is raised when the NE is unable to send traps because the NE configuration is one of the following: - The Management IP Selection is set to Out Of Band Only, the Primary Route Preference is set to In Band, and the Secondary Route Preference is set to None. - The Management IP Selection is set to In Band Only, the Primary Route Preference is set to Out Of Band, and the Secondary Route Preference is set to None.		
Raising condition: (((('Active Management IP' EQUAL 'In Band') AND ('Management IP Selection' EQUAL 'In Band Only') AND ('Primary Route Preference' EQUAL 'Out Of Band') AND ('Secondary Route Preference' EQUAL 'None')) OR (('Active Management IP' EQUAL 'Out Of Band') AND ('Management IP Selection' EQUAL 'Out Of Band Only') AND ('Primary Route Preference' EQUAL 'In Band') AND ('Secondary Route Preference' EQUAL 'None')) OR (('Active Management IP' EQUAL 'Out Of Band') AND ('Management IP Selection' EQUAL 'In Band Preferred') AND ('Primary Route Preference' EQUAL 'In Band') AND ('Secondary Route Preference' EQUAL 'None')) OR (('Active Management IP' EQUAL 'In Band') AND ('Management IP Selection' EQUAL 'Out Of Band Preferred') AND ('Primary Route Preference' EQUAL 'Out Of Band') AND ('Secondary Route Preference' EQUAL 'None'))))		

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Alarm	Attributes	Applicable major releases
<p>Clearing condition: (((('Active Management IP' EQUAL 'In Band') AND ('Management IP Selection' EQUAL 'In Band Only') AND (('Primary Route Preference' EQUAL 'In Band') OR ('Secondary Route Preference' EQUAL 'In Band')))) OR (('Active Management IP' EQUAL 'Out Of Band') AND ('Management IP Selection' EQUAL 'Out Of Band Only') AND (('Primary Route Preference' EQUAL 'Out Of Band') OR ('Secondary Route Preference' EQUAL 'Out Of Band')))) OR (('Active Management IP' EQUAL 'Out Of Band') AND ('Management IP Selection' EQUAL 'In Band Preferred') AND (('Primary Route Preference' EQUAL 'Out Of Band') OR ('Secondary Route Preference' EQUAL 'Out Of Band')))) OR (('Active Management IP' EQUAL 'In Band') AND ('Management IP Selection' EQUAL 'In Band') AND ('Management IP Selection' EQUAL 'In Band Preferred') AND (('Primary Route Preference' EQUAL 'In Band') OR ('Secondary Route Preference' EQUAL 'In Band')))) OR (('Active Management IP' EQUAL 'In Band') AND ('Management IP Selection' EQUAL 'Out Of Band Preferred') AND (('Primary Route Preference' EQUAL 'In Band') OR ('Secondary Route Preference' EQUAL 'In Band')))) OR (('Active Management IP' EQUAL 'Out Of Band') AND ('Management IP Selection' EQUAL 'Out Of Band Preferred') AND (('Primary Route Preference' EQUAL 'Out Of Band') OR ('Secondary Route Preference' EQUAL 'Out Of Band'))))</p>		
<p>Remedial action: A configuration error has been made which must be corrected. The configuration error must be corrected per the discussion in the description for this alarm.</p>		

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Table 13-331 TrapRoutePreferenceRedundancyMissing

Alarm	Attributes	Applicable major releases
<p>Name: TrapRoutePreferenceRedundancyMissing (1084) Type: communications (87) Package: netw Raised on class: netw.NetworkElement</p>	<p>Severity: warning Implicitly cleared: true Default probable cause: trapsRedundancyMissing (823)</p>	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
<p>Description: The user-defined alarm is raised when NE management redundancy is configured without trap route preference redundancy.</p>		
<p>Raising condition: (((('Management IP Selection' EQUAL 'In Band Preferred') AND ('Active Management IP' EQUAL 'In Band') AND ('Primary Route Preference' EQUAL 'In Band') AND ('Secondary Route Preference' EQUAL 'None')) OR (('Management IP Selection' EQUAL 'Out Of Band Preferred') AND ('Active Management IP' EQUAL 'Out Of Band') AND ('Primary Route Preference' EQUAL 'Out Of Band') AND ('Secondary Route Preference' EQUAL 'None'))))</p>		
<p>Clearing condition: (((('Management IP Selection' EQUAL 'In Band Preferred') AND ('Active Management IP' EQUAL 'In Band') AND ('Secondary Route Preference' NOT EQUAL 'None')) OR (('Management IP Selection' EQUAL 'Out Of Band Preferred') AND ('Active Management IP' EQUAL 'Out Of Band') AND ('Secondary Route Preference' NOT EQUAL 'None'))))</p>		
<p>Remedial action: A configuration error has been made which must be corrected. The IP address of the standby SAM server must be configured on the NE in question.</p>		

Table 13-332 TunnelAdministrativelyDown (mpls)

Alarm	Attributes	Applicable major releases
<p>Name: TunnelAdministrativelyDown (523) Type: pathAlarm (12) Package: mpls Raised on class: mpls.Tunnel</p>	<p>Severity: minor Implicitly cleared: true Default probable cause: tunnelAdministrativelyDown (333)</p>	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
<p>Description: The alarm is raised when the 5620 SAM detects that an MPLS path is administratively down.</p>		
<p>Raising condition: ('Administrative' NOT EQUAL 'Up')</p>		

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Alarm	Attributes	Applicable major releases
Clearing condition: ('Administrative' EQUAL 'Up')		
Remedial action: Turn up the corresponding MPLS path.		

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Table 13-333 TunnelAdministrativelyDown (svt)

Alarm	Attributes	Applicable major releases
Name: TunnelAdministrativelyDown (523) Type: pathAlarm (12) Package: svt Raised on class: svt.Tunnel	Severity: minor Implicitly cleared: true Default probable cause: tunnelAdministrativelyDown (333)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when the 5620 SAM detects that a service tunnel is administratively down.		
Raising condition: ('administrativeState' NOT EQUAL 'Up')		
Clearing condition: ('administrativeState' EQUAL 'Up')		
Remedial action: Informational - an operator has manually turned down a service tunnel.		

Table 13-334 TunnelDown (mpls)

Alarm	Attributes	Applicable major releases
Name: TunnelDown (30) Type: pathAlarm (12) Package: mpls Raised on class: mpls.Tunnel	Severity: warning Implicitly cleared: true Default probable cause: tunnelDown (23)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when an MPLS path has an Operational State other than Up, and the Administrative State is Up.		
Raising condition: (('Administrative' EQUAL 'Up') AND ('Operational' NOT EQUAL 'Up'))		
Clearing condition: (('Operational' EQUAL 'Up') OR ('Administrative' NOT EQUAL 'Up'))		
Remedial action: Check the network resources along the path.		

Table 13-335 TunnelDown (svt)

Alarm	Attributes	Applicable major releases
Name: TunnelDown (30) Type: pathAlarm (12) Package: svt Raised on class: svt.AbstractTunnel	Severity: critical Implicitly cleared: true Default probable cause: tunnelDown (23)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0

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Alarm	Attributes	Applicable major releases
Description: The alarm is raised when the 5620 SAM detects that a service tunnel is operationally down.		
Raising condition: (('Administrative' EQUAL 'Up') AND ('Operational' NOT EQUAL 'Up'))		
Clearing condition: (('Operational' EQUAL 'Up') OR ('Administrative' NOT EQUAL 'Up'))		
Remedial action: This alarm indicates that a problem has been made in the underlying transport network. If the alarm persists or re-occurs frequently then investigation of the underlying transport issues is warranted.		

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Table 13-336 TxSectionSynchronizationError

Alarm	Attributes	Applicable major releases
Name: TxSectionSynchronizationError (92) Type: communicationsAlarm (4) Package: sonetequipment Raised on class: sonetequipment.SonetPortMonitorSpecifics	Severity: major Implicitly cleared: true Default probable cause: txSectionSynchronizationError (78)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when a SONET port reports an SS1F error. The alarm corresponds to the ss1f alarm on an NE.		
Raising condition: (('Outstanding Alarms'anyBit'TX Section Synchronization Error') AND ('Report Alarms'anyBit'TX Section Synchronization Error'))		
Clearing condition: NOT (('Outstanding Alarms'anyBit'TX Section Synchronization Error') AND ('Report Alarms'anyBit'TX Section Synchronization Error'))		
Remedial action: Check the SONET port is configured correctly and that the physical layer cabling is operating correctly. Call customer support if necessary.		

Table 13-337 UnidentifiedNode

Alarm	Attributes	Applicable major releases
Name: UnidentifiedNode (1922) Type: communicationsAlarm (4) Package: netw Raised on class: netw.DiscoveredNode	Severity: major Implicitly cleared: true Default probable cause: unidentifiedNode (922)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when the node being discovered can not be properly identified.		
Raising condition: ('State' EQUAL 'Pending Identification')		
Clearing condition: ('State' NOT EQUAL 'Pending Identification')		
Remedial action: A configuration error has occurred that must be corrected. The eNodeB does not have a system name. The name can be configured by selecting the alarm, opening the associated properties form for the alarmed object and configuring the system name.		

Table 13-338 UnmanageFailed

Alarm	Attributes	Applicable major releases
Name: UnmanageFailed (300) Type: discoveryControlAlarm (33) Package: netw Raised on class: netw.NodeDiscoveryControl	Severity: warning Implicitly cleared: true Default probable cause: unableToDeleteNode (231)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when an attempt to unmanage an NE fails.		
Raising condition: ('Site State' EQUAL 'Unmanage Failed')		
Clearing condition: ('Site State' NOT EQUAL 'Unmanage Failed')		
Remedial action: Informational - if the alarm persists please contact Alcatel-Lucent support for assistance		

Table 13-339 UnrecommendedNAT64DestinationPrefix

Alarm	Attributes	Applicable major releases
Name: UnrecommendedNAT64DestinationPrefix (8060) Type: configurationAlarm (11) Package: nat Raised on class: nat.Nat64Config	Severity: warning Implicitly cleared: true Default probable cause: unrecommendedConfiguration (2461)	<ul style="list-style-type: none"> • 11.0 • 12.0
Description: This alarm is raised when the bits [64-71] of NAT64 destination prefix are non-zero for prefix length of 96.		
Raising condition: (('NAT Destination Prefix Length' EQUAL '96') AND ('NAT Destination Prefix' NOT EQUAL "[0-9A-F]{1,4}:[0-9A-F]{1,2}:[0-9A-F]{1,4}]{3}\\"))		
Clearing condition: (('NAT Destination Prefix Length' NOT EQUAL '96') OR ('NAT Destination Prefix' EQUAL "[0-9A-F]{1,4}:[0-9A-F]{1,2}:[0-9A-F]{1,4}]{3}\\"))		
Remedial action: When using a prefix length 96, set the bits [64-71] of NAT64 Destination Prefix as zero.		

Table 13-340 UpgradedBuildVersionMismatch

Alarm	Attributes	Applicable major releases
Name: UpgradedBuildVersionMismatch (174) Type: configurationAlarm (11) Package: netw Raised on class: netw.NetworkElement	Severity: warning Implicitly cleared: true Default probable cause: upgradedImageNotBooted (137)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when the software version that an NE reports after a software upgrade does not match the version of the software used for the upgrade.		
Raising condition: ('upgradedBuildVersionMismatch' EQUAL 'true')		
Clearing condition: ('upgradedBuildVersionMismatch' EQUAL 'false')		
Remedial action: Informational - if the alarm persists please contact Alcatel-Lucent support for assistance		

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Table 13-341 upgradedCardAlarm

Alarm	Attributes	Applicable major releases
Name: upgradedCardAlarm (255) Type: softwareAlarm (19) Package: equipment Raised on class: equipment.Card	Severity: warning Implicitly cleared: true Default probable cause: upgradedCard (194)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when the standby CPM is rebooted and operational after a software upgrade. A device resets an IOM automatically after 120 minutes if the IOM is not manually reset after a CPM upgrade.		
Raising condition: ('operationalState' EQUAL 'Upgrade')		
Clearing condition: ('operationalState' EQUAL 'Up')		
Remedial action: Informational - no corrective action required.		

Table 13-342 VersionConfigRestoreFailed

Alarm	Attributes	Applicable major releases
Name: VersionConfigRestoreFailed (536) Type: configurationAlarm (11) Package: sw Raised on class: sw.BackupRestoreManager	Severity: major Implicitly cleared: true Default probable cause: versionMismatch (405)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when the restore procedure on an NE fails because of a mismatch between the backup file set version and the NE software version.		
Raising condition: ('lastNmsVersionRestoreState' EQUAL 'Failure')		
Clearing condition: ('lastNmsVersionRestoreState' EQUAL 'Success')		
Remedial action: The backup files being restored do not match with the version of node software release. Download a new copy of the SW image to the NE. If the problem persists contact Alcatel-Lucent support for assistance.		

Table 13-343 VideoInterfaceDown

Alarm	Attributes	Applicable major releases
Name: VideoInterfaceDown (794) Type: VideoInterfaceAlarm (72) Package: service Raised on class: service.VideoInterface	Severity: critical Implicitly cleared: true Default probable cause: interfaceDown (32)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when a video interface is operationally down. The alarm clears when the video interface is operationally up.		
Raising condition: ('Operational State' NOT EQUAL 'Up')		
Clearing condition: ('Operational State' EQUAL 'Up')		
Remedial action: Check the configuration and the underlying physical interface.		

Table 13-344 VirtualLinkDown

Alarm	Attributes	Applicable major releases
Name: VirtualLinkDown (122) Type: VirtualLinkAlarm (21) Package: ospf Raised on class: ospf.VirtualLink	Severity: warning Implicitly cleared: true Default probable cause: VirtualLinkDown (104)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when a virtual link is Down.		
Raising condition: ('Operational State' EQUAL 'Down')		
Clearing condition: ('Operational State' NOT EQUAL 'Down')		
Remedial action: This alarm is raised when the OSPF virtual link is operationally down. The situation may occur if the underlying physical interface is down either because of administrative disabling or a fault on the far end port or due to a cable connection or cable failure. This alarm will also be raised if the underlying transport network fails or is unreliable. Resolving the underlying instability in the transport network will correct this problem.		

Table 13-345 VirtualNeighborDown

Alarm	Attributes	Applicable major releases
Name: VirtualNeighborDown (123) Type: VirtualNeighborDown (22) Package: ospf Raised on classes: <ul style="list-style-type: none"> • ospf.ShamLink • ospf.VirtualLink 	Severity: warning Implicitly cleared: true Default probable cause: VirtualNeighborDown (105)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when a neighbor virtual link is operationally down.		
Raising condition: ('neighborCount' EQUAL '0L')		
Clearing condition: ('neighborCount' NOT EQUAL '0L')		
Remedial action: This alarm is raised when the OSPF neighbor virtual link is operationally down. The situation may occur if the underlying physical interface is down either because of administrative disabling or a fault on the far end port or due to a cable connection or cable failure. This alarm will also be raised if the underlying transport network fails or is unreliable. Resolving the underlying instability in the transport network will correct this problem.		

Table 13-346 VRtrIfDDosDynamicExceeded

Alarm	Attributes	Applicable major releases
Name: VRtrIfDDosDynamicExceeded (4887) Type: securityServiceOrMechanismViolation (92) Package: rtr Raised on class: rtr.VirtualInterface	Severity: warning Implicitly cleared: true Default probable cause: ExceedingPolicingParameters (1950)	<ul style="list-style-type: none"> • 11.0 • 12.0

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Alarm	Attributes	Applicable major releases
<p>Description: The alarm is raised when the protocol on a particular network interface has been detected as non-conformant to the associated distributed CPU protection policy parameters (on receiving vRtrIfDcpDynamicExcd trap) and the alarm status is set as non-conformant. When the network interface starts hold-down period for an exceeding protocol (on receiving vRtrIfDcpDynamicHoldDownStart trap), the alarm status will change into non-conformant(Hold Down Start). When the network interface completes hold-down period for an exceeding protocol (on receiving vRtrIfDcpDynamicHoldDownEnd trap), the alarm status will be changed into non-conformant(Hold Down End). When the protocol for the network interface has been detected as conformant for a period of the configured detection-time after having been previously detected as exceeding and completed any hold-down period (on receiving vRtrIfDcpDynamicConform trap), the alarm will be cleared.</p>		
<p>Remedial action: Appropriate configuration changes to the distributed CPU protection policy or to the affected network interface may be required.</p>		

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Table 13-347 VRtrIfDDosLocMonitorExceeded

Alarm	Attributes	Applicable major releases
<p>Name: VRtrIfDDosLocMonitorExceeded (4888) Type: securityServiceOrMechanismViolation (92) Package: rtr Raised on class: rtr.VirtualInterface</p>	<p>Severity: warning Implicitly cleared: true Default probable cause: ExceedingPolicingParameters (1950)</p>	<ul style="list-style-type: none"> • 11.0 • 12.0
<p>Description: The alarm is raised when the local-monitoring-policer for a particular network interface has transitioned from a conformant state to a non-conformant state and the system will attempt to allocate dynamic enforcement policers (on receiving sapDcpLocMonExcd trap), and the alarm status is set as non-conformant. When all dynamic enforcement policers associated with a non-conformant local-monitoring-policer have been successfully allocated for the network interface (on receiving sapDcpLocMonExcdAllDynAlloc trap), the alarm status will be changed into non-conformant(Located All). When the local-monitoring-policer for a particular network interface has transitioned from a conformant state to a non-conformant state and the system cannot allocate all the dynamic enforcement policers associated with the distributed CPU protection policy (on receiving sapDcpLocMonExcdDynResource trap), the alarm status will be changed into non-conformant(Cannot Allocate All). When all the previously allocated dynamic enforcement policers for a particular local-monitoring-policer on the associated distributed CPU protection policy have been freed up and all the protocols are once again being monitored by local-monitor (on receiving sapDcpLocMonExcdAllDynFreed trap), the alarm will be cleared.</p>		
<p>Remedial action: Appropriate configuration changes to the distributed CPU protection policy or to the affected network interface may be required.</p>		

Table 13-348 VRtrIfDDosStaticExceeded

Alarm	Attributes	Applicable major releases
<p>Name: VRtrIfDDosStaticExceeded (4889) Type: securityServiceOrMechanismViolation (92) Package: rtr Raised on class: rtr.VirtualInterface</p>	<p>Severity: warning Implicitly cleared: true Default probable cause: ExceedingPolicingParameters (1950)</p>	<ul style="list-style-type: none"> • 11.0 • 12.0

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Alarm	Attributes	Applicable major releases
<p>Description: The alarm is raised when the static-policer on a particular network interface has been detected as non-conformant to the associated distributed CPU protection policy parameters (on receiving vRtrIfDcpStaticExcd trap) and the alarm status is set as non-conformant. When the network interface starts hold-down period for the exceeding static-policer (on receiving vRtrIfDcpStaticHoldDownStart trap), the alarm status will change into non-conformant(Hold Down Start). When the network interface ends hold-down period for the exceeding static-policer (on receiving vRtrIfDcpStaticHoldDownEnd trap), the alarm status will be changed into non-conformant(Hold Down End). When the static-policer for the network interface has been detected as conformant for a period of the configured detection-time after having been previously detected as exceeding and completed any hold-down period (on receiving vRtrIfDcpStaticConform trap), the alarm will be cleared.</p>		
<p>Remedial action: Appropriate configuration changes to the distributed CPU protection policy or to the affected network interface may be required.</p>		

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Table 13-349 WaveTrackerEncoderDegrade

Alarm	Attributes	Applicable major releases
Name: WaveTrackerEncoderDegrade (821) Type: communicationsAlarm (4) Package: ethernetequipment Raised on class: ethernetequipment.WaveLengthTracker	Severity: major Implicitly cleared: true Default probable cause: EncoderDegrade (584)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
<p>Description: The alarm is raised when a device reports an encoder degradation on a wavelength tracker interface.</p>		
<p>Raising condition: (('Configured Alarms'anyBit'Encoder Degrade') AND ('Reported Alarms'anyBit'Encoder Degrade'))</p>		
<p>Clearing condition: NOT (('Configured Alarms'anyBit'Encoder Degrade') AND ('Reported Alarms'anyBit'Encoder Degrade'))</p>		
<p>Remedial action: The OT or SVAC card has detected a DSP failure and this means that the wavelength tracker encode power control is compromised. If this occurs during steady state operation, there is a high probability that the services carried by this OT or SVAC are unaffected. To clear this alarm, replace the card. The card replacement procedure is service affecting and should be conducted during a maintenance window.</p>		

Table 13-350 WaveTrackerEncoderFailure

Alarm	Attributes	Applicable major releases
Name: WaveTrackerEncoderFailure (822) Type: communicationsAlarm (4) Package: ethernetequipment Raised on class: ethernetequipment.WaveLengthTracker	Severity: major Implicitly cleared: true Default probable cause: EncoderFailure (585)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
<p>Description: The alarm is raised when a device reports an encoder failure on a wavelength tracker interface.</p>		
<p>Raising condition: (('Configured Alarms'anyBit'Encoder Failure') AND ('Reported Alarms'anyBit'Encoder Failure'))</p>		
<p>Clearing condition: NOT (('Configured Alarms'anyBit'Encoder Failure') AND ('Reported Alarms'anyBit'Encoder Failure'))</p>		
<p>Remedial action: A cold reset, reseat, or replacement of a card is service impacting if the card is currently carrying services. If there are services currently carried over the card, it may be best to wait for a maintenance window before resetting, replacing, or reseating the card. Confirm that replacement OT or SVAC card supports the same band as the alarmed OT or SVAC card and connect all fibers to the replacement OT or SVAC card.</p>		

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Table 13-351 WaveTrackerMissingPluggableVOA

Alarm	Attributes	Applicable major releases
Name: WaveTrackerMissingPluggableVOA (4618) Type: communicationsAlarm (4) Package: ethernetequipment Raised on class: ethernetequipment.WaveLengthTracker	Severity: major Implicitly cleared: true Default probable cause: MissingPluggableVOA (1887)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when a device reports a power control high limit on a wavelength tracker interface.		
Raising condition: (('Configured Alarms'anyBit'Missing Pluggable VOA') AND ('Reported Alarms'anyBit'Missing Pluggable VOA'))		
Clearing condition: NOT (((('Configured Alarms'anyBit'Missing Pluggable VOA') AND ('Reported Alarms'anyBit'Missing Pluggable VOA'))))		
Remedial action: Informational - no corrective action required.		

Table 13-352 WaveTrackerPowerControlDegrade

Alarm	Attributes	Applicable major releases
Name: WaveTrackerPowerControlDegrade (823) Type: communicationsAlarm (4) Package: ethernetequipment Raised on class: ethernetequipment.WaveLengthTracker	Severity: major Implicitly cleared: true Default probable cause: PowerControlDegrade (586)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when a device reports a power control degradation on a wavelength tracker interface.		
Raising condition: (('Configured Alarms'anyBit'Power Control Degrade') AND ('Reported Alarms'anyBit'Power Control Degrade'))		
Clearing condition: NOT (((('Configured Alarms'anyBit'Power Control Degrade') AND ('Reported Alarms'anyBit'Power Control Degrade'))))		
Remedial action: check to see that the fiber for that card is correct. Remove the fiber from the Tx port on the transponder card. If the condition clears after 20 seconds, then this is a misfiber problem.		

Table 13-353 WaveTrackerPowerControlFailure

Alarm	Attributes	Applicable major releases
Name: WaveTrackerPowerControlFailure (824) Type: communicationsAlarm (4) Package: ethernetequipment Raised on class: ethernetequipment.WaveLengthTracker	Severity: critical Implicitly cleared: true Default probable cause: PowerControlFailure (587)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when a device reports a power control failure on a wavelength tracker interface.		
Raising condition: (('Configured Alarms'anyBit'Power Control Failure') AND ('Reported Alarms'anyBit'Power Control Failure'))		
Clearing condition: NOT (((('Configured Alarms'anyBit'Power Control Failure') AND ('Reported Alarms'anyBit'Power Control Failure'))))		

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Alarm	Attributes	Applicable major releases
<p>Remedial action: Either alarmed card has detected equipment problem or there is misfibering problem such that a light-emitting fiber has been plugged into the Tx port of aWavelength Tracker encoder-equipped transponder card.If the card is a transponder card that is equipped with aWavelength Tracker encoder, check to see that the fibering for that card is correct. Remove the fiber from the Tx port on the transponder card. If the condition clears after 20 seconds, then this is a misfibering problem.the card is an SVAC, or if there is no fibering problem on the transponder card.Disconnect all fibers on the alarmed card and Replace the card. connect all fibers to the replacement card</p>		

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Table 13-354 WaveTrackerPowerControlHighlimit

Alarm	Attributes	Applicable major releases
<p>Name: WaveTrackerPowerControlHighlimit (825) Type: communicationsAlarm (4) Package: ethernetequipment Raised on class: ethernetequipment.WaveLengthTracker</p>	<p>Severity: major Implicitly cleared: true Default probable cause: PowerControlHighlimit (588)</p>	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
<p>Description: The alarm is raised when a device reports a power control high limit on a wavelength tracker interface.</p>		
<p>Raising condition: (('Configured Alarms'anyBit'Power Control High limit reached') AND ('Reported Alarms'anyBit'Power Control High limit reached'))</p>		
<p>Clearing condition: NOT (('Configured Alarms'anyBit'Power Control High limit reached') AND ('Reported Alarms'anyBit'Power Control High limit reached'))</p>		
<p>Remedial action: Informational - no corrective action required.</p>		

Table 13-355 WaveTrackerPowerControlLowlimit

Alarm	Attributes	Applicable major releases
<p>Name: WaveTrackerPowerControlLowlimit (826) Type: communicationsAlarm (4) Package: ethernetequipment Raised on class: ethernetequipment.WaveLengthTracker</p>	<p>Severity: major Implicitly cleared: true Default probable cause: PowerControlLowlimit (589)</p>	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
<p>Description: The alarm is raised when a device reports a power control low limit on a wavelength tracker interface.</p>		
<p>Raising condition: (('Configured Alarms'anyBit'Power Control Low limit reached') AND ('Reported Alarms'anyBit'Power Control Low limit reached'))</p>		
<p>Clearing condition: NOT (('Configured Alarms'anyBit'Power Control Low limit reached') AND ('Reported Alarms'anyBit'Power Control Low limit reached'))</p>		
<p>Remedial action: Informational - no corrective action required.</p>		

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Table 13-356 WrongCpaaSoftwareVersion

Alarm	Attributes	Applicable major releases
Name: WrongCpaaSoftwareVersion (791) Type: equipmentAlarm (3) Package: netw Raised on class: netw.NetworkElement	Severity: critical Implicitly cleared: true Default probable cause: wrongCpaaSoftwareVersion (559)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when the 7701 CPAA software is the wrong version and requires an upgrade.		
Raising condition: (('Software Version' EQUAL \"TIMOS-B-3.0.Generic \") AND ('Chassis Type' EQUAL '7701 CPAA'))		
Clearing condition: (('Software Version' NOT EQUAL \"TIMOS-B-3.0.Generic \") AND ('Chassis Type' EQUAL '7701 CPAA'))		
Remedial action: The SW version of the CPAA must be upgraded to the version compatible with CPAM version.		

Table 13-357 XplError

Alarm	Attributes	Applicable major releases
Name: XplError (573) Type: hardwareAnomaly (55) Package: equipment Raised on class: equipment.DaughterCard	Severity: minor Implicitly cleared: true Default probable cause: xplError (443)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when an MDA reports persistent XPL Errors.		
Raising condition: ('Number Of Notifications' NOT EQUAL '0')		
Clearing condition: ('Number Of Notifications' EQUAL '0')		
Remedial action: Informational - if the condition persists then the MDA indicated in the alarm should be replaced.		

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Note – Some alarms that the 5620 SAM can raise against this device may not be listed in this chapter. Associating alarms with specific NE types is an ongoing Alcatel-Lucent effort. If the 5620 SAM raises an alarm against this device type, and the alarm is not described in this chapter, see chapter 41 for information about the alarm.

Table 14-1 ActiveAbnormalCondition

Alarm	Attributes	Applicable major releases
Name: ActiveAbnormalCondition (3938) Type: activeAbnormalConditionAlarm (116) Package: netw Raised on class: netw.NetworkElement	Severity: major Implicitly cleared: true Default probable cause: ActiveAbnormalConditionState (1520)	<ul style="list-style-type: none"> • 6.0 • 7.0 • 8.0
Description: The alarm is an indication for abnormal condition on NE.		
Raising condition: ('abnormalCondition' EQUAL 'true')		
Clearing condition: ('abnormalCondition' EQUAL 'false')		
Remedial action: This alarm is raised when there is a abnormal state indication on NE.		

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Table 14-2 AggregatedVFLPortDown

Alarm	Attributes	Applicable major releases
Name: AggregatedVFLPortDown (5436) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.Shelf	Severity: critical Implicitly cleared: true Default probable cause: connectivityIssue (2137)	<ul style="list-style-type: none"> • 6.0 • 7.0 • 8.0
Description: The alarm is generated when the aggregated virtual fabric link on the virtual chassis slot is down.		
Raising condition: (('Shelf Type' EQUAL '7850') AND ('Total Slots' EQUAL '4') AND ('Virtual Fabric Link State' NOT EQUAL 'Up'))		
Clearing condition: (('Shelf Type' EQUAL '7850') AND ('Total Slots' EQUAL '4') AND ('Virtual Fabric Link State' EQUAL 'Up'))		
Remedial action: The alarm is raised when the aggregated virtual fabric link on the virtual chassis is down. Please check the virtual fabric links for the virtual chassis setup.		

Table 14-3 AGWDiameterPeerDown

Alarm	Attributes	Applicable major releases
Name: AGWDiameterPeerDown (844) Type: EpcAlarm (59) Package: Ite Raised on class: Ite.AGWDiameterPeer	Severity: variable Implicitly cleared: true Default probable cause: EPSPeerDown (602)	<ul style="list-style-type: none"> • 6.0 • 7.0 • 8.0
Description: The alarm is raised when the path management state of a Diameter peer changes to a state other than Up.		
Raising condition: ('Path Diameter Management State' NOT EQUAL 'Active')		
Clearing condition: ('Path Diameter Management State' EQUAL 'Active')		
Remedial action: A Ga reference point (peer) is operationally down for one of the following reasons: the underlying IP or physical interface is down, the far end peer is down or the underlying transport between this NE and the peer NE is down. To resolve the issue ensure that the IP/physical interface is up, check that the far end peer is operational and check that the underlying transport network is up.		

Table 14-4 AncillaryPathLimitReached

Alarm	Attributes	Applicable major releases
Name: AncillaryPathLimitReached (459) Type: resourceAlarm (28) Package: equipment Raised on class: equipment.DaughterCard	Severity: warning Implicitly cleared: true Default probable cause: resourceLimitReached (131)	<ul style="list-style-type: none"> • 7.0 • 8.0
Description: The alarm is raised when the Ingress Multicast Path Management ancillary path bandwidth limit is reached.		
Raising condition: (('Ancillary Path Limit Override' > '0') AND ('Ancillary Path In use' >= (1000 * 'Ancillary Path Limit Override'))"		
Clearing condition: (('Ancillary Path Limit Override' > '0') AND ('Ancillary Path In use' < (1000 * 'Ancillary Path Limit Override'))"		

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Alarm	Attributes	Applicable major releases
Remedial action: Informational - The alarm is raised when the Ingress Multicast Path Management ancillary path bandwidth limit is reached. This can be remedied by modifying the ancillary path limit located at T1 Paths tab of the multicast bandwidth policy which assigned to the card, or increase the ancillary path limit override located at the Daughter Card tab under Daughter Card Slot form.		

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Table 14-5 AreaTypeMismatch

Alarm	Attributes	Applicable major releases
Name: AreaTypeMismatch (38) Type: configurationAlarm (11) Package: ospf Raised on class: ospf.Area	Severity: warning Implicitly cleared: true Default probable cause: areaTypeMisconfigured (34)	<ul style="list-style-type: none"> • 6.0 • 7.0 • 8.0
Description: The alarm is raised when an OSPF area on one NE is configured as an NSSA and the same OSPF area on another NE is configured as a stub area.		
Raising condition: ('Type Mismatch' EQUAL 'true')		
Clearing condition: ('Type Mismatch' EQUAL 'false')		
Remedial action: A configuration error has been made which must be corrected. The OSPF area type configured for the NE does not match with the same OSPF area configured on another NE. Compare the configuration on the endpoint and correct the mismatch.		

Table 14-6 AuxiliaryServerStatus

Alarm	Attributes	Applicable major releases
Name: AuxiliaryServerStatus (311) Type: communicationsAlarm (4) Package: server Raised on class: server.AuxiliaryServer	Severity: critical Implicitly cleared: true Default probable cause: systemFailed (144)	<ul style="list-style-type: none"> • 6.0 • 7.0 • 8.0
Description: The alarm is raised when a 5620 SAM main server cannot communicate with an auxiliary server. The alarm clears when communication is restored.		
Raising condition: ('Server Status' EQUAL 'Down')		
Clearing condition: ('Server Status' EQUAL 'Up')		
Remedial action: Informational - if the alarm persists or is occurring frequently then investigation is required to understand why the connectivity between the AUX and SAM servers is unreliable.		

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Table 14-7 BgpASAdminDomainNumberMismatch

Alarm	Attributes	Applicable major releases
Name: BgpASAdminDomainNumberMismatch (427) Type: configurationAlarm (11) Package: topology Raised on class: topology.Cpaa	Severity: critical Implicitly cleared: true Default probable cause: configuredASNotMatchBgpASAdminDomain (338)	<ul style="list-style-type: none"> • 6.0 • 7.0 • 8.0
Description: The alarm is raised when a 7701 CPAA BGP AS does not match the BGP AS administrative domain.		
Raising condition: ('BGP AS Number Mismatch' EQUAL 'true')		
Clearing condition: ('BGP AS Number Mismatch' EQUAL 'false')		
Remedial action: The configured AS number for BGP AS and Sub-AS should match the configured values on the CPAA.		

Table 14-8 BgpDown

Alarm	Attributes	Applicable major releases
Name: BgpDown (6) Type: ProtocolAlarm (1) Package: bgp Raised on class: bgp.Site	Severity: critical Implicitly cleared: true Default probable cause: protocolDown (1)	<ul style="list-style-type: none"> • 6.0 • 7.0 • 8.0
Description: The alarm is raised when a BGP instance has an Operational State other than Up, and the Administrative State is Up.		
Raising condition: (('Administrative State' EQUAL 'Up') AND ('Operational State' NOT EQUAL 'Up'))		
Clearing condition: (('Operational State' EQUAL 'Up') OR ('Administrative State' NOT EQUAL 'Up'))		
Remedial action: The BGP protocol entity is down - administratively disable BGP and re-enable. If the problem persists please contact Alcatel-Lucent support for assistance.		

Table 14-9 BootableConfigBackupFailed

Alarm	Attributes	Applicable major releases
Name: BootableConfigBackupFailed (103) Type: configurationAlarm (11) Package: sw Raised on class: sw.BackupRestoreManager	Severity: major Implicitly cleared: true Default probable cause: fileTransferFailure (89)	<ul style="list-style-type: none"> • 6.0 • 7.0 • 8.0
Description: The alarm is raised when the 5620 SAM fails to back up a set of NE configuration files.		
Raising condition: ('Backup State' EQUAL 'Failure')		
Clearing condition: ('Backup State' EQUAL 'Success')		
Remedial action: Investigation is required to resolve the following possible scenarios: insufficient disk space is available to accommodate the NE configuration files (additional SAM platform alarms will accompany this alarm); the NE is unreachable (including underlying transport network issue); loss of connectivity to the NE during transfer; the FTP daemon on the NE may have stopped; FTP security credential issues.		

Table 14-10 BootableConfigRestoreFailed

Alarm	Attributes	Applicable major releases
Name: BootableConfigRestoreFailed (104) Type: configurationAlarm (11) Package: sw Raised on class: sw.BackupRestoreManager	Severity: major Implicitly cleared: true Default probable cause: fileTransferFailure (89)	<ul style="list-style-type: none"> • 6.0 • 7.0 • 8.0
Description: The alarm is raised when the 5620 SAM fails to restore a set of NE configuration files.		
Raising condition: ('Restore State' EQUAL 'Failure')		
Clearing condition: ('Restore State' EQUAL 'Success')		
Remedial action: Investigation is required to resolve the following possible scenarios: the NE is unreachable (including underlying transport network issue); loss of connectivity to the NE during transfer; the FTP daemon on the NE may have stopped; FTP security credential issues.		

Table 14-11 BootParametersMisconfigured

Alarm	Attributes	Applicable major releases
Name: BootParametersMisconfigured (35) Type: configurationAlarm (11) Package: netw Raised on class: netw.NetworkElement	Severity: critical Implicitly cleared: true Default probable cause: persistentIndexFailure (30) Applicable probable causes: <ul style="list-style-type: none"> • persistentIndexFailure • configFileBootFailure 	<ul style="list-style-type: none"> • 6.0 • 7.0 • 8.0
Description: The alarm is raised when the SNMP Index Boot Status on an NE is not set to Persistent.		
Raising condition: (('isGenericNode' EQUAL 'false') AND ('State' NOT EQUAL 'Pre-provisioned') AND (((('Config File Status' NOT EQUAL 'Executed Successfully') AND ('Config File Status' NOT EQUAL 'configFileStatus_unspecified')) OR (('Persistent Index Status' NOT EQUAL 'Rebuild Succeeded') AND ('Persistent Index Status' NOT EQUAL 'persistentIndexStatus_unspecified'))))		
Clearing condition: (('Config File Status' EQUAL 'Executed Successfully') AND ('Persistent Index Status' EQUAL 'Rebuild Succeeded'))		
Remedial action: Ensure that "SNMP Index Boot Status" is persistent (using cli command "show system information" on the NE). If not, unmanage the network element from SAM, ensure that "persist on" is set in the bof file, save the bof, save a config file, verify that an index file (.ndx) is saved as well, reboot the router, verify that SNMP Index Boot Status is persistent and finally remanage the router from SAM.		

Table 14-12 ClientDelegateServerStatus

Alarm	Attributes	Applicable major releases
Name: ClientDelegateServerStatus (731) Type: communicationsAlarm (4) Package: server Raised on class: server.ClientDelegateServer	Severity: critical Implicitly cleared: true Default probable cause: systemFailed (144)	<ul style="list-style-type: none"> • 6.0 • 7.0 • 8.0
Description: The alarm is raised when a client delegate server is unreachable.		

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Alarm	Attributes	Applicable major releases
Raising condition: ('Server Status' EQUAL 'Down')		
Clearing condition: ('Server Status' EQUAL 'Up')		
Remedial action: Informational - if the alarm persists or is occurring frequently then investigation is required to understand why the connectivity between the client delegate platform and SAM servers is unreliable or the client delegate server itself is unreliable.		

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Table 14-13 ContainingEquipmentAdministrativelyDown

Alarm	Attributes	Applicable major releases
Name: ContainingEquipmentAdministrativelyDown (466) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.Port	Severity: minor Implicitly cleared: true Default probable cause: containingEquipmentAdministrativelyDown (330)	<ul style="list-style-type: none"> • 6.0 • 7.0 • 8.0
Description: The alarm is raised when the compositeEquipmentState attribute has a value of containingEquipmentAdministrativelyDown.		
Raising condition: (('Status' EQUAL 'Parent Admin Down') AND ('isTerminatable' EQUAL 'true'))		
Clearing condition: (('Status' NOT EQUAL 'Parent Admin Down') OR ('isTerminatable' NOT EQUAL 'true'))		
Remedial action: Informational - no corrective action required.		

Table 14-14 ContainingEquipmentMismatch

Alarm	Attributes	Applicable major releases
Name: ContainingEquipmentMismatch (464) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.Port	Severity: major Implicitly cleared: true Default probable cause: containingEquipmentMismatch (328)	<ul style="list-style-type: none"> • 6.0 • 7.0 • 8.0
Description: The alarm is raised when the compositeEquipmentState attribute has a value of containingEquipmentMismatch.		
Raising condition: (('Status' EQUAL 'Parent Type Mismatch') AND ('isTerminatable' EQUAL 'true'))		
Clearing condition: (('Status' NOT EQUAL 'Parent Type Mismatch') OR ('isTerminatable' NOT EQUAL 'true'))		
Remedial action: A configuration error has occurred which must be corrected. The card type configured for the slot identified in the alarm must match the installed card type.		

Table 14-15 ContainingEquipmentOperationallyDown

Alarm	Attributes	Applicable major releases
Name: ContainingEquipmentOperationallyDown (465) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.Port	Severity: major Implicitly cleared: true Default probable cause: containingEquipmentDown (329)	<ul style="list-style-type: none"> • 6.0 • 7.0 • 8.0
Description: The alarm is raised when the compositeEquipmentState attribute has a value of containingEquipmentOperationallyDown.		
Raising condition: (('Status' EQUAL 'Parent Oper Down') AND ('isTerminatable' EQUAL 'true'))		
Clearing condition: (('Status' NOT EQUAL 'Parent Oper Down') OR ('isTerminatable' NOT EQUAL 'true'))		
Remedial action: The operational state of the equipment element indicated in the alarm is down. This may be due to the element's administrative state or it may indicate that the element has failed.		

Table 14-16 CorruptImageFile

Alarm	Attributes	Applicable major releases
Name: CorruptImageFile (171) Type: configurationAlarm (11) Package: mediation Raised on class: mediation.AbstractSoftwareFolderDescriptor	Severity: critical Implicitly cleared: true Default probable cause: invalidOrCorruptImageFile (134)	<ul style="list-style-type: none"> • 6.0 • 7.0 • 8.0
Description: The alarm is raised when one or more files in the 5620 SAM software image specified for a device software upgrade is invalid, corrupt or absent. The 5620 SAM validates a device software file set before it imports the file set and distributes it to an NE. Ensure that the file set downloads properly to the NE and is not tampered with before you re-attempt the upgrade. The alarm clears when a valid file set is on the NE and the 5620 SAM activates the software image in the file set.		
Raising condition: ('isImageValid' EQUAL 'false')		
Clearing condition: ('isImageValid' EQUAL 'true')		
Remedial action: The existing SW image in the SAM database should be replaced with an image that is known to be complete and valid.		

Table 14-17 downgradedCardAlarm

Alarm	Attributes	Applicable major releases
Name: downgradedCardAlarm (256) Type: softwareAlarm (19) Package: equipment Raised on class: equipment.Card	Severity: warning Implicitly cleared: true Default probable cause: downgradedCard (195)	<ul style="list-style-type: none"> • 6.0 • 7.0 • 8.0
Description: The alarm is raised when an IOM is not upgraded or reset after a device software upgrade of both CPMs. A device resets an IOM automatically after 120 minutes if the IOM is not manually reset after a CPM upgrade.		

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Alarm	Attributes	Applicable major releases
Raising condition: ('operationalState' EQUAL 'Downgrade')		
Clearing condition: ('operationalState' EQUAL 'Up')		
Remedial action: Informational - no corrective action required.		

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Table 14-18 EquipmentAdministrativelyDown

Alarm	Attributes	Applicable major releases
Name: EquipmentAdministrativelyDown (455) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.Equipment	Severity: minor Implicitly cleared: true Default probable cause: equipmentAdministrativelyDown (326)	<ul style="list-style-type: none"> • 6.0 • 7.0 • 8.0
Description: The alarm is raised when the compositeEquipmentState attribute has a value of equipmentAdministrativelyDown.		
Raising condition: ('compositeEquipmentState' EQUAL 'Admin Down')		
Clearing condition: ('compositeEquipmentState' NOT EQUAL 'Admin Down')		
Remedial action: Informational - no corrective action required.		

Table 14-19 EquipmentDegraded

Alarm	Attributes	Applicable major releases
Name: EquipmentDegraded (604) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.FanTray	Severity: minor Implicitly cleared: true Default probable cause: singleFanFailure (450)	<ul style="list-style-type: none"> • 6.0 • 7.0 • 8.0
Description: The alarm is raised when a single fan fails. The chassis attempts to continue operating within the normal temperature range using only the remaining fans.		
Raising condition: ('Device State' EQUAL 'MinorFailure')		
Clearing condition: ('Device State' NOT EQUAL 'MinorFailure')		
Remedial action: The failed fan unit should be replaced.		

Table 14-20 EquipmentDown

Alarm	Attributes	Applicable major releases
Name: EquipmentDown (10) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.Equipment	Severity: major Implicitly cleared: true Default probable cause: inoperableEquipment (8)	<ul style="list-style-type: none"> • 6.0 • 7.0 • 8.0
Description: The alarm is raised when the compositeEquipmentState attribute has a value of equipmentOperationallyDown.		
Raising condition: ('compositeEquipmentState' EQUAL 'Oper Down')		
Clearing condition: ('compositeEquipmentState' NOT EQUAL 'Oper Down')		
Remedial action: This alarm indicates that a card in the NE has failed. The card must be replaced.		

Table 14-21 EquipmentFailure

Alarm	Attributes	Applicable major releases
Name: EquipmentFailure (145) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.ReplaceableUnit	Severity: critical Implicitly cleared: true Default probable cause: cardFailure (123)	<ul style="list-style-type: none"> • 6.0 • 7.0 • 8.0
Description: The alarm is raised when a control processor or power-supply tray reports a failure. When the object type is ControlProcessor, a CPM may be unable to boot. When the object type is Power Supply Tray and the alarm is raised during device discovery, a power-supply tray may be out of service. When the object type is a Power Supply Tray and the device is in the managed state, a power-supply tray may be out of service or the AC power shelf has a fault condition. The alarm clears when the status changes to OK.		
Raising condition: ('operationalState' EQUAL 'Failed')		
Clearing condition: ('operationalState' NOT EQUAL 'Failed')		
Remedial action: If the alarm indicates that the CPM card has a fault, remove the card and reset it. If this does not clear the alarm then please contact Alcatel-Lucent support for assistance. If the alarm indicates that the Power Supply tray is out of service ensure that the NE is properly connected to power. If the problem persists please contact Alcatel-Lucent support for assistance.		

Table 14-22 EquipmentInTest

Alarm	Attributes	Applicable major releases
Name: EquipmentInTest (11) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.Equipment	Severity: warning Implicitly cleared: true Default probable cause: equipmentInTest (9)	<ul style="list-style-type: none"> • 6.0 • 7.0 • 8.0
Description: The alarm is raised when equipment enters a diagnostic state.		
Raising condition: ('compositeEquipmentState' EQUAL 'In Test')		
Clearing condition: ('compositeEquipmentState' NOT EQUAL 'In Test')		

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Alarm	Attributes	Applicable major releases
Remedial action: Informational - no corrective action required.		

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Table 14-23 EquipmentMismatch

Alarm	Attributes	Applicable major releases
Name: EquipmentMismatch (9) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.Equipment	Severity: major Implicitly cleared: true Default probable cause: equipmentTypeMismatch (7)	<ul style="list-style-type: none"> • 6.0 • 7.0 • 8.0
Description: The alarm is raised when the compositeEquipmentState attribute has a value of equipmentMismatch.		
Raising condition: ('compositeEquipmentState' EQUAL 'Type Mismatch')		
Clearing condition: ('compositeEquipmentState' NOT EQUAL 'Type Mismatch')		
Remedial action: A configuration error has occurred which must be corrected. The card type configured for the slot identified in the alarm must match the installed card type.		

Table 14-24 EquipmentRemoved

Alarm	Attributes	Applicable major releases
Name: EquipmentRemoved (8) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.Equipment	Severity: major Implicitly cleared: true Default probable cause: replaceableEquipmentRemoved (6)	<ul style="list-style-type: none"> • 6.0 • 7.0 • 8.0
Description: The alarm is raised when the compositeEquipmentState attribute has a value of equipmentMissing.		
Raising condition: (((('isEquipped' EQUAL 'false') OR ('compositeEquipmentState' EQUAL 'Removed')) AND ('isEquipmentInserted' EQUAL 'true'))		
Clearing condition: (('compositeEquipmentState' NOT EQUAL 'Removed') AND ('isEquipped' EQUAL 'true'))		
Remedial action: Informational - this alarm is raised when a card is removed.		

Table 14-25 EthernetPortConfiguredLoopback

Alarm	Attributes	Applicable major releases
Name: EthernetPortConfiguredLoopback (801) Type: configurationAlarm (11) Package: ethernetequipment Raised on class: ethernetequipment.EthernetPortSpecifics	Severity: warning Implicitly cleared: true Default probable cause: ethernetPortConfiguredLoopback (567)	<ul style="list-style-type: none"> • 6.0 • 7.0 • 8.0

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Alarm	Attributes	Applicable major releases
Description: The alarm is raised when a timed loopback is in effect for an Ethernet port.		
Raising condition: (('Type' NOT EQUAL 'None'))		
Clearing condition: (('Type' EQUAL 'None'))		
Remedial action: This alarm has been raised by the node because "Timed Loopback" option of the specific port's Ethernet property has been enabled. To resolve this problem from "Ethernet" tab of "Physical Port" properties form configure "Timed Loopback" Type property as "None".		

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Table 14-26 EthernetPortDuplicateLane

Alarm	Attributes	Applicable major releases
Name: EthernetPortDuplicateLane (3557) Type: communicationsAlarm (4) Package: ethernetequipment Raised on class: ethernetequipment.EthernetPortSpecifics	Severity: major Implicitly cleared: true Default probable cause: DuplicateLane (1387)	<ul style="list-style-type: none"> • 6.0 • 7.0 • 8.0
Description: The alarm is raised when a device reports a Duplicate Lane on an Ethernet port.		
Raising condition: (('Outstanding Alarms'anyBit'Duplicate Lane') AND ('Report Alarms'anyBit'Duplicate Lane'))		
Clearing condition: NOT (('Outstanding Alarms'anyBit'Duplicate Lane') AND ('Report Alarms'anyBit'Duplicate Lane'))		
Remedial action: One of the following conditions exists on the referenced physical interface which must be corrected. A cable/fiber fault exists which must be corrected - check to ensure that the cable is not faulty and is properly connected. The port is faulty - run diagnostics on the port to determine the nature of the fault. If the problem cannot be resolved swap the card containing the port with a card which is known be functional.		

Table 14-27 EthernetPortHighBer

Alarm	Attributes	Applicable major releases
Name: EthernetPortHighBer (307) Type: communicationsAlarm (4) Package: ethernetequipment Raised on class: ethernetequipment.EthernetPortSpecifics	Severity: major Implicitly cleared: true Default probable cause: HighBer (238)	<ul style="list-style-type: none"> • 6.0 • 7.0 • 8.0
Description: The alarm is raised when a device reports a high bit-error rate on an Ethernet port.		
Raising condition: (('Outstanding Alarms'anyBit'High Bit Error Rate') AND ('Report Alarms'anyBit'High Bit Error Rate'))		
Clearing condition: NOT (('Outstanding Alarms'anyBit'High Bit Error Rate') AND ('Report Alarms'anyBit'High Bit Error Rate'))		
Remedial action: One of the following conditions exists on the physical interface which must be corrected. A cable/fiber fault exists which must be corrected - check to ensure that the cable is not faulty and is properly connected. The port is faulty - run diagnostics on the port to determine the nature of the fault.		

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Table 14-28 EthernetPortLocalFault

Alarm	Attributes	Applicable major releases
Name: EthernetPortLocalFault (305) Type: communicationsAlarm (4) Package: ethernetequipment Raised on class: ethernetequipment.EthernetPortSpecifics	Severity: major Implicitly cleared: true Default probable cause: LocalFault (236)	<ul style="list-style-type: none"> • 6.0 • 7.0 • 8.0
Description: The alarm is raised when a device reports a local fault on an Ethernet port.		
Raising condition: (('Outstanding Alarms'anyBit'Local Fault') AND ('Report Alarms'anyBit'Local Fault'))		
Clearing condition: NOT (('Outstanding Alarms'anyBit'Local Fault') AND ('Report Alarms'anyBit'Local Fault'))		
Remedial action: One of the following conditions exists on the physical interface which must be corrected. A cable/fiber fault exists which must be corrected - check to ensure that the cable is not faulty and is properly connected. The port is faulty - run diagnostics on the port to determine the nature of the fault.		

Table 14-29 EthernetPortNoAmLock

Alarm	Attributes	Applicable major releases
Name: EthernetPortNoAmLock (3558) Type: communicationsAlarm (4) Package: ethernetequipment Raised on class: ethernetequipment.EthernetPortSpecifics	Severity: major Implicitly cleared: true Default probable cause: NoAmLock (1388)	<ul style="list-style-type: none"> • 6.0 • 7.0 • 8.0
Description: The alarm is raised when a device reports a No Am Lock on an Ethernet port.		
Raising condition: (('Outstanding Alarms'anyBit'No AM Lock') AND ('Report Alarms'anyBit'No AM Lock'))		
Clearing condition: NOT (('Outstanding Alarms'anyBit'No AM Lock') AND ('Report Alarms'anyBit'No AM Lock'))		
Remedial action: One of the following conditions exists on the referenced physical interface which must be corrected. A cable/fiber fault exists which must be corrected - check to ensure that the cable is not faulty and is properly connected. The port is faulty - run diagnostics on the port to determine the nature of the fault. If the problem cannot be resolved swap the card containing the port with a card which is known be functional.		

Table 14-30 EthernetPortNoBlockLock

Alarm	Attributes	Applicable major releases
Name: EthernetPortNoBlockLock (3559) Type: communicationsAlarm (4) Package: ethernetequipment Raised on class: ethernetequipment.EthernetPortSpecifics	Severity: major Implicitly cleared: true Default probable cause: NoBlockLock (1389)	<ul style="list-style-type: none"> • 6.0 • 7.0 • 8.0
Description: The alarm is raised when a device reports a No Block Lock on an Ethernet port.		
Raising condition: (('Outstanding Alarms'anyBit'No Block Lock') AND ('Report Alarms'anyBit'No Block Lock'))		

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Alarm	Attributes	Applicable major releases
Clearing condition: NOT (('Outstanding Alarms'anyBit'No Block Lock') AND ('Report Alarms'anyBit'No Block Lock'))		
Remedial action: One of the following conditions exists on the referenced physical interface which must be corrected. A cable/fiber fault exists which must be corrected - check to ensure that the cable is not faulty and is properly connected. The port is faulty - run diagnostics on the port to determine the nature of the fault. If the problem cannot be resolved swap the card containing the port with a card which is known be functional.		

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Table 14-31 EthernetPortNoFrameLock

Alarm	Attributes	Applicable major releases
Name: EthernetPortNoFrameLock (306) Type: communicationsAlarm (4) Package: ethernetequipment Raised on class: ethernetequipment.EthernetPortSpecifics	Severity: major Implicitly cleared: true Default probable cause: NoFrameLock (237)	<ul style="list-style-type: none"> • 6.0 • 7.0 • 8.0
Description: The alarm is raised when a device reports No Frame Lock on an Ethernet port.		
Raising condition: (('Outstanding Alarms'anyBit'No Frame Lock') AND ('Report Alarms'anyBit'No Frame Lock'))		
Clearing condition: NOT (('Outstanding Alarms'anyBit'No Frame Lock') AND ('Report Alarms'anyBit'No Frame Lock'))		
Remedial action: One of the following conditions exists on the physical interface which must be corrected. A cable/fiber fault exists which must be corrected - check to ensure that the cable is not faulty and is properly connected. The port is faulty - run diagnostics on the port to determine the nature of the fault.		

Table 14-32 EthernetPortRemoteFault

Alarm	Attributes	Applicable major releases
Name: EthernetPortRemoteFault (304) Type: communicationsAlarm (4) Package: ethernetequipment Raised on class: ethernetequipment.EthernetPortSpecifics	Severity: major Implicitly cleared: true Default probable cause: RemoteFault (235)	<ul style="list-style-type: none"> • 6.0 • 7.0 • 8.0
Description: The alarm is raised when a device reports a remote fault on an Ethernet port.		
Raising condition: (('Outstanding Alarms'anyBit'Remote Fault') AND ('Report Alarms'anyBit'Remote Fault'))		
Clearing condition: NOT (('Outstanding Alarms'anyBit'Remote Fault') AND ('Report Alarms'anyBit'Remote Fault'))		
Remedial action: One of the following conditions exists on the remote physical interface which must be corrected. A cable/fiber fault exists which must be corrected - check to ensure that the cable is not faulty and is properly connected. The port is faulty - run diagnostics on the port to determine the nature of the fault.		

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Table 14-33 EthernetPortSignalFailure

Alarm	Attributes	Applicable major releases
Name: EthernetPortSignalFailure (303) Type: communicationsAlarm (4) Package: ethernetequipment Raised on class: ethernetequipment.EthernetPortSpecifics	Severity: major Implicitly cleared: true Default probable cause: SignalFailure (234)	<ul style="list-style-type: none"> • 6.0 • 7.0 • 8.0
Description: The alarm is raised when a device reports a signal failure on an Ethernet port.		
Raising condition: (('Outstanding Alarms'anyBit'Signal Failure') AND ('Report Alarms'anyBit'Signal Failure'))		
Clearing condition: NOT (('Outstanding Alarms'anyBit'Signal Failure') AND ('Report Alarms'anyBit'Signal Failure'))		
Remedial action: One of the following conditions exists on the physical interface which must be corrected. A cable/fiber fault exists which must be corrected - check to ensure that the cable is not faulty and is properly connected. The port is faulty - run diagnostics on the port to determine the nature of the fault.		

Table 14-34 FanFailure

Alarm	Attributes	Applicable major releases
Name: FanFailure (624) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.FanTray	Severity: critical Implicitly cleared: true Default probable cause: fanFailure (116)	<ul style="list-style-type: none"> • 6.0 • 7.0 • 8.0
Description: The alarm is raised when the associated fan is not operationally Up.		
Raising condition: (('Device State' EQUAL 'Failed') OR ('Device State' EQUAL 'Unknown') OR ('Device State' EQUAL 'OutOfservice'))		
Clearing condition: ('Device State' EQUAL 'OK')		
Remedial action: Remove and reset the fan unit. If this does not resolve the problem replace the fan.		

Table 14-35 FanTrayRemoved

Alarm	Attributes	Applicable major releases
Name: FanTrayRemoved (569) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.FanTray	Severity: critical Implicitly cleared: true Default probable cause: FanTrayRemoved (438)	<ul style="list-style-type: none"> • 6.0 • 7.0 • 8.0
Description: The alarm is raised when the deviceState attribute has a value of deviceNotEquipped.		
Raising condition: ('Device State' EQUAL 'Not Equipped')		
Clearing condition: ('Device State' NOT EQUAL 'Not Equipped')		
Remedial action: Informational - a fan tray has been removed from the NE.		

Table 14-36 FrameSizeProblem (netw)

Alarm	Attributes	Applicable major releases
Name: FrameSizeProblem (37) Type: configurationAlarm (11) Package: netw Raised on class: netw.StatefullConnectableInterface	Severity: critical Implicitly cleared: true Default probable cause: frameSizeProblem (33)	<ul style="list-style-type: none"> • 6.0 • 7.0 • 8.0
Description: The alarm is raised when a provisioned MTU size value is greater than the supported MTU size value.		
Raising condition: (('mtuMismatch' EQUAL 'true') AND ('portId' NOT EQUAL '0L'))		
Clearing condition: (('mtuMismatch' EQUAL 'false') OR ('portId' EQUAL '0L'))		
Remedial action: A configuration error has been made which must be corrected. The MTU value must be changed such that is less than or equal to the supported MTU size value.		

Table 14-37 GaPeerDown

Alarm	Attributes	Applicable major releases
Name: GaPeerDown (3303) Type: EpcAlarm (59) Package: Iteggns Raised on class: Iteggns.GaPeer	Severity: major Implicitly cleared: true Default probable cause: EPSPeerDown (602)	<ul style="list-style-type: none"> • 6.0 • 7.0 • 8.0
Description: The alarm is raised when the path management state of a Ga peer changes to a state other than Up.		
Raising condition: ('Path Management State' NOT EQUAL 'Active')		
Clearing condition: ('Path Management State' EQUAL 'Active')		
Remedial action: A Ga reference point (peer) is operationally down for one of the following reasons: the underlying IP or physical interface is down, the far end peer is down or the underlying transport between this NE and the peer NE is down. To resolve the issue ensure that the IP/physical interface is up, check that the far end peer is operational and check that the underlying transport network is up.		

Table 14-38 IncompleteConfiguration

Alarm	Attributes	Applicable major releases
Name: IncompleteConfiguration (1942) Type: operationalViolation (93) Package: netw Raised on class: netw.NetworkElement	Severity: warning Implicitly cleared: true Default probable cause: incompleteConfig (225)	<ul style="list-style-type: none"> • 6.0 • 7.0 • 8.0
Description: The alarm is raised when a pre-provisioned NE has no objects configured beneath it.		
Raising condition: (('State' EQUAL 'Pre-provisioned') AND ('eNodeB Equipment' EQUAL '\'))		
Clearing condition: (('State' EQUAL 'Pre-provisioned') AND ('eNodeB Equipment' NOT EQUAL '\'))		

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Alarm	Attributes	Applicable major releases
Remedial action: A configuration error has been made which must be corrected. The configuration of the pre-provisioned NE is incomplete. A work order was not associated with the pre-provisioned NE and as a consequence the attempt to auto-configure the NE failed.		

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Table 14-39 InterfaceDown (netw)

Alarm	Attributes	Applicable major releases
Name: InterfaceDown (36) Type: InterfaceAlarm (13) Package: netw Raised on class: netw.StatefullConnectableInterface	Severity: critical Implicitly cleared: true Default probable cause: interfaceDown (32)	<ul style="list-style-type: none"> • 6.0 • 7.0 • 8.0
Description: The alarm is raised when an interface or underlying resource fails, as indicated by an interface compositeState attribute value of failed or underlyingResourceFailed.		
Raising condition: (('compositeState' EQUAL 'Inoperable') OR ('compositeState' EQUAL 'Underlying Resource Inoperable'))		
Clearing condition: (('compositeState' NOT EQUAL 'Inoperable') AND ('compositeState' NOT EQUAL 'Underlying Resource Inoperable'))		
Remedial action: A physical port (physical interface, LAG, channel) associated with the network interface in not operation. Ensure that the interface is cabled and that there is not a configuration error (i.e. MTU size set incorrectly) on the interface. Once the issue w		

Table 14-40 InterfaceNeighborDown

Alarm	Attributes	Applicable major releases
Name: InterfaceNeighborDown (661) Type: NeighborDown (20) Package: ospf Raised on class: ospf.Interface	Severity: warning Implicitly cleared: true Default probable cause: NeighborDown (103)	<ul style="list-style-type: none"> • 6.0 • 7.0 • 8.0
Description: The alarm is raised when an interface neighbor is operationally down.		
Raising condition: (('Neighbor Count' EQUAL '0L') AND ('interfaceClass' NOT EQUAL 'System') AND ('Passive' NOT EQUAL 'true'))		
Clearing condition: (('Neighbor Count' NOT EQUAL '0L') OR ('Passive' EQUAL 'true'))		
Remedial action: This alarm is raised when the OSPF interface neighbor is operationally down. The situation may occur if the underlying physical interface is down either because of administrative disabling or a fault on the far end port or due to a cable connection or cable failure. This alarm will also be raised if the underlying transport network fails or is unreliable. Resolving the underlying instability in the transport network will correct this problem.		

Table 14-41 IsisAdjacencyDown

Alarm	Attributes	Applicable major releases
Name: IsisAdjacencyDown (153) Type: adjacencyAlarm (31) Package: isis Raised on class: isis.Interface	Severity: minor Implicitly cleared: true Default probable cause: IsisInterfaceDown (232)	<ul style="list-style-type: none"> • 6.0 • 7.0 • 8.0
Description: The alarm is raised when an IS-IS interface has no adjacencies, for example, because the IS-IS protocol on the remote site is down.		
Raising condition: (('Adjacency Count' EQUAL '0L') AND ('interfaceClass' NOT EQUAL 'System') AND ('Passive' NOT EQUAL 'True'))		
Clearing condition: (('Adjacency Count' > '0L') OR ('Passive' EQUAL 'True'))		
Remedial action: Check remote site to see if corresponding IS-IS interface is configured and admin up.		

Table 14-42 IsisDown

Alarm	Attributes	Applicable major releases
Name: IsisDown (19) Type: ProtocolAlarm (1) Package: isis Raised on class: isis.Site	Severity: critical Implicitly cleared: true Default probable cause: protocolDown (1)	<ul style="list-style-type: none"> • 6.0 • 7.0 • 8.0
Description: The alarm is raised when an IS-IS site has an Operational State other than Up, and the Administrative State is Up.		
Raising condition: (('Administrative State' EQUAL 'Up') AND ('Operational State' NOT EQUAL 'Up'))		
Clearing condition: (('Operational State' EQUAL 'Up') OR ('Administrative State' NOT EQUAL 'Up'))		
Remedial action: The protocol is not working anymore, could be a problem with IP addresses, resources on the device, ...		

Table 14-43 IsisInterfaceDown

Alarm	Attributes	Applicable major releases
Name: IsisInterfaceDown (301) Type: ProtocolAlarm (1) Package: isis Raised on class: isis.Interface	Severity: warning Implicitly cleared: true Default probable cause: protocolDown (1)	<ul style="list-style-type: none"> • 6.0 • 7.0 • 8.0
Description: The alarm is raised when an IS-IS interface has an Operational State other than Up.		
Raising condition: ('Operational State' EQUAL 'Down')		
Clearing condition: ('Operational State' NOT EQUAL 'Down')		
Remedial action: Check if underlying port is down, or associated network interface is down.		

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Table 14-44 LagPortAddFailed

Alarm	Attributes	Applicable major releases
Name: LagPortAddFailed (422) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.PhysicalPort	Severity: warning Implicitly cleared: true Default probable cause: linkDown (315)	<ul style="list-style-type: none"> • 6.0 • 7.0 • 8.0
Description: The alarm is raised when the Lag Port Add function Fails.		
Raising condition: (('state' EQUAL 'Link Down') AND ('LAG ID' > '0'))		
Clearing condition: (('state' NOT EQUAL 'Link Down') OR ('LAG ID' EQUAL '0'))		
Remedial action: A configuration error has occurred which must be corrected. The link that was to be added to the LAG group may be of the wrong type (i.e. non ethernet) or the limit of the number of links supported in a LAG may have been reached.		

Table 14-45 LicensedLimitExceeded

Alarm	Attributes	Applicable major releases
Name: LicensedLimitExceeded (127) Type: licensingAlarm (23) Package: security Raised on class: security.ProductLicense	Severity: critical Implicitly cleared: true Default probable cause: licensedLimitExceeded (106)	<ul style="list-style-type: none"> • 6.0 • 7.0 • 8.0
Description: The alarm is raised when the license items in the network exceeds 100 percent of the license capacity.		
Raising condition: ('Exceeded' EQUAL 'true')		
Clearing condition: ('Exceeded' NOT EQUAL 'true')		
Remedial action: Informational - The number of SAM licenses purchased and available on the SAM server is insufficient as compared to the number of NEs/MDA/Cells under management in the network. Please contact Alcatel-Lucent Sales to purchase additional licenses.		

Table 14-46 LinkDown (equipment)

Alarm	Attributes	Applicable major releases
Name: LinkDown (12) Type: communicationsAlarm (4) Package: equipment Raised on class: equipment.Equipment	Severity: major Implicitly cleared: true Default probable cause: portLinkProblem (10)	<ul style="list-style-type: none"> • 6.0 • 7.0 • 8.0
Description: The alarm is raised when a port has no associated physical link or remote end point is operationally down.		
Raising condition: (('compositeEquipmentState' EQUAL 'Link Down') OR ('compositeEquipmentState' EQUAL 'Oper Down'))		
Clearing condition: (('compositeEquipmentState' NOT EQUAL 'Link Down') AND ('compositeEquipmentState' NOT EQUAL 'Oper Down'))		
Remedial action: Please make sure that port has physical link and remote end point is operationally up.		

Table 14-47 LowTemperatureDetected

Alarm	Attributes	Applicable major releases
Name: LowTemperatureDetected (1127) Type: environmentalAlarm (2) Package: equipment Raised on class: equipment.Shelf	Severity: major Implicitly cleared: true Default probable cause: equipmentOvercooled (838)	<ul style="list-style-type: none"> • 6.0 • 7.0 • 8.0
Description: The alarm is raised when the chassis temperature falls below the minimum threshold.		
Raising condition: ('Low Temperature State' EQUAL 'Low')		
Clearing condition: ('Low Temperature State' NOT EQUAL 'Low')		
Remedial action: The NE has detected internal temperatures which are abnormally low. This may happen when the environment that the NE is operating in may not be within specifications found in the NE user guides.		

Table 14-48 MobileConnectorDown

Alarm	Attributes	Applicable major releases
Name: MobileConnectorDown (1064) Type: EpcAlarm (59) Package: Iteservice Raised on class: Iteservice.MobileServiceConnector	Severity: minor Implicitly cleared: true Default probable cause: EpcDown (519)	<ul style="list-style-type: none"> • 6.0 • 7.0 • 8.0
Description: The alarm is raised when the 5620 SAM no longer manages the EPS path instance of this mobile service site. As a result, the service must be regenerated.		
Raising condition: ('EPS Path' EQUAL '\\"')		
Clearing condition: ('EPS Path' NOT EQUAL '\\"')		
Remedial action: The underlying transport network has gone down resulting in the deletion of a mobile service connector (EPS path). Correct the issue with the transport network and regenerate the mobile service connector by clicking on the re-calculate button on the mobile service properties form.		

Table 14-49 MvrSiteDown

Alarm	Attributes	Applicable major releases
Name: MvrSiteDown (162) Type: ProtocolAlarm (1) Package: layer2 Raised on class: layer2.MvrSite	Severity: warning Implicitly cleared: true Default probable cause: protocolDown (1)	<ul style="list-style-type: none"> • 6.0 • 7.0 • 8.0
Description: The alarm is raised when MVR is disabled on an NE and a TLS VLAN or MVR VLAN service is provisioned on the NE.		
Raising condition: ('MVR Admin Status' EQUAL 'Disabled')		
Clearing condition: ('MVR Admin Status' EQUAL 'Enabled')		
Remedial action: To clear the alarm, enable MVR Admin Status under the Bridge Instance.		

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Table 14-50 NeighborDown

Alarm	Attributes	Applicable major releases
Name: NeighborDown (121) Type: NeighborDown (20) Package: ospf Raised on class: ospf.AbstractNeighbor	Severity: major Implicitly cleared: true Default probable cause: NeighborDown (103)	<ul style="list-style-type: none"> • 6.0 • 7.0 • 8.0
Description: The alarm is raised when an OSPF interface neighbor is operationally Down.		
Raising condition: ('Operational State' NOT EQUAL 'full')		
Clearing condition: ('Operational State' EQUAL 'full')		
Remedial action: This alarm is raised when the OSPF interface neighbor is operationally down. The situation may occur if the underlying physical interface is down either because of administrative disabling or a fault on the far end port or due to a cable connection or cable failure. This alarm will also be raised if the underlying transport network fails or is unreliable. Resolving the underlying instability in the transport network will correct this problem.		

Table 14-51 NeManagementAndTrapManagementMismatch

Alarm	Attributes	Applicable major releases
Name: NeManagementAndTrapManagementMismatch (1079) Type: communicationsAlarm (4) Package: netw Raised on class: netw.NetworkElement	Severity: warning Implicitly cleared: true Default probable cause: neManagementChange (817)	<ul style="list-style-type: none"> • 6.0 • 7.0 • 8.0
Description: This user-defined alarm is raised when the NE configuration is one of the following: - The Active Management IP is set to Out Of Band, and the Primary Route Preference is set to In Band. - The Active Management IP is set to In Band, and the Primary Route Preference is set to Out of Band.		
Raising condition: (((('Active Management IP' EQUAL 'In Band') AND (('Management IP Selection' EQUAL 'In Band Preferred') OR ('Management IP Selection' EQUAL 'In Band Only'))) AND ('Primary Route Preference' EQUAL 'Out Of Band') AND ('Secondary Route Preference' EQUAL 'In Band')) OR (('Active Management IP' EQUAL 'Out Of Band') AND (('Management IP Selection' EQUAL 'Out Of Band Preferred') OR ('Management IP Selection' EQUAL 'Out Of Band Only'))) AND ('Primary Route Preference' EQUAL 'In Band') AND ('Secondary Route Preference' EQUAL 'Out Of Band'))		
Clearing condition: (((('Active Management IP' EQUAL 'In Band') AND (('Management IP Selection' EQUAL 'In Band Preferred') OR ('Management IP Selection' EQUAL 'In Band Only'))) AND ('Primary Route Preference' EQUAL 'In Band')) OR (('Active Management IP' EQUAL 'Out Of Band') AND (('Management IP Selection' EQUAL 'Out Of Band Preferred') OR ('Management IP Selection' EQUAL 'Out Of Band Only'))) AND ('Primary Route Preference' EQUAL 'Out Of Band'))		
Remedial action: A configuration error has been made which must be corrected. The parameters described in the description for this alarm must match.		

Table 14-52 NewSsh2ServerKeyDetected

Alarm	Attributes	Applicable major releases
Name: NewSsh2ServerKeyDetected (285) Type: communicationsAlarm (4) Package: security Raised on class: security.KnownHostKey	Severity: warning Implicitly cleared: true Default probable cause: ssh2ServerKeyMismatch (217)	<ul style="list-style-type: none"> • 6.0 • 7.0 • 8.0
Description: The alarm is raised when a 5620 SAM main server detects a new public SSH key.		
Raising condition: ('SSH2 Server Key Status' EQUAL 'Mismatch SSH2 Host Key')		
Clearing condition: ('SSH2 Server Key Status' EQUAL 'Active SSH2 Host Key')		
Remedial action: Informational - possible security breach. The SSH key of the router is different from the one known to the SAM server.		

Table 14-53 NodeDatabaseFallbackDetected

Alarm	Attributes	Applicable major releases
Name: NodeDatabaseFallbackDetected (2923) Type: communicationsAlarm (4) Package: netw Raised on class: netw.NetworkElement	Severity: major Implicitly cleared: true Default probable cause: nodeDatabaseFallback (1121)	<ul style="list-style-type: none"> • 6.0 • 7.0 • 8.0
Description: The alarm is raised when a configuration fallback is detected on the node and comes back up with a previous configuration. To correct this situation it might be necessary to reconfigure the node, or perform full resync its database with the 'fallback' configuration returned by the node.		
Raising condition: ('State' EQUAL 'Node Configuration Fallback')		
Clearing condition: ('State' EQUAL 'Managed')		
Remedial action: the NE has come back to a previous configuration. Perform a manual Full Resync or a Reconfigure of the NE		

Table 14-54 NodeDatabaseMisalignmentDetected

Alarm	Attributes	Applicable major releases
Name: NodeDatabaseMisalignmentDetected (2924) Type: communicationsAlarm (4) Package: netw Raised on class: netw.NetworkElement	Severity: major Implicitly cleared: true Default probable cause: nodeDatabaseMisalignment (1122)	<ul style="list-style-type: none"> • 6.0 • 7.0 • 8.0
Description: The alarm is raised when a configuration misalignment has been detected on the node and comes back up with an unexpected configuration (configuration change triggered by external tool) To correct this situation it might be necessary to reconfigure the node with the 5620 SAM's old configuration or accept the new configuration received from the node.		
Raising condition: ('State' EQUAL 'Node Configuration Misalignment')		
Clearing condition: ('State' EQUAL 'Managed')		
Remedial action: the NE configuration is misaligned. Perform a resync in order to update SAM configuration according to the NE.		

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Table 14-55 NodeRebooted

Alarm	Attributes	Applicable major releases
Name: NodeRebooted (32) Type: equipmentAlarm (3) Package: netw Raised on class: netw.NetworkElement	Severity: warning Implicitly cleared: false Default probable cause: nodeReboot (25)	<ul style="list-style-type: none"> • 6.0 • 7.0 • 8.0
Description: The alarm is raised when the 5620 SAM detects an NE reboot based on the latest NE sysUpTime value.		
Remedial action: Informational - if the alarm persists please contact Alcatel-Lucent support for assistance		

Table 14-56 NodeSuspended

Alarm	Attributes	Applicable major releases
Name: NodeSuspended (5123) Type: communicationsAlarm (4) Package: netw Raised on class: netw.NetworkElement	Severity: critical Implicitly cleared: true Default probable cause: NodeSuspend (2057)	<ul style="list-style-type: none"> • 6.0 • 7.0 • 8.0
Description: The alarm is raised when the 5620 SAM detects an NE moved to suspend state as per user request.		
Raising condition: ('SNMP Reachability' EQUAL 'Suspended')		
Clearing condition: ('SNMP Reachability' NOT EQUAL 'Suspended')		
Remedial action: This alarm is raised when user suspends the network element. The alarm will be cleared when the network element is managed back.		

Table 14-57 OrphanNodeDetected

Alarm	Attributes	Applicable major releases
Name: OrphanNodeDetected (4866) Type: discoveryControlAlarm (33) Package: netw Raised on class: netw.AdvertisedNode	Severity: major Implicitly cleared: true Default probable cause: nodeNotMangedByAnyEms (1934)	<ul style="list-style-type: none"> • 6.0 • 7.0 • 8.0
Description: The alarm is raised when node is node managed by any EMS after n retries(threshold crossed) it is manually cleared by the operator or when the node is discovered.		
Raising condition: ('State' EQUAL 'Orphan')		
Remedial action: The NE is not managed by any SAM. Add an discovery rule in order to managed it.		

Table 14-58 OspfInterfaceDown

Alarm	Attributes	Applicable major releases
Name: OspfInterfaceDown (141) Type: OspfInterfaceDown (24) Package: ospf Raised on class: ospf.Interface	Severity: warning Implicitly cleared: true Default probable cause: OspfInterfaceDown (112)	<ul style="list-style-type: none"> • 6.0 • 7.0 • 8.0
Description: The alarm is raised when an OSPF interface is operationally down.		
Raising condition: ('operationalState' EQUAL 'Down')		
Clearing condition: ('operationalState' NOT EQUAL 'Down')		
Remedial action: This alarm is raised when the OSPF interface is operationally down. The situation may occur if the underlying physical interface is down either because of administrative disabling or a fault on the far end port or due to a cable connection or cable failure. This alarm will also be raised if the underlying transport network fails or is unreliable. Resolving the underlying instability in the transport network will correct this problem.		

Table 14-59 OverTemperatureDetected

Alarm	Attributes	Applicable major releases
Name: OverTemperatureDetected (388) Type: environmentalAlarm (2) Package: equipment Raised on class: equipment.Shelf	Severity: major Implicitly cleared: true Default probable cause: equipmentOverheated (5)	<ul style="list-style-type: none"> • 6.0 • 7.0 • 8.0
Description: The alarm is raised when the chassis temperature exceeds the maximum threshold value.		
Raising condition: ('Over Temperature State' EQUAL 'Over')		
Clearing condition: ('Over Temperature State' NOT EQUAL 'Over')		
Remedial action: The NE has detected internal temperatures which are abnormally high. This could be caused by a failed fan unit or one or more dirty fan filters. Replacing the failed unit or filters should resolve the problem. Alternately the environment that the NE is operating in may not be within specifications found in the NE user guides.		

Table 14-60 PartialResyncProblem

Alarm	Attributes	Applicable major releases
Name: PartialResyncProblem (4401) Type: communicationsAlarm (4) Package: netw Raised on class: netw.NetworkElement	Severity: warning Implicitly cleared: true Default probable cause: partialResyncProblem (1578)	<ul style="list-style-type: none"> • 6.0 • 7.0 • 8.0
Description: The alarm is raised when a partial resync on an NE fails. For example, when resyncing only some MIB entries as opposed to a full resync. The periodic reachability test (sysUpTime) is not considered a partial resync, neither is a full resync. However, a PartialResyncProblem alarm can only be reset by a FullResync.		
Raising condition: ('partialResyncStatus' EQUAL 'Partial Resync Failed')		

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Alarm	Attributes	Applicable major releases
Clearing condition: ('partialResyncStatus' EQUAL 'Partial Resync Done')		
Remedial action: Informational - if the alarm persists or is occurring frequently then investigation is required to understand a) why the underlying transport network is unreliable or b) why the NE is too busy to respond to 5620 SAM or c) has SNMP been disabled on the NE.		

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Table 14-61 PeerConnectionDown (bgp)

Alarm	Attributes	Applicable major releases
Name: PeerConnectionDown (2) Type: ProtocolAlarm (1) Package: bgp Raised on class: bgp.Peer	Severity: critical Implicitly cleared: true Default probable cause: connectionDown (2)	<ul style="list-style-type: none"> • 6.0 • 7.0 • 8.0
Description: The alarm is raised when a BGP peer has a Connection State other than Established, and the Administrative State of the BGP peer is Up.		
Raising condition: (('Connection State' NOT EQUAL 'Established') AND ('Administrative State' EQUAL 'Up'))		
Clearing condition: (('Connection State' EQUAL 'Established') OR ('Administrative State' NOT EQUAL 'Up'))		
Remedial action: A mismatch in configuration may have occurred. Check the configuration of both peers to rule out a mismatched configuration.		

Table 14-62 PeerDown (bgp)

Alarm	Attributes	Applicable major releases
Name: PeerDown (1) Type: ProtocolAlarm (1) Package: bgp Raised on class: bgp.Peer	Severity: critical Implicitly cleared: true Default probable cause: protocolDown (1)	<ul style="list-style-type: none"> • 6.0 • 7.0 • 8.0
Description: The alarm is raised when a BGP peer has an Operational State other than Up, and the Administrative State is Up.		
Raising condition: (('Administrative State' EQUAL 'Up') AND ('Operational State' NOT EQUAL 'Up'))		
Clearing condition: (('Operational State' EQUAL 'Up') OR ('Administrative State' NOT EQUAL 'Up'))		
Remedial action: The BGP peer entity is down - administratively disable the BGP peer and re-enable it. If toggling the administrative state does not solve the problem check that the physical interface and network connection to the far end peer are up and operational. If the problem persists please contact Alcatel-Lucent support for assistance.		

Table 14-63 PeerGroupDown (bgp)

Alarm	Attributes	Applicable major releases
Name: PeerGroupDown (5) Type: ProtocolAlarm (1) Package: bgp Raised on class: bgp.PeerGroup	Severity: critical Implicitly cleared: true Default probable cause: protocolDown (1)	<ul style="list-style-type: none"> • 6.0 • 7.0 • 8.0
Description: The alarm is raised when a BGP peer group has an Operational State other than Up, and the Administrative State is Up.		
Raising condition: (('Administrative State' EQUAL 'Up') AND ('Operational State' NOT EQUAL 'Up'))		
Clearing condition: (('Operational State' EQUAL 'Up') OR ('Administrative State' NOT EQUAL 'Up'))		
Remedial action: The BGP peer group is down - administratively disable the BGP peer group and re-enable it. If the problem persists please contact Alcatel-Lucent support for assistance.		

Table 14-64 PersistentIndexParametersMisconfigured

Alarm	Attributes	Applicable major releases
Name: PersistentIndexParametersMisconfigured (173) Type: configurationAlarm (11) Package: netw Raised on class: netw.NetworkElement	Severity: major Implicitly cleared: true Default probable cause: persistentIndexConfigurationMismatch (136)	<ul style="list-style-type: none"> • 6.0 • 7.0 • 8.0
Description: The alarm is raised when persistence is set to Off in the NE BOF.		
Raising condition: (('Persistent SNMP Indices' EQUAL 'False') OR (('hasRedundantProcessorCards' EQUAL 'true') AND ('Redundant Synchronization Mode' EQUAL 'None')))		
Clearing condition: (('Persistent SNMP Indices' EQUAL 'True') AND (('hasRedundantProcessorCards' EQUAL 'false') OR ('Redundant Synchronization Mode' NOT EQUAL 'None')))		
Remedial action: A configuration error has occurred that must be corrected. Use the CLI on the NE to enable persistency in the BOF. The discovery process will complete on the next discovery scan. A re-scan can be triggered immediately for the NE from within the discovery manager		

Table 14-65 PollerProblem

Alarm	Attributes	Applicable major releases
Name: PollerProblem (31) Type: communicationsAlarm (4) Package: netw Raised on class: netw.NetworkElement	Severity: warning Implicitly cleared: true Default probable cause: resyncFailed (24)	<ul style="list-style-type: none"> • 6.0 • 7.0 • 8.0
Description: The alarm is raised when the 5620 SAM is unable to poll a network object, for example, because of intermittent or no IP connectivity to an NE, incorrect SNMP security parameters, or disabled SNMP on the NE.		
Raising condition: ('Resync Status' EQUAL 'Full Resync Failed')		

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Alarm	Attributes	Applicable major releases
Clearing condition: ('Resync Status' EQUAL 'Full Resync Done')		
Remedial action: Informational - if the alarm persists or is occurring frequently then investigation is required to understand a) why the underlying transport network is unreliable or b) why the NE is too busy to respond to 5620 SAM or c) has SNMP been disabled on the NE. Once the issue has been resolved SAM will automatically re-attempt.		

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Table 14-66 PortEtherSymMonSDAlarm

Alarm	Attributes	Applicable major releases
Name: PortEtherSymMonSDAlarm (5662) Type: communicationsAlarm (4) Package: ethernetequipment Raised on class: ethernetequipment.EthernetPortSpecifics	Severity: major Implicitly cleared: true Default probable cause: etherPortSymMonSDThresholdExceededAlarm (2439)	<ul style="list-style-type: none"> • 6.0 • 7.0 • 8.0
Description: The alarm is raised when an Ethernet port Symbol Monitor Failure alarm condition is detected (Signal Degradation Threshold exceeded).		
Raising condition: ('Symbol Alarm Reason' EQUAL 'SD Threshold Exceeded')		
Clearing condition: ('Symbol Alarm Reason' NOT EQUAL 'SD Threshold Exceeded')		
Remedial action: Symbol monitor signal degradation alarm could be cleared by changing/disabling the associated threshold/multiplier values or it is self clearing and will clear once the error rate drops below 1/10th of the configured rate.		

Table 14-67 PortEtherSymMonSFAlarm

Alarm	Attributes	Applicable major releases
Name: PortEtherSymMonSFAlarm (5663) Type: communicationsAlarm (4) Package: ethernetequipment Raised on class: ethernetequipment.EthernetPortSpecifics	Severity: major Implicitly cleared: true Default probable cause: etherPortSymMonSFThresholdExceededAlarm (2440)	<ul style="list-style-type: none"> • 6.0 • 7.0 • 8.0
Description: The alarm is raised when an Ethernet port Symbol Monitor Failure alarm condition is detected (Signal Failure Threshold exceeded).		
Raising condition: ('Symbol Alarm Reason' EQUAL 'SF Threshold Exceeded')		
Clearing condition: ('Symbol Alarm Reason' NOT EQUAL 'SF Threshold Exceeded')		
Remedial action: Symbol monitor signal failure alarm could be cleared by changing/disabling the associated threshold/multiplier values or by taking the port out of service (eg. shutdown, card/mda reset, physical link loss).		

Table 14-68 PowerSupplyFailure

Alarm	Attributes	Applicable major releases
Name: PowerSupplyFailure (633) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.PowerSupplyTray	Severity: critical Implicitly cleared: true Default probable cause: powerSupplyFailure (117)	<ul style="list-style-type: none"> • 6.0 • 7.0 • 8.0
Description: The alarm is raised when a power-supply tray reports a failure. When the alarm is raised during device discovery, a power-supply tray may be out of service. When the alarm is raised while the device is in the managed state, a power-supply tray may be out of service or the AC power shelf has a fault condition. The alarm clears when the status changes to OK.		
Raising condition: (('Power Supply 1 Status' EQUAL 'Not Equipped') OR ('Power Supply 1 Status' EQUAL 'Failed'))		
Clearing condition: (('Power Supply 1 Status' EQUAL 'OK'))		
Remedial action: Ensure that the NE is properly connected to power. If the problem persists please contact Alcatel-Lucent support for assistance.		

Table 14-69 PowerSupplyInputFeedDown

Alarm	Attributes	Applicable major releases
Name: PowerSupplyInputFeedDown (5422) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.PowerSupplyTray	Severity: minor Implicitly cleared: true Default probable cause: powerSupplyInputFeedDown (2073)	<ul style="list-style-type: none"> • 6.0 • 7.0 • 8.0
Description: This alarm is generated if any one of the input feeds for a given power supply is not supplying power.		
Raising condition: (('inputFeedStatus' EQUAL 'Input A Down') OR ('inputFeedStatus' EQUAL 'Input B Down') OR (('inputFeedStatus'allBits'Input A Down') AND ('inputFeedStatus'allBits'Input B Down'))		
Clearing condition: ('inputFeedStatus' EQUAL 'None')		
Remedial action: Restore all of the input feeds that are not supplying power.		

Table 14-70 PowerSupplyRemoved

Alarm	Attributes	Applicable major releases
Name: PowerSupplyRemoved (542) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.PowerSupplyTray	Severity: major Implicitly cleared: true Default probable cause: PowerSupplyRemoved (415)	<ul style="list-style-type: none"> • 6.0 • 7.0 • 8.0
Description: The alarm is raised when a chassis power supply is removed.		
Raising condition: ('Power Supply 1 Status' EQUAL 'Not Equipped')		
Clearing condition: ('Power Supply 1 Status' NOT EQUAL 'Not Equipped')		
Remedial action: To recover from this event, the customer is requested to add a new power supply to the system, or change a faulty power supply with a working one.		

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Table 14-71 PrimaryImageBootFailure

Alarm	Attributes	Applicable major releases
Name: PrimaryImageBootFailure (191) Type: configurationAlarm (11) Package: sw Raised on class: sw.CardSoftware	Severity: warning Implicitly cleared: true Default probable cause: bootOptionFileMisconfigured (150)	<ul style="list-style-type: none"> • 6.0 • 7.0 • 8.0
Description: The alarm is raised when the primary software image specified in an NE BOF is unusable.		
Raising condition: (('imageSource' NOT EQUAL 'Primary') AND ('imageSource' NOT EQUAL 'Unknown'))		
Clearing condition: (('imageSource' EQUAL 'Primary') OR ('imageSource' EQUAL 'Unknown'))		
Remedial action: The SW image on the NE may have been inadvertently corrupted. Download a new copy of the SW image to the NE. If the problem persists contact Alcatel-Lucent support for assistance.		

Table 14-72 PrimaryPathLimitReached

Alarm	Attributes	Applicable major releases
Name: PrimaryPathLimitReached (457) Type: resourceAlarm (28) Package: equipment Raised on class: equipment.DaughterCard	Severity: warning Implicitly cleared: true Default probable cause: resourceLimitReached (131)	<ul style="list-style-type: none"> • 7.0 • 8.0
Description: The alarm is raised when the Ingress Multicast Path Management primary path bandwidth limit is reached.		
Raising condition: (('Primary Path Limit Override' > '0') AND ('Primary Path In use' >= (1000 * 'Primary Path Limit Override'))"		
Clearing condition: (('Primary Path Limit Override' > '0') AND ('Primary Path In use' < (1000 * 'Primary Path Limit Override'))"		
Remedial action: Informational - The alarm is raised when the Ingress Multicast Path Management primary path bandwidth limit is reached. This can be remedied by modifying the primary path limit located at T1 Paths tab of the multicast bandwidth policy which assigned to the card, or increase the primary path limit override located at the Daughter Card tab under Daughter Card Slot form.		

Table 14-73 RadiusOperStatusDown

Alarm	Attributes	Applicable major releases
Name: RadiusOperStatusDown (3692) Type: radiusOperStatusDownAlarm (105) Package: netw Raised on class: netw.NetworkElement	Severity: critical Implicitly cleared: true Default probable cause: radiusOperationStatusDown (1431)	<ul style="list-style-type: none"> • 6.0 • 7.0 • 8.0
Description: The alarm is raised when all RADIUS servers have gone down.		
Raising condition: ('Global RADIUS Operational State' EQUAL 'Down')		
Clearing condition: ('Global RADIUS Operational State' EQUAL 'Up')		
Remedial action: Verify the RADIUS server is properly configured and radius server state is up. Check the connectivity between SAM server and radius server configured on the Network element.		

Table 14-74 ReachabilityProblem

Alarm	Attributes	Applicable major releases
Name: ReachabilityProblem (243) Type: communicationsAlarm (4) Package: netw Raised on class: netw.NetworkElement	Severity: major Implicitly cleared: true Default probable cause: ReachabilityTestFailed (176)	<ul style="list-style-type: none"> • 6.0 • 7.0 • 8.0
Description: The alarm is raised when a mediation poll of the SysUpTimeAlarm object on an NE fails, for example, because of network congestion or because the NE is too busy to respond. The probable cause is an unreachable NE Mediation agent on the NE. The polling interval depends on the NE type and is configurable in nms-server.xml. By default, the 5620 SAM polls a managed NE every four minutes. If a poll fails, the alarm is raised. The alarm clears when the 5620 SAM receives a response from the NE, and the 5620 SAM GUI icon that represents the NE turns from red to green.		
Raising condition: ('SNMP Reachability' EQUAL 'Down')		
Remedial action: Informational - if the alarm persists or is occurring frequently then investigation is required to understand a) why the underlying transport network is unreliable or b) why the NE is too busy to respond to 5620 SAM or c) has SNMP been disabled on the NE. Once the issue has been resolved SAM will automatically re-attempt.		

Table 14-75 ReconfigFailure

Alarm	Attributes	Applicable major releases
Name: ReconfigFailure (1949) Type: communicationsAlarm (4) Package: netw Raised on class: netw.NetworkElement	Severity: critical Implicitly cleared: true Default probable cause: failedReconfig (937)	<ul style="list-style-type: none"> • 6.0 • 7.0 • 8.0
Description: This alarm is raised when the reconfig action failed.		
Raising condition: ('State' EQUAL 'Failed')		
Clearing condition: ('State' NOT EQUAL 'Failed')		
Remedial action: Verify that the object is configured as expected.		

Table 14-76 RipDown

Alarm	Attributes	Applicable major releases
Name: RipDown (72) Type: ProtocolAlarm (1) Package: rip Raised on class: rip.Site	Severity: critical Implicitly cleared: true Default probable cause: protocolDown (1)	<ul style="list-style-type: none"> • 6.0 • 7.0 • 8.0
Description: The alarm is raised when a RIP site has an Operational State other than Up, and the Administrative State is Up.		
Raising condition: (('Administrative State' EQUAL 'Up') AND ('Operational State' NOT EQUAL 'Up'))		
Clearing condition: (('Operational State' EQUAL 'Up') OR ('Administrative State' NOT EQUAL 'Up'))		
Remedial action: The RIP Site is down while it is administratively up. Please check the node e.g. IOM is not shutdown or installed.		

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Table 14-77 SaveConfigFailed

Alarm	Attributes	Applicable major releases
Name: SaveConfigFailed (105) Type: configurationAlarm (11) Package: sw Raised on class: sw.BackupRestoreManager	Severity: major Implicitly cleared: true Default probable cause: fileAccessError (90)	<ul style="list-style-type: none"> • 6.0 • 7.0 • 8.0
Description: The alarm is raised when the admin save command on an NE fails.		
Raising condition: ('Config Save State' EQUAL 'Failure')		
Clearing condition: ('Config Save State' EQUAL 'Success')		
Remedial action: Attempt the admin save command a second time. If the problem persists please contact Alcatel-Lucent support for assistance.		

Table 14-78 ScheduledPollerProblem

Alarm	Attributes	Applicable major releases
Name: ScheduledPollerProblem (4386) Type: communicationsAlarm (4) Package: netw Raised on class: netw.NetworkElement	Severity: warning Implicitly cleared: true Default probable cause: scheduledResyncFailed (1569)	<ul style="list-style-type: none"> • 6.0 • 7.0 • 8.0
Description: The alarm is raised when the 5620 SAM is unable to poll a network object, for example, because of intermittent or no IP connectivity to an NE, incorrect SNMP security parameters, or disabled SNMP on the NE.		
Raising condition: ('Scheduled Resync Status' EQUAL 'Scheduled Resync Failed')		
Clearing condition: ('Scheduled Resync Status' EQUAL 'Scheduled Resync Done')		
Remedial action: Informational - if the alarm persists or is occurring frequently then investigation is required to understand a) why the underlying transport network is unreliable or b) why the NE is too busy to respond to 5620 SAM or c) has SNMP been disabled on the NE. Once the issue has been resolved SAM will automatically re-attempt.		

Table 14-79 SecondaryPathLimitReached

Alarm	Attributes	Applicable major releases
Name: SecondaryPathLimitReached (458) Type: resourceAlarm (28) Package: equipment Raised on class: equipment.DaughterCard	Severity: warning Implicitly cleared: true Default probable cause: resourceLimitReached (131)	<ul style="list-style-type: none"> • 7.0 • 8.0
Description: The alarm is raised when the Ingress Multicast Path Management secondary path bandwidth limit is reached.		
Raising condition: (('Secondary Path Limit Override' > '0') AND ('Secondary Path In use' >= (1000 * 'Secondary Path Limit Override'))"		
Clearing condition: (('Secondary Path Limit Override' > '0') AND ('Secondary Path In use' < (1000 * 'Secondary Path Limit Override'))"		

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Alarm	Attributes	Applicable major releases
Remedial action: Informational - The alarm is raised when the Ingress Multicast Path Management secondary path bandwidth limit is reached. This can be remedied by modifying the secondary path limit located at T1 Paths tab of the multicast bandwidth policy which assigned to the card, or increase the secondary path limit override located at the Daughter Card tab under Daughter Card Slot form.		

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Table 14-80 StatsRetrieveFailed

Alarm	Attributes	Applicable major releases
Name: StatsRetrieveFailed (244) Type: configurationAlarm (11) Package: sw Raised on class: sw.AccountingStatsRetrievalManager	Severity: major Implicitly cleared: false Default probable cause: fileTransferFailure (89)	<ul style="list-style-type: none"> • 6.0 • 7.0 • 8.0
Description: The alarm is raised when the 5620 SAM main or auxiliary server cannot transfer an accounting file from an NE.		
Raising condition: (('Stats Retrieval State' NOT EQUAL 'Success') AND ('Stats Retrieval State' NOT EQUAL 'Not Attempted'))		
Remedial action: Informational - if the alarm persists or is occurring frequently then investigation is required to understand a) why the underlying transport network is unreliable or b) why the NE is too busy or otherwise cannot respond to the 5620 SAM main or auxiliary server.		

Table 14-81 SubscriberSystemNextHopUsageHigh

Alarm	Attributes	Applicable major releases
Name: SubscriberSystemNextHopUsageHigh (5157) Type: thresholdCrossed (6) Package: netw Raised on class: netw.NetworkElement	Severity: minor Implicitly cleared: true Default probable cause: resourceFull (53)	<ul style="list-style-type: none"> • 6.0 • 7.0 • 8.0
Description: The alarm is raised when the IP next-hop usage by subscriber managed routes reaches its high watermark, cleared when it reaches its low watermark again; the watermarks are derived from the limit specified with the property subSysNextHopLimit.		
Raising condition: ('IP Next Hop Usage High' EQUAL 'true')		
Clearing condition: ('IP Next Hop Usage High' EQUAL 'false')		
Remedial action: The alarm is raised when the IP next-hop usage by subscriber managed routes reaches its high watermark, cleared when it reaches its low watermark again; the watermarks are derived from the limit specified with the property subSysNextHopLimit. There is no immediate effect, but when the usage actually hits the limit, new hosts will not get their managed routes.		

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Table 14-82 SubSysChassMemoryUsageHi

Alarm	Attributes	Applicable major releases
Name: SubSysChassMemoryUsageHi (5656) Type: thresholdCrossed (6) Package: equipment Raised on class: equipment.Shelf	Severity: minor Implicitly cleared: true Default probable cause: resourceFull (53)	<ul style="list-style-type: none"> • 6.0 • 7.0 • 8.0
Description: This alarm is raised when the memory usage by subscriber management on this system or chassis reaches its high watermark ('true').		
Raising condition: ('Memory Usage High' EQUAL 'True')		
Clearing condition: (('Memory Usage High' EQUAL 'False') OR ('Memory Usage High' EQUAL 'unspecified'))		
Remedial action: The memory usage by subscriber management on this system has reached its high watermark. Please check your memory usage.		

Table 14-83 TemperatureThresholdCrossed

Alarm	Attributes	Applicable major releases
Name: TemperatureThresholdCrossed (7) Type: environmentalAlarm (2) Package: equipment Raised on class: equipment.Environment	Severity: major Implicitly cleared: true Default probable cause: equipmentOverheated (5)	<ul style="list-style-type: none"> • 6.0 • 7.0 • 8.0
Description: The alarm is raised when a temperature crosses a threshold.		
Raising condition: ('temperatureThresholdCrossed' EQUAL 'true')		
Clearing condition: ('temperatureThresholdCrossed' EQUAL 'false')		
Remedial action: The NE has detected internal temperatures which are abnormally high. This could be caused by a failed fan unit or one or more dirty fan filters. Replacing the failed unit or filters should resolve the problem. Alternately the environment that the NE is operating in may not be within specifications found in the NE user guides.		

Table 14-84 TmnxEqPortEtherLoopDetected

Alarm	Attributes	Applicable major releases
Name: TmnxEqPortEtherLoopDetected (461) Type: portEtherLoopDetected (48) Package: ethernetequipment Raised on class: ethernetequipment.EthernetPortSpecifics	Severity: major Implicitly cleared: true Default probable cause: HighBer (238)	<ul style="list-style-type: none"> • 6.0 • 7.0 • 8.0
Description: The alarm is raised when a device detects a physical loop on an Ethernet port.		
Raising condition: (('Down When Looped Status' EQUAL 'Loop Detected'))		
Clearing condition: (('Down When Looped Status' EQUAL 'No Loop Detected'))		
Remedial action: An Ethernet port has been mis-cabled - please remove the loopback cable on the port.		

Table 14-85 TooManyCpaaForIsisLevel2

Alarm	Attributes	Applicable major releases
Name: TooManyCpaaForIsisLevel2 (384) Type: configurationAlarm (11) Package: topology Raised on class: topology.Cpaa	Severity: critical Implicitly cleared: true Default probable cause: tooManyCpaaForIsisLevel2 (288)	<ul style="list-style-type: none"> • 6.0 • 7.0 • 8.0
Description: The alarm is raised when there are too many 7701 CPAAs for IS-IS level 2.		
Raising condition: ('Too Many CPAAs (ISIS Level 2)' EQUAL 'true')		
Clearing condition: ('Too Many CPAAs (ISIS Level 2)' EQUAL 'false')		
Remedial action: Check the configuration of CPAA and make sure there is at most one CPAA configured for ISIS level 2 within an administrative domain.		

Table 14-86 TooManyCpaaPerOspfArea

Alarm	Attributes	Applicable major releases
Name: TooManyCpaaPerOspfArea (383) Type: configurationAlarm (11) Package: topology Raised on class: topology.Cpaa	Severity: critical Implicitly cleared: true Default probable cause: tooManyCpaaPerOspfArea (287)	<ul style="list-style-type: none"> • 6.0 • 7.0 • 8.0
Description: The alarm is raised when there are too many 7701 CPAAs for an OSPF area.		
Raising condition: ('Too Many CPAAs (OSPF Area)' EQUAL 'true')		
Clearing condition: ('Too Many CPAAs (OSPF Area)' EQUAL 'false')		
Remedial action: Check the configuration of CPAA and make sure there is at most one CPAA configured for an OSPF area within an administrative domain.		

Table 14-87 TooManyCpaaPerOspfv3Area

Alarm	Attributes	Applicable major releases
Name: TooManyCpaaPerOspfv3Area (4397) Type: configurationAlarm (11) Package: topology Raised on class: topology.Cpaa	Severity: critical Implicitly cleared: true Default probable cause: tooManyCpaaPerOspfv3Area (1574)	<ul style="list-style-type: none"> • 6.0 • 7.0 • 8.0
Description: The alarm is raised when there are too many 7701 CPAAs for an OSPF area.		
Raising condition: ('Too Many CPAAs (OSPFv3 Area)' EQUAL 'true')		
Clearing condition: ('Too Many CPAAs (OSPFv3 Area)' EQUAL 'false')		
Remedial action: Check the configuration of CPAA and make sure there is at most one CPAA configured for an OSPFv3 area within an administrative domain.		

Table 14-88 TrapDestinationMisconfigured

Alarm	Attributes	Applicable major releases
Name: TrapDestinationMisconfigured (33) Type: configurationAlarm (11) Package: netw Raised on class: netw.NetworkElement	Severity: major Implicitly cleared: true Default probable cause: trapDestinationMisconfigured (26) Applicable probable causes: <ul style="list-style-type: none"> trapDestinationMisconfigured duplicateTrapLogId 	<ul style="list-style-type: none"> 6.0 7.0 8.0
Description: The alarm is raised when the 5620 SAM cannot be added to the NE's SNMP trap destinations.		
Raising condition: ('isTrapDestinationMisconfigured' EQUAL 'true')		
Clearing condition: ('isTrapDestinationMisconfigured' EQUAL 'false')		
Remedial action: A configuration error has been made which must be corrected. The SNMP trap destination on the NE must be configured to the IP address of the SAM server.		

Table 14-89 TrapReceivingFailure

Alarm	Attributes	Applicable major releases
Name: TrapReceivingFailure (1083) Type: communications (87) Package: netw Raised on class: netw.NetworkElement	Severity: major Implicitly cleared: false Default probable cause: trapsWillNotBeSent (822)	<ul style="list-style-type: none"> 6.0 7.0 8.0
Description: This user-defined alarm is raised when the NE is unable to send traps because the NE configuration is one of the following: - The Management IP Selection is set to Out Of Band Only, the Primary Route Preference is set to In Band, and the Secondary Route Preference is set to None. - The Management IP Selection is set to In Band Only, the Primary Route Preference is set to Out Of Band, and the Secondary Route Preference is set to None.		
Raising condition: (('Active Management IP' EQUAL 'In Band') AND ('Management IP Selection' EQUAL 'In Band Only') AND ('Primary Route Preference' EQUAL 'Out Of Band') AND ('Secondary Route Preference' EQUAL 'None')) OR (('Active Management IP' EQUAL 'Out Of Band') AND ('Management IP Selection' EQUAL 'Out Of Band Only') AND ('Primary Route Preference' EQUAL 'In Band') AND ('Secondary Route Preference' EQUAL 'None')) OR (('Active Management IP' EQUAL 'Out Of Band') AND ('Management IP Selection' EQUAL 'In Band Preferred') AND ('Primary Route Preference' EQUAL 'In Band') AND ('Secondary Route Preference' EQUAL 'None')) OR (('Active Management IP' EQUAL 'In Band') AND ('Management IP Selection' EQUAL 'Out Of Band Preferred') AND ('Primary Route Preference' EQUAL 'Out Of Band') AND ('Secondary Route Preference' EQUAL 'None'))		
Clearing condition: (('Active Management IP' EQUAL 'In Band') AND ('Management IP Selection' EQUAL 'In Band Only') AND (('Primary Route Preference' EQUAL 'In Band') OR ('Secondary Route Preference' EQUAL 'In Band'))) OR (('Active Management IP' EQUAL 'Out Of Band') AND ('Management IP Selection' EQUAL 'Out Of Band Only') AND (('Primary Route Preference' EQUAL 'Out Of Band') OR ('Secondary Route Preference' EQUAL 'Out Of Band'))) OR (('Active Management IP' EQUAL 'Out Of Band') AND ('Management IP Selection' EQUAL 'In Band Preferred') AND (('Primary Route Preference' EQUAL 'In Band') OR ('Secondary Route Preference' EQUAL 'In Band'))) OR (('Active Management IP' EQUAL 'In Band') AND ('Management IP Selection' EQUAL 'Out Of Band Preferred') AND (('Primary Route Preference' EQUAL 'In Band') OR ('Secondary Route Preference' EQUAL 'In Band'))) OR (('Active Management IP' EQUAL 'Out Of Band') AND ('Management IP Selection' EQUAL 'Out Of Band Preferred') AND (('Primary Route Preference' EQUAL 'Out Of Band') OR ('Secondary Route Preference' EQUAL 'Out Of Band')))		
Remedial action: A configuration error has been made which must be corrected. The configuration error must be corrected per the discussion in the description for this alarm.		

Table 14-90 TrapRoutePreferenceRedundancyMissing

Alarm	Attributes	Applicable major releases
Name: TrapRoutePreferenceRedundancyMissing (1084) Type: communications (87) Package: netw Raised on class: netw.NetworkElement	Severity: warning Implicitly cleared: true Default probable cause: trapsRedundancyMissing (823)	<ul style="list-style-type: none"> • 6.0 • 7.0 • 8.0
Description: The user-defined alarm is raised when NE management redundancy is configured without trap route preference redundancy.		
Raising condition: (((('Management IP Selection' EQUAL 'In Band Preferred') AND ('Active Management IP' EQUAL 'In Band') AND ('Primary Route Preference' EQUAL 'In Band') AND ('Secondary Route Preference' EQUAL 'None')) OR (('Management IP Selection' EQUAL 'Out Of Band Preferred') AND ('Active Management IP' EQUAL 'Out Of Band') AND ('Primary Route Preference' EQUAL 'Out Of Band') AND ('Secondary Route Preference' EQUAL 'None'))))		
Clearing condition: (((('Management IP Selection' EQUAL 'In Band Preferred') AND ('Active Management IP' EQUAL 'In Band') AND ('Secondary Route Preference' NOT EQUAL 'None')) OR (('Management IP Selection' EQUAL 'Out Of Band Preferred') AND ('Active Management IP' EQUAL 'Out Of Band') AND ('Secondary Route Preference' NOT EQUAL 'None'))))		
Remedial action: A configuration error has been made which must be corrected. The IP address of the standby SAM server must be configured on the NE in question.		

Table 14-91 UnidentifiedNode

Alarm	Attributes	Applicable major releases
Name: UnidentifiedNode (1922) Type: communicationsAlarm (4) Package: netw Raised on class: netw.DiscoveredNode	Severity: major Implicitly cleared: true Default probable cause: unidentifiedNode (922)	<ul style="list-style-type: none"> • 6.0 • 7.0 • 8.0
Description: The alarm is raised when the node being discovered can not be properly identified.		
Raising condition: ('State' EQUAL 'Pending Identification')		
Clearing condition: ('State' NOT EQUAL 'Pending Identification')		
Remedial action: A configuration error has occurred that must be corrected. The eNodeB does not have a system name. The name can be configured by selecting the alarm, opening the associated properties form for the alarmed object and configuring the system name.		

Table 14-92 UnmanageFailed

Alarm	Attributes	Applicable major releases
Name: UnmanageFailed (300) Type: discoveryControlAlarm (33) Package: netw Raised on class: netw.NodeDiscoveryControl	Severity: warning Implicitly cleared: true Default probable cause: unableToDeleteNode (231)	<ul style="list-style-type: none"> • 6.0 • 7.0 • 8.0
Description: The alarm is raised when an attempt to unmanage an NE fails.		

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Alarm	Attributes	Applicable major releases
Raising condition: ('Site State' EQUAL 'Unmanage Failed')		
Clearing condition: ('Site State' NOT EQUAL 'Unmanage Failed')		
Remedial action: Informational - if the alarm persists please contact Alcatel-Lucent support for assistance		

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Table 14-93 UpgradedBuildVersionMismatch

Alarm	Attributes	Applicable major releases
Name: UpgradedBuildVersionMismatch (174) Type: configurationAlarm (11) Package: netw Raised on class: netw.NetworkElement	Severity: warning Implicitly cleared: true Default probable cause: upgradedImageNotBooted (137)	<ul style="list-style-type: none"> • 6.0 • 7.0 • 8.0
Description: The alarm is raised when the software version that an NE reports after a software upgrade does not match the version of the software used for the upgrade.		
Raising condition: ('upgradedBuildVersionMismatch' EQUAL 'true')		
Clearing condition: ('upgradedBuildVersionMismatch' EQUAL 'false')		
Remedial action: Informational - if the alarm persists please contact Alcatel-Lucent support for assistance		

Table 14-94 upgradedCardAlarm

Alarm	Attributes	Applicable major releases
Name: upgradedCardAlarm (255) Type: softwareAlarm (19) Package: equipment Raised on class: equipment.Card	Severity: warning Implicitly cleared: true Default probable cause: upgradedCard (194)	<ul style="list-style-type: none"> • 6.0 • 7.0 • 8.0
Description: The alarm is raised when the standby CPM is rebooted and operational after a software upgrade. A device resets an IOM automatically after 120 minutes if the IOM is not manually reset after a CPM upgrade.		
Raising condition: ('operationalState' EQUAL 'Upgrade')		
Clearing condition: ('operationalState' EQUAL 'Up')		
Remedial action: Informational - no corrective action required.		

Table 14-95 VersionConfigRestoreFailed

Alarm	Attributes	Applicable major releases
Name: VersionConfigRestoreFailed (536) Type: configurationAlarm (11) Package: sw Raised on class: sw.BackupRestoreManager	Severity: major Implicitly cleared: true Default probable cause: versionMismatch (405)	<ul style="list-style-type: none"> • 6.0 • 7.0 • 8.0
Description: The alarm is raised when the restore procedure on an NE fails because of a mismatch between the backup file set version and the NE software version.		
Raising condition: ('lastNmsVersionRestoreState' EQUAL 'Failure')		
Clearing condition: ('lastNmsVersionRestoreState' EQUAL 'Success')		
Remedial action: The backup files being restored do not match with the version of node software release. Download a new copy of the SW image to the NE. If the problem persists contact Alcatel-Lucent support for assistance.		

Table 14-96 WrongCpaaSoftwareVersion

Alarm	Attributes	Applicable major releases
Name: WrongCpaaSoftwareVersion (791) Type: equipmentAlarm (3) Package: netw Raised on class: netw.NetworkElement	Severity: critical Implicitly cleared: true Default probable cause: wrongCpaaSoftwareVersion (559)	<ul style="list-style-type: none"> • 6.0 • 7.0 • 8.0
Description: The alarm is raised when the 7701 CPAA software is the wrong version and requires an upgrade.		
Raising condition: (('Software Version' EQUAL '\TIMOS-B-3.0.Generic \') AND ('Chassis Type' EQUAL '7701 CPAA'))		
Clearing condition: (('Software Version' NOT EQUAL '\TIMOS-B-3.0.Generic \') AND ('Chassis Type' EQUAL '7701 CPAA'))		
Remedial action: The SW version of the CPAA must be upgraded to the version compatible with CPAM version.		

Table 14-97 XplError

Alarm	Attributes	Applicable major releases
Name: XplError (573) Type: hardwareAnomaly (55) Package: equipment Raised on class: equipment.DaughterCard	Severity: minor Implicitly cleared: true Default probable cause: xplError (443)	<ul style="list-style-type: none"> • 6.0 • 7.0 • 8.0
Description: The alarm is raised when an MDA reports persistent XPL Errors.		
Raising condition: ('Number Of Notifications' NOT EQUAL '0')		
Clearing condition: ('Number Of Notifications' EQUAL '0')		
Remedial action: Informational - if the condition persists then the MDA indicated in the alarm should be replaced.		

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Note – Some alarms that the 5620 SAM can raise against this device may not be listed in this chapter. Associating alarms with specific NE types is an ongoing Alcatel-Lucent effort. If the 5620 SAM raises an alarm against this device type, and the alarm is not described in this chapter, see chapter 41 for information about the alarm.

Table 15-1 AccessInterfaceDown

Alarm	Attributes	Applicable major releases
Name: AccessInterfaceDown (249) Type: AccessInterfaceAlarm (32) Package: service Raised on class: service.AccessInterface	Severity: critical Implicitly cleared: true Default probable cause: interfaceDown (32)	<ul style="list-style-type: none"> • 4.0 • 5.0 • 6.0 • 6.1 • 6.2
Description: The alarm is raised when an L2 or L3 interface operational state is Down. The alarm is not raised against an L2 access interface that is associated with an MC ring or MC LAG in the standby state.		
Raising condition: (('Operational State' NOT EQUAL 'Up') AND ('State Cause' NOT EQUAL 'Standby For MC-Ring') AND ('State Cause' NOT EQUAL 'Standby For MC-Lag') AND ('State Cause' NOT EQUAL 'Standby For BGP Multi-homing'))		
Clearing condition: (('Operational State' EQUAL 'Up') OR ('State Cause' EQUAL 'Standby For MC-Ring') OR ('State Cause' EQUAL 'Standby For MC-Lag') OR ('State Cause' EQUAL 'Standby For BGP Multi-homing'))		
Remedial action: The condition exists because the physical interface is down either because it is administratively disabled, faulty or a cabling fault has occurred. Ensure that the interface is administratively up. Check for a poor cable connection to the port or for a faulty cable/fiber. If neither appears to be the problem run diagnostics on the port to determine if it is faulty.		

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Table 15-2 ActiveAbnormalCondition

Alarm	Attributes	Applicable major releases
Name: ActiveAbnormalCondition (3938) Type: activeAbnormalConditionAlarm (116) Package: netw Raised on class: netw.NetworkElement	Severity: major Implicitly cleared: true Default probable cause: ActiveAbnormalConditionState (1520)	<ul style="list-style-type: none"> • 4.0 • 5.0 • 6.0 • 6.1 • 6.2
Description: The alarm is an indication for abnormal condition on NE.		
Raising condition: ('abnormalCondition' EQUAL 'true')		
Clearing condition: ('abnormalCondition' EQUAL 'false')		
Remedial action: This alarm is raised when there is a abnormal state indication on NE.		

Table 15-3 AggregatedVFLPortDown

Alarm	Attributes	Applicable major releases
Name: AggregatedVFLPortDown (5436) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.Shelf	Severity: critical Implicitly cleared: true Default probable cause: connectivityIssue (2137)	<ul style="list-style-type: none"> • 4.0 • 5.0 • 6.0 • 6.1 • 6.2
Description: The alarm is generated when the aggregated virtual fabric link on the virtual chassis slot is down.		
Raising condition: (('Shelf Type' EQUAL '7850') AND ('Total Slots' EQUAL '4') AND ('Virtual Fabric Link State' NOT EQUAL 'Up'))		
Clearing condition: (('Shelf Type' EQUAL '7850') AND ('Total Slots' EQUAL '4') AND ('Virtual Fabric Link State' EQUAL 'Up'))		
Remedial action: The alarm is raised when the aggregated virtual fabric link on the virtual chassis is down. Please check the virtual fabric links for the virtual chassis setup.		

Table 15-4 AGWDiameterPeerDown

Alarm	Attributes	Applicable major releases
Name: AGWDiameterPeerDown (844) Type: EpcAlarm (59) Package: Ite Raised on class: Ite.AGWDiameterPeer	Severity: variable Implicitly cleared: true Default probable cause: EPSPeerDown (602)	<ul style="list-style-type: none"> • 4.0 • 5.0 • 6.0 • 6.1 • 6.2
Description: The alarm is raised when the path management state of a Diameter peer changes to a state other than Up.		
Raising condition: ('Path Diameter Management State' NOT EQUAL 'Active')		
Clearing condition: ('Path Diameter Management State' EQUAL 'Active')		

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Alarm	Attributes	Applicable major releases
Remedial action: A Ga reference point (peer) is operationally down for one of the following reasons: the underlying IP or physical interface is down, the far end peer is down or the underlying transport between this NE and the peer NE is down. To resolve the issue ensure that the IP/physical interface is up, check that the far end peer is operational and check that the underlying transport network is up.		

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Table 15-5 AncillaryPathLimitReached

Alarm	Attributes	Applicable major releases
Name: AncillaryPathLimitReached (459) Type: resourceAlarm (28) Package: equipment Raised on class: equipment.DaughterCard	Severity: warning Implicitly cleared: true Default probable cause: resourceLimitReached (131)	<ul style="list-style-type: none"> • 4.0 • 5.0 • 6.0 • 6.1 • 6.2
Description: The alarm is raised when the Ingress Multicast Path Management ancillary path bandwidth limit is reached.		
Raising condition: (('Ancillary Path Limit Override' > '0') AND ('Ancillary Path In use' >= (1000 * 'Ancillary Path Limit Override'))"		
Clearing condition: (('Ancillary Path Limit Override' > '0') AND ('Ancillary Path In use' < (1000 * 'Ancillary Path Limit Override'))"		
Remedial action: Informational - The alarm is raised when the Ingress Multicast Path Management ancillary path bandwidth limit is reached. This can be remedied by modifying the ancillary path limit located at T1 Paths tab of the multicast bandwidth policy which assigned to the card, or increase the ancillary path limit override located at the Daughter Card tab under Daughter Card Slot form.		

Table 15-6 AreaTypeMismatch

Alarm	Attributes	Applicable major releases
Name: AreaTypeMismatch (38) Type: configurationAlarm (11) Package: ospf Raised on class: ospf.Area	Severity: warning Implicitly cleared: true Default probable cause: areaTypeMisconfigured (34)	<ul style="list-style-type: none"> • 4.0 • 5.0 • 6.0 • 6.1 • 6.2
Description: The alarm is raised when an OSPF area on one NE is configured as an NSSA and the same OSPF area on another NE is configured as a stub area.		
Raising condition: ('Type Mismatch' EQUAL 'true')		
Clearing condition: ('Type Mismatch' EQUAL 'false')		
Remedial action: A configuration error has been made which must be corrected. The OSPF area type configured for the NE does not match with the same OSPF area configured on another NE. Compare the configuration on the endpoint and correct the mismatch.		

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Table 15-7 AsymmetricalConfig (multichassis)

Alarm	Attributes	Applicable major releases
Name: AsymmetricalConfig (295) Type: configurationAlarm (11) Package: multichassis Raised on classes: <ul style="list-style-type: none"> multichassis.AbstractMultiChassisLag multichassis.MultiChassisLagMember multichassis.AbstractMultiChassisPeer 	Severity: major Implicitly cleared: true Default probable cause: asymmetricalConfig (226)	<ul style="list-style-type: none"> 6.0 6.1 6.2
Description: The alarm is raised when there is a peer configuration mismatch that prevents MC operation.		
Raising condition: ('Config Mismatches' NOT EQUAL '0L')		
Clearing condition: ('Config Mismatches' EQUAL '0L')		
Remedial action: Check configurations on both members to see anything not matched.		

Table 15-8 AuthKeyConflict (rsvp)

Alarm	Attributes	Applicable major releases
Name: AuthKeyConflict (5188) Type: processingErrorAlarm (81) Package: rsvp Raised on class: rsvp.AuthenticationKey	Severity: warning Implicitly cleared: true Default probable cause: AuthKeyConflict (2103)	<ul style="list-style-type: none"> 4.0 5.0 6.0 6.1 6.2
Description: The alarm is raised when both Authentication Key and RSVP Keychain are configured. RSVP Keychain will be used.		
Raising condition: (('RSVP Keychain' NOT EQUAL '') AND ('enableAuthentication' EQUAL 'true'))		
Clearing condition: (('RSVP Keychain' EQUAL '') OR ('enableAuthentication' NOT EQUAL 'true'))		
Remedial action: Authentication Key and RSVP Keychain are both configured. RSVP Keychain will be used. The alarm is cleared when only one is configured.		

Table 15-9 AuxiliaryServerStatus

Alarm	Attributes	Applicable major releases
Name: AuxiliaryServerStatus (311) Type: communicationsAlarm (4) Package: server Raised on class: server.AuxiliaryServer	Severity: critical Implicitly cleared: true Default probable cause: systemFailed (144)	<ul style="list-style-type: none"> 4.0 5.0 6.0 6.1 6.2
Description: The alarm is raised when a 5620 SAM main server cannot communicate with an auxiliary server. The alarm clears when communication is restored.		
Raising condition: ('Server Status' EQUAL 'Down')		

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Alarm	Attributes	Applicable major releases
Clearing condition: ('Server Status' EQUAL 'Up')		
Remedial action: Informational - if the alarm persists or is occurring frequently then investigation is required to understand why the connectivity between the AUX and SAM servers is unreliable.		

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Table 15-10 BerLineSignalDegradation

Alarm	Attributes	Applicable major releases
Name: BerLineSignalDegradation (88) Type: communicationsAlarm (4) Package: sonetequipment Raised on class: sonetequipment.SonetPortMonitorSpecifics	Severity: major Implicitly cleared: true Default probable cause: berLineSignalDegradation (74)	<ul style="list-style-type: none"> • 4.0 • 5.0 • 6.0 • 6.1 • 6.2
Description: The alarm is raised when a SONET port reports a line signal degradation BER error. The alarm corresponds to the lb2er-sd alarm on an NE.		
Raising condition: (('Outstanding Alarms'anyBit'BER Line Signal Degradation') AND ('Report Alarms'anyBit'BER Line Signal Degradation'))		
Clearing condition: NOT (('Outstanding Alarms'anyBit'BER Line Signal Degradation') AND ('Report Alarms'anyBit'BER Line Signal Degradation'))		
Remedial action: Informational only.		

Table 15-11 BerLineSignalFailure

Alarm	Attributes	Applicable major releases
Name: BerLineSignalFailure (89) Type: communicationsAlarm (4) Package: sonetequipment Raised on class: sonetequipment.SonetPortMonitorSpecifics	Severity: major Implicitly cleared: true Default probable cause: berLineSignalFailure (75)	<ul style="list-style-type: none"> • 4.0 • 5.0 • 6.0 • 6.1 • 6.2
Description: The alarm is raised when a SONET port reports a line signal degradation BER error. The alarm corresponds to the lb2er-sf alarm on an NE.		
Raising condition: (('Outstanding Alarms'anyBit'BER Line Signal Failure') AND ('Report Alarms'anyBit'BER Line Signal Failure'))		
Clearing condition: NOT (('Outstanding Alarms'anyBit'BER Line Signal Failure') AND ('Report Alarms'anyBit'BER Line Signal Failure'))		
Remedial action: Informational only.		

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Table 15-12 BfdInterfaceConnectionBroken

Alarm	Attributes	Applicable major releases
Name: BfdInterfaceConnectionBroken (3329) Type: serviceAlarm (16) Package: vrrp Raised on class: vrrp.BfdInterface	Severity: minor Implicitly cleared: true Default probable cause: bfdSessionConnectionBroken (593)	<ul style="list-style-type: none"> • 6.0 • 6.1 • 6.2
Description: The alarm is raised when the BFD connection to a peer times out.		
Raising condition: ('Operational State' EQUAL 'Timed Out')		
Clearing condition: ('Operational State' NOT EQUAL 'Timed Out')		
Remedial action: Check the peer router, fix the BFD connection		

Table 15-13 BfdInterfaceConnectionDown

Alarm	Attributes	Applicable major releases
Name: BfdInterfaceConnectionDown (3330) Type: serviceAlarm (16) Package: vrrp Raised on class: vrrp.BfdInterface	Severity: minor Implicitly cleared: true Default probable cause: bfdSessionDown (346)	<ul style="list-style-type: none"> • 6.0 • 6.1 • 6.2
Description: The alarm is raised when the Operational State of a BFD session is Not Connected.		
Raising condition: ('Operational State' NOT EQUAL 'Operational')		
Clearing condition: ('Operational State' EQUAL 'Operational')		
Remedial action: Check the BFD interface configuration, fix the BFD connection		

Table 15-14 BfdInterfaceConnectionPeerDetectsDown

Alarm	Attributes	Applicable major releases
Name: BfdInterfaceConnectionPeerDetectsDown (3331) Type: serviceAlarm (16) Package: vrrp Raised on class: vrrp.BfdInterface	Severity: minor Implicitly cleared: true Default probable cause: bfdSessionConnectionPeerDetectsDown (594)	<ul style="list-style-type: none"> • 6.0 • 6.1 • 6.2
Description: The alarm is raised when a BFD peer detects a connection timeout.		
Raising condition: ('Operational State' EQUAL 'Down')		
Clearing condition: ('Operational State' NOT EQUAL 'Down')		
Remedial action: Fix the BFD connection		

Table 15-15 BgpDown

Alarm	Attributes	Applicable major releases
Name: BgpDown (6) Type: ProtocolAlarm (1) Package: bgp Raised on class: bgp.Site	Severity: critical Implicitly cleared: true Default probable cause: protocolDown (1)	<ul style="list-style-type: none"> • 4.0 • 5.0 • 6.0 • 6.1 • 6.2
Description: The alarm is raised when a BGP instance has an Operational State other than Up, and the Administrative State is Up.		
Raising condition: (('Administrative State' EQUAL 'Up') AND ('Operational State' NOT EQUAL 'Up'))		
Clearing condition: (('Operational State' EQUAL 'Up') OR ('Administrative State' NOT EQUAL 'Up'))		
Remedial action: The BGP protocol entity is down - administratively disable BGP and re-enable. If the problem persists please contact Alcatel-Lucent support for assistance.		

Table 15-16 BITS2NotQualified

Alarm	Attributes	Applicable major releases
Name: BITS2NotQualified (1941) Type: communicationsAlarm (4) Package: sonet Raised on class: sonet.SiteSync	Severity: minor Implicitly cleared: true Default probable cause: timingReferenceNotQualified (418)	<ul style="list-style-type: none"> • 4.0 • 5.0 • 6.0 • 6.1 • 6.2
Description: The alarm is raised when the BITS-2 timing reference on an NE is not in the Qualified state.		
Raising condition: (('Qualified For Use' EQUAL 'Not Qualified') AND ('Input Administrative State' NOT EQUAL 'Down'))		
Clearing condition: (('Qualified For Use' NOT EQUAL 'Not Qualified') OR ('Input Administrative State' EQUAL 'Down'))		
Remedial action: Make sure that BITS2 is qualified		

Table 15-17 BITSNotQualified

Alarm	Attributes	Applicable major releases
Name: BITSNotQualified (547) Type: communicationsAlarm (4) Package: sonet Raised on class: sonet.SiteSync	Severity: minor Implicitly cleared: true Default probable cause: timingReferenceNotQualified (418)	<ul style="list-style-type: none"> • 4.0 • 5.0 • 6.0 • 6.1 • 6.2
Description: The alarm is raised when the BITS timing reference on an NE is not in the Qualified state.		
Raising condition: (('Qualified For Use' EQUAL 'Not Qualified') AND ('Output Administrative State' NOT EQUAL 'Down'))		
Clearing condition: (('Qualified For Use' NOT EQUAL 'Not Qualified') OR ('Output Administrative State' EQUAL 'Down'))		
Remedial action: Make sure that BITS is qualified		

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Table 15-18 BITSReferenceLossOfSignal

Alarm	Attributes	Applicable major releases
Name: BITSReferenceLossOfSignal (1950) Type: communicationsAlarm (4) Package: sonet Raised on class: sonet.SiteSync	Severity: minor Implicitly cleared: true Default probable cause: BITSReferenceLossOfSignal (938)	<ul style="list-style-type: none"> • 4.0 • 5.0 • 6.0 • 6.1 • 6.2
Description: The alarm is raised when the BITS reference on an NE is not qualified due to Loss of Signal.		
Raising condition: (('Not Qualified Due To'anyBit'LOS'))		
Clearing condition: NOT (('Not Qualified Due To'anyBit'LOS'))		
Remedial action: Make sure that peer connected to BITS is properly configured.		

Table 15-19 BITSReferenceOutOfFrequency

Alarm	Attributes	Applicable major releases
Name: BITSReferenceOutOfFrequency (1951) Type: communicationsAlarm (4) Package: sonet Raised on class: sonet.SiteSync	Severity: minor Implicitly cleared: true Default probable cause: BITSReferenceOutOfFrequency (939)	<ul style="list-style-type: none"> • 4.0 • 5.0 • 6.0 • 6.1 • 6.2
Description: The alarm is raised when the BITS Reference on an NE is not qualified due to Out of frequency.		
Raising condition: (('Not Qualified Due To'anyBit'OOF'))		
Clearing condition: NOT (('Not Qualified Due To'anyBit'OOF'))		
Remedial action: Make sure that frequency configured for BITS is correct.		

Table 15-20 BITSReferenceOutOfPollInRange

Alarm	Attributes	Applicable major releases
Name: BITSReferenceOutOfPollInRange (1952) Type: communicationsAlarm (4) Package: sonet Raised on class: sonet.SiteSync	Severity: minor Implicitly cleared: true Default probable cause: BITSReferenceOutOfPollInRange (940)	<ul style="list-style-type: none"> • 4.0 • 5.0 • 6.0 • 6.1 • 6.2
Description: The alarm is raised when the BITS Reference on an NE is not qualified state due to Out of poll in range.		
Raising condition: (('Not Qualified Due To'anyBit'OOPIR'))		
Clearing condition: NOT (('Not Qualified Due To'anyBit'OOPIR'))		
Remedial action: Check the BITS is configured correctly. Check the SONET port is configured correctly and that the physical layer cabling is operating correctly. Call customer support if necessary		

Table 15-21 BootableConfigBackupFailed

Alarm	Attributes	Applicable major releases
Name: BootableConfigBackupFailed (103) Type: configurationAlarm (11) Package: sw Raised on class: sw.BackupRestoreManager	Severity: major Implicitly cleared: true Default probable cause: fileTransferFailure (89)	<ul style="list-style-type: none"> • 4.0 • 5.0 • 6.0 • 6.1 • 6.2
Description: The alarm is raised when the 5620 SAM fails to back up a set of NE configuration files.		
Raising condition: ('Backup State' EQUAL 'Failure')		
Clearing condition: ('Backup State' EQUAL 'Success')		
Remedial action: Investigation is required to resolve the following possible scenarios: insufficient disk space is available to accommodate the NE configuration files (additional SAM platform alarms will accompany this alarm); the NE is unreachable (including underlying transport network issue); loss of connectivity to the NE during transfer; the FTP daemon on the NE may have stopped; FTP security credential issues.		

Table 15-22 BootableConfigRestoreFailed

Alarm	Attributes	Applicable major releases
Name: BootableConfigRestoreFailed (104) Type: configurationAlarm (11) Package: sw Raised on class: sw.BackupRestoreManager	Severity: major Implicitly cleared: true Default probable cause: fileTransferFailure (89)	<ul style="list-style-type: none"> • 4.0 • 5.0 • 6.0 • 6.1 • 6.2
Description: The alarm is raised when the 5620 SAM fails to restore a set of NE configuration files.		
Raising condition: ('Restore State' EQUAL 'Failure')		
Clearing condition: ('Restore State' EQUAL 'Success')		
Remedial action: Investigation is required to resolve the following possible scenarios: the NE is unreachable (including underlying transport network issue); loss of connectivity to the NE during transfer; the FTP daemon on the NE may have stopped; FTP security credential issues.		

Table 15-23 BootParametersMisconfigured

Alarm	Attributes	Applicable major releases
Name: BootParametersMisconfigured (35) Type: configurationAlarm (11) Package: netw Raised on class: netw.NetworkElement	Severity: critical Implicitly cleared: true Default probable cause: persistentIndexFailure (30) Applicable probable causes: <ul style="list-style-type: none"> • persistentIndexFailure • configFileBootFailure 	<ul style="list-style-type: none"> • 4.0 • 5.0 • 6.0 • 6.1 • 6.2
Description: The alarm is raised when the SNMP Index Boot Status on an NE is not set to Persistent.		

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Alarm	Attributes	Applicable major releases
Raising condition: (('isGenericNode' EQUAL 'false') AND ('State' NOT EQUAL 'Pre-provisioned') AND (('Config File Status' NOT EQUAL 'Executed Successfully') AND ('Config File Status' NOT EQUAL 'configFileStatus_unspecified')) OR (('Persistent Index Status' NOT EQUAL 'Rebuild Succeeded') AND ('Persistent Index Status' NOT EQUAL 'persistentIndexStatus_unspecified'))))		
Clearing condition: (('Config File Status' EQUAL 'Executed Successfully') AND ('Persistent Index Status' EQUAL 'Rebuild Succeeded'))		
Remedial action: Ensure that "SNMP Index Boot Status" is persistent (using cli command "show system information" on the NE). If not, unmanage the network element from SAM, ensure that "persist on" is set in the bof file, save the bof, save a config file, verify that an index file (.ndx) is saved as well, reboot the router, verify that SNMP Index Boot Status is persistent and finally remanage the router from SAM.		

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Table 15-24 BundleDown

Alarm	Attributes	Applicable major releases
Name: BundleDown (152) Type: equipmentAlarm (3) Package: bundle Raised on class: bundle.Interface	Severity: critical Implicitly cleared: true Default probable cause: bundleDown (128)	<ul style="list-style-type: none"> • 4.0 • 5.0 • 6.0 • 6.1 • 6.2
Description: The alarm is raised when the bundle Administrative State is Up and the Operational State is Down.		
Raising condition: (('Protection Type' EQUAL 'None') AND ('Administrative State' EQUAL 'Up') AND ('operationalState' NOT EQUAL 'Up') AND ('specificCardType' NOT EQUAL '16 x E1 (ASAP)'))		
Clearing condition: (('Protection Type' NOT EQUAL 'None') OR ('operationalState' EQUAL 'Up') OR ('Administrative State' NOT EQUAL 'Up'))		
Remedial action: Informational - no corrective action required.		

Table 15-25 CesBfrOverrun

Alarm	Attributes	Applicable major releases
Name: CesBfrOverrun (448) Type: communicationsAlarm (4) Package: vll Raised on class: vll.VllCesInterfaceSpecifics	Severity: major Implicitly cleared: true Default probable cause: bufferOverrun (322)	<ul style="list-style-type: none"> • 4.0 • 5.0 • 6.0 • 6.1 • 6.2
Description: The alarm is raised when the 5620 SAM detects a jitter buffer overrun.		
Raising condition: (('Report Alarm Status'anyBit'Buffer Overrun') AND ('Report Alarm'anyBit'Buffer Overrun'))		
Clearing condition: NOT (('Report Alarm Status'anyBit'Buffer Overrun') AND ('Report Alarm'anyBit'Buffer Overrun'))		
Remedial action: Informational - if the alarm persists or is occurring frequently then investigation is required to understand why the underlying transport network is unreliable.		

Table 15-26 CesBfrUnderrun

Alarm	Attributes	Applicable major releases
Name: CesBfrUnderrun (449) Type: communicationsAlarm (4) Package: vll Raised on class: vll.VIICesInterfaceSpecifics	Severity: major Implicitly cleared: true Default probable cause: bufferOverrun (322)	<ul style="list-style-type: none"> • 4.0 • 5.0 • 6.0 • 6.1 • 6.2
Description: The alarm is raised when the 5620 SAM detects a jitter buffer underrun.		
Raising condition: (('Report Alarm Status'anyBit'Buffer Underrun') AND ('Report Alarm'anyBit'Buffer Underrun'))		
Clearing condition: NOT (('Report Alarm Status'anyBit'Buffer Underrun') AND ('Report Alarm'anyBit'Buffer Underrun'))		
Remedial action: Informational - if the alarm persists or is occurring frequently then investigation is required to understand why the underlying transport network is unreliable.		

Table 15-27 CesMalformedPkts

Alarm	Attributes	Applicable major releases
Name: CesMalformedPkts (446) Type: communicationsAlarm (4) Package: vll Raised on class: vll.VIICesInterfaceSpecifics	Severity: major Implicitly cleared: true Default probable cause: malformedPackets (320)	<ul style="list-style-type: none"> • 4.0 • 5.0 • 6.0 • 6.1 • 6.2
Description: The alarm is raised when the 5620 SAM detects one or more malformed packets.		
Raising condition: (('Report Alarm Status'anyBit'Malformed Packets') AND ('Report Alarm'anyBit'Malformed Packets'))		
Clearing condition: NOT (('Report Alarm Status'anyBit'Malformed Packets') AND ('Report Alarm'anyBit'Malformed Packets'))		
Remedial action: Informational - if the alarm persists or is occurring frequently then investigation is required to understand why the underlying transport network is unreliable.		

Table 15-28 CesPktLoss

Alarm	Attributes	Applicable major releases
Name: CesPktLoss (447) Type: communicationsAlarm (4) Package: vll Raised on class: vll.VIICesInterfaceSpecifics	Severity: major Implicitly cleared: true Default probable cause: lossOfPacket (321)	<ul style="list-style-type: none"> • 4.0 • 5.0 • 6.0 • 6.1 • 6.2
Description: The alarm is raised when the 5620 SAM detects a packet loss.		
Raising condition: (('Report Alarm Status'anyBit'Packet Loss') AND ('Report Alarm'anyBit'Packet Loss'))		
Clearing condition: NOT (('Report Alarm Status'anyBit'Packet Loss') AND ('Report Alarm'anyBit'Packet Loss'))		

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Alarm	Attributes	Applicable major releases
Remedial action: Informational - if the alarm persists or is occurring frequently then investigation is required to understand why the underlying transport network is unreliable.		

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Table 15-29 CesRmtPktLoss

Alarm	Attributes	Applicable major releases
Name: CesRmtPktLoss (450) Type: communicationsAlarm (4) Package: vll Raised on class: vll.VllCesInterfaceSpecifics	Severity: minor Implicitly cleared: true Default probable cause: farEndLossOfPacket (323)	<ul style="list-style-type: none"> • 4.0 • 5.0 • 6.0 • 6.1 • 6.2
Description: The alarm is raised when the 5620 SAM detects a remote packet loss.		
Raising condition: (('Report Alarm Status'anyBit'Remote Packet Loss') AND ('Report Alarm'anyBit'Remote Packet Loss'))		
Clearing condition: NOT (('Report Alarm Status'anyBit'Remote Packet Loss') AND ('Report Alarm'anyBit'Remote Packet Loss'))		
Remedial action: Informational - if the alarm persists or is occurring frequently then investigation is required to understand why the underlying transport network is unreliable.		

Table 15-30 CesRmtRdi

Alarm	Attributes	Applicable major releases
Name: CesRmtRdi (452) Type: configurationAlarm (11) Package: vll Raised on class: vll.VllCesInterfaceSpecifics	Severity: minor Implicitly cleared: false Default probable cause: farEndRdi (325)	<ul style="list-style-type: none"> • 4.0 • 5.0 • 6.0 • 6.1 • 6.2
Description: The alarm is raised when the 5620 SAM detects a remote RDI.		
Raising condition: (('Report Alarm Status'anyBit'Remote RDI') AND ('Report Alarm'anyBit'Remote RDI'))		
Clearing condition: NOT (('Report Alarm Status'anyBit'Remote RDI') AND ('Report Alarm'anyBit'Remote RDI'))		
Remedial action: Informational - if the alarm persists or is occurring frequently then investigation is required to understand why the underlying transport network is unreliable.		

Table 15-31 CesRmtTdmFault

Alarm	Attributes	Applicable major releases
Name: CesRmtTdmFault (451) Type: configurationAlarm (11) Package: vll Raised on class: vll.VIICesInterfaceSpecifics	Severity: minor Implicitly cleared: false Default probable cause: tdmFarEndFault (324)	<ul style="list-style-type: none"> • 4.0 • 5.0 • 6.0 • 6.1 • 6.2
Description: The alarm is raised when the 5620 SAM detects a remote TDM fault.		
Raising condition: (('Report Alarm Status'anyBit'Remote TDM Fault') AND ('Report Alarm'anyBit'Remote TDM Fault'))		
Clearing condition: NOT (('Report Alarm Status'anyBit'Remote TDM Fault') AND ('Report Alarm'anyBit'Remote TDM Fault'))		
Remedial action: Informational - if the alarm persists or is occurring frequently then investigation is required to understand why the underlying transport network is unreliable.		

Table 15-32 CesStrayPkts

Alarm	Attributes	Applicable major releases
Name: CesStrayPkts (445) Type: communicationsAlarm (4) Package: vll Raised on class: vll.VIICesInterfaceSpecifics	Severity: minor Implicitly cleared: true Default probable cause: strayPackets (319)	<ul style="list-style-type: none"> • 4.0 • 5.0 • 6.0 • 6.1 • 6.2
Description: The alarm is raised when the 5620 SAM detects received stray packets.		
Raising condition: (('Report Alarm Status'anyBit'Stray Packets') AND ('Report Alarm'anyBit'Stray Packets'))		
Clearing condition: NOT (('Report Alarm Status'anyBit'Stray Packets') AND ('Report Alarm'anyBit'Stray Packets'))		
Remedial action: Informational - if the alarm persists or is occurring frequently then investigation is required to understand why the underlying transport network is unreliable.		

Table 15-33 ClientDelegateServerStatus

Alarm	Attributes	Applicable major releases
Name: ClientDelegateServerStatus (731) Type: communicationsAlarm (4) Package: server Raised on class: server.ClientDelegateServer	Severity: critical Implicitly cleared: true Default probable cause: systemFailed (144)	<ul style="list-style-type: none"> • 4.0 • 5.0 • 6.0 • 6.1 • 6.2
Description: The alarm is raised when a client delegate server is unreachable.		
Raising condition: ('Server Status' EQUAL 'Down')		
Clearing condition: ('Server Status' EQUAL 'Up')		

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Alarm	Attributes	Applicable major releases
Remedial action: Informational - if the alarm persists or is occurring frequently then investigation is required to understand why the connectivity between the client delegate platform and SAM servers is unreliable or the client delegate server itself is unreliable.		

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Table 15-34 ConcurrentSessionExceedsHigh

Alarm	Attributes	Applicable major releases
Name: ConcurrentSessionExceedsHigh (5401) Type: thresholdCrossed (6) Package: netw Raised on class: netw.NetworkElement	Severity: minor Implicitly cleared: true Default probable cause: resourceFull (53)	<ul style="list-style-type: none"> 6.1
Description: This alarm is raised when the concurrent security session count exceeds its high watermark. Cleared when it reaches its low watermark again; the watermarks are derived from the limit specified in hi-water-mark and low-water-mark.		
Remedial action: This alarm is raised when the concurrent security session count exceeds its high watermark. Cleared when it reaches its low watermark again; the watermarks are derived from the limit specified in hi-water-mark and low-water-mark.		

Table 15-35 ConcurrentSessionExhausted

Alarm	Attributes	Applicable major releases
Name: ConcurrentSessionExhausted (5402) Type: thresholdCrossed (6) Package: netw Raised on class: netw.NetworkElement	Severity: major Implicitly cleared: true Default probable cause: resourceFull (53)	<ul style="list-style-type: none"> 6.1
Description: This alarm is raised when the concurrent security session count reaches the system limit. The concurrent session limit can be read in 'Concurrent Active Session Limit'.		
Remedial action: This alarm is raised when the concurrent security session count reaches the system limit. The concurrent session limit can be read in 'Concurrent Active Session Limit'		

Table 15-36 ContainingEquipmentAdministrativelyDown

Alarm	Attributes	Applicable major releases
Name: ContainingEquipmentAdministrativelyDown (466) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.Port	Severity: minor Implicitly cleared: true Default probable cause: containingEquipmentAdministrativelyDown (330)	<ul style="list-style-type: none"> 4.0 5.0 6.0 6.1 6.2
Description: The alarm is raised when the compositeEquipmentState attribute has a value of containingEquipmentAdministrativelyDown.		
Raising condition: (('Status' EQUAL 'Parent Admin Down') AND ('isTerminatable' EQUAL 'true'))		

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Alarm	Attributes	Applicable major releases
Clearing condition: (('Status' NOT EQUAL 'Parent Admin Down') OR ('isTerminatable' NOT EQUAL 'true'))		
Remedial action: Informational - no corrective action required.		

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Table 15-37 ContainingEquipmentMismatch

Alarm	Attributes	Applicable major releases
Name: ContainingEquipmentMismatch (464) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.Port	Severity: major Implicitly cleared: true Default probable cause: containingEquipmentMismatch (328)	<ul style="list-style-type: none"> • 4.0 • 5.0 • 6.0 • 6.1 • 6.2
Description: The alarm is raised when the compositeEquipmentState attribute has a value of containingEquipmentMismatch.		
Raising condition: (('Status' EQUAL 'Parent Type Mismatch') AND ('isTerminatable' EQUAL 'true'))		
Clearing condition: (('Status' NOT EQUAL 'Parent Type Mismatch') OR ('isTerminatable' NOT EQUAL 'true'))		
Remedial action: A configuration error has occurred which must be corrected. The card type configured for the slot identified in the alarm must match the installed card type.		

Table 15-38 ContainingEquipmentOperationallyDown

Alarm	Attributes	Applicable major releases
Name: ContainingEquipmentOperationallyDown (465) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.Port	Severity: major Implicitly cleared: true Default probable cause: containingEquipmentDown (329)	<ul style="list-style-type: none"> • 4.0 • 5.0 • 6.0 • 6.1 • 6.2
Description: The alarm is raised when the compositeEquipmentState attribute has a value of containingEquipmentOperationallyDown.		
Raising condition: (('Status' EQUAL 'Parent Oper Down') AND ('isTerminatable' EQUAL 'true'))		
Clearing condition: (('Status' NOT EQUAL 'Parent Oper Down') OR ('isTerminatable' NOT EQUAL 'true'))		
Remedial action: The operational state of the equipment element indicated in the alarm is down. This may be due to the element's administrative state or it may indicate that the element has failed.		

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Table 15-39 CorruptImageFile

Alarm	Attributes	Applicable major releases
Name: CorruptImageFile (171) Type: configurationAlarm (11) Package: mediation Raised on class: mediation.AbstractSoftwareFolderDescriptor	Severity: critical Implicitly cleared: true Default probable cause: invalidOrCorruptImageFile (134)	<ul style="list-style-type: none"> • 4.0 • 5.0 • 6.0 • 6.1 • 6.2
Description: The alarm is raised when one or more files in the 5620 SAM software image specified for a device software upgrade is invalid, corrupt or absent. The 5620 SAM validates a device software file set before it imports the file set and distributes it to an NE. Ensure that the file set downloads properly to the NE and is not tampered with before you re-attempt the upgrade. The alarm clears when a valid file set is on the NE and the 5620 SAM activates the software image in the file set.		
Raising condition: ('isImageValid' EQUAL 'false')		
Clearing condition: ('isImageValid' EQUAL 'true')		
Remedial action: The existing SW image in the SAM database should be replaced with an image that is known to be complete and valid.		

Table 15-40 DataChannelAlarmIndicationSignal

Alarm	Attributes	Applicable major releases
Name: DataChannelAlarmIndicationSignal (3944) Type: communicationsAlarm (4) Package: tdmequipment Raised on class: tdmequipment.DataChannelSpecifics	Severity: major Implicitly cleared: true Default probable cause: alarmIndicationSignal (96)	<ul style="list-style-type: none"> • 5.0 • 6.0 • 6.1 • 6.2
Description: The alarm is raised when an NE reports that a data channel has an AIS alarm condition.		
Raising condition: (('Report Alarm Status'anyBit'Alarm Indication Signal') AND ('Report Alarm'anyBit'Alarm Indication Signal'))		
Clearing condition: NOT (('Report Alarm Status'anyBit'Alarm Indication Signal') AND ('Report Alarm'anyBit'Alarm Indication Signal'))		
Remedial action: The Cpipe Service running on this CODIR VT card need fixing. Make the Cpipe error free.		

Table 15-41 DataChannelLossOfSignal

Alarm	Attributes	Applicable major releases
Name: DataChannelLossOfSignal (3946) Type: communicationsAlarm (4) Package: tdmequipment Raised on class: tdmequipment.DataChannelSpecifics	Severity: major Implicitly cleared: true Default probable cause: lossOfSignal (99)	<ul style="list-style-type: none"> • 5.0 • 6.0 • 6.1 • 6.2
Description: The alarm is raised when an NE reports that a date channel has an LOS condition.		
Raising condition: (('Report Alarm Status'anyBit'Loss Of Signal') AND ('Report Alarm'anyBit'Loss Of Signal'))		

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Alarm	Attributes	Applicable major releases
Clearing condition: NOT (('Report Alarm Status'anyBit'Loss Of Signal') AND ('Report Alarm'anyBit'Loss Of Signal'))		
Remedial action: The Cpipe Service running on this VT card need fixing. Make the Cpipe error free.		

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Table 15-42 DataChannelRemoteAlarmIndication

Alarm	Attributes	Applicable major releases
Name: DataChannelRemoteAlarmIndication (3947) Type: communicationsAlarm (4) Package: tdmequipment Raised on class: tdmequipment.DataChannelSpecifics	Severity: major Implicitly cleared: true Default probable cause: remoteAlarmIndication (574)	<ul style="list-style-type: none"> • 5.0 • 6.0 • 6.1 • 6.2
Description: The alarm is raised when an NE reports that a data channel has an RAI condition.		
Raising condition: (('Report Alarm Status'anyBit'Remote Alarm Indication') AND ('Report Alarm'anyBit'Remote Alarm Indication'))		
Clearing condition: NOT (('Report Alarm Status'anyBit'Remote Alarm Indication') AND ('Report Alarm'anyBit'Remote Alarm Indication'))		
Remedial action: The Cpipe Service running on this TPIF VT card need fixing. Make the Cpipe error free.		

Table 15-43 downgradedCardAlarm

Alarm	Attributes	Applicable major releases
Name: downgradedCardAlarm (256) Type: softwareAlarm (19) Package: equipment Raised on class: equipment.Card	Severity: warning Implicitly cleared: true Default probable cause: downgradedCard (195)	<ul style="list-style-type: none"> • 4.0 • 5.0 • 6.0 • 6.1 • 6.2
Description: The alarm is raised when an IOM is not upgraded or reset after a device software upgrade of both CPMs. A device resets an IOM automatically after 120 minutes if the IOM is not manually reset after a CPM upgrade.		
Raising condition: ('operationalState' EQUAL 'Downgrade')		
Clearing condition: ('operationalState' EQUAL 'Up')		
Remedial action: Informational - no corrective action required.		

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Table 15-44 DS1E1AlarmIndicationSignal

Alarm	Attributes	Applicable major releases
Name: DS1E1AlarmIndicationSignal (112) Type: communicationsAlarm (4) Package: tdmequipment Raised on class: tdmequipment.DS1E1ChannelSpecifics	Severity: major Implicitly cleared: true Default probable cause: alarmIndicationSignal (96)	<ul style="list-style-type: none"> • 4.0 • 5.0 • 6.0 • 6.1 • 6.2
Description: The alarm is raised when an NE reports that a specific DS1 or E1 channel has an AIS alarm condition.		
Raising condition: (('Outstanding Alarms'anyBit'Alarm Indication Signal') AND ('Report Alarms'anyBit'Alarm Indication Signal'))		
Clearing condition: NOT (('Outstanding Alarms'anyBit'Alarm Indication Signal') AND ('Report Alarms'anyBit'Alarm Indication Signal'))		
Remedial action: Informational only.		

Table 15-45 DS1E1Looped

Alarm	Attributes	Applicable major releases
Name: DS1E1Looped (126) Type: communicationsAlarm (4) Package: tdmequipment Raised on class: tdmequipment.DS1E1ChannelSpecifics	Severity: major Implicitly cleared: true Default probable cause: farEndLoopback (102)	<ul style="list-style-type: none"> • 4.0 • 5.0 • 6.0 • 6.1 • 6.2
Description: The alarm is raised when an NE reports that a specific DS1 or E1 channel has a remote loopback alarm condition.		
Raising condition: (('Outstanding Alarms'anyBit'Far end wants the near end to loopback') AND ('Report Alarms'anyBit'Far end wants the near end to loopback'))		
Clearing condition: NOT (('Outstanding Alarms'anyBit'Far end wants the near end to loopback') AND ('Report Alarms'anyBit'Far end wants the near end to loopback'))		
Remedial action: Informational only.		

Table 15-46 DS1E1LossOfSignal

Alarm	Attributes	Applicable major releases
Name: DS1E1LossOfSignal (124) Type: communicationsAlarm (4) Package: tdmequipment Raised on class: tdmequipment.DS1E1ChannelSpecifics	Severity: major Implicitly cleared: true Default probable cause: lossOfSignal (99)	<ul style="list-style-type: none"> • 4.0 • 5.0 • 6.0 • 6.1 • 6.2
Description: The alarm is raised when an NE reports that a specific DS1 or E1 channel has an LOS alarm condition.		
Raising condition: (('Outstanding Alarms'anyBit'Loss of Signal') AND ('Report Alarms'anyBit'Loss of Signal'))		
Clearing condition: NOT (('Outstanding Alarms'anyBit'Loss of Signal') AND ('Report Alarms'anyBit'Loss of Signal'))		

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Alarm	Attributes	Applicable major releases
Remedial action: Informational only.		

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Table 15-47 DS1E1OutOfFrame

Alarm	Attributes	Applicable major releases
Name: DS1E1OutOfFrame (125) Type: communicationsAlarm (4) Package: tdmequipment Raised on class: tdmequipment.DS1E1ChannelSpecifics	Severity: major Implicitly cleared: true Default probable cause: outOfFrame (100)	<ul style="list-style-type: none"> • 4.0 • 5.0 • 6.0 • 6.1 • 6.2
Description: The alarm is raised when an NE reports that a specific DS1 or E1 channel has an OOF alarm condition.		
Raising condition: (('Outstanding Alarms'anyBit'Out Of Frame') AND ('Report Alarms'anyBit'Out Of Frame'))		
Clearing condition: NOT (('Outstanding Alarms'anyBit'Out Of Frame') AND ('Report Alarms'anyBit'Out Of Frame'))		
Remedial action: Informational only.		

Table 15-48 DS1E1ResourceAvailabilityIndicator

Alarm	Attributes	Applicable major releases
Name: DS1E1ResourceAvailabilityIndicator (114) Type: communicationsAlarm (4) Package: tdmequipment Raised on class: tdmequipment.DS1E1ChannelSpecifics	Severity: major Implicitly cleared: true Default probable cause: resourceAvailabilityIndicator (98)	<ul style="list-style-type: none"> • 4.0 • 5.0 • 6.0 • 6.1 • 6.2
Description: The alarm is raised when an NE reports that a specific DS1 or E1 channel has an RAI alarm condition.		
Raising condition: (('Outstanding Alarms'anyBit'Resource Availability Indicator') AND ('Report Alarms'anyBit'Resource Availability Indicator'))		
Clearing condition: NOT (('Outstanding Alarms'anyBit'Resource Availability Indicator') AND ('Report Alarms'anyBit'Resource Availability Indicator'))		
Remedial action: Informational only.		

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Table 15-49 DS1E1SignalDegradation

Alarm	Attributes	Applicable major releases
Name: DS1E1SignalDegradation (500) Type: communicationsAlarm (4) Package: tdmequipment Raised on class: tdmequipment.DS1E1ChannelSpecifics	Severity: major Implicitly cleared: true Default probable cause: signalDegradation (386)	<ul style="list-style-type: none"> • 4.0 • 5.0 • 6.0 • 6.1 • 6.2
Description: The alarm is raised when an NE reports that a specific DS1 or E1 channel has an SD alarm condition.		
Raising condition: (('Outstanding Alarms'anyBit'Signal Degradation') AND ('Report Alarms'anyBit'Signal Degradation'))		
Clearing condition: NOT (('Outstanding Alarms'anyBit'Signal Degradation') AND ('Report Alarms'anyBit'Signal Degradation'))		
Remedial action: Informational only.		

Table 15-50 DS1E1SignalFailure

Alarm	Attributes	Applicable major releases
Name: DS1E1SignalFailure (501) Type: communicationsAlarm (4) Package: tdmequipment Raised on class: tdmequipment.DS1E1ChannelSpecifics	Severity: major Implicitly cleared: true Default probable cause: signalFailure (387)	<ul style="list-style-type: none"> • 4.0 • 5.0 • 6.0 • 6.1 • 6.2
Description: The alarm is raised when an NE reports that a specific DS1 or E1 channel has an SF alarm condition.		
Raising condition: (('Outstanding Alarms'anyBit'Signal Failure') AND ('Report Alarms'anyBit'Signal Failure'))		
Clearing condition: NOT (('Outstanding Alarms'anyBit'Signal Failure') AND ('Report Alarms'anyBit'Signal Failure'))		
Remedial action: Informational only.		

Table 15-51 DS3E3AlarmIndicationSignal

Alarm	Attributes	Applicable major releases
Name: DS3E3AlarmIndicationSignal (115) Type: communicationsAlarm (4) Package: tdmequipment Raised on class: tdmequipment.DS3E3ChannelSpecifics	Severity: major Implicitly cleared: true Default probable cause: alarmIndicationSignal (96)	<ul style="list-style-type: none"> • 4.0 • 5.0 • 6.0 • 6.1 • 6.2
Description: The alarm is raised when an NE reports that a specific DS3 or E3 channel has an AIS alarm condition.		
Raising condition: (('Outstanding Alarms'anyBit'Alarm Indication Signal') AND ('Report Alarms'anyBit'Alarm Indication Signal'))		
Clearing condition: NOT (('Outstanding Alarms'anyBit'Alarm Indication Signal') AND ('Report Alarms'anyBit'Alarm Indication Signal'))		
Remedial action: Informational only.		

Table 15-52 DS3E3Looped

Alarm	Attributes	Applicable major releases
Name: DS3E3Looped (120) Type: communicationsAlarm (4) Package: tdmequipment Raised on class: tdmequipment.DS3E3ChannelSpecifics	Severity: major Implicitly cleared: true Default probable cause: farEndLoopback (102)	<ul style="list-style-type: none"> • 4.0 • 5.0 • 6.0 • 6.1 • 6.2
Description: The alarm is raised when an NE reports that a specific DS3 or E3 channel has a remote loopback alarm condition.		
Raising condition: (('Outstanding Alarms'anyBit'Far end wants the near end to loopback') AND ('Report Alarms'anyBit'Far end wants the near end to loopback'))		
Clearing condition: NOT (('Outstanding Alarms'anyBit'Far end wants the near end to loopback') AND ('Report Alarms'anyBit'Far end wants the near end to loopback'))		
Remedial action: Informational only.		

Table 15-53 DS3E3LossOfSignal

Alarm	Attributes	Applicable major releases
Name: DS3E3LossOfSignal (116) Type: communicationsAlarm (4) Package: tdmequipment Raised on class: tdmequipment.DS3E3ChannelSpecifics	Severity: major Implicitly cleared: true Default probable cause: lossOfSignal (99)	<ul style="list-style-type: none"> • 4.0 • 5.0 • 6.0 • 6.1 • 6.2
Description: The alarm is raised when an NE reports that a specific DS3 or E3 channel has an LOS alarm condition.		
Raising condition: (('Outstanding Alarms'anyBit'Loss of Signal') AND ('Report Alarms'anyBit'Loss of Signal'))		
Clearing condition: NOT (('Outstanding Alarms'anyBit'Loss of Signal') AND ('Report Alarms'anyBit'Loss of Signal'))		
Remedial action: Informational only.		

Table 15-54 DS3E3OutOfFrame

Alarm	Attributes	Applicable major releases
Name: DS3E3OutOfFrame (117) Type: communicationsAlarm (4) Package: tdmequipment Raised on class: tdmequipment.DS3E3ChannelSpecifics	Severity: major Implicitly cleared: true Default probable cause: outOfFrame (100)	<ul style="list-style-type: none"> • 4.0 • 5.0 • 6.0 • 6.1 • 6.2
Description: The alarm is raised when an NE reports that a specific DS3 or E3 channel has an OOF alarm condition.		
Raising condition: (('Outstanding Alarms'anyBit'Out Of Frame') AND ('Report Alarms'anyBit'Out Of Frame'))		
Clearing condition: NOT (('Outstanding Alarms'anyBit'Out Of Frame') AND ('Report Alarms'anyBit'Out Of Frame'))		
Remedial action: Informational only.		

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Table 15-55 DS3E3ResourceAvailability

Alarm	Attributes	Applicable major releases
Name: DS3E3ResourceAvailability (119) Type: communicationsAlarm (4) Package: tdmequipment Raised on class: tdmequipment.DS3E3ChannelSpecifics	Severity: major Implicitly cleared: true Default probable cause: resourceAvailabilityIndicator (98)	<ul style="list-style-type: none"> • 4.0 • 5.0 • 6.0 • 6.1 • 6.2
Description: The alarm is raised when an NE reports that a specific DS3 or E3 channel has an RAI alarm condition.		
Raising condition: (('Outstanding Alarms'anyBit'Resource Availability Indicator') AND ('Report Alarms'anyBit'Resource Availability Indicator'))		
Clearing condition: NOT (('Outstanding Alarms'anyBit'Resource Availability Indicator') AND ('Report Alarms'anyBit'Resource Availability Indicator'))		
Remedial action: Informational only.		

Table 15-56 EfmOamAlarm

Alarm	Attributes	Applicable major releases
Name: EfmOamAlarm (4617) Type: equipmentAlarm (3) Package: ethernetequipment Raised on class: ethernetequipment.Dot3Oam	Severity: minor Implicitly cleared: true Default probable cause: EFMOAMOperationalstateOutOfService (1886)	<ul style="list-style-type: none"> • 4.0 • 5.0 • 6.0 • 6.1 • 6.2
Description: The alarm is raised when EFM Ignore status is Enabled, and Physical port Administrative State is Down.		
Raising condition: ('Ignore EFM State' EQUAL 'true')		
Clearing condition: ('Ignore EFM State' EQUAL 'true')		
Remedial action: The alarm is raised when EFM Ignore status is Enabled, and Physical port Administrative State is Down.		

Table 15-57 EquipmentAdministrativelyDown

Alarm	Attributes	Applicable major releases
Name: EquipmentAdministrativelyDown (455) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.Equipment	Severity: minor Implicitly cleared: true Default probable cause: equipmentAdministrativelyDown (326)	<ul style="list-style-type: none"> • 4.0 • 5.0 • 6.0 • 6.1 • 6.2
Description: The alarm is raised when the compositeEquipmentState attribute has a value of equipmentAdministrativelyDown.		
Raising condition: ('compositeEquipmentState' EQUAL 'Admin Down')		
Clearing condition: ('compositeEquipmentState' NOT EQUAL 'Admin Down')		
Remedial action: Informational - no corrective action required.		

Table 15-58 EquipmentDegraded

Alarm	Attributes	Applicable major releases
Name: EquipmentDegraded (604) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.FanTray	Severity: minor Implicitly cleared: true Default probable cause: singleFanFailure (450)	<ul style="list-style-type: none"> • 4.0 • 5.0 • 6.0 • 6.1 • 6.2
Description: The alarm is raised when a single fan fails. The chassis attempts to continue operating within the normal temperature range using only the remaining fans.		
Raising condition: ('Device State' EQUAL 'MinorFailure')		
Clearing condition: ('Device State' NOT EQUAL 'MinorFailure')		
Remedial action: The failed fan unit should be replaced.		

Table 15-59 EquipmentDown

Alarm	Attributes	Applicable major releases
Name: EquipmentDown (10) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.Equipment	Severity: major Implicitly cleared: true Default probable cause: inoperableEquipment (8)	<ul style="list-style-type: none"> • 4.0 • 5.0 • 6.0 • 6.1 • 6.2
Description: The alarm is raised when the compositeEquipmentState attribute has a value of equipmentOperationallyDown.		
Raising condition: ('compositeEquipmentState' EQUAL 'Oper Down')		
Clearing condition: ('compositeEquipmentState' NOT EQUAL 'Oper Down')		
Remedial action: This alarm indicates that a card in the NE has failed. The card must be replaced.		

Table 15-60 EquipmentFailure

Alarm	Attributes	Applicable major releases
Name: EquipmentFailure (145) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.ReplaceableUnit	Severity: critical Implicitly cleared: true Default probable cause: cardFailure (123)	<ul style="list-style-type: none"> • 4.0 • 5.0 • 6.0 • 6.1 • 6.2
Description: The alarm is raised when a control processor or power-supply tray reports a failure. When the object type is ControlProcessor, a CPM may be unable to boot. When the object type is Power Supply Tray and the alarm is raised during device discovery, a power-supply tray may be out of service. When the object type is a Power Supply Tray and the device is in the managed state, a power-supply tray may be out of service or the AC power shelf has a fault condition. The alarm clears when the status changes to OK.		
Raising condition: ('operationalState' EQUAL 'Failed')		

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Alarm	Attributes	Applicable major releases
Clearing condition: ('operationalState' NOT EQUAL 'Failed')		
Remedial action: If the alarm indicates that the CPM card has a fault, remove the card and reset it. If this does not clear the alarm then please contact Alcatel-Lucent support for assistance. If the alarm indicates that the Power Supply tray is out of service ensure that the NE is properly connected to power. If the problem persists please contact Alcatel-Lucent support for assistance.		

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Table 15-61 EquipmentInTest

Alarm	Attributes	Applicable major releases
Name: EquipmentInTest (11) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.Equipment	Severity: warning Implicitly cleared: true Default probable cause: equipmentInTest (9)	<ul style="list-style-type: none"> • 4.0 • 5.0 • 6.0 • 6.1 • 6.2
Description: The alarm is raised when equipment enters a diagnostic state.		
Raising condition: ('compositeEquipmentState' EQUAL 'In Test')		
Clearing condition: ('compositeEquipmentState' NOT EQUAL 'In Test')		
Remedial action: Informational - no corrective action required.		

Table 15-62 EquipmentMismatch

Alarm	Attributes	Applicable major releases
Name: EquipmentMismatch (9) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.Equipment	Severity: major Implicitly cleared: true Default probable cause: equipmentTypeMismatch (7)	<ul style="list-style-type: none"> • 4.0 • 5.0 • 6.0 • 6.1 • 6.2
Description: The alarm is raised when the compositeEquipmentState attribute has a value of equipmentMismatch.		
Raising condition: ('compositeEquipmentState' EQUAL 'Type Mismatch')		
Clearing condition: ('compositeEquipmentState' NOT EQUAL 'Type Mismatch')		
Remedial action: A configuration error has occurred which must be corrected. The card type configured for the slot identified in the alarm must match the installed card type.		

Table 15-63 EquipmentRemoved

Alarm	Attributes	Applicable major releases
Name: EquipmentRemoved (8) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.Equipment	Severity: major Implicitly cleared: true Default probable cause: replaceableEquipmentRemoved (6)	<ul style="list-style-type: none"> • 4.0 • 5.0 • 6.0 • 6.1 • 6.2
Description: The alarm is raised when the compositeEquipmentState attribute has a value of equipmentMissing.		
Raising condition: ((('isEquipped' EQUAL 'false') OR ('compositeEquipmentState' EQUAL 'Removed')) AND ('isEquipmentInserted' EQUAL 'true'))		
Clearing condition: (('compositeEquipmentState' NOT EQUAL 'Removed') AND ('isEquipped' EQUAL 'true'))		
Remedial action: Informational - this alarm is raised when a card is removed.		

Table 15-64 EthernetPortConfiguredLoopback

Alarm	Attributes	Applicable major releases
Name: EthernetPortConfiguredLoopback (801) Type: configurationAlarm (11) Package: ethernetequipment Raised on class: ethernetequipment.EthernetPortSpecifics	Severity: warning Implicitly cleared: true Default probable cause: ethernetPortConfiguredLoopback (567)	<ul style="list-style-type: none"> • 4.0 • 5.0 • 6.0 • 6.1 • 6.2
Description: The alarm is raised when a timed loopback is in effect for an Ethernet port.		
Raising condition: (('Type' NOT EQUAL 'None'))		
Clearing condition: (('Type' EQUAL 'None'))		
Remedial action: This alarm has been raised by the node because "Timed Loopback" option of the specific port's Ethernet property has been enabled. To resolve this problem from "Ethernet" tab of "Physical Port" properties form configure "Timed Loopback" Type property as "None".		

Table 15-65 EthernetPortDuplicateLane

Alarm	Attributes	Applicable major releases
Name: EthernetPortDuplicateLane (3557) Type: communicationsAlarm (4) Package: ethernetequipment Raised on class: ethernetequipment.EthernetPortSpecifics	Severity: major Implicitly cleared: true Default probable cause: DuplicateLane (1387)	<ul style="list-style-type: none"> • 4.0 • 5.0 • 6.0 • 6.1 • 6.2
Description: The alarm is raised when a device reports a Duplicate Lane on an Ethernet port.		
Raising condition: (('Outstanding Alarms'anyBit'Duplicate Lane') AND ('Report Alarms'anyBit'Duplicate Lane'))		
Clearing condition: NOT (('Outstanding Alarms'anyBit'Duplicate Lane') AND ('Report Alarms'anyBit'Duplicate Lane'))		

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Alarm	Attributes	Applicable major releases
Remedial action: One of the following conditions exists on the referenced physical interface which must be corrected. A cable/fiber fault exists which must be corrected - check to ensure that the cable is not faulty and is properly connected. The port is faulty - run diagnostics on the port to determine the nature of the fault. If the problem cannot be resolved swap the card containing the port with a card which is known be functional.		

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Table 15-66 EthernetPortHighBer

Alarm	Attributes	Applicable major releases
Name: EthernetPortHighBer (307) Type: communicationsAlarm (4) Package: ethernetequipment Raised on class: ethernetequipment.EthernetPortSpecifics	Severity: major Implicitly cleared: true Default probable cause: HighBer (238)	<ul style="list-style-type: none"> • 4.0 • 5.0 • 6.0 • 6.1 • 6.2
Description: The alarm is raised when a device reports a high bit-error rate on an Ethernet port.		
Raising condition: (('Outstanding Alarms'anyBit'High Bit Error Rate') AND ('Report Alarms'anyBit'High Bit Error Rate'))		
Clearing condition: NOT (('Outstanding Alarms'anyBit'High Bit Error Rate') AND ('Report Alarms'anyBit'High Bit Error Rate'))		
Remedial action: One of the following conditions exists on the physical interface which must be corrected. A cable/fiber fault exists which must be corrected - check to ensure that the cable is not faulty and is properly connected. The port is faulty - run diagnostics on the port to determine the nature of the fault.		

Table 15-67 EthernetPortLocalFault

Alarm	Attributes	Applicable major releases
Name: EthernetPortLocalFault (305) Type: communicationsAlarm (4) Package: ethernetequipment Raised on class: ethernetequipment.EthernetPortSpecifics	Severity: major Implicitly cleared: true Default probable cause: LocalFault (236)	<ul style="list-style-type: none"> • 4.0 • 5.0 • 6.0 • 6.1 • 6.2
Description: The alarm is raised when a device reports a local fault on an Ethernet port.		
Raising condition: (('Outstanding Alarms'anyBit'Local Fault') AND ('Report Alarms'anyBit'Local Fault'))		
Clearing condition: NOT (('Outstanding Alarms'anyBit'Local Fault') AND ('Report Alarms'anyBit'Local Fault'))		
Remedial action: One of the following conditions exists on the physical interface which must be corrected. A cable/fiber fault exists which must be corrected - check to ensure that the cable is not faulty and is properly connected. The port is faulty - run diagnostics on the port to determine the nature of the fault.		

Table 15-68 EthernetPortNoAmLock

Alarm	Attributes	Applicable major releases
Name: EthernetPortNoAmLock (3558) Type: communicationsAlarm (4) Package: ethernetequipment Raised on class: ethernetequipment.EthernetPortSpecifics	Severity: major Implicitly cleared: true Default probable cause: NoAmLock (1388)	<ul style="list-style-type: none"> • 4.0 • 5.0 • 6.0 • 6.1 • 6.2
Description: The alarm is raised when a device reports a No Am Lock on an Ethernet port.		
Raising condition: (('Outstanding Alarms'anyBit'No AM Lock') AND ('Report Alarms'anyBit'No AM Lock'))		
Clearing condition: NOT (('Outstanding Alarms'anyBit'No AM Lock') AND ('Report Alarms'anyBit'No AM Lock'))		
Remedial action: One of the following conditions exists on the referenced physical interface which must be corrected. A cable/fiber fault exists which must be corrected - check to ensure that the cable is not faulty and is properly connected. The port is faulty - run diagnostics on the port to determine the nature of the fault. If the problem cannot be resolved swap the card containing the port with a card which is known be functional.		

Table 15-69 EthernetPortNoBlockLock

Alarm	Attributes	Applicable major releases
Name: EthernetPortNoBlockLock (3559) Type: communicationsAlarm (4) Package: ethernetequipment Raised on class: ethernetequipment.EthernetPortSpecifics	Severity: major Implicitly cleared: true Default probable cause: NoBlockLock (1389)	<ul style="list-style-type: none"> • 4.0 • 5.0 • 6.0 • 6.1 • 6.2
Description: The alarm is raised when a device reports a No Block Lock on an Ethernet port.		
Raising condition: (('Outstanding Alarms'anyBit'No Block Lock') AND ('Report Alarms'anyBit'No Block Lock'))		
Clearing condition: NOT (('Outstanding Alarms'anyBit'No Block Lock') AND ('Report Alarms'anyBit'No Block Lock'))		
Remedial action: One of the following conditions exists on the referenced physical interface which must be corrected. A cable/fiber fault exists which must be corrected - check to ensure that the cable is not faulty and is properly connected. The port is faulty - run diagnostics on the port to determine the nature of the fault. If the problem cannot be resolved swap the card containing the port with a card which is known be functional.		

Table 15-70 EthernetPortNoFrameLock

Alarm	Attributes	Applicable major releases
Name: EthernetPortNoFrameLock (306) Type: communicationsAlarm (4) Package: ethernetequipment Raised on class: ethernetequipment.EthernetPortSpecifics	Severity: major Implicitly cleared: true Default probable cause: NoFrameLock (237)	<ul style="list-style-type: none"> • 4.0 • 5.0 • 6.0 • 6.1 • 6.2
Description: The alarm is raised when a device reports No Frame Lock on an Ethernet port.		

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Alarm	Attributes	Applicable major releases
Raising condition: (('Outstanding Alarms'anyBit'No Frame Lock') AND ('Report Alarms'anyBit'No Frame Lock'))		
Clearing condition: NOT (('Outstanding Alarms'anyBit'No Frame Lock') AND ('Report Alarms'anyBit'No Frame Lock'))		
Remedial action: One of the following conditions exists on the physical interface which must be corrected. A cable/fiber fault exists which must be corrected - check to ensure that the cable is not faulty and is properly connected. The port is faulty - run diagnostics on the port to determine the nature of the fault.		

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Table 15-71 EthernetPortRemoteFault

Alarm	Attributes	Applicable major releases
Name: EthernetPortRemoteFault (304) Type: communicationsAlarm (4) Package: ethernetequipment Raised on class: ethernetequipment.EthernetPortSpecifics	Severity: major Implicitly cleared: true Default probable cause: RemoteFault (235)	<ul style="list-style-type: none"> • 4.0 • 5.0 • 6.0 • 6.1 • 6.2
Description: The alarm is raised when a device reports a remote fault on an Ethernet port.		
Raising condition: (('Outstanding Alarms'anyBit'Remote Fault') AND ('Report Alarms'anyBit'Remote Fault'))		
Clearing condition: NOT (('Outstanding Alarms'anyBit'Remote Fault') AND ('Report Alarms'anyBit'Remote Fault'))		
Remedial action: One of the following conditions exists on the remote physical interface which must be corrected. A cable/fiber fault exists which must be corrected - check to ensure that the cable is not faulty and is properly connected. The port is faulty - run diagnostics on the port to determine the nature of the fault.		

Table 15-72 EthernetPortSignalFailure

Alarm	Attributes	Applicable major releases
Name: EthernetPortSignalFailure (303) Type: communicationsAlarm (4) Package: ethernetequipment Raised on class: ethernetequipment.EthernetPortSpecifics	Severity: major Implicitly cleared: true Default probable cause: SignalFailure (234)	<ul style="list-style-type: none"> • 4.0 • 5.0 • 6.0 • 6.1 • 6.2
Description: The alarm is raised when a device reports a signal failure on an Ethernet port.		
Raising condition: (('Outstanding Alarms'anyBit'Signal Failure') AND ('Report Alarms'anyBit'Signal Failure'))		
Clearing condition: NOT (('Outstanding Alarms'anyBit'Signal Failure') AND ('Report Alarms'anyBit'Signal Failure'))		
Remedial action: One of the following conditions exists on the physical interface which must be corrected. A cable/fiber fault exists which must be corrected - check to ensure that the cable is not faulty and is properly connected. The port is faulty - run diagnostics on the port to determine the nature of the fault.		

Table 15-73 ExternalTimingReferenceNotQualified

Alarm	Attributes	Applicable major releases
Name: ExternalTimingReferenceNotQualified (548) Type: communicationsAlarm (4) Package: sonet Raised on class: sonet.SiteSync	Severity: minor Implicitly cleared: true Default probable cause: timingReferenceNotQualified (418)	<ul style="list-style-type: none"> • 4.0 • 5.0 • 6.0 • 6.1 • 6.2
Description: The alarm is raised when the External timing reference on an NE is not in the Qualified state.		
Raising condition: (('Qualified For Use' EQUAL 'Not Qualified') AND ('Administrative State' NOT EQUAL 'Down'))		
Clearing condition: (('Qualified For Use' NOT EQUAL 'Not Qualified') OR ('Administrative State' EQUAL 'Down'))		
Remedial action: Informational		

Table 15-74 FanFailure

Alarm	Attributes	Applicable major releases
Name: FanFailure (624) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.FanTray	Severity: critical Implicitly cleared: true Default probable cause: fanFailure (116)	<ul style="list-style-type: none"> • 4.0 • 5.0 • 6.0 • 6.1 • 6.2
Description: The alarm is raised when the associated fan is not operationally Up.		
Raising condition: (('Device State' EQUAL 'Failed') OR ('Device State' EQUAL 'Unknown') OR ('Device State' EQUAL 'OutOfservice'))		
Clearing condition: ('Device State' EQUAL 'OK')		
Remedial action: Remove and reset the fan unit. If this does not resolve the problem replace the fan.		

Table 15-75 FanTrayRemoved

Alarm	Attributes	Applicable major releases
Name: FanTrayRemoved (569) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.FanTray	Severity: critical Implicitly cleared: true Default probable cause: FanTrayRemoved (438)	<ul style="list-style-type: none"> • 4.0 • 5.0 • 6.0 • 6.1 • 6.2
Description: The alarm is raised when the deviceState attribute has a value of deviceNotEquipped.		
Raising condition: ('Device State' EQUAL 'Not Equipped')		
Clearing condition: ('Device State' NOT EQUAL 'Not Equipped')		
Remedial action: Informational - a fan tray has been removed from the NE.		

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Table 15-76 ForwardingTableSizeLimitReached

Alarm	Attributes	Applicable major releases
Name: ForwardingTableSizeLimitReached (164) Type: resourceAlarm (28) Package: I2fwd Raised on class: I2fwd.SiteFib	Severity: major Implicitly cleared: true Default probable cause: resourceLimitReached (131)	<ul style="list-style-type: none"> • 4.0 • 5.0 • 6.0 • 6.1 • 6.2
Description: The alarm is raised when the number of MAC address entries in the FIB reaches or exceeds the VPLS site high watermark specified by I2fwd.SiteFib.highWatermark. The alarm clears when the number of MAC address entries in the FIB drops below the VPLS site low watermark specified by I2fwd.SiteFib.lowWatermark. The alarm can be raised against a VPLS site, L2 access interface, or spoke SDP binding.		
Raising condition: (('Entries' >= 'Size') OR ('Entries' >= (('High Watermark' * 'Size') / 100.0)))"		
Clearing condition: (('Entries' < 'Size') AND (('High Watermark' EQUAL '0L') OR ('Entries' < (('Low Watermark' * 'Size') / 100.0))) AND (('Low Watermark' EQUAL '0L') OR ('Entries' < (('Low Watermark' * 'Size') / 100.0)))		
Remedial action: Informational		

Table 15-77 FrameSizeProblem (netw)

Alarm	Attributes	Applicable major releases
Name: FrameSizeProblem (37) Type: configurationAlarm (11) Package: netw Raised on class: netw.StatefullConnectableInterface	Severity: critical Implicitly cleared: true Default probable cause: frameSizeProblem (33)	<ul style="list-style-type: none"> • 4.0 • 5.0 • 6.0 • 6.1 • 6.2
Description: The alarm is raised when a provisioned MTU size value is greater than the supported MTU size value.		
Raising condition: (('mtuMismatch' EQUAL 'true') AND ('portId' NOT EQUAL '0L'))		
Clearing condition: (('mtuMismatch' EQUAL 'false') OR ('portId' EQUAL '0L'))		
Remedial action: A configuration error has been made which must be corrected. The MTU value must be changed such that is less than or equal to the supported MTU size value.		

Table 15-78 FrameSizeProblem (svt)

Alarm	Attributes	Applicable major releases
Name: FrameSizeProblem (37) Type: configurationAlarm (11) Package: svt Raised on class: svt.SdpBinding	Severity: critical Implicitly cleared: true Default probable cause: frameSizeProblem (33)	<ul style="list-style-type: none"> • 4.0 • 5.0 • 6.0 • 6.1 • 6.2
Description: The alarm is raised when a provisioned MTU size value is greater than the supported MTU size value.		
Raising condition: (('Operational State' EQUAL 'MTU Mismatch') OR ('Operational State' EQUAL 'Tunnel MTU Too Small'))		

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Alarm	Attributes	Applicable major releases
Clearing condition: (('Operational State' NOT EQUAL 'MTU Mismatch') AND ('Operational State' NOT EQUAL 'Tunnel MTU Too Small'))		
Remedial action: The MTU value must be changed such that it is less than or equal to the supported MTU size value.		

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Table 15-79 GaPeerDown

Alarm	Attributes	Applicable major releases
Name: GaPeerDown (3303) Type: EpcAlarm (59) Package: Iteggsn Raised on class: Iteggsn.GaPeer	Severity: major Implicitly cleared: true Default probable cause: EPSPeerDown (602)	<ul style="list-style-type: none"> • 4.0 • 5.0 • 6.0 • 6.1 • 6.2
Description: The alarm is raised when the path management state of a Ga peer changes to a state other than Up.		
Raising condition: ('Path Management State' NOT EQUAL 'Active')		
Clearing condition: ('Path Management State' EQUAL 'Active')		
Remedial action: A Ga reference point (peer) is operationally down for one of the following reasons: the underlying IP or physical interface is down, the far end peer is down or the underlying transport between this NE and the peer NE is down. To resolve the issue ensure that the IP/physical interface is up, check that the far end peer is operational and check that the underlying transport network is up.		

Table 15-80 GroupDown

Alarm	Attributes	Applicable major releases
Name: GroupDown (69) Type: ProtocolAlarm (1) Package: rip Raised on class: rip.Group	Severity: critical Implicitly cleared: true Default probable cause: protocolDown (1)	<ul style="list-style-type: none"> • 6.0 • 6.1 • 6.2
Description: The alarm is raised when a RIP group has an Operational State other than Up, and the Administrative State is Up.		
Raising condition: (('administrativeState' EQUAL 'Up') AND ('operationalState' NOT EQUAL 'Up'))		
Clearing condition: (('operationalState' EQUAL 'Up') OR ('administrativeState' NOT EQUAL 'Up'))		
Remedial action: The RIP Group is down while it is administratively up. Please check RIP related configuration e.g., the RIP is not shutdown.		

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Table 15-81 IgmpDown

Alarm	Attributes	Applicable major releases
Name: IgmpDown (158) Type: ProtocolAlarm (1) Package: igmp Raised on class: igmp.Site	Severity: critical Implicitly cleared: true Default probable cause: protocolDown (1)	<ul style="list-style-type: none"> • 6.0 • 6.1 • 6.2
Description: The alarm is raised when an IGMP site has an Operational State other than Up, and the Administrative State is Up.		
Raising condition: (('Administrative State' EQUAL 'Up') AND ('Operational State' NOT EQUAL 'Up'))		
Clearing condition: (('Operational State' EQUAL 'Up') OR ('Administrative State' NOT EQUAL 'Up'))		
Remedial action: While configured under VPRN, check if VPRN site is admin down, or if route distinguisher is not configured.		

Table 15-82 IncompleteConfig (multichassis)

Alarm	Attributes	Applicable major releases
Name: IncompleteConfig (294) Type: configurationAlarm (11) Package: multichassis Raised on classes: <ul style="list-style-type: none"> • multichassis.MultiChassisSync • multichassis.MultiChassisLagMember 	Severity: major Implicitly cleared: true Default probable cause: incompleteConfig (225)	<ul style="list-style-type: none"> • 6.0 • 6.1 • 6.2
Description: The alarm is raised when a peer configuration cannot be found on the peer NE.		
Raising condition: ('mcLagPointer' EQUAL '\')		
Clearing condition: ('mcLagPointer' NOT EQUAL '\')		
Remedial action: Configure the missing peered object.		

Table 15-83 IncompleteConfiguration

Alarm	Attributes	Applicable major releases
Name: IncompleteConfiguration (1942) Type: operationalViolation (93) Package: netw Raised on class: netw.NetworkElement	Severity: warning Implicitly cleared: true Default probable cause: incompleteConfig (225)	<ul style="list-style-type: none"> • 4.0 • 5.0 • 6.0 • 6.1 • 6.2
Description: The alarm is raised when a pre-provisioned NE has no objects configured beneath it.		
Raising condition: (('State' EQUAL 'Pre-provisioned') AND ('eNodeB Equipment' EQUAL '\'))		
Clearing condition: (('State' EQUAL 'Pre-provisioned') AND ('eNodeB Equipment' NOT EQUAL '\'))		

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Alarm	Attributes	Applicable major releases
Remedial action: A configuration error has been made which must be corrected. The configuration of the pre-provisioned NE is incomplete. A work order was not associated with the pre-provisioned NE and as a consequence the attempt to auto-configure the NE failed.		

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Table 15-84 IncorrectNeighborConfig

Alarm	Attributes	Applicable major releases
Name: IncorrectNeighborConfig (609) Type: configurationAlarm (11) Package: aps Raised on class: aps.ApsGroup	Severity: major Implicitly cleared: true Default probable cause: incorrectNeighborConfig (452)	<ul style="list-style-type: none"> • 4.0 • 5.0 • 6.0 • 6.1 • 6.2
Description: The alarm is raised when the peer does not exist or the neighbor address does not point to a network interface on the NE that contains the peer object.		
Raising condition: (('Type' EQUAL 'MultiChassis') AND ('Neighbor match' EQUAL 'false'))		
Clearing condition: (('Type' EQUAL 'SingleChassis') OR ('Neighbor match' EQUAL 'true'))		
Remedial action: Make sure a peer exist and the neighbor address points to a network interface on the NE that contains the peer object.		

Table 15-85 IncorrectPeerConfig

Alarm	Attributes	Applicable major releases
Name: IncorrectPeerConfig (779) Type: configurationAlarm (11) Package: multichassis Raised on class: multichassis.AbstractPeer	Severity: major Implicitly cleared: true Default probable cause: IncorrectPeerConfig (554)	<ul style="list-style-type: none"> • 6.0 • 6.1 • 6.2
Description: The alarm is raised when an MC peer does not exist, or when an MC peer exists but the peer address is not the address of a network interface on the peer.		
Raising condition: ('peerMatchFound' EQUAL 'false')		
Clearing condition: ('peerMatchFound' EQUAL 'true')		
Remedial action: The peer configuration cannot be found on the peer NE. Either delete this one, or create the missing peer object.		

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Table 15-86 InstanceDown (vrrp)

Alarm	Attributes	Applicable major releases
Name: InstanceDown (284) Type: configurationAlarm (11) Package: vrrp Raised on class: vrrp.AbstractInstance	Severity: major Implicitly cleared: true Default probable cause: instanceDown (216)	<ul style="list-style-type: none"> • 6.0 • 6.1 • 6.2
Description: The alarm is raised when the 5620 SAM detects that a VRRP instance is operationally down.		
Raising condition: (('Administrative State' EQUAL 'Up') AND ('Operational State' NOT EQUAL 'Up'))		
Clearing condition: (('Operational State' EQUAL 'Up') OR ('Administrative State' NOT EQUAL 'Up'))		
Remedial action: Check the instance configuration		

Table 15-87 InterfaceDown (netw)

Alarm	Attributes	Applicable major releases
Name: InterfaceDown (36) Type: InterfaceAlarm (13) Package: netw Raised on class: netw.StatefullConnectableInterface	Severity: critical Implicitly cleared: true Default probable cause: interfaceDown (32)	<ul style="list-style-type: none"> • 4.0 • 5.0 • 6.0 • 6.1 • 6.2
Description: The alarm is raised when an interface or underlying resource fails, as indicated by an interface compositeState attribute value of failed or underlyingResourceFailed.		
Raising condition: (('compositeState' EQUAL 'Inoperable') OR ('compositeState' EQUAL 'Underlying Resource Inoperable'))		
Clearing condition: (('compositeState' NOT EQUAL 'Inoperable') AND ('compositeState' NOT EQUAL 'Underlying Resource Inoperable'))		
Remedial action: A physical port (physical interface, LAG, channel) associated with the network interface in not operation. Ensure that the interface is cabled and that there is not a configuration error (i.e. MTU size set incorrectly) on the interface. Once the issue w		

Table 15-88 InterfaceNeighborDown

Alarm	Attributes	Applicable major releases
Name: InterfaceNeighborDown (661) Type: NeighborDown (20) Package: ospf Raised on class: ospf.Interface	Severity: warning Implicitly cleared: true Default probable cause: NeighborDown (103)	<ul style="list-style-type: none"> • 4.0 • 5.0 • 6.0
Description: The alarm is raised when an interface neighbor is operationally down.		
Raising condition: (('Neighbor Count' EQUAL '0L') AND ('interfaceClass' NOT EQUAL 'System') AND ('Passive' NOT EQUAL 'true'))		
Clearing condition: (('Neighbor Count' NOT EQUAL '0L') OR ('Passive' EQUAL 'true'))		

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Alarm	Attributes	Applicable major releases
Remedial action: This alarm is raised when the OSPF interface neighbor is operationally down. The situation may occur if the underlying physical interface is down either because of administrative disabling or a fault on the far end port or due to a cable connection or cable failure. This alarm will also be raised if the underlying transport network fails or is unreliable. Resolving the underlying instability in the transport network will correct this problem.		

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Table 15-89 IPSeclsGrpDown

Alarm	Attributes	Applicable major releases
Name: IPSeclsGrpDown (3745) Type: equipmentAlarm (3) Package: isa Raised on class: isa.IPSeclsGroup	Severity: major Implicitly cleared: true Default probable cause: IPSeclsGrpDown (1480)	<ul style="list-style-type: none"> • 6.0 • 6.1 • 6.2
Description: The alarm is raised when the Operational State of an ISA IPsec group is Down and the Administrative State is Up.		
Raising condition: (('administrativeState' EQUAL 'Up') AND ('operationalState' NOT EQUAL 'Up'))		
Clearing condition: (('operationalState' EQUAL 'Up') OR ('administrativeState' NOT EQUAL 'Up'))		
Remedial action: The operational state of the ISA-Tunnel Group is down, despite the administrative state being up. Check that the configured ISA-Tunnel Group Member MDA(s) are active and operationally up. There may be a fault with the ISA Application IPsec(Tunnel) Group.		

Table 15-90 IPsecTunnelBfdConnectionBroken

Alarm	Attributes	Applicable major releases
Name: IPsecTunnelBfdConnectionBroken (831) Type: serviceAlarm (16) Package: ipsec Raised on class: ipsec.IPsecTunnelBfd	Severity: minor Implicitly cleared: true Default probable cause: bfdSessionConnectionBroken (593)	<ul style="list-style-type: none"> • 6.0 • 6.1 • 6.2
Description: The alarm is raised when the BFD connection to a peer times out.		
Raising condition: ('Operational State' EQUAL 'Timed Out')		
Clearing condition: ('Operational State' NOT EQUAL 'Timed Out')		
Remedial action: Check if the route to the BFD peer exist and is up.		

Table 15-91 IPSecTunnelBfdConnectionDown

Alarm	Attributes	Applicable major releases
Name: IPSecTunnelBfdConnectionDown (832) Type: serviceAlarm (16) Package: ipsec Raised on class: ipsec.IPSecTunnelBfd	Severity: minor Implicitly cleared: true Default probable cause: bfdSessionDown (346)	<ul style="list-style-type: none"> • 6.0 • 6.1 • 6.2
Description: The alarm is raised when the Operational State of a BFD session is Not Connected.		
Raising condition: ('Operational State' NOT EQUAL 'Operational')		
Clearing condition: ('Operational State' EQUAL 'Operational')		
Remedial action: Check if the route to the BFD peer exist and is up.		

Table 15-92 IPSecTunnelBfdConnectionPeerDetectsDown

Alarm	Attributes	Applicable major releases
Name: IPSecTunnelBfdConnectionPeerDetectsDown (833) Type: serviceAlarm (16) Package: ipsec Raised on class: ipsec.IPSecTunnelBfd	Severity: minor Implicitly cleared: true Default probable cause: bfdSessionConnectionPeerDetectsDown (594)	<ul style="list-style-type: none"> • 6.0 • 6.1 • 6.2
Description: The alarm is raised when a BFD peer detects a connection timeout.		
Raising condition: ('Operational State' EQUAL 'Down')		
Clearing condition: ('Operational State' NOT EQUAL 'Down')		
Remedial action: Check if the route to the BFD peer exist and is up.		

Table 15-93 IPSecTunnelDown

Alarm	Attributes	Applicable major releases
Name: IPSecTunnelDown (834) Type: serviceAlarm (16) Package: ipsec Raised on class: ipsec.IPSecTunnel	Severity: major Implicitly cleared: true Default probable cause: tunnelDown (23)	<ul style="list-style-type: none"> • 6.0 • 6.1 • 6.2
Description: The alarm is raised when the IPsec tunnel operational state changes to 'down' and the administrative state is 'up'.		
Raising condition: (('Operational State' NOT EQUAL 'Up') AND ('Administrative State' EQUAL 'Up'))		
Clearing condition: (('Operational State' EQUAL 'Up') OR ('Administrative State' NOT EQUAL 'Up'))		
Remedial action: Fix the errors indicated in operational flag.		

Table 15-94 IsisAdjacencyDown

Alarm	Attributes	Applicable major releases
Name: IsisAdjacencyDown (153) Type: adjacencyAlarm (31) Package: isis Raised on class: isis.Interface	Severity: minor Implicitly cleared: true Default probable cause: IsisInterfaceDown (232)	<ul style="list-style-type: none"> • 4.0 • 5.0 • 6.0 • 6.1 • 6.2
Description: The alarm is raised when an IS-IS interface has no adjacencies, for example, because the IS-IS protocol on the remote site is down.		
Raising condition: (('Adjacency Count' EQUAL '0L') AND ('interfaceClass' NOT EQUAL 'System') AND ('Passive' NOT EQUAL 'True'))		
Clearing condition: (('Adjacency Count' > '0L') OR ('Passive' EQUAL 'True'))		
Remedial action: Check remote site to see if corresponding IS-IS interface is configured and admin up.		

Table 15-95 IsisDown

Alarm	Attributes	Applicable major releases
Name: IsisDown (19) Type: ProtocolAlarm (1) Package: isis Raised on class: isis.Site	Severity: critical Implicitly cleared: true Default probable cause: protocolDown (1)	<ul style="list-style-type: none"> • 4.0 • 5.0 • 6.0 • 6.1 • 6.2
Description: The alarm is raised when an IS-IS site has an Operational State other than Up, and the Administrative State is Up.		
Raising condition: (('Administrative State' EQUAL 'Up') AND ('Operational State' NOT EQUAL 'Up'))		
Clearing condition: (('Operational State' EQUAL 'Up') OR ('Administrative State' NOT EQUAL 'Up'))		
Remedial action: The protocol is not working anymore, could be a problem with IP addresses, resources on the device, ...		

Table 15-96 IsisInterfaceDown

Alarm	Attributes	Applicable major releases
Name: IsisInterfaceDown (301) Type: ProtocolAlarm (1) Package: isis Raised on class: isis.Interface	Severity: warning Implicitly cleared: true Default probable cause: protocolDown (1)	<ul style="list-style-type: none"> • 4.0 • 5.0 • 6.0 • 6.1 • 6.2
Description: The alarm is raised when an IS-IS interface has an Operational State other than Up.		
Raising condition: ('Operational State' EQUAL 'Down')		
Clearing condition: ('Operational State' NOT EQUAL 'Down')		
Remedial action: Check if underlying port is down, or associated network interface is down.		

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Table 15-97 KeepAliveProblem

Alarm	Attributes	Applicable major releases
Name: KeepAliveProblem (100) Type: oamAlarm (18) Package: svt Raised on class: svt.Tunnel	Severity: warning Implicitly cleared: true Default probable cause: keepAliveFailed (86)	<ul style="list-style-type: none"> • 4.0 • 5.0 • 6.0 • 6.1 • 6.2
Description: The alarm is raised when the 5620 SAM detects a keep-alive protocol status of senderIdInvalid or responderIdError.		
Raising condition: (('Keep-Alive State' NOT EQUAL 'Disabled') AND ('Keep-Alive State' NOT EQUAL 'Alive') AND ('Keep-Alive State' NOT EQUAL 'Unknown'))		
Clearing condition: (('Keep-Alive State' EQUAL 'Disabled') OR ('Keep-Alive State' EQUAL 'Alive') OR ('Keep-Alive State' EQUAL 'Unknown'))		
Remedial action: Check the configuration of this tunnel and underlying physical transport.		

Table 15-98 LabelProblem

Alarm	Attributes	Applicable major releases
Name: LabelProblem (98) Type: CircuitAlarm (17) Package: svt Raised on class: svt.SdpBinding	Severity: critical Implicitly cleared: true Default probable cause: labelProblem (84)	<ul style="list-style-type: none"> • 4.0 • 5.0 • 6.0 • 6.1 • 6.2
Description: The alarm is raised when an ingress or an egress label is missing.		
Raising condition: (('Operational State' EQUAL 'No Egress Label') OR ('Operational State' EQUAL 'No Ingress Label') OR ('Operational State' EQUAL 'No Labels'))		
Clearing condition: (('Operational State' NOT EQUAL 'No Egress Label') AND ('Operational State' NOT EQUAL 'No Ingress Label') AND ('Operational State' NOT EQUAL 'No Labels'))		
Remedial action: An ingress or egress label is missing for the SDP binding.		

Table 15-99 LagDown

Alarm	Attributes	Applicable major releases
Name: LagDown (20) Type: equipmentAlarm (3) Package: lag Raised on class: lag.Interface	Severity: critical Implicitly cleared: true Default probable cause: lagDown (17)	<ul style="list-style-type: none"> • 5.0 • 6.0 • 6.1 • 6.2
Description: The alarm is raised when all ports in a LAG are operationally down.		
Raising condition: (('Administrative State' EQUAL 'Up') AND ('operationalState' NOT EQUAL 'Up'))		
Clearing condition: (('operationalState' EQUAL 'Up') OR ('Administrative State' NOT EQUAL 'Up'))		

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Alarm	Attributes	Applicable major releases
<p>Remedial action: This alarm indicates that all physical Ethernet links associated with a LAG are operationally down. The reasons for the links to be down may vary from link to link. The following possible causes of this alarm should be investigated. The physical port (near end or far end may have failed - this can be remedied by replacing the interface card in question. The physical links may have been turned down administratively - re-enable the links. A cable failure or disconnect may have occurred - please ensure that the cables are properly connected to the physical port and and that the cable has not been damaged.</p>		

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Table 15-100 LagPortAddFailed

Alarm	Attributes	Applicable major releases
Name: LagPortAddFailed (422) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.PhysicalPort	Severity: warning Implicitly cleared: true Default probable cause: linkDown (315)	<ul style="list-style-type: none"> • 4.0 • 5.0 • 6.0 • 6.1 • 6.2
<p>Description: The alarm is raised when the Lag Port Add function Fails.</p>		
<p>Raising condition: (('state' EQUAL 'Link Down') AND ('LAG ID' > '0'))</p>		
<p>Clearing condition: (('state' NOT EQUAL 'Link Down') OR ('LAG ID' EQUAL '0'))</p>		
<p>Remedial action: A configuration error has occurred which must be corrected. The link that was to be added to the LAG group may be of the wrong type (i.e. non ethernet) or the limit of the number of links supported in a LAG may have been reached.</p>		

Table 15-101 LdpDown

Alarm	Attributes	Applicable major releases
Name: LdpDown (22) Type: ProtocolAlarm (1) Package: ldp Raised on class: ldp.Site	Severity: critical Implicitly cleared: true Default probable cause: protocolDown (1)	<ul style="list-style-type: none"> • 4.0 • 5.0 • 6.0 • 6.1 • 6.2
<p>Description: The alarm is raised when an LDP site has an Operational State other than Up, and the Administrative State is Up.</p>		
<p>Raising condition: (('Administrative State' EQUAL 'Up') AND ('Operational State' NOT EQUAL 'Up'))</p>		
<p>Clearing condition: (('Operational State' EQUAL 'Up') OR ('Administrative State' NOT EQUAL 'Up'))</p>		
<p>Remedial action: Check operational state down reason and update accordingly.</p>		

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Table 15-102 LdpSessionNonexistent

Alarm	Attributes	Applicable major releases
Name: LdpSessionNonexistent (2954) Type: LdpSessionAlarm (101) Package: ldp Raised on class: ldp.Session	Severity: critical Implicitly cleared: true Default probable cause: LdpSessionDown (1149)	<ul style="list-style-type: none"> • 4.0 • 5.0 • 6.0 • 6.1 • 6.2
Description: The alarm is raised when an LDP session is non-existent.		
Raising condition: ('Session State' EQUAL 'Non-existent')		
Clearing condition: ('Session State' EQUAL 'Operational')		
Remedial action: Please check the LDP session path to make sure all associated protocols/interfaces/connections are OK.		

Table 15-103 LdpTargetedPeerDown

Alarm	Attributes	Applicable major releases
Name: LdpTargetedPeerDown (23) Type: ProtocolAlarm (1) Package: ldp Raised on class: ldp.TargetedPeer	Severity: critical Implicitly cleared: true Default probable cause: protocolDown (1)	<ul style="list-style-type: none"> • 4.0 • 5.0 • 6.0 • 6.1 • 6.2
Description: The alarm is raised when an LDP targeted peer is operationally down.		
Raising condition: (('administrativeState' EQUAL 'Up') AND ('operationalState' NOT EQUAL 'Up'))		
Clearing condition: (('operationalState' EQUAL 'Up') OR ('administrativeState' NOT EQUAL 'Up'))		
Remedial action: Please check the route to LDP targeted peer to make sure all associated protocols/interfaces/connections are OK.		

Table 15-104 LicensedLimitExceeded

Alarm	Attributes	Applicable major releases
Name: LicensedLimitExceeded (127) Type: licensingAlarm (23) Package: security Raised on class: security.ProductLicense	Severity: critical Implicitly cleared: true Default probable cause: licensedLimitExceeded (106)	<ul style="list-style-type: none"> • 4.0 • 5.0 • 6.0 • 6.1 • 6.2
Description: The alarm is raised when the license items in the network exceeds 100 percent of the license capacity.		
Raising condition: ('Exceeded' EQUAL 'true')		
Clearing condition: ('Exceeded' NOT EQUAL 'true')		
Remedial action: Informational - The number of SAM licenses purchased and available on the SAM server is insufficient as compared to the number of NEs/MDA/Cells under management in the network. Please contact Alcatel-Lucent Sales to purchase additional licenses.		

Table 15-105 LineAlarmIndicationSignal

Alarm	Attributes	Applicable major releases
Name: LineAlarmIndicationSignal (84) Type: communicationsAlarm (4) Package: sonetequipment Raised on class: sonetequipment.SonetPortMonitorSpecifics	Severity: major Implicitly cleared: true Default probable cause: lineAlarmIndicationSignal (70)	<ul style="list-style-type: none"> • 4.0 • 5.0 • 6.0 • 6.1 • 6.2
Description: The alarm is raised when a SONET port reports an LAIS error. The alarm corresponds to the lais alarm on an NE.		
Raising condition: (('Outstanding Alarms'anyBit'Line Alarm Indication Signal') AND ('Report Alarms'anyBit'Line Alarm Indication Signal'))		
Clearing condition: NOT (('Outstanding Alarms'anyBit'Line Alarm Indication Signal') AND ('Report Alarms'anyBit'Line Alarm Indication Signal'))		
Remedial action: Informational only.		

Table 15-106 LineErrorCondition

Alarm	Attributes	Applicable major releases
Name: LineErrorCondition (94) Type: communicationsAlarm (4) Package: sonetequipment Raised on class: sonetequipment.SonetPortMonitorSpecifics	Severity: major Implicitly cleared: true Default probable cause: lineErrorCondition (80)	<ul style="list-style-type: none"> • 4.0 • 5.0 • 6.0 • 6.1 • 6.2
Description: The alarm is raised when a SONET port reports a line error condition that a remote NE raises because of b1 errors received from the local NE. The alarm corresponds to the lrei alarm on an NE.		
Raising condition: (('Outstanding Alarms'anyBit'Line Error Condition') AND ('Report Alarms'anyBit'Line Error Condition'))		
Clearing condition: NOT (('Outstanding Alarms'anyBit'Line Error Condition') AND ('Report Alarms'anyBit'Line Error Condition'))		
Remedial action: Check the SONET port is configured correctly and that the physical layer cabling is operating correctly. Call customer support if necessary.		

Table 15-107 LineRemoteDefectIndication

Alarm	Attributes	Applicable major releases
Name: LineRemoteDefectIndication (85) Type: communicationsAlarm (4) Package: sonetequipment Raised on class: sonetequipment.SonetPortMonitorSpecifics	Severity: major Implicitly cleared: true Default probable cause: lineRemoteDefectIndication (71)	<ul style="list-style-type: none"> • 4.0 • 5.0 • 6.0 • 6.1 • 6.2
Description: The alarm is raised when a SONET port reports a line remote defect indication error caused by an LOF, LOC, or LOS condition. The alarm corresponds to the lrdi alarm on an NE.		

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Alarm	Attributes	Applicable major releases
Raising condition: (('Outstanding Alarms'anyBit'Line Remote Defect Indication') AND ('Report Alarms'anyBit'Line Remote Defect Indication'))		
Clearing condition: NOT (((('Outstanding Alarms'anyBit'Line Remote Defect Indication') AND ('Report Alarms'anyBit'Line Remote Defect Indication'))))		
Remedial action: Informational only.		

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Table 15-108 LinkDown (equipment)

Alarm	Attributes	Applicable major releases
Name: LinkDown (12) Type: communicationsAlarm (4) Package: equipment Raised on class: equipment.Equipment	Severity: major Implicitly cleared: true Default probable cause: portLinkProblem (10)	<ul style="list-style-type: none"> • 4.0 • 5.0 • 6.0 • 6.1 • 6.2
Description: The alarm is raised when a port has no associated physical link or remote end point is operationally down.		
Raising condition: (('compositeEquipmentState' EQUAL 'Link Down') OR ('compositeEquipmentState' EQUAL 'Oper Down'))		
Clearing condition: (('compositeEquipmentState' NOT EQUAL 'Link Down') AND ('compositeEquipmentState' NOT EQUAL 'Oper Down'))		
Remedial action: Please make sure that port has physical link and remote end point is operationally up.		

Table 15-109 LossOfClock (sonetequipment)

Alarm	Attributes	Applicable major releases
Name: LossOfClock (83) Type: communicationsAlarm (4) Package: sonetequipment Raised on class: sonetequipment.SonetPortMonitorSpecifics	Severity: major Implicitly cleared: true Default probable cause: lossOfClock (69)	<ul style="list-style-type: none"> • 4.0 • 5.0 • 6.0 • 6.1 • 6.2
Description: The alarm is raised when a SONET port reports an LOC condition, which causes the NE to set the port Operational State to Down.		
Raising condition: (('Outstanding Alarms'anyBit'Loss of Clock') AND ('Report Alarms'anyBit'Loss of Clock'))		
Clearing condition: NOT (((('Outstanding Alarms'anyBit'Loss of Clock') AND ('Report Alarms'anyBit'Loss of Clock'))))		
Remedial action: One of the following conditions exists on the referenced physical interface which must be corrected. A cable/fiber fault exists which must be corrected - check to ensure that the cable is not faulty and is properly connected.		

Table 15-110 LowTemperatureDetected

Alarm	Attributes	Applicable major releases
Name: LowTemperatureDetected (1127) Type: environmentalAlarm (2) Package: equipment Raised on class: equipment.Shelf	Severity: major Implicitly cleared: true Default probable cause: equipmentOvercooled (838)	<ul style="list-style-type: none"> • 4.0 • 5.0 • 6.0 • 6.1 • 6.2
Description: The alarm is raised when the chassis temperature falls below the minimum threshold.		
Raising condition: ('Low Temperature State' EQUAL 'Low')		
Clearing condition: ('Low Temperature State' NOT EQUAL 'Low')		
Remedial action: The NE has detected internal temperatures which are abnormally low. This may happen when the environment that the NE is operating in may not be within specifications found in the NE user guides.		

Table 15-111 LspDown

Alarm	Attributes	Applicable major releases
Name: LspDown (25) Type: pathAlarm (12) Package: mpls Raised on class: mpls.Lsp	Severity: critical Implicitly cleared: true Default probable cause: LspDown (19)	<ul style="list-style-type: none"> • 4.0 • 5.0 • 6.0 • 6.1 • 6.2
Description: The alarm is raised when the Operational State of an LSP is Down, but the Administrative State is Up.		
Raising condition: (('administrativeState' EQUAL 'Up') AND ('operationalState' NOT EQUAL 'Up'))		
Clearing condition: (('operationalState' EQUAL 'Up') OR ('administrativeState' NOT EQUAL 'Up'))		
Remedial action: So many things can cause LSP down, check if source and destination interfaces are down, LSP path is down and the failure code, or MPLS path is down...		

Table 15-112 LspPathBypassTunnelActive

Alarm	Attributes	Applicable major releases
Name: LspPathBypassTunnelActive (264) Type: pathAlarm (12) Package: mpls Raised on class: mpls.LspPath	Severity: warning Implicitly cleared: true Default probable cause: LspPathReroutedToBypassTunnel (197)	<ul style="list-style-type: none"> • 4.0 • 5.0 • 6.0 • 6.1 • 6.2
Description: The alarm is raised when an LSP primary path is rerouted to the bypass tunnel. The alarm clears when the primary path returns to the original tunnel and the actual hop returns to the primary path.		
Raising condition: ('Bypass Tunnel Active' EQUAL 'true')		
Clearing condition: ('Bypass Tunnel Active' EQUAL 'false')		

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Alarm	Attributes	Applicable major releases
Remedial action: There is a problem with the original path, check what is the problem and fix it if possible.		

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Table 15-113 LspPathDown

Alarm	Attributes	Applicable major releases
Name: LspPathDown (26) Type: pathAlarm (12) Package: mpls Raised on class: mpls.LspPath	Severity: major Implicitly cleared: true Default probable cause: LspPathDown (20)	<ul style="list-style-type: none"> • 4.0 • 5.0 • 6.0 • 6.1 • 6.2
Description: The alarm is raised when an LSP path is operationally down.		
Raising condition: (('Administrative' EQUAL 'Up') AND ('Operational' NOT EQUAL 'Up') AND ('Type' EQUAL 'Standby'))		
Clearing condition: (('Operational' EQUAL 'Up') OR ('Administrative' NOT EQUAL 'Up') OR ('Type' EQUAL 'Secondary'))		
Remedial action: Check the failure code and update accordingly, e.g. whether MPLS/RSVP interfaces, OSPF interfaces are down.		

Table 15-114 macMoveRateExceeded (service)

Alarm	Attributes	Applicable major releases
Name: macMoveRateExceeded (3690) Type: accessInterfaceAlarm (40) Package: service Raised on class: service.AccessInterface	Severity: minor Implicitly cleared: true Default probable cause: MacMoveRateExceeded (1429)	<ul style="list-style-type: none"> • 4.0 • 5.0 • 6.0 • 6.1 • 6.2
Description: The alarm is raised when the SAP exceeds the MAC Move Frequency of the service site.		
Raising condition: ('State Cause'anyBit'Relearn Limit Exceeded')		
Clearing condition: NOT (('State Cause'anyBit'Relearn Limit Exceeded'))		
Remedial action: Informational.		

Table 15-115 macMoveRateExceeded (svt)

Alarm	Attributes	Applicable major releases
Name: macMoveRateExceeded (3690) Type: SpokeSdpBindingAlarm (104) Package: svt Raised on class: svt.SpokeSdpBinding	Severity: minor Implicitly cleared: true Default probable cause: MacMoveRateExceeded (1429)	<ul style="list-style-type: none"> • 4.0 • 5.0 • 6.0 • 6.1 • 6.2

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Alarm	Attributes	Applicable major releases
Description: The alarm is raised when the SDP exceeds the Service Site's MAC Move Frequency.		
Raising condition: ('operationalFlags'anyBit'Relearn Limit Exceeded')		
Clearing condition: NOT (('operationalFlags'anyBit'Relearn Limit Exceeded'))		
Remedial action: Check Service Site MAC move frequency or underlying physical link to understand issue.		

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Table 15-116 macMoveRateExceededNonBlock (service)

Alarm	Attributes	Applicable major releases
Name: macMoveRateExceededNonBlock (4893) Type: accessInterfaceAlarm (40) Package: service Raised on class: service.AccessInterface	Severity: info Implicitly cleared: true Default probable cause: MacMoveRateExceededNonBlock (1951)	<ul style="list-style-type: none"> • 4.0 • 5.0 • 6.0 • 6.1 • 6.2
Description: The alarm is raised when the SAP exceeds the MAC Move Frequency of the service site when limitMacMove(sapTIsLimitMacMove) is set to 'nonBlocking'.		
Raising condition: ('State Cause'anyBit'Relearn Limit Exceeded')		
Clearing condition: NOT (('State Cause'anyBit'Relearn Limit Exceeded'))		
Remedial action: Informational - User can adjust the value of 'MAC Move Maximum Rate' to reduce the frequency of this alarm.		

Table 15-117 macMoveRateExceededNonBlock (svt)

Alarm	Attributes	Applicable major releases
Name: macMoveRateExceededNonBlock (4893) Type: SpokeSdpBindingAlarm (104) Package: svt Raised on class: svt.SpokeSdpBinding	Severity: info Implicitly cleared: true Default probable cause: MacMoveRateExceededNonBlock (1951)	<ul style="list-style-type: none"> • 4.0 • 5.0 • 6.0 • 6.1 • 6.2
Description: The alarm is raised when the SDP exceeds the Service Site's MAC Move Frequency even when limitMacMove(sdpBindTIsLimitMacMove) is set to 'nonBlocking'.		
Raising condition: ('operationalFlags'anyBit'Relearn Limit Exceeded')		
Clearing condition: NOT (('operationalFlags'anyBit'Relearn Limit Exceeded'))		
Remedial action: Informational - User can adjust the value of 'MAC Move Maximum Rate' to reduce the frequency of this alarm.		

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Table 15-118 MCLagDown (lag)

Alarm	Attributes	Applicable major releases
Name: MCLagDown (394) Type: equipmentAlarm (3) Package: lag Raised on class: lag.MultiChassisLagSpecifics	Severity: critical Implicitly cleared: true Default probable cause: mCLagDown (295)	<ul style="list-style-type: none"> • 6.0 • 6.1 • 6.2
Description: The alarm is raised when all ports in an MC LAG are operationally down.		
Raising condition: (('administrativeState' EQUAL 'Up') AND ('operationalState' NOT EQUAL 'Up'))		
Clearing condition: (('operationalState' EQUAL 'Up') OR ('administrativeState' NOT EQUAL 'Up'))		
Remedial action: This alarm indicates that all physical Ethernet links associated with a LAG are operationally down. The reasons for the links to be down may vary from link to link. The following possible causes of this alarm should be investigated. The physical port (near end or far end may have failed - this can be remedied by replacing the interface card in question. The physical links may have been turned down administratively - re-enable the links. A cable failure or disconnect may have occurred - please ensure that the cables are properly connected to the physical port and and that the cable has not been damaged.		

Table 15-119 MCLagDown (multichassis)

Alarm	Attributes	Applicable major releases
Name: MCLagDown (394) Type: equipmentAlarm (3) Package: multichassis Raised on class: multichassis.MultiChassisLagPeerSpecifics	Severity: critical Implicitly cleared: true Default probable cause: mCLagDown (295)	<ul style="list-style-type: none"> • 6.0 • 6.1 • 6.2
Description: The alarm is raised when all ports in an MC LAG are operationally Down.		
Raising condition: (('Administrative State' EQUAL 'Up') AND ('Operational State' NOT EQUAL 'Up'))		
Clearing condition: (('Operational State' EQUAL 'Up') OR ('Administrative State' NOT EQUAL 'Up'))		
Remedial action: This alarm indicates that all physical Ethernet links associated with a LAG are operationally down. The reasons for the links to be down may vary from link to link. The following possible causes of this alarm should be investigated. The physical port (near end or far end may have failed - this can be remedied by replacing the interface card in question. The physical links may have been turned down administratively - re-enable the links. A cable failure or disconnect may have occurred - please ensure that the cables are properly connected to the physical port and and that the cable has not been damaged.		

Table 15-120 MepAISReceivedAlarm

Alarm	Attributes	Applicable major releases
Name: MepAISReceivedAlarm (2945) Type: oamAlarm (18) Package: ethernetoam Raised on class: ethernetoam.Mep	Severity: variable Implicitly cleared: true Default probable cause: missingRemoteMep (388)	<ul style="list-style-type: none"> • 4.0 • 5.0 • 6.0 • 6.1 • 6.2
Description: The alarm is raised when a MEP receives AIS test frames from one or more of its sub-layer MEPs.		

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Alarm	Attributes	Applicable major releases
Raising condition: (('AIS Received (AisRx)' EQUAL 'true') AND ('Facility VLAN ID' EQUAL '0'))		
Clearing condition: ('AIS Received (AisRx)' EQUAL 'false')		
Remedial action: This alarm indicates that it has received a MEP fault from a sub-layer MEP, user should investigate the fault cause on the sub-layer MEP and resolve this root cause issue.		

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Table 15-121 MldDown

Alarm	Attributes	Applicable major releases
Name: MldDown (587) Type: ProtocolAlarm (1) Package: mld Raised on class: mld.Site	Severity: critical Implicitly cleared: true Default probable cause: protocolDown (1)	<ul style="list-style-type: none"> • 6.0 • 6.1 • 6.2
Description: The alarm is raised when an MLD site has an Operational State other than Up, and the Administrative State is Up.		
Raising condition: (('Administrative State' EQUAL 'Up') AND ('Operational State' NOT EQUAL 'Up'))		
Clearing condition: (('Operational State' EQUAL 'Up') OR ('Administrative State' NOT EQUAL 'Up'))		
Remedial action: Check the base router and system are configured correctly.		

Table 15-122 MobileConnectorDown

Alarm	Attributes	Applicable major releases
Name: MobileConnectorDown (1064) Type: EpcAlarm (59) Package: Iteservice Raised on class: Iteservice.MobileServiceConnector	Severity: minor Implicitly cleared: true Default probable cause: EpcDown (519)	<ul style="list-style-type: none"> • 4.0 • 5.0 • 6.0 • 6.1 • 6.2
Description: The alarm is raised when the 5620 SAM no longer manages the EPS path instance of this mobile service site. As a result, the service must be regenerated.		
Raising condition: ('EPS Path' EQUAL '\\"')		
Clearing condition: ('EPS Path' NOT EQUAL '\\"')		
Remedial action: The underlying transport network has gone down resulting in the deletion of a mobile service connector (EPS path). Correct the issue with the transport network and regenerate the mobile service connector by clicking on the re-calculate button on the mobile service properties form.		

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Table 15-123 MplsDown

Alarm	Attributes	Applicable major releases
Name: MplsDown (27) Type: ProtocolAlarm (1) Package: mpls Raised on class: mpls.Site	Severity: critical Implicitly cleared: true Default probable cause: protocolDown (1)	<ul style="list-style-type: none"> • 4.0 • 5.0 • 6.0 • 6.1 • 6.2
Description: The alarm is raised when an MPLS site has an Operational State other than Up, and the Administrative State is Up.		
Raising condition: (('Administrative State' EQUAL 'Up') AND ('Operational State' NOT EQUAL 'Up'))		
Clearing condition: (('Operational State' EQUAL 'Up') OR ('Administrative State' NOT EQUAL 'Up'))		
Remedial action: Check operational down reason and update accordingly.		

Table 15-124 MplsPathUpdateFailed

Alarm	Attributes	Applicable major releases
Name: MplsPathUpdateFailed (1066) Type: pathAlarm (12) Package: mpls Raised on class: mpls.LspPath	Severity: major Implicitly cleared: true Default probable cause: mbbRetryExceeded (804) Applicable probable causes: <ul style="list-style-type: none"> • mbbRetryExceeded • lspPathGoingDown • startingHighPriMbb • restartingMbb • highPriMbbInProg 	<ul style="list-style-type: none"> • 4.0 • 5.0 • 6.0 • 6.1 • 6.2
Description: The alarm is raised when an MPLS path update fails because of an MBB problem. The alarm clears when the MBB status changes to Successful.		
Raising condition: (('mbbStatus' NOT EQUAL 'None') AND ('mbbStatus' NOT EQUAL 'Successful'))		
Clearing condition: (('Last Performed State' EQUAL 'Success') OR ('Administrative' EQUAL 'Down') OR (('Operational' EQUAL 'Up') AND ('Last Performed State' EQUAL 'None'))		
Remedial action: Based on the probable cause, change the parameters and update the path again.		

Table 15-125 MvrSiteDown

Alarm	Attributes	Applicable major releases
Name: MvrSiteDown (162) Type: ProtocolAlarm (1) Package: layer2 Raised on class: layer2.MvrSite	Severity: warning Implicitly cleared: true Default probable cause: protocolDown (1)	<ul style="list-style-type: none"> • 4.0 • 5.0 • 6.0 • 6.1 • 6.2
Description: The alarm is raised when MVR is disabled on an NE and a TLS VLAN or MVR VLAN service is provisioned on the NE.		

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Alarm	Attributes	Applicable major releases
Raising condition: ('MVR Admin Status' EQUAL 'Disabled')		
Clearing condition: ('MVR Admin Status' EQUAL 'Enabled')		
Remedial action: To clear the alarm, enable MVR Admin Status under the Bridge Instance.		

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Table 15-126 NeighborDown

Alarm	Attributes	Applicable major releases
Name: NeighborDown (121) Type: NeighborDown (20) Package: ospf Raised on class: ospf.AbstractNeighbor	Severity: major Implicitly cleared: true Default probable cause: NeighborDown (103)	<ul style="list-style-type: none"> • 4.0 • 5.0 • 6.0 • 6.1 • 6.2
Description: The alarm is raised when an OSPF interface neighbor is operationally Down.		
Raising condition: ('Operational State' NOT EQUAL 'full')		
Clearing condition: ('Operational State' EQUAL 'full')		
Remedial action: This alarm is raised when the OSPF interface neighbor is operationally down. The situation may occur if the underlying physical interface is down either because of administrative disabling or a fault on the far end port or due to a cable connection or cable failure. This alarm will also be raised if the underlying transport network fails or is unreliable. Resolving the underlying instability in the transport network will correct this problem.		

Table 15-127 NeManagementAndTrapManagementMismatch

Alarm	Attributes	Applicable major releases
Name: NeManagementAndTrapManagementMismatch (1079) Type: communicationsAlarm (4) Package: netw Raised on class: netw.NetworkElement	Severity: warning Implicitly cleared: true Default probable cause: neManagementChange (817)	<ul style="list-style-type: none"> • 4.0 • 5.0 • 6.0 • 6.1 • 6.2
Description: This user-defined alarm is raised when the NE configuration is one of the following: - The Active Management IP is set to Out Of Band, and the Primary Route Preference is set to In Band. - The Active Management IP is set to In Band, and the Primary Route Preference is set to Out of Band.		
Raising condition: (((('Active Management IP' EQUAL 'In Band') AND (('Management IP Selection' EQUAL 'In Band Preferred') OR ('Management IP Selection' EQUAL 'In Band Only'))) AND ('Primary Route Preference' EQUAL 'Out Of Band') AND ('Secondary Route Preference' EQUAL 'In Band')) OR (('Active Management IP' EQUAL 'Out Of Band') AND (('Management IP Selection' EQUAL 'Out Of Band Preferred') OR ('Management IP Selection' EQUAL 'Out Of Band Only'))) AND ('Primary Route Preference' EQUAL 'In Band') AND ('Secondary Route Preference' EQUAL 'Out Of Band'))		
Clearing condition: (((('Active Management IP' EQUAL 'In Band') AND (('Management IP Selection' EQUAL 'In Band Preferred') OR ('Management IP Selection' EQUAL 'In Band Only'))) AND ('Primary Route Preference' EQUAL 'In Band')) OR (('Active Management IP' EQUAL 'Out Of Band') AND (('Management IP Selection' EQUAL 'Out Of Band Preferred') OR ('Management IP Selection' EQUAL 'Out Of Band Only'))) AND ('Primary Route Preference' EQUAL 'Out Of Band'))		

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Alarm	Attributes	Applicable major releases
Remedial action: A configuration error has been made which must be corrected. The parameters described in the description for this alarm must match.		

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Table 15-128 NewSsh2ServerKeyDetected

Alarm	Attributes	Applicable major releases
Name: NewSsh2ServerKeyDetected (285) Type: communicationsAlarm (4) Package: security Raised on class: security.KnownHostKey	Severity: warning Implicitly cleared: true Default probable cause: ssh2ServerKeyMismatch (217)	<ul style="list-style-type: none"> • 4.0 • 5.0 • 6.0 • 6.1 • 6.2
Description: The alarm is raised when a 5620 SAM main server detects a new public SSH key.		
Raising condition: ('SSH2 Server Key Status' EQUAL 'Mismatch SSH2 Host Key')		
Clearing condition: ('SSH2 Server Key Status' EQUAL 'Active SSH2 Host Key')		
Remedial action: Informational - possible security breach. The SSH key of the router is different from the one known to the SAM server.		

Table 15-129 NodeDatabaseFallbackDetected

Alarm	Attributes	Applicable major releases
Name: NodeDatabaseFallbackDetected (2923) Type: communicationsAlarm (4) Package: netw Raised on class: netw.NetworkElement	Severity: major Implicitly cleared: true Default probable cause: nodeDatabaseFallback (1121)	<ul style="list-style-type: none"> • 4.0 • 5.0 • 6.0 • 6.1 • 6.2
Description: The alarm is raised when a configuration fallback is detected on the node and comes back up with a previous configuration. To correct this situation it might be necessary to reconfigure the node, or perform full resync its database with the 'fallback' configuration returned by the node.		
Raising condition: ('State' EQUAL 'Node Configuration Fallback')		
Clearing condition: ('State' EQUAL 'Managed')		
Remedial action: the NE has come back to a previous configuration. Perform a manual Full Resync or a Reconfigure of the NE		

Table 15-130 NodeDatabaseMisalignmentDetected

Alarm	Attributes	Applicable major releases
Name: NodeDatabaseMisalignmentDetected (2924) Type: communicationsAlarm (4) Package: netw Raised on class: netw.NetworkElement	Severity: major Implicitly cleared: true Default probable cause: nodeDatabaseMisalignment (1122)	<ul style="list-style-type: none"> • 4.0 • 5.0 • 6.0 • 6.1 • 6.2
Description: The alarm is raised when a configuration misalignment has been detected on the node and comes back up with an unexpected configuration (configuration change triggered by external tool) To correct this situation it might be necessary to reconfigure the node with the 5620 SAM's old configuration or accept the new configuration received from the node.		
Raising condition: ('State' EQUAL 'Node Configuration Misalignment')		
Clearing condition: ('State' EQUAL 'Managed')		
Remedial action: the NE configuration is misaligned. Perform a resync in order to update SAM configuration according to the NE.		

Table 15-131 NodeRebooted

Alarm	Attributes	Applicable major releases
Name: NodeRebooted (32) Type: equipmentAlarm (3) Package: netw Raised on class: netw.NetworkElement	Severity: warning Implicitly cleared: false Default probable cause: nodeReboot (25)	<ul style="list-style-type: none"> • 4.0 • 5.0 • 6.0
Description: The alarm is raised when the 5620 SAM detects an NE reboot based on the latest NE sysUpTime value.		
Remedial action: Informational - if the alarm persists please contact Alcatel-Lucent support for assistance		

Table 15-132 NodeSuspended

Alarm	Attributes	Applicable major releases
Name: NodeSuspended (5123) Type: communicationsAlarm (4) Package: netw Raised on class: netw.NetworkElement	Severity: critical Implicitly cleared: true Default probable cause: NodeSuspend (2057)	<ul style="list-style-type: none"> • 4.0 • 5.0 • 6.0 • 6.1 • 6.2
Description: The alarm is raised when the 5620 SAM detects an NE moved to suspend state as per user request.		
Raising condition: ('SNMP Reachability' EQUAL 'Suspended')		
Clearing condition: ('SNMP Reachability' NOT EQUAL 'Suspended')		
Remedial action: This alarm is raised when user suspends the network element. The alarm will be cleared when the network element is managed back.		

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Table 15-133 NTPOperDown

Alarm	Attributes	Applicable major releases
Name: NTPOperDown (4879) Type: communicationsAlarm (4) Package: ntp Raised on class: ntp.NTP	Severity: info Implicitly cleared: true Default probable cause: NTPOperDown (1943)	<ul style="list-style-type: none"> • 5.0 • 6.0 • 6.1 • 6.2
Description: The alarm is generated when the NTP Operational State is down for NTP.		
Raising condition: (('Operational State' EQUAL 'Down') AND ('NTP State' EQUAL 'Enabled'))		
Clearing condition: (('Operational State' EQUAL 'Up') OR ('NTP State' EQUAL 'Disabled'))		
Remedial action: Please check if NTP is administratively enabled (Admin State in NTP General Tab). If admin state down, enable it to make NTP operationally up.		

Table 15-134 OrphanNodeDetected

Alarm	Attributes	Applicable major releases
Name: OrphanNodeDetected (4866) Type: discoveryControlAlarm (33) Package: netw Raised on class: netw.AdvertisedNode	Severity: major Implicitly cleared: true Default probable cause: nodeNotMangedByAnyEms (1934)	<ul style="list-style-type: none"> • 4.0 • 5.0 • 6.0 • 6.1 • 6.2
Description: The alarm is raised when node is node managed by any EMS after n retries(threshold crossed) it is manually cleared by the operator or when the node is discovered.		
Raising condition: ('State' EQUAL 'Orphan')		
Remedial action: The NE is not managed by any SAM.Add an discovery rule in order to managed it.		

Table 15-135 OspfInterfaceDown

Alarm	Attributes	Applicable major releases
Name: OspfInterfaceDown (141) Type: OspfInterfaceDown (24) Package: ospf Raised on class: ospf.Interface	Severity: warning Implicitly cleared: true Default probable cause: OspfInterfaceDown (112)	<ul style="list-style-type: none"> • 4.0 • 5.0 • 6.0 • 6.1 • 6.2
Description: The alarm is raised when an OSPF interface is operationally down.		
Raising condition: ('operationalState' EQUAL 'Down')		
Clearing condition: ('operationalState' NOT EQUAL 'Down')		
Remedial action: This alarm is raised when the OSPF interface is operationally down. The situation may occur if the underlying physical interface is down either because of administrative disabling or a fault on the far end port or due to a cable connection or cable failure. This alarm will also be raised if the underlying transport network fails or is unreliable. Resolving the underlying instability in the transport network will correct this problem.		

Table 15-136 OverTemperatureDetected

Alarm	Attributes	Applicable major releases
Name: OverTemperatureDetected (388) Type: environmentalAlarm (2) Package: equipment Raised on class: equipment.Shelf	Severity: major Implicitly cleared: true Default probable cause: equipmentOverheated (5)	<ul style="list-style-type: none"> • 4.0 • 5.0 • 6.0 • 6.1 • 6.2
Description: The alarm is raised when the chassis temperature exceeds the maximum threshold value.		
Raising condition: ('Over Temperature State' EQUAL 'Over')		
Clearing condition: ('Over Temperature State' NOT EQUAL 'Over')		
Remedial action: The NE has detected internal temperatures which are abnormally high. This could be caused by a failed fan unit or one or more dirty fan filters. Replacing the failed unit or filters should resolve the problem. Alternately the environment that the NE is operating in may not be within specifications found in the NE user guides.		

Table 15-137 PartialResyncProblem

Alarm	Attributes	Applicable major releases
Name: PartialResyncProblem (4401) Type: communicationsAlarm (4) Package: netw Raised on class: netw.NetworkElement	Severity: warning Implicitly cleared: true Default probable cause: partialResyncProblem (1578)	<ul style="list-style-type: none"> • 4.0 • 5.0 • 6.0 • 6.1 • 6.2
Description: The alarm is raised when a partial resync on an NE fails. For example, when resyncing only some MIB entries as opposed to a full resync. The periodic reachability test (sysUpTime) is not considered a partial resync, neither is a full resync. However, a PartialResyncProblem alarm can only be reset by a FullResync.		
Raising condition: ('partialResyncStatus' EQUAL 'Partial Resync Failed')		
Clearing condition: ('partialResyncStatus' EQUAL 'Partial Resync Done')		
Remedial action: Informational - if the alarm persists or is occurring frequently then investigation is required to understand a) why the underlying transport network is unreliable or b) why the NE is too busy to respond to 5620 SAM or c) has SNMP been disabled on the NE.		

Table 15-138 PeerConnectionDown (bgp)

Alarm	Attributes	Applicable major releases
Name: PeerConnectionDown (2) Type: ProtocolAlarm (1) Package: bgp Raised on class: bgp.Peer	Severity: critical Implicitly cleared: true Default probable cause: connectionDown (2)	<ul style="list-style-type: none"> • 4.0 • 5.0 • 6.0 • 6.1 • 6.2
Description: The alarm is raised when a BGP peer has a Connection State other than Established, and the Administrative State of the BGP peer is Up.		

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Alarm	Attributes	Applicable major releases
Raising condition: (('Connection State' NOT EQUAL 'Established') AND ('Administrative State' EQUAL 'Up'))		
Clearing condition: (('Connection State' EQUAL 'Established') OR ('Administrative State' NOT EQUAL 'Up'))		
Remedial action: A mismatch in configuration may have occurred. Check the configuration of both peers to rule out a mismatched configuration.		

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Table 15-139 PeerDown (bgp)

Alarm	Attributes	Applicable major releases
Name: PeerDown (1) Type: ProtocolAlarm (1) Package: bgp Raised on class: bgp.Peer	Severity: critical Implicitly cleared: true Default probable cause: protocolDown (1)	<ul style="list-style-type: none"> • 4.0 • 5.0 • 6.0 • 6.1 • 6.2
Description: The alarm is raised when a BGP peer has an Operational State other than Up, and the Administrative State is Up.		
Raising condition: (('Administrative State' EQUAL 'Up') AND ('Operational State' NOT EQUAL 'Up'))		
Clearing condition: (('Operational State' EQUAL 'Up') OR ('Administrative State' NOT EQUAL 'Up'))		
Remedial action: The BGP peer entity is down - administratively disable the BGP peer and re-enable it. If toggling the administrative state does not solve the problem check that the physical interface and network connection to the far end peer are up and operational. If the problem persists please contact Alcatel-Lucent support for assistance.		

Table 15-140 PeerGroupDown (bgp)

Alarm	Attributes	Applicable major releases
Name: PeerGroupDown (5) Type: ProtocolAlarm (1) Package: bgp Raised on class: bgp.PeerGroup	Severity: critical Implicitly cleared: true Default probable cause: protocolDown (1)	<ul style="list-style-type: none"> • 4.0 • 5.0 • 6.0 • 6.1 • 6.2
Description: The alarm is raised when a BGP peer group has an Operational State other than Up, and the Administrative State is Up.		
Raising condition: (('Administrative State' EQUAL 'Up') AND ('Operational State' NOT EQUAL 'Up'))		
Clearing condition: (('Operational State' EQUAL 'Up') OR ('Administrative State' NOT EQUAL 'Up'))		
Remedial action: The BGP peer group is down - administratively disable the BGP peer group and re-enable it. If the problem persists please contact Alcatel-Lucent support for assistance.		

Table 15-141 PeerLacIngressEgressFault

Alarm	Attributes	Applicable major releases
Name: PeerLacIngressEgressFault (2929) Type: PeerLacAlarm (98) Package: svt Raised on class: svt.SpokeSdpBinding	Severity: minor Implicitly cleared: true Default probable cause: peerPWStatusBitsChanged (1123)	<ul style="list-style-type: none"> • 4.0 • 5.0 • 6.0 • 6.1 • 6.2
Description: The alarm is raised when the Peer Status is Peer LAC Rx Fault and Peer LAC Tx Fault		
Raising condition: (('Peer State Cause'anyBit'Peer LAC Tx Fault') AND ('Peer State Cause'anyBit'Peer LAC Rx Fault'))		
Clearing condition: NOT (('Peer State Cause'anyBit'Peer LAC Tx Fault') AND ('Peer State Cause'anyBit'Peer LAC Rx Fault'))		
Remedial action: One of the following conditions exists on the referenced physical interface which must be corrected. A cable/fiber fault exists which must be corrected - check to ensure that the cable is not faulty and is properly connected. The port is faulty - run diagnostics on the port to determine the nature of the fault. If the problem cannot be resolved swap the card containing the port with a card which is known be functional.		

Table 15-142 PersistentIndexParametersMisconfigured

Alarm	Attributes	Applicable major releases
Name: PersistentIndexParametersMisconfigured (173) Type: configurationAlarm (11) Package: netw Raised on class: netw.NetworkElement	Severity: major Implicitly cleared: true Default probable cause: persistentIndexConfigurationMismatch (136)	<ul style="list-style-type: none"> • 4.0 • 5.0 • 6.0 • 6.1 • 6.2
Description: The alarm is raised when persistence is set to Off in the NE BOF.		
Raising condition: (('Persistent SNMP Indices' EQUAL 'False') OR (('hasRedundantProcessorCards' EQUAL 'true') AND ('Redundant Synchronization Mode' EQUAL 'None')))		
Clearing condition: (('Persistent SNMP Indices' EQUAL 'True') AND (('hasRedundantProcessorCards' EQUAL 'false') OR ('Redundant Synchronization Mode' NOT EQUAL 'None')))		
Remedial action: A configuration error has occurred that must be corrected. Use the CLI on the NE to enable persistency in the BOF. The discovery process will complete on the next discovery scan. A re-scan can be triggered immediately for the NE from within the discovery manager		

Table 15-143 PimDown

Alarm	Attributes	Applicable major releases
Name: PimDown (184) Type: ProtocolAlarm (1) Package: pim Raised on class: pim.Site	Severity: critical Implicitly cleared: true Default probable cause: protocolDown (1)	<ul style="list-style-type: none"> • 6.0 • 6.1 • 6.2
Description: The alarm is raised when a PIM site is administratively Up but operationally Down. The alarm is cleared when the PIM site becomes operationally Up but administratively Down.		

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Alarm	Attributes	Applicable major releases
Raising condition: (('Administrative State' EQUAL 'Up') AND ('Operational State' NOT EQUAL 'Up'))		
Clearing condition: (('Operational State' EQUAL 'Up') OR ('Administrative State' NOT EQUAL 'Up'))		
Remedial action: This should never happen. Contact Alcatel-Lucent Customer Support for assistance.		

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Table 15-144 PollerProblem

Alarm	Attributes	Applicable major releases
Name: PollerProblem (31) Type: communicationsAlarm (4) Package: netw Raised on class: netw.NetworkElement	Severity: warning Implicitly cleared: true Default probable cause: resyncFailed (24)	<ul style="list-style-type: none"> • 4.0 • 5.0 • 6.0 • 6.1 • 6.2
Description: The alarm is raised when the 5620 SAM is unable to poll a network object, for example, because of intermittent or no IP connectivity to an NE, incorrect SNMP security parameters, or disabled SNMP on the NE.		
Raising condition: ('Resync Status' EQUAL 'Full Resync Failed')		
Clearing condition: ('Resync Status' EQUAL 'Full Resync Done')		
Remedial action: Informational - if the alarm persists or is occurring frequently then investigation is required to understand a) why the underlying transport network is unreliable or b) why the NE is too busy to respond to 5620 SAM or c) has SNMP been disabled on the NE. Once the issue has been resolved SAM will automatically re-attempt.		

Table 15-145 PortEtherSymMonSDAlarm

Alarm	Attributes	Applicable major releases
Name: PortEtherSymMonSDAlarm (5662) Type: communicationsAlarm (4) Package: ethernetequipment Raised on class: ethernetequipment.EthernetPortSpecifics	Severity: major Implicitly cleared: true Default probable cause: etherPortSymMonSDThresholdExceededAlarm (2439)	<ul style="list-style-type: none"> • 4.0 • 5.0 • 6.0 • 6.1 • 6.2
Description: The alarm is raised when an Ethernet port Symbol Monitor Failure alarm condition is detected (Signal Degradation Threshold exceeded).		
Raising condition: ('Symbol Alarm Reason' EQUAL 'SD Threshold Exceeded')		
Clearing condition: ('Symbol Alarm Reason' NOT EQUAL 'SD Threshold Exceeded')		
Remedial action: Symbol monitor signal degradation alarm could be cleared by changing/disabling the associated threshold/multiplier values or it is self clearing and will clear once the error rate drops below 1/10th of the configured rate.		

Table 15-146 PortEtherSymMonSFAlarm

Alarm	Attributes	Applicable major releases
Name: PortEtherSymMonSFAlarm (5663) Type: communicationsAlarm (4) Package: ethernetequipment Raised on class: ethernetequipment.EthernetPortSpecifics	Severity: major Implicitly cleared: true Default probable cause: etherPortSymMonSFThresholdExceededAlarm (2440)	<ul style="list-style-type: none"> • 4.0 • 5.0 • 6.0 • 6.1 • 6.2
Description: The alarm is raised when an Ethernet port Symbol Monitor Failure alarm condition is detected (Signal Failure Threshold exceeded).		
Raising condition: ('Symbol Alarm Reason' EQUAL 'SF Threshold Exceeded')		
Clearing condition: ('Symbol Alarm Reason' NOT EQUAL 'SF Threshold Exceeded')		
Remedial action: Symbol monitor signal failure alarm could be cleared by changing/disabling the associated threshold/multiplier values or by taking the port out of service (eg. shutdown, card/mda reset, physical link loss).		

Table 15-147 PowerSupplyFailure

Alarm	Attributes	Applicable major releases
Name: PowerSupplyFailure (633) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.PowerSupplyTray	Severity: critical Implicitly cleared: true Default probable cause: powerSupplyFailure (117)	<ul style="list-style-type: none"> • 4.0 • 5.0 • 6.0 • 6.1 • 6.2
Description: The alarm is raised when a power-supply tray reports a failure. When the alarm is raised during device discovery, a power-supply tray may be out of service. When the alarm is raised while the device is in the managed state, a power-supply tray may be out of service or the AC power shelf has a fault condition. The alarm clears when the status changes to OK.		
Raising condition: (('Power Supply 1 Status' EQUAL 'Not Equipped') OR ('Power Supply 1 Status' EQUAL 'Failed'))		
Clearing condition: (('Power Supply 1 Status' EQUAL 'OK'))		
Remedial action: Ensure that the NE is properly connected to power. If the problem persists please contact Alcatel-Lucent support for assistance.		

Table 15-148 PowerSupplyInputFeedDown

Alarm	Attributes	Applicable major releases
Name: PowerSupplyInputFeedDown (5422) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.PowerSupplyTray	Severity: minor Implicitly cleared: true Default probable cause: powerSupplyInputFeedDown (2073)	<ul style="list-style-type: none"> • 4.0 • 5.0 • 6.0 • 6.1 • 6.2
Description: This alarm is generated if any one of the input feeds for a given power supply is not supplying power.		

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Alarm	Attributes	Applicable major releases
Raising condition: (('inputFeedStatus' EQUAL 'Input A Down') OR ('inputFeedStatus' EQUAL 'Input B Down') OR (('inputFeedStatus'allBits'Input A Down') AND ('inputFeedStatus'allBits'Input B Down'))		
Clearing condition: ('inputFeedStatus' EQUAL 'None')		
Remedial action: Restore all of the input feeds that are not supplying power.		

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Table 15-149 PowerSupplyRemoved

Alarm	Attributes	Applicable major releases
Name: PowerSupplyRemoved (542) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.PowerSupplyTray	Severity: major Implicitly cleared: true Default probable cause: PowerSupplyRemoved (415)	<ul style="list-style-type: none"> • 4.0 • 5.0 • 6.0 • 6.1 • 6.2
Description: The alarm is raised when a chassis power supply is removed.		
Raising condition: ('Power Supply 1 Status' EQUAL 'Not Equipped')		
Clearing condition: ('Power Supply 1 Status' NOT EQUAL 'Not Equipped')		
Remedial action: To recover from this event, the customer is requested to add a new power supply to the system, or change a faulty power supply with a working one.		

Table 15-150 PppLoopbackDetected

Alarm	Attributes	Applicable major releases
Name: PppLoopbackDetected (362) Type: configurationAlarm (11) Package: ppp Raised on class: ppp.Interface	Severity: major Implicitly cleared: true Default probable cause: PppLoopbackDetected (259)	<ul style="list-style-type: none"> • 4.0 • 5.0 • 6.0 • 6.1 • 6.2
Description: The alarm is raised when the value of tmnxPppLocalMagicNumber is the same as the value of tmnxPppRemoteMagicNumber, which indicates that the link may be looped back.		
Raising condition: (('Local Magic Number' EQUAL 'Remote Magic Number') AND ('Local Magic Number' NOT EQUAL '0L'))		
Clearing condition: (('Local Magic Number' NOT EQUAL 'Remote Magic Number') OR ('Local Magic Number' EQUAL '0L'))		
Remedial action: Informational.		

Table 15-151 PrimaryImageBootFailure

Alarm	Attributes	Applicable major releases
Name: PrimaryImageBootFailure (191) Type: configurationAlarm (11) Package: sw Raised on class: sw.CardSoftware	Severity: warning Implicitly cleared: true Default probable cause: bootOptionFileMisconfigured (150)	<ul style="list-style-type: none"> • 4.0 • 5.0 • 6.0 • 6.1 • 6.2
Description: The alarm is raised when the primary software image specified in an NE BOF is unusable.		
Raising condition: (('imageSource' NOT EQUAL 'Primary') AND ('imageSource' NOT EQUAL 'Unknown'))		
Clearing condition: (('imageSource' EQUAL 'Primary') OR ('imageSource' EQUAL 'Unknown'))		
Remedial action: The SW image on the NE may have been inadvertently corrupted. Download a new copy of the SW image to the NE. If the problem persists contact Alcatel-Lucent support for assistance.		

Table 15-152 PrimaryPathLimitReached

Alarm	Attributes	Applicable major releases
Name: PrimaryPathLimitReached (457) Type: resourceAlarm (28) Package: equipment Raised on class: equipment.DaughterCard	Severity: warning Implicitly cleared: true Default probable cause: resourceLimitReached (131)	<ul style="list-style-type: none"> • 4.0 • 5.0 • 6.0 • 6.1 • 6.2
Description: The alarm is raised when the Ingress Multicast Path Management primary path bandwidth limit is reached.		
Raising condition: (('Primary Path Limit Override' > '0') AND ('Primary Path In use' >= (1000 * 'Primary Path Limit Override'))"		
Clearing condition: (('Primary Path Limit Override' > '0') AND ('Primary Path In use' < (1000 * 'Primary Path Limit Override'))"		
Remedial action: Informational - The alarm is raised when the Ingress Multicast Path Management primary path bandwidth limit is reached. This can be remedied by modifying the primary path limit located at T1 Paths tab of the multicast bandwidth policy which assigned to the card, or increase the primary path limit override located at the Daughter Card tab under Daughter Card Slot form.		

Table 15-153 PTPNotQualified

Alarm	Attributes	Applicable major releases
Name: PTPNotQualified (3611) Type: communicationsAlarm (4) Package: sonet Raised on class: sonet.SiteSync	Severity: minor Implicitly cleared: true Default probable cause: PTPNotQualified (1400)	<ul style="list-style-type: none"> • 4.0 • 5.0 • 6.0 • 6.1 • 6.2
Description: The alarm is raised when PTP on an NE is not in the Qualified state.		
Raising condition: (('Qualified For Use' EQUAL 'Not Qualified'))		
Clearing condition: (('Qualified For Use' NOT EQUAL 'Not Qualified'))		

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Alarm	Attributes	Applicable major releases
Remedial action: Check the communication path is up between the local PTP slave clock and its selected master		

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Table 15-154 PTPPeerLossOfAnnounce

Alarm	Attributes	Applicable major releases
Name: PTPPeerLossOfAnnounce (3608) Type: communicationsAlarm (4) Package: ptp Raised on class: ptp.IEEEPTPPeer	Severity: minor Implicitly cleared: true Default probable cause: PTPPeerLossOfAnnounce (1397)	<ul style="list-style-type: none"> • 4.0 • 5.0 • 6.0 • 6.1 • 6.2
Description: The alarm is raised when the PTP peer is in the 'Packet Timing Signal Fail (Loss Announce)' state. This indicates that the PTP announce messages are not received from the remote master.		
Raising condition: (('Master GM Alarms'anyBit'Loss of Announce'))		
Clearing condition: NOT (('Master GM Alarms'anyBit'Loss of Announce'))		
Remedial action: Please check if Configured Peer IP address is reachable (ping <Peer Ip>) from the this SR node and PTP configuration is proper.		

Table 15-155 PTPPeerLossOfSync

Alarm	Attributes	Applicable major releases
Name: PTPPeerLossOfSync (3609) Type: communicationsAlarm (4) Package: ptp Raised on class: ptp.IEEEPTPPeer	Severity: minor Implicitly cleared: true Default probable cause: PTPPeerLossOfSync (1398)	<ul style="list-style-type: none"> • 4.0 • 5.0 • 6.0 • 6.1 • 6.2
Description: The alarm is raised when the PTP peer is in the 'Packet Timing Signal Fail (Loss Sync)' state. This indicates that the PTP timing messages are not received from the remote master.		
Raising condition: (('Master GM Alarms'anyBit'Loss of Sync'))		
Clearing condition: NOT (('Master GM Alarms'anyBit'Loss of Sync'))		
Remedial action: Please check if Configured Peer IP address is reachable (ping <Peer Ip>) from the this SR node and PTP configuration is proper.		

Table 15-156 PTPReferenceLossOfSignal

Alarm	Attributes	Applicable major releases
Name: PTPReferenceLossOfSignal (3613) Type: communicationsAlarm (4) Package: sonet Raised on class: sonet.SiteSync	Severity: minor Implicitly cleared: true Default probable cause: PTPReferenceLossOfSignal (1402)	<ul style="list-style-type: none"> • 4.0 • 5.0 • 6.0 • 6.1 • 6.2
Description: The alarm is raised when the PTP reference on an NE is not qualified due to Loss of Signal.		
Raising condition: (('Not Qualified Due To'anyBit'LOS'))		
Clearing condition: NOT (('Not Qualified Due To'anyBit'LOS'))		
Remedial action: Check the communication path is up between the local PTP slave clock and its selected master		

Table 15-157 PTPReferenceOutOfFrequency

Alarm	Attributes	Applicable major releases
Name: PTPReferenceOutOfFrequency (3614) Type: communicationsAlarm (4) Package: sonet Raised on class: sonet.SiteSync	Severity: minor Implicitly cleared: true Default probable cause: PTPReferenceOutOfFrequency (1403)	<ul style="list-style-type: none"> • 4.0 • 5.0 • 6.0 • 6.1 • 6.2
Description: The alarm is raised when the PTP Reference on an NE is not qualified due to Out of frequency.		
Raising condition: (('Not Qualified Due To'anyBit'OOF'))		
Clearing condition: NOT (('Not Qualified Due To'anyBit'OOF'))		
Remedial action: Make sure that frequency configured for Reference One is correct.		

Table 15-158 PTPReferenceOutOfPollInRange

Alarm	Attributes	Applicable major releases
Name: PTPReferenceOutOfPollInRange (3615) Type: communicationsAlarm (4) Package: sonet Raised on class: sonet.SiteSync	Severity: minor Implicitly cleared: true Default probable cause: PTPReferenceOutOfPollInRange (1404)	<ul style="list-style-type: none"> • 4.0 • 5.0 • 6.0 • 6.1 • 6.2
Description: The alarm is raised when the PTP Reference on an NE is not qualified state due to Out of poll in range.		
Raising condition: (('Not Qualified Due To'anyBit'OOPIR'))		
Clearing condition: NOT (('Not Qualified Due To'anyBit'OOPIR'))		
Remedial action: If there is packet flow, the PTP slave clock is in it's initial acquiring states where the sync-if-timing reference does not qualify just wait.		

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Table 15-159 RadioNoDbFile

Alarm	Attributes	Applicable major releases
Name: RadioNoDbFile (4905) Type: communicationsAlarm (4) Package: mwa Raised on class: mwa.PortTermination	Severity: warning Implicitly cleared: true Default probable cause: NoDbFile (1961)	<ul style="list-style-type: none"> • 5.0 • 6.0 • 6.1 • 6.2
Description: The alarm is raised when SAR is not able detect the radio database file specified.		
Raising condition: ('Oper Flag'anyBit'No Database File')		
Clearing condition: NOT (('Oper Flag'anyBit'No Database File'))		
Remedial action: Please place a valid MPT radio database file in the SAR compact flash or do /admin save/ for the file to be created.		

Table 15-160 RadioNotPresent

Alarm	Attributes	Applicable major releases
Name: RadioNotPresent (4845) Type: equipmentAlarm (3) Package: mwa Raised on class: mwa.PortTermination	Severity: major Implicitly cleared: true Default probable cause: RadioNotDetected (1923)	<ul style="list-style-type: none"> • 5.0 • 6.0 • 6.1 • 6.2
Description: The alarm is raised when a microwave radio device is no longer detected.		
Raising condition: ('Oper Flag'anyBit'Radio Not Present')		
Clearing condition: NOT (('Oper Flag'anyBit'Radio Not Present'))		
Remedial action: This notifications reports the management session to the MPR-e has been lost and the MPR-e is no longer reachable. Likely the MPR-e is resetting or has not yet connected to 7705 after a 7705 system or MDA reset.		

Table 15-161 RadioSoftwareDownloadFailed

Alarm	Attributes	Applicable major releases
Name: RadioSoftwareDownloadFailed (4847) Type: communicationsAlarm (4) Package: mwa Raised on class: mwa.RadioPortSpecifics	Severity: major Implicitly cleared: true Default probable cause: SoftwareDownloadFailure (1924)	<ul style="list-style-type: none"> • 6.0 • 6.1 • 6.2
Description: The alarm is raised when software download fails		
Raising condition: ('Software State'anyBit'Download Failed')		
Clearing condition: NOT (('Software State'anyBit'Download Failed'))		
Remedial action: Please refer to either 9500 or 7705 Node Maintenance manual for remedial action information.		

Table 15-162 RadioSoftwarePackageMissing

Alarm	Attributes	Applicable major releases
Name: RadioSoftwarePackageMissing (4870) Type: NoValidRadioSoftwareFound (131) Package: netw Raised on class: netw.NetworkElement	Severity: warning Implicitly cleared: false Default probable cause: NoValidRadioSoftwareFound (1937)	<ul style="list-style-type: none"> 6.0
Description: This alarm is raised when SAR is missing a valid MPR-e SW package in SAR compact flash.		
Remedial action: This is raised when SAR is missing the MPR-e SW package in SAR compact Flash; remedial action is to download the SAR SW bundle including MPR-e package; likely someone removed explicitly MPR-e SW package folder or downloaded the wrong SAR SW bundle to the node		

Table 15-163 RadioTxMuted

Alarm	Attributes	Applicable major releases
Name: RadioTxMuted (4849) Type: communicationsAlarm (4) Package: mwa Raised on class: mwa.PortTermination	Severity: major Implicitly cleared: true Default probable cause: RadioTransmitterMuted (1926)	<ul style="list-style-type: none"> 5.0 6.0 6.1 6.2
Description: The alarm is raised when microwave radio transmitter changes state.		
Raising condition: ('Oper Flag'anyBit'Tx Muted')		
Clearing condition: NOT (('Oper Flag'anyBit'Tx Muted'))		
Remedial action: Please refer to either 9500 or 7705 Node Maintenance manual for remedial action information.		

Table 15-164 RadiusOperStatusDown

Alarm	Attributes	Applicable major releases
Name: RadiusOperStatusDown (3692) Type: radiusOperStatusDownAlarm (105) Package: netw Raised on class: netw.NetworkElement	Severity: critical Implicitly cleared: true Default probable cause: radiusOperationStatusDown (1431)	<ul style="list-style-type: none"> 4.0 5.0 6.0 6.1 6.2
Description: The alarm is raised when all RADIUS servers have gone down.		
Raising condition: ('Global RADIUS Operational State' EQUAL 'Down')		
Clearing condition: ('Global RADIUS Operational State' EQUAL 'Up')		
Remedial action: Verify the RADIUS server is properly configured and radius server state is up. Check the connectivity between SAM server and radius server configured on the Network element.		

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Table 15-165 ReachabilityProblem

Alarm	Attributes	Applicable major releases
Name: ReachabilityProblem (243) Type: communicationsAlarm (4) Package: netw Raised on class: netw.NetworkElement	Severity: major Implicitly cleared: true Default probable cause: ReachabilityTestFailed (176)	<ul style="list-style-type: none"> • 4.0 • 5.0 • 6.0 • 6.1 • 6.2
Description: The alarm is raised when a mediation poll of the SysUpTimeAlarm object on an NE fails, for example, because of network congestion or because the NE is too busy to respond. The probable cause is an unreachable NE Mediation agent on the NE. The polling interval depends on the NE type and is configurable in nms-server.xml. By default, the 5620 SAM polls a managed NE every four minutes. If a poll fails, the alarm is raised. The alarm clears when the 5620 SAM receives a response from the NE, and the 5620 SAM GUI icon that represents the NE turns from red to green.		
Raising condition: ('SNMP Reachability' EQUAL 'Down')		
Remedial action: Informational - if the alarm persists or is occurring frequently then investigation is required to understand a) why the underlying transport network is unreliable or b) why the NE is too busy to respond to 5620 SAM or c) has SNMP been disabled on the NE. Once the issue has been resolved SAM will automatically re-attempt.		

Table 15-166 ReconfigFailure

Alarm	Attributes	Applicable major releases
Name: ReconfigFailure (1949) Type: communicationsAlarm (4) Package: netw Raised on class: netw.NetworkElement	Severity: critical Implicitly cleared: true Default probable cause: failedReconfig (937)	<ul style="list-style-type: none"> • 4.0 • 5.0 • 6.0 • 6.1 • 6.2
Description: This alarm is raised when the reconfig action failed.		
Raising condition: ('State' EQUAL 'Failed')		
Clearing condition: ('State' NOT EQUAL 'Failed')		
Remedial action: Verify that the object is configured as expected.		

Table 15-167 RedundantMepMisconfiguration

Alarm	Attributes	Applicable major releases
Name: RedundantMepMisconfiguration (3631) Type: oamAlarm (18) Package: ethernetoam Raised on class: ethernetoam.Mep	Severity: minor Implicitly cleared: true Default probable cause: misconfiguredRedundantMep (1416)	<ul style="list-style-type: none"> • 4.0 • 5.0 • 6.0 • 6.1 • 6.2
Description: The alarm is raised when an Active and Redundant MEP do not have the same ID, Operational MAC Address or Sub Group configured.		
Raising condition: ('validRedundantMepConfig' EQUAL 'false')		

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Alarm	Attributes	Applicable major releases
Clearing condition: ('validRedundantMepConfig' EQUAL 'true')		
Remedial action: MC-LAG redundant MEP configuration (MEP ID or Mac Address) for Active & Standby Interfaces do not match, this could cause issues with CFM or CCM tests if Active interface changes. Delete and Re-create Standby MEP to match Active.		

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Table 15-168 RedundantMepMissing

Alarm	Attributes	Applicable major releases
Name: RedundantMepMissing (3632) Type: oamAlarm (18) Package: ethernetToam Raised on class: ethernetToam.Mep	Severity: minor Implicitly cleared: true Default probable cause: missingRedundantMep (1417)	<ul style="list-style-type: none"> • 4.0 • 5.0 • 6.0 • 6.1 • 6.2
Description: The alarm is raised when a MEP misses a redundant counterpart on LAG or SAP.		
Raising condition: (('MC-LAG Inactive' NOT EQUAL 'Not Applicable') AND ('Redundant MEP' EQUAL '\'))		
Clearing condition: (('MC-LAG Inactive' EQUAL 'Not Applicable') OR (('MC-LAG Inactive' NOT EQUAL 'Not Applicable') AND ('Redundant MEP' NOT EQUAL '\')))		
Remedial action: MC-LAG redundant MEP is missing Active & Standby Interfaces, this will cause issues with CFM or CCM tests if Active interface changes. Create missing Active/Standby MEP to match existing.		

Table 15-169 RemoteMepCCMAlarm

Alarm	Attributes	Applicable major releases
Name: RemoteMepCCMAlarm (502) Type: oamAlarm (18) Package: ethernetToam Raised on class: ethernetToam.Mep	Severity: major Implicitly cleared: true Default probable cause: missingRemoteMep (388)	<ul style="list-style-type: none"> • 4.0 • 5.0 • 6.0 • 6.1 • 6.2
Description: The alarm is raised when a MEP loses connectivity with one or more remote MEPs. The Remote MEP DB State tab on a MEP lists the missing remote MEPs.		
Raising condition: ('High-Priority Defect' NOT EQUAL '0')		
Clearing condition: ('High-Priority Defect' EQUAL '0')		
Remedial action: MEP has lost communication with Remote MEP defined in Maintenance Association (MEG) Remote MEP list, Either Remote MEP list is incorrect or diagnose connection fault and resolve.		

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Table 15-170 RipDown

Alarm	Attributes	Applicable major releases
Name: RipDown (72) Type: ProtocolAlarm (1) Package: rip Raised on class: rip.Site	Severity: critical Implicitly cleared: true Default probable cause: protocolDown (1)	<ul style="list-style-type: none"> • 6.0 • 6.1 • 6.2
Description: The alarm is raised when a RIP site has an Operational State other than Up, and the Administrative State is Up.		
Raising condition: (('Administrative State' EQUAL 'Up') AND ('Operational State' NOT EQUAL 'Up'))		
Clearing condition: (('Operational State' EQUAL 'Up') OR ('Administrative State' NOT EQUAL 'Up'))		
Remedial action: The RIP Site is down while it is administratively up. Please check the node e.g, IOM is not shutdown or installed.		

Table 15-171 RouteDistinguisherNotConfigured

Alarm	Attributes	Applicable major releases
Name: RouteDistinguisherNotConfigured (142) Type: configurationAlarm (11) Package: I3fwd Raised on class: I3fwd.ServiceSite	Severity: major Implicitly cleared: true Default probable cause: routeDistinguisherNotConfigured (113)	<ul style="list-style-type: none"> • 4.0 • 5.0 • 6.0 • 6.1 • 6.2
Description: The alarm is raised when no RD is configured for an L3 service site.		
Raising condition: ('routeDistinguisher' EQUAL "\00 00 00 00 00 00 00 00")		
Clearing condition: ('routeDistinguisher' NOT EQUAL "\00 00 00 00 00 00 00 00")		
Remedial action: A configuration error has occurred which must be corrected. The RD must be configured on the L3 Service Site in question.		

Table 15-172 RsvpDown

Alarm	Attributes	Applicable major releases
Name: RsvpDown (74) Type: ProtocolAlarm (1) Package: rsvp Raised on class: rsvp.Site	Severity: critical Implicitly cleared: true Default probable cause: protocolDown (1)	<ul style="list-style-type: none"> • 4.0 • 5.0 • 6.0 • 6.1 • 6.2
Description: The alarm is raised when an RSVP site has an Operational State other than Up, and the Administrative State is Up.		
Raising condition: (('Administrative State' EQUAL 'Up') AND ('Operational State' NOT EQUAL 'Up'))		
Clearing condition: (('Operational State' EQUAL 'Up') OR ('Administrative State' NOT EQUAL 'Up'))		
Remedial action: The RSVP Site is down while it is administratively up. Please check MPLS is enabled and administratively up.		

Table 15-173 RxSectionSynchronizationError

Alarm	Attributes	Applicable major releases
Name: RxSectionSynchronizationError (93) Type: communicationsAlarm (4) Package: sonetequipment Raised on class: sonetequipment.SonetPortMonitorSpecifics	Severity: major Implicitly cleared: true Default probable cause: rxSectionSynchronizationError (79)	<ul style="list-style-type: none"> • 4.0 • 5.0 • 6.0 • 6.1 • 6.2
Description: The alarm is raised when a SONET port reports a section synchronization failure. A section synchronization failure occurs when the S1 byte is inconsistent for eight consecutive frames.		
Raising condition: (('Outstanding Alarms'anyBit'RX Section Synchronization Error') AND ('Report Alarms'anyBit'RX Section Synchronization Error'))		
Clearing condition: NOT (('Outstanding Alarms'anyBit'RX Section Synchronization Error') AND ('Report Alarms'anyBit'RX Section Synchronization Error'))		
Remedial action: Check the link status between SONET Port and the source.		

Table 15-174 SaveConfigFailed

Alarm	Attributes	Applicable major releases
Name: SaveConfigFailed (105) Type: configurationAlarm (11) Package: sw Raised on class: sw.BackupRestoreManager	Severity: major Implicitly cleared: true Default probable cause: fileAccessError (90)	<ul style="list-style-type: none"> • 4.0 • 5.0 • 6.0 • 6.1 • 6.2
Description: The alarm is raised when the admin save command on an NE fails.		
Raising condition: ('Config Save State' EQUAL 'Failure')		
Clearing condition: ('Config Save State' EQUAL 'Success')		
Remedial action: Attempt the admin save command a second time. If the problem persists please contact Alcatel-Lucent support for assistance.		

Table 15-175 ScheduledPollerProblem

Alarm	Attributes	Applicable major releases
Name: ScheduledPollerProblem (4386) Type: communicationsAlarm (4) Package: netw Raised on class: netw.NetworkElement	Severity: warning Implicitly cleared: true Default probable cause: scheduledResyncFailed (1569)	<ul style="list-style-type: none"> • 4.0 • 5.0 • 6.0 • 6.1 • 6.2
Description: The alarm is raised when the 5620 SAM is unable to poll a network object, for example, because of intermittent or no IP connectivity to an NE, incorrect SNMP security parameters, or disabled SNMP on the NE.		
Raising condition: ('Scheduled Resync Status' EQUAL 'Scheduled Resync Failed')		

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Alarm	Attributes	Applicable major releases
Clearing condition: ('Scheduled Resync Status' EQUAL 'Scheduled Resync Done')		
Remedial action: Informational - if the alarm persists or is occurring frequently then investigation is required to understand a) why the underlying transport network is unreliable or b) why the NE is too busy to respond to 5620 SAM or c) has SNMP been disabled on the NE. Once the issue has been resolved SAM will automatically re-attempt.		

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Table 15-176 SdpBindingDown

Alarm	Attributes	Applicable major releases
Name: SdpBindingDown (221) Type: SdpBindingAlarm (30) Package: svt Raised on class: svt.SdpBinding	Severity: critical Implicitly cleared: true Default probable cause: SdpBindingNotReady (166)	<ul style="list-style-type: none"> • 4.0 • 5.0 • 6.0 • 6.1 • 6.2
Description: The alarm is raised when an SDP binding has an Operational State other than Up.		
Raising condition: (('Operational State' NOT EQUAL 'Up') AND ('State Cause' NOT EQUAL 'Standby For BGP Multi-Homing'))		
Clearing condition: (('Operational State' EQUAL 'Up') OR ('State Cause' EQUAL 'Standby For BGP Multi-Homing'))		
Remedial action: To resolve this alarm check the SDP binding to determine if a configuration mismatch exists. If configuration is determined to be correct then the associated network interface may be down. Further investigation is required to determine why the underlying network interface is down.		

Table 15-177 SdpBindingTunnelDown

Alarm	Attributes	Applicable major releases
Name: SdpBindingTunnelDown (222) Type: CircuitAlarm (17) Package: svt Raised on class: svt.SdpBinding	Severity: critical Implicitly cleared: true Default probable cause: SdpTunnelNotReady (167)	<ul style="list-style-type: none"> • 4.0 • 5.0 • 6.0 • 6.1 • 6.2
Description: The alarm is raised when an SDP binding tunnel has an Operational State other than Up.		
Raising condition: (('Operational State' EQUAL 'Tunnel Not Ready') OR ('Operational State' EQUAL 'Tunnel Down'))		
Clearing condition: (('Operational State' NOT EQUAL 'Tunnel Not Ready') AND ('Operational State' NOT EQUAL 'Tunnel Down'))		
Remedial action: To resolve this alarm check the endpoints of the SDP binding to determine if a configuration mismatch exists. If configuration matches then the underlying network resource between the endpoints of the SDP may be down. Further investigation is required to determine why the underlying transport network is down.		

Table 15-178 SdpEgressIfsNetDomainInConsistent

Alarm	Attributes	Applicable major releases
Name: SdpEgressIfsNetDomainInConsistent (3616) Type: resourceAlarm (28) Package: svt Raised on class: svt.Tunnel	Severity: warning Implicitly cleared: true Default probable cause: sdpEgressIfsNetDomainInConsistent (1405)	<ul style="list-style-type: none"> • 4.0 • 5.0 • 6.0 • 6.1 • 6.2
Description: The alarm is raised when the SDP egress interface's consistency state changes to inconsistent.		
Raising condition: ('Egress Interfaces Consistency State' EQUAL '3')		
Clearing condition: ('Egress Interfaces Consistency State' EQUAL '2')		
Remedial action: To resolve this alarm check egress interfaces of the SDP configuration. If configuration is determined to be correct check underlying physical transport. Further investigation is required.		

Table 15-179 SecondaryPathLimitReached

Alarm	Attributes	Applicable major releases
Name: SecondaryPathLimitReached (458) Type: resourceAlarm (28) Package: equipment Raised on class: equipment.DaughterCard	Severity: warning Implicitly cleared: true Default probable cause: resourceLimitReached (131)	<ul style="list-style-type: none"> • 4.0 • 5.0 • 6.0 • 6.1 • 6.2
Description: The alarm is raised when the Ingress Multicast Path Management secondary path bandwidth limit is reached.		
Raising condition: (('Secondary Path Limit Override' > '0') AND ('Secondary Path In use' >= (1000 * 'Secondary Path Limit Override'))"		
Clearing condition: (('Secondary Path Limit Override' > '0') AND ('Secondary Path In use' < (1000 * 'Secondary Path Limit Override'))"		
Remedial action: Informational - The alarm is raised when the Ingress Multicast Path Management secondary path bandwidth limit is reached. This can be remedied by modifying the secondary path limit located at T1 Paths tab of the multicast bandwidth policy which assigned to the card, or increase the secondary path limit override located at the Daughter Card tab under Daughter Card Slot form.		

Table 15-180 SectionB1Error

Alarm	Attributes	Applicable major releases
Name: SectionB1Error (87) Type: communicationsAlarm (4) Package: sonetequipment Raised on class: sonetequipment.SonetPortMonitorSpecifics	Severity: major Implicitly cleared: true Default probable cause: sectionB1Error (73)	<ul style="list-style-type: none"> • 4.0 • 5.0 • 6.0 • 6.1 • 6.2
Description: The alarm is raised when a SONET port reports a section error condition that a remote NE raises because of b1 errors received from the local NE. The alarm corresponds to the Irei alarm on an NE.		
Raising condition: (('Outstanding Alarms'anyBit'Section B1 Error') AND ('Report Alarms'anyBit'Section B1 Error'))		

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Alarm	Attributes	Applicable major releases
Clearing condition: NOT (('Outstanding Alarms'anyBit'Section B1 Error') AND ('Report Alarms'anyBit'Section B1 Error'))		
Remedial action: Check the SONET port is configured correctly and that the physical layer cabling is operating correctly. Call customer support if necessary.		

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Table 15-181 SectionLossOfFrame

Alarm	Attributes	Applicable major releases
Name: SectionLossOfFrame (90) Type: communicationsAlarm (4) Package: sonetequipment Raised on class: sonetequipment.SonetPortMonitorSpecifics	Severity: major Implicitly cleared: true Default probable cause: sectionLossOfFrame (76)	<ul style="list-style-type: none"> • 4.0 • 5.0 • 6.0 • 6.1 • 6.2
Description: The alarm is raised when a SONET port reports a SLOF error. The alarm corresponds to the slof alarm on an NE.		
Raising condition: (('Outstanding Alarms'anyBit'Section Loss of Frame') AND ('Report Alarms'anyBit'Section Loss of Frame'))		
Clearing condition: NOT (('Outstanding Alarms'anyBit'Section Loss of Frame') AND ('Report Alarms'anyBit'Section Loss of Frame'))		
Remedial action: One of the following conditions exists on the referenced physical interface which must be corrected. A cable/fiber fault exists which must be corrected - check to ensure that the cable is not faulty and is properly connected.		

Table 15-182 SectionLossOfSignal

Alarm	Attributes	Applicable major releases
Name: SectionLossOfSignal (91) Type: communicationsAlarm (4) Package: sonetequipment Raised on class: sonetequipment.SonetPortMonitorSpecifics	Severity: major Implicitly cleared: true Default probable cause: sectionLossOfSignal (77)	<ul style="list-style-type: none"> • 4.0 • 5.0 • 6.0 • 6.1 • 6.2
Description: The alarm is raised when a SONET port reports a SLOS error. The alarm corresponds to the slos alarm on an NE.		
Raising condition: (('Outstanding Alarms'anyBit'Section Loss of Signal') AND ('Report Alarms'anyBit'Section Loss of Signal'))		
Clearing condition: NOT (('Outstanding Alarms'anyBit'Section Loss of Signal') AND ('Report Alarms'anyBit'Section Loss of Signal'))		
Remedial action: One of the following conditions exists on the referenced physical interface which must be corrected. A cable/fiber fault exists which must be corrected - check to ensure that the cable is not faulty and is properly connected.		

Table 15-183 SectionS1Failure

Alarm	Attributes	Applicable major releases
Name: SectionS1Failure (86) Type: communicationsAlarm (4) Package: sonetequipment Raised on class: sonetequipment.SonetPortMonitorSpecifics	Severity: major Implicitly cleared: true Default probable cause: sectionS1Failure (72)	<ul style="list-style-type: none"> • 4.0 • 5.0 • 6.0 • 6.1 • 6.2
Description: The alarm is raised when a SONET port reports a section synchronization failure. A section synchronization failure occurs when the S1 byte is inconsistent for eight consecutive frames.		
Raising condition: (('Outstanding Alarms'anyBit'Section S1 Failure') AND ('Report Alarms'anyBit'Section S1 Failure'))		
Clearing condition: NOT (('Outstanding Alarms'anyBit'Section S1 Failure') AND ('Report Alarms'anyBit'Section S1 Failure'))		
Remedial action: Check the SONET port is configured correctly and that the physical layer cabling is operating correctly. Call customer support if necessary.		

Table 15-184 SerialChannelOutOfFrame

Alarm	Attributes	Applicable major releases
Name: SerialChannelOutOfFrame (808) Type: communicationsAlarm (4) Package: tdmequipment Raised on class: tdmequipment.SerialChannelSpecifics	Severity: major Implicitly cleared: true Default probable cause: outOfFrame (100)	<ul style="list-style-type: none"> • 4.0 • 5.0 • 6.0 • 6.1 • 6.2
Description: The alarm is raised when an NE reports that a serial channel has an OOF alarm condition.		
Raising condition: (('Outstanding Alarms'anyBit'HCM Out Of Frame') AND ('Report Alarms'anyBit'HCM Out Of Frame'))		
Clearing condition: NOT (('Outstanding Alarms'anyBit'HCM Out Of Frame') AND ('Report Alarms'anyBit'HCM Out Of Frame'))		
Remedial action: The Cpipe Service running on this RS232 serial card need fixing. Make the Cpipe error free.		

Table 15-185 SerialChannelRemoteAlarmIndication

Alarm	Attributes	Applicable major releases
Name: SerialChannelRemoteAlarmIndication (809) Type: communicationsAlarm (4) Package: tdmequipment Raised on class: tdmequipment.SerialChannelSpecifics	Severity: major Implicitly cleared: true Default probable cause: remoteAlarmIndication (574)	<ul style="list-style-type: none"> • 4.0 • 5.0 • 6.0 • 6.1 • 6.2
Description: The alarm is raised when an NE reports that a serial channel has an RAI condition.		
Raising condition: (('Outstanding Alarms'anyBit'HCM Remote Alarm Indication') AND ('Report Alarms'anyBit'HCM Remote Alarm Indication'))		

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Alarm	Attributes	Applicable major releases
Clearing condition: NOT (('Outstanding Alarms'anyBit'HCM Remote Alarm Indication') AND ('Report Alarms'anyBit'HCM Remote Alarm Indication'))		
Remedial action: The Cpipe Service running on this RS232 serial card need fixing. Make the Cpipe error free.		

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Table 15-186 ServiceSiteDown

Alarm	Attributes	Applicable major releases
Name: ServiceSiteDown (97) Type: serviceAlarm (16) Package: service Raised on class: service.Site	Severity: critical Implicitly cleared: true Default probable cause: siteDown (83)	<ul style="list-style-type: none"> • 4.0 • 5.0 • 6.0 • 6.1 • 6.2
Description: The alarm is raised when all SAPs on a site are operationally down, or when the service tunnels for the site are operationally down.		
Raising condition: (('Operational State' NOT EQUAL 'Up') AND ('State Cause' NOT EQUAL 'All Spoke SDP Bindings are Standby'))		
Clearing condition: (('Operational State' EQUAL 'Up') OR ('State Cause' EQUAL 'All Spoke SDP Bindings are Standby'))		
Remedial action: The network resources (i.e. physical ports for SAPs, or physical ports/LSP) associated with the service site should be examined to determine if/why they are operationally down. The underlying transport network supporting the site may also be unreliable.		

Table 15-187 SessionDown

Alarm	Attributes	Applicable major releases
Name: SessionDown (73) Type: ProtocolAlarm (1) Package: rsvp Raised on class: rsvp.Session	Severity: critical Implicitly cleared: true Default probable cause: interfaceDown (32)	<ul style="list-style-type: none"> • 4.0 • 5.0 • 6.0 • 6.1 • 6.2
Description: The alarm is raised when an RSVP session is operationally down.		
Raising condition: ('Operational State' EQUAL 'Down')		
Clearing condition: ('Operational State' EQUAL 'Up')		
Remedial action: Please check the RSVP session path to make sure all associated protocols/interfaces/connections are OK.		

Table 15-188 SingleSFMOverloadDetected

Alarm	Attributes	Applicable major releases
Name: SingleSFMOverloadDetected (843) Type: ProtocolAlarm (1) Package: I3fwd Raised on class: I3fwd.Site	Severity: major Implicitly cleared: true Default probable cause: singleSfmOverloadDetected (601)	<ul style="list-style-type: none"> • 6.0 • 6.1 • 6.2
Description: The alarm is raised when a device reports a single-SFM overload. The alarm clears when the VR exits the Overload state.		
Raising condition: ('Overload State' EQUAL 'Overload')		
Clearing condition: ('Overload State' EQUAL 'Normal')		
Remedial action: Information - if the the problem persists please contact Alcatel-Lucent support for assistance.		

Table 15-189 SoftwareDownloadInProgress

Alarm	Attributes	Applicable major releases
Name: SoftwareDownloadInProgress (4850) Type: communicationsAlarm (4) Package: mwa Raised on class: mwa.RadioPortSpecifics	Severity: info Implicitly cleared: true Default probable cause: RadioSoftwareDownloadInProgress (1927)	<ul style="list-style-type: none"> • 6.0 • 6.1 • 6.2
Description: The alarm is raised when radio software download is in progress - Software download is requested or a forced download is triggered.		
Raising condition: ('Software State'anyBit'In Progress')		
Clearing condition: NOT (('Software State'anyBit'In Progress'))		
Remedial action: This is alarm for information only. Informational - no corrective action required.		

Table 15-190 SonetPathAlarmIndicationSignal

Alarm	Attributes	Applicable major releases
Name: SonetPathAlarmIndicationSignal (129) Type: communicationsAlarm (4) Package: sonetequipment Raised on class: sonetequipment.SonetChannelMonitorSpecifics	Severity: major Implicitly cleared: true Default probable cause: pathAlarmIndicationSignal (63)	<ul style="list-style-type: none"> • 4.0 • 5.0 • 6.0 • 6.1 • 6.2
Description: The alarm is raised when a SONET port reports a PAIS error. The alarm corresponds to the pais alarm on an NE.		
Raising condition: (('Outstanding Alarms'anyBit'Path Alarm Indication Signal') AND ('Report Alarms'anyBit'Path Alarm Indication Signal'))		
Clearing condition: NOT (((('Outstanding Alarms'anyBit'Path Alarm Indication Signal') AND ('Report Alarms'anyBit'Path Alarm Indication Signal'))		

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Alarm	Attributes	Applicable major releases
Remedial action: Check the SONET port is configured correctly and that the physical layer cabling is operating correctly. Call customer support if necessary.		

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Table 15-191 SonetPathB3Error

Alarm	Attributes	Applicable major releases
Name: SonetPathB3Error (132) Type: communicationsAlarm (4) Package: sonetequipment Raised on class: sonetequipment.SonetChannelMonitorSpecifics	Severity: major Implicitly cleared: true Default probable cause: pathB3Error (66)	<ul style="list-style-type: none"> • 4.0 • 5.0 • 6.0 • 6.1 • 6.2
Description: The alarm is raised when a SONET port reports a path error condition because of b3 errors. The alarm corresponds to the prei alarm on an NE.		
Raising condition: (('Outstanding Alarms'anyBit'Path B3 error') AND ('Report Alarms'anyBit'Path B3 error'))		
Clearing condition: NOT (('Outstanding Alarms'anyBit'Path B3 error') AND ('Report Alarms'anyBit'Path B3 error'))		
Remedial action: Check the SONET port is configured correctly and that the physical layer cabling is operating correctly. Call customer support if necessary.		

Table 15-192 SonetPathLossOfCodegroupDelineationError

Alarm	Attributes	Applicable major releases
Name: SonetPathLossOfCodegroupDelineationError (248) Type: communicationsAlarm (4) Package: sonetequipment Raised on class: sonetequipment.SonetChannelMonitorSpecifics	Severity: major Implicitly cleared: true Default probable cause: pathLossOfCodegroupDelineationError (185)	<ul style="list-style-type: none"> • 4.0 • 5.0 • 6.0 • 6.1 • 6.2
Description: The alarm is raised when a SONET port reports a PLCD error. The alarm corresponds to the plcd alarm on an NE.		
Raising condition: (('Outstanding Alarms'anyBit'Path Loss of Codegroup Delineation Error') AND ('Report Alarms'anyBit'Path Loss of Codegroup Delineation Error'))		
Clearing condition: NOT (('Outstanding Alarms'anyBit'Path Loss of Codegroup Delineation Error') AND ('Report Alarms'anyBit'Path Loss of Codegroup Delineation Error'))		
Remedial action: Check the SONET port is configured correctly and that the physical layer cabling is operating correctly. Call customer support if necessary.		

Table 15-193 SonetPathLossOfPointer

Alarm	Attributes	Applicable major releases
Name: SonetPathLossOfPointer (130) Type: communicationsAlarm (4) Package: sonetequipment Raised on class: sonetequipment.SonetChannelMonitorSpecifics	Severity: major Implicitly cleared: true Default probable cause: pathLossOfPointer (64)	<ul style="list-style-type: none"> • 4.0 • 5.0 • 6.0 • 6.1 • 6.2
Description: The alarm is raised when a SONET port reports a PLOP error. The alarm corresponds to the plop alarm on an NE.		
Raising condition: (('Outstanding Alarms'anyBit'Path Loss of Pointer') AND ('Report Alarms'anyBit'Path Loss of Pointer'))		
Clearing condition: NOT (('Outstanding Alarms'anyBit'Path Loss of Pointer') AND ('Report Alarms'anyBit'Path Loss of Pointer'))		
Remedial action: Check the SONET port is configured correctly and that the physical layer cabling is operating correctly. Call customer support if necessary.		

Table 15-194 SonetPathPayloadMismatch

Alarm	Attributes	Applicable major releases
Name: SonetPathPayloadMismatch (133) Type: communicationsAlarm (4) Package: sonetequipment Raised on class: sonetequipment.SonetChannelMonitorSpecifics	Severity: major Implicitly cleared: true Default probable cause: pathPayloadMismatch (67)	<ul style="list-style-type: none"> • 4.0 • 5.0 • 6.0 • 6.1 • 6.2
Description: The alarm is raised when a SONET port reports a PPLM error on a channel, after which the channel is set operationally down. The alarm corresponds to the pplm alarm on an NE.		
Raising condition: (('Outstanding Alarms'anyBit'Path Payload Mismatch') AND ('Report Alarms'anyBit'Path Payload Mismatch'))		
Clearing condition: NOT (('Outstanding Alarms'anyBit'Path Payload Mismatch') AND ('Report Alarms'anyBit'Path Payload Mismatch'))		
Remedial action: Informational only.		

Table 15-195 SonetPathRemoteB3Error

Alarm	Attributes	Applicable major releases
Name: SonetPathRemoteB3Error (134) Type: communicationsAlarm (4) Package: sonetequipment Raised on class: sonetequipment.SonetChannelMonitorSpecifics	Severity: major Implicitly cleared: true Default probable cause: pathRemoteB3Error (68)	<ul style="list-style-type: none"> • 4.0 • 5.0 • 6.0 • 6.1 • 6.2
Description: The alarm is raised when a SONET port reports a path error condition that a remote NE raises because of b3 errors received from the local NE. The alarm corresponds to the prei alarm on an NE.		
Raising condition: (('Outstanding Alarms'anyBit'Path Remote B3 Error') AND ('Report Alarms'anyBit'Path Remote B3 Error'))		

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Alarm	Attributes	Applicable major releases
Clearing condition: NOT (((('Outstanding Alarms'anyBit'Path Remote B3 Error') AND ('Report Alarms'anyBit'Path Remote B3 Error'))		
Remedial action: Check the remote NE is configured correctly and its physical layer cabling is operating correctly.		

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Table 15-196 SonetPathRemoteDefectIndication

Alarm	Attributes	Applicable major releases
Name: SonetPathRemoteDefectIndication (131) Type: communicationsAlarm (4) Package: sonetequipment Raised on class: sonetequipment.SonetChannelMonitorSpecifics	Severity: major Implicitly cleared: true Default probable cause: pathRemoteDefectIndication (65)	<ul style="list-style-type: none"> • 4.0 • 5.0 • 6.0 • 6.1 • 6.2
Description: The alarm is raised when a SONET port reports a remote PAIS error. The alarm corresponds to the pais alarm on an NE.		
Raising condition: (('Outstanding Alarms'anyBit'Path Remote Defect Indication') AND ('Report Alarms'anyBit'Path Remote Defect Indication'))		
Clearing condition: NOT (((('Outstanding Alarms'anyBit'Path Remote Defect Indication') AND ('Report Alarms'anyBit'Path Remote Defect Indication'))		
Remedial action: Check the SONET port is configured correctly and that the physical layer cabling is operating correctly. Call customer support if necessary.		

Table 15-197 SonetPathUnequippedPathError

Alarm	Attributes	Applicable major releases
Name: SonetPathUnequippedPathError (143) Type: communicationsAlarm (4) Package: sonetequipment Raised on class: sonetequipment.SonetChannelMonitorSpecifics	Severity: major Implicitly cleared: true Default probable cause: pathUnequippedPathError (114)	<ul style="list-style-type: none"> • 4.0 • 5.0 • 6.0 • 6.1 • 6.2
Description: The alarm is raised when a SONET port reports a path unequipped error. The alarm corresponds to the Path Alarm Unequipped Path Error alarm on an NE.		
Raising condition: (('Outstanding Alarms'anyBit'Path Alarm Unequipped Path Error') AND ('Report Alarms'anyBit'Path Alarm Unequipped Path Error'))		
Clearing condition: NOT (((('Outstanding Alarms'anyBit'Path Alarm Unequipped Path Error') AND ('Report Alarms'anyBit'Path Alarm Unequipped Path Error'))		
Remedial action: Check the SONET port is configured correctly and that the physical layer cabling is operating correctly. Call customer support if necessary.		

Table 15-198 StatsRetrieveFailed

Alarm	Attributes	Applicable major releases
Name: StatsRetrieveFailed (244) Type: configurationAlarm (11) Package: sw Raised on class: sw.AccountingStatsRetrievalManager	Severity: major Implicitly cleared: false Default probable cause: fileTransferFailure (89)	<ul style="list-style-type: none"> • 4.0 • 5.0 • 6.0 • 6.1 • 6.2
Description: The alarm is raised when the 5620 SAM main or auxiliary server cannot transfer an accounting file from an NE.		
Raising condition: (('Stats Retrieval State' NOT EQUAL 'Success') AND ('Stats Retrieval State' NOT EQUAL 'Not Attempted'))		
Remedial action: Informational - if the alarm persists or is occurring frequently then investigation is required to understand a) why the underlying transport network is unreliable or b) why the NE is too busy or otherwise cannot respond to the 5620 SAM main or auxiliary server.		

Table 15-199 StpExceptionCondition

Alarm	Attributes	Applicable major releases
Name: StpExceptionCondition (297) Type: AccessInterfaceAlarm (32) Package: I2fwd Raised on class: I2fwd.AccessInterfaceStp	Severity: major Implicitly cleared: true Default probable cause: StpException (228)	<ul style="list-style-type: none"> • 4.0 • 5.0 • 6.0 • 6.1 • 6.2
Description: The alarm is raised when a SAP detects an STP exception condition, for example, one-way communication or a downstream loop. The alarm clears when the STP condition changes.		
Raising condition: (('STP Exception Condition' NOT EQUAL 'None') AND ('Administrative State' EQUAL 'Up'))		
Clearing condition: (('STP Exception Condition' EQUAL 'None') OR ('Administrative State' EQUAL 'Down'))		
Remedial action: Check 'STP Exception Condition' field for more details and fix the STP exception.		

Table 15-200 StpRootGuardViolation

Alarm	Attributes	Applicable major releases
Name: StpRootGuardViolation (503) Type: AccessInterfaceAlarm (32) Package: I2fwd Raised on class: I2fwd.AccessInterfaceStp	Severity: warning Implicitly cleared: true Default probable cause: spanningTreeTopologyChanged (331)	<ul style="list-style-type: none"> • 4.0 • 5.0 • 6.0 • 6.1 • 6.2
Description: The alarm is raised when a SAP detects an STP root guard violation.		
Raising condition: ('Root Guard Violation' EQUAL 'true')		
Clearing condition: ('Root Guard Violation' NOT EQUAL 'true')		
Remedial action: Set 'Root Guard' to false if not necessary.		

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Table 15-201 SubscriberSystemNextHopUsageHigh

Alarm	Attributes	Applicable major releases
Name: SubscriberSystemNextHopUsageHigh (5157) Type: thresholdCrossed (6) Package: netw Raised on class: netw.NetworkElement	Severity: minor Implicitly cleared: true Default probable cause: resourceFull (53)	<ul style="list-style-type: none"> • 4.0 • 5.0 • 6.0 • 6.1 • 6.2
Description: The alarm is raised when the IP next-hop usage by subscriber managed routes reaches its high watermark, cleared when it reaches its low watermark again; the watermarks are derived from the limit specified with the property subSysNextHopLimit.		
Raising condition: ('IP Next Hop Usage High' EQUAL 'true')		
Clearing condition: ('IP Next Hop Usage High' EQUAL 'false')		
Remedial action: The alarm is raised when the IP next-hop usage by subscriber managed routes reaches its high watermark, cleared when it reaches its low watermark again; the watermarks are derived from the limit specified with the property subSysNextHopLimit. There is no immediate effect, but when the usage actually hits the limit, new hosts will not get their managed routes.		

Table 15-202 SubSysChassMemoryUsageHi

Alarm	Attributes	Applicable major releases
Name: SubSysChassMemoryUsageHi (5656) Type: thresholdCrossed (6) Package: equipment Raised on class: equipment.Shelf	Severity: minor Implicitly cleared: true Default probable cause: resourceFull (53)	<ul style="list-style-type: none"> • 4.0 • 5.0 • 6.0 • 6.1 • 6.2
Description: This alarm is raised when the memory usage by subscriber management on this system or chassis reaches its high watermark ('true').		
Raising condition: ('Memory Usage High' EQUAL 'True')		
Clearing condition: (('Memory Usage High' EQUAL 'False') OR ('Memory Usage High' EQUAL 'unspecified'))		
Remedial action: The memory usage by subscriber management on this system has reached its high watermark. Please check your memory usage.		

Table 15-203 TemperatureThresholdCrossed

Alarm	Attributes	Applicable major releases
Name: TemperatureThresholdCrossed (7) Type: environmentalAlarm (2) Package: equipment Raised on class: equipment.Environment	Severity: major Implicitly cleared: true Default probable cause: equipmentOverheated (5)	<ul style="list-style-type: none"> • 4.0 • 5.0 • 6.0 • 6.1 • 6.2
Description: The alarm is raised when a temperature crosses a threshold.		

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Alarm	Attributes	Applicable major releases
Raising condition: ('temperatureThresholdCrossed' EQUAL 'true')		
Clearing condition: ('temperatureThresholdCrossed' EQUAL 'false')		
Remedial action: The NE has detected internal temperatures which are abnormally high. This could be caused by a failed fan unit or one or more dirty fan filters. Replacing the failed unit or filters should resolve the problem. Alternately the environment that the NE is operating in may not be within specifications found in the NE user guides.		

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Table 15-204 TmxEqPortEtherLoopDetected

Alarm	Attributes	Applicable major releases
Name: TmxEqPortEtherLoopDetected (461) Type: portEtherLoopDetected (48) Package: ethernetequipment Raised on class: ethernetequipment.EthernetPortSpecifics	Severity: major Implicitly cleared: true Default probable cause: HighBer (238)	<ul style="list-style-type: none"> • 4.0 • 5.0 • 6.0 • 6.1 • 6.2
Description: The alarm is raised when a device detects a physical loop on an Ethernet port.		
Raising condition: (('Down When Looped Status' EQUAL 'Loop Detected'))		
Clearing condition: (('Down When Looped Status' EQUAL 'No Loop Detected'))		
Remedial action: An Ethernet port has been mis-cabled - please remove the loopback cable on the port.		

Table 15-205 TrapDestinationMisconfigured

Alarm	Attributes	Applicable major releases
Name: TrapDestinationMisconfigured (33) Type: configurationAlarm (11) Package: netw Raised on class: netw.NetworkElement	Severity: major Implicitly cleared: true Default probable cause: trapDestinationMisconfigured (26) Applicable probable causes: <ul style="list-style-type: none"> • trapDestinationMisconfigured • duplicateTrapLogId 	<ul style="list-style-type: none"> • 4.0 • 5.0 • 6.0 • 6.1 • 6.2
Description: The alarm is raised when the 5620 SAM cannot be added to the NE's SNMP trap destinations.		
Raising condition: ('isTrapDestinationMisconfigured' EQUAL 'true')		
Clearing condition: ('isTrapDestinationMisconfigured' EQUAL 'false')		
Remedial action: A configuration error has been made which must be corrected. The SNMP trap destination on the NE must be configured to the IP address of the SAM server.		

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Table 15-206 TrapReceivingFailure

Alarm	Attributes	Applicable major releases
Name: TrapReceivingFailure (1083) Type: communications (87) Package: netw Raised on class: netw.NetworkElement	Severity: major Implicitly cleared: false Default probable cause: trapsWillNotBeSent (822)	<ul style="list-style-type: none"> • 4.0 • 5.0 • 6.0 • 6.1 • 6.2
Description: This user-defined alarm is raised when the NE is unable to send traps because the NE configuration is one of the following: - The Management IP Selection is set to Out Of Band Only, the Primary Route Preference is set to In Band, and the Secondary Route Preference is set to None. - The Management IP Selection is set to In Band Only, the Primary Route Preference is set to Out Of Band, and the Secondary Route Preference is set to None.		
Raising condition: (((('Active Management IP' EQUAL 'In Band') AND ('Management IP Selection' EQUAL 'In Band Only') AND ('Primary Route Preference' EQUAL 'Out Of Band') AND ('Secondary Route Preference' EQUAL 'None')) OR (('Active Management IP' EQUAL 'Out Of Band') AND ('Management IP Selection' EQUAL 'Out Of Band Only') AND ('Primary Route Preference' EQUAL 'In Band') AND ('Secondary Route Preference' EQUAL 'None')) OR (('Active Management IP' EQUAL 'Out Of Band') AND ('Management IP Selection' EQUAL 'In Band Preferred') AND ('Primary Route Preference' EQUAL 'In Band') AND ('Secondary Route Preference' EQUAL 'None')) OR (('Active Management IP' EQUAL 'In Band') AND ('Management IP Selection' EQUAL 'Out Of Band Preferred') AND ('Primary Route Preference' EQUAL 'Out Of Band') AND ('Secondary Route Preference' EQUAL 'None'))))		
Clearing condition: (((('Active Management IP' EQUAL 'In Band') AND ('Management IP Selection' EQUAL 'In Band Only') AND (('Primary Route Preference' EQUAL 'In Band') OR ('Secondary Route Preference' EQUAL 'In Band')) OR (('Active Management IP' EQUAL 'Out Of Band') AND ('Management IP Selection' EQUAL 'Out Of Band Only') AND (('Primary Route Preference' EQUAL 'Out Of Band') OR ('Secondary Route Preference' EQUAL 'Out Of Band')) OR (('Active Management IP' EQUAL 'Out Of Band') AND ('Management IP Selection' EQUAL 'In Band Preferred') AND (('Primary Route Preference' EQUAL 'Out Of Band') OR ('Secondary Route Preference' EQUAL 'Out Of Band')) OR (('Active Management IP' EQUAL 'In Band') AND ('Management IP Selection' EQUAL 'In Band Preferred') AND (('Primary Route Preference' EQUAL 'In Band') OR ('Secondary Route Preference' EQUAL 'In Band')) OR (('Active Management IP' EQUAL 'Out Of Band') AND ('Management IP Selection' EQUAL 'Out Of Band Preferred') AND (('Primary Route Preference' EQUAL 'In Band') OR ('Secondary Route Preference' EQUAL 'In Band')) OR (('Active Management IP' EQUAL 'Out Of Band') AND ('Management IP Selection' EQUAL 'Out Of Band Preferred') AND (('Primary Route Preference' EQUAL 'Out Of Band') OR ('Secondary Route Preference' EQUAL 'Out Of Band'))))		
Remedial action: A configuration error has been made which must be corrected. The configuration error must be corrected per the discussion in the description for this alarm.		

Table 15-207 TrapRoutePreferenceRedundancyMissing

Alarm	Attributes	Applicable major releases
Name: TrapRoutePreferenceRedundancyMissing (1084) Type: communications (87) Package: netw Raised on class: netw.NetworkElement	Severity: warning Implicitly cleared: true Default probable cause: trapsRedundancyMissing (823)	<ul style="list-style-type: none"> • 4.0 • 5.0 • 6.0 • 6.1 • 6.2
Description: The user-defined alarm is raised when NE management redundancy is configured without trap route preference redundancy.		
Raising condition: (((('Management IP Selection' EQUAL 'In Band Preferred') AND ('Active Management IP' EQUAL 'In Band') AND ('Primary Route Preference' EQUAL 'In Band') AND ('Secondary Route Preference' EQUAL 'None')) OR (('Management IP Selection' EQUAL 'Out Of Band Preferred') AND ('Active Management IP' EQUAL 'Out Of Band') AND ('Primary Route Preference' EQUAL 'Out Of Band') AND ('Secondary Route Preference' EQUAL 'None'))))		
Clearing condition: (((('Management IP Selection' EQUAL 'In Band Preferred') AND ('Active Management IP' EQUAL 'In Band') AND ('Secondary Route Preference' NOT EQUAL 'None')) OR (('Management IP Selection' EQUAL 'Out Of Band Preferred') AND ('Active Management IP' EQUAL 'Out Of Band') AND ('Secondary Route Preference' NOT EQUAL 'None'))))		

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Alarm	Attributes	Applicable major releases
Remedial action: A configuration error has been made which must be corrected. The IP address of the standby SAM server must be configured on the NE in question.		

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Table 15-208 TunnelAdministrativelyDown (mpls)

Alarm	Attributes	Applicable major releases
Name: TunnelAdministrativelyDown (523) Type: pathAlarm (12) Package: mpls Raised on class: mpls.Tunnel	Severity: minor Implicitly cleared: true Default probable cause: tunnelAdministrativelyDown (333)	<ul style="list-style-type: none"> • 4.0 • 5.0 • 6.0 • 6.1 • 6.2
Description: The alarm is raised when the 5620 SAM detects that an MPLS path is administratively down.		
Raising condition: ('Administrative' NOT EQUAL 'Up')		
Clearing condition: ('Administrative' EQUAL 'Up')		
Remedial action: Turn up the corresponding MPLS path.		

Table 15-209 TunnelAdministrativelyDown (svt)

Alarm	Attributes	Applicable major releases
Name: TunnelAdministrativelyDown (523) Type: pathAlarm (12) Package: svt Raised on class: svt.Tunnel	Severity: minor Implicitly cleared: true Default probable cause: tunnelAdministrativelyDown (333)	<ul style="list-style-type: none"> • 4.0 • 5.0 • 6.0 • 6.1 • 6.2
Description: The alarm is raised when the 5620 SAM detects that a service tunnel is administratively down.		
Raising condition: ('administrativeState' NOT EQUAL 'Up')		
Clearing condition: ('administrativeState' EQUAL 'Up')		
Remedial action: Informational - an operator has manually turned down a service tunnel.		

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Table 15-210 TunnelDown (mpls)

Alarm	Attributes	Applicable major releases
Name: TunnelDown (30) Type: pathAlarm (12) Package: mpls Raised on class: mpls.Tunnel	Severity: warning Implicitly cleared: true Default probable cause: tunnelDown (23)	<ul style="list-style-type: none"> • 4.0 • 5.0 • 6.0 • 6.1 • 6.2
Description: The alarm is raised when an MPLS path has an Operational State other than Up, and the Administrative State is Up.		
Raising condition: (('Administrative' EQUAL 'Up') AND ('Operational' NOT EQUAL 'Up'))		
Clearing condition: (('Operational' EQUAL 'Up') OR ('Administrative' NOT EQUAL 'Up'))		
Remedial action: Check the network resources along the path.		

Table 15-211 TunnelDown (svt)

Alarm	Attributes	Applicable major releases
Name: TunnelDown (30) Type: pathAlarm (12) Package: svt Raised on class: svt.AbstractTunnel	Severity: critical Implicitly cleared: true Default probable cause: tunnelDown (23)	<ul style="list-style-type: none"> • 4.0 • 5.0 • 6.0 • 6.1 • 6.2
Description: The alarm is raised when the 5620 SAM detects that a service tunnel is operationally down.		
Raising condition: (('Administrative' EQUAL 'Up') AND ('Operational' NOT EQUAL 'Up'))		
Clearing condition: (('Operational' EQUAL 'Up') OR ('Administrative' NOT EQUAL 'Up'))		
Remedial action: This alarm indicates that a problem has been made in the underlying transport network. If the alarm persists or re-occurs frequently then investigation of the underlying transport issues is warranted.		

Table 15-212 TwampRefInactivityTimeout

Alarm	Attributes	Applicable major releases
Name: TwampRefInactivityTimeout (4969) Type: communicationsAlarm (4) Package: sas Raised on class: sas.TwampSrv	Severity: major Implicitly cleared: true Default probable cause: TWAMPReflectorInactivityTimeout (2024)	<ul style="list-style-type: none"> • 4.0 • 5.0 • 6.0 • 6.1 • 6.2
Description: tmnxTwampSrvNotifClientAddrType, tmnxTwampSrvNotifClientAddr, aluTwampRefNotifLocalAddrType, aluTwampRefNotifLocalAddr, aluTwampRefNotifLocalPort, aluTwampRefNotifRemoteAddrType, aluTwampRefNotifRemoteAddr, aluTwampRefNotifRemotePort The alarm is raised when a TWAMP test session was disconnected by the TWAMP Reflector because the session was inactive for a period exceeding the reflector's inactivity timeout (Reflector Test Session Timeout). The TWAMP reflector cannot receive any traffic on the disconnected session. RECOVERY - Check the IP connectivity between this reflector and the TWAMP client.		
Remedial action: Verify the value of the ref-inactivity-timeout and modify it according to the operational needs.		

Table 15-213 TxSectionSynchronizationError

Alarm	Attributes	Applicable major releases
Name: TxSectionSynchronizationError (92) Type: communicationsAlarm (4) Package: sonetequipment Raised on class: sonetequipment.SonetPortMonitorSpecifics	Severity: major Implicitly cleared: true Default probable cause: txSectionSynchronizationError (78)	<ul style="list-style-type: none"> • 4.0 • 5.0 • 6.0 • 6.1 • 6.2
Description: The alarm is raised when a SONET port reports an SS1F error. The alarm corresponds to the ss1f alarm on an NE.		
Raising condition: (('Outstanding Alarms'anyBit'TX Section Synchronization Error') AND ('Report Alarms'anyBit'TX Section Synchronization Error'))		
Clearing condition: NOT (('Outstanding Alarms'anyBit'TX Section Synchronization Error') AND ('Report Alarms'anyBit'TX Section Synchronization Error'))		
Remedial action: Check the SONET port is configured correctly and that the physical layer cabling is operating correctly. Call customer support if necessary.		

Table 15-214 UnidentifiedNode

Alarm	Attributes	Applicable major releases
Name: UnidentifiedNode (1922) Type: communicationsAlarm (4) Package: netw Raised on class: netw.DiscoveredNode	Severity: major Implicitly cleared: true Default probable cause: unidentifiedNode (922)	<ul style="list-style-type: none"> • 4.0 • 5.0 • 6.0 • 6.1 • 6.2
Description: The alarm is raised when the node being discovered can not be properly identified.		
Raising condition: ('State' EQUAL 'Pending Identification')		
Clearing condition: ('State' NOT EQUAL 'Pending Identification')		
Remedial action: A configuration error has occurred that must be corrected. The eNodeB does not have a system name. The name can be configured by selecting the alarm, opening the associated properties form for the alarmed object and configuring the system name.		

Table 15-215 UnmanageFailed

Alarm	Attributes	Applicable major releases
Name: UnmanageFailed (300) Type: discoveryControlAlarm (33) Package: netw Raised on class: netw.NodeDiscoveryControl	Severity: warning Implicitly cleared: true Default probable cause: unableToDeleteNode (231)	<ul style="list-style-type: none"> • 4.0 • 5.0 • 6.0 • 6.1 • 6.2
Description: The alarm is raised when an attempt to unmanage an NE fails.		
Raising condition: ('Site State' EQUAL 'Unmanage Failed')		

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Alarm	Attributes	Applicable major releases
Clearing condition: ('Site State' NOT EQUAL 'Unmanage Failed')		
Remedial action: Informational - if the alarm persists please contact Alcatel-Lucent support for assistance		

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Table 15-216 UpgradedBuildVersionMismatch

Alarm	Attributes	Applicable major releases
Name: UpgradedBuildVersionMismatch (174) Type: configurationAlarm (11) Package: netw Raised on class: netw.NetworkElement	Severity: warning Implicitly cleared: true Default probable cause: upgradedImageNotBooted (137)	<ul style="list-style-type: none"> • 4.0 • 5.0 • 6.0 • 6.1 • 6.2
Description: The alarm is raised when the software version that an NE reports after a software upgrade does not match the version of the software used for the upgrade.		
Raising condition: ('upgradedBuildVersionMismatch' EQUAL 'true')		
Clearing condition: ('upgradedBuildVersionMismatch' EQUAL 'false')		
Remedial action: Informational - if the alarm persists please contact Alcatel-Lucent support for assistance		

Table 15-217 upgradedCardAlarm

Alarm	Attributes	Applicable major releases
Name: upgradedCardAlarm (255) Type: softwareAlarm (19) Package: equipment Raised on class: equipment.Card	Severity: warning Implicitly cleared: true Default probable cause: upgradedCard (194)	<ul style="list-style-type: none"> • 4.0 • 5.0 • 6.0 • 6.1 • 6.2
Description: The alarm is raised when the standby CPM is rebooted and operational after a software upgrade. A device resets an IOM automatically after 120 minutes if the IOM is not manually reset after a CPM upgrade.		
Raising condition: ('operationalState' EQUAL 'Upgrade')		
Clearing condition: ('operationalState' EQUAL 'Up')		
Remedial action: Informational - no corrective action required.		

Table 15-218 VersionConfigRestoreFailed

Alarm	Attributes	Applicable major releases
Name: VersionConfigRestoreFailed (536) Type: configurationAlarm (11) Package: sw Raised on class: sw.BackupRestoreManager	Severity: major Implicitly cleared: true Default probable cause: versionMismatch (405)	<ul style="list-style-type: none"> • 4.0 • 5.0 • 6.0 • 6.1 • 6.2
Description: The alarm is raised when the restore procedure on an NE fails because of a mismatch between the backup file set version and the NE software version.		
Raising condition: ('lastNmsVersionRestoreState' EQUAL 'Failure')		
Clearing condition: ('lastNmsVersionRestoreState' EQUAL 'Success')		
Remedial action: The backup files being restored do not match with the version of node software release. Download a new copy of the SW image to the NE. If the problem persists contact Alcatel-Lucent support for assistance.		

Table 15-219 VirtualLinkDown

Alarm	Attributes	Applicable major releases
Name: VirtualLinkDown (122) Type: VirtualLinkAlarm (21) Package: ospf Raised on class: ospf.VirtualLink	Severity: warning Implicitly cleared: true Default probable cause: VirtualLinkDown (104)	<ul style="list-style-type: none"> • 4.0 • 5.0 • 6.0 • 6.1 • 6.2
Description: The alarm is raised when a virtual link is Down.		
Raising condition: ('Operational State' EQUAL 'Down')		
Clearing condition: ('Operational State' NOT EQUAL 'Down')		
Remedial action: This alarm is raised when the OSPF virtual link is operationally down. The situation may occur if the underlying physical interface is down either because of administrative disabling or a fault on the far end port or due to a cable connection or cable failure. This alarm will also be raised if the underlying transport network fails or is unreliable. Resolving the underlying instability in the transport network will correct this problem.		

Table 15-220 VirtualNeighborDown

Alarm	Attributes	Applicable major releases
Name: VirtualNeighborDown (123) Type: VirtualNeighborDown (22) Package: ospf Raised on classes: <ul style="list-style-type: none"> • ospf.ShamLink • ospf.VirtualLink 	Severity: warning Implicitly cleared: true Default probable cause: VirtualNeighborDown (105)	<ul style="list-style-type: none"> • 4.0 • 5.0 • 6.0 • 6.1 • 6.2
Description: The alarm is raised when a neighbor virtual link is operationally down.		

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Alarm	Attributes	Applicable major releases
Raising condition: ('neighborCount' EQUAL '0L')		
Clearing condition: ('neighborCount' NOT EQUAL '0L')		
Remedial action: This alarm is raised when the OSPF neighbor virtual link is operationally down. The situation may occur if the underlying physical interface is down either because of administrative disabling or a fault on the far end port or due to a cable connection or cable failure. This alarm will also be raised if the underlying transport network fails or is unreliable. Resolving the underlying instability in the transport network will correct this problem.		

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Table 15-221 WrongCpaaSoftwareVersion

Alarm	Attributes	Applicable major releases
Name: WrongCpaaSoftwareVersion (791) Type: equipmentAlarm (3) Package: netw Raised on class: netw.NetworkElement	Severity: critical Implicitly cleared: true Default probable cause: wrongCpaaSoftwareVersion (559)	<ul style="list-style-type: none"> • 4.0 • 5.0 • 6.0 • 6.1 • 6.2
Description: The alarm is raised when the 7701 CPAA software is the wrong version and requires an upgrade.		
Raising condition: (('Software Version' EQUAL "\"TiMOS-B-3.0.Generic \") AND ('Chassis Type' EQUAL '7701 CPAA'))		
Clearing condition: (('Software Version' NOT EQUAL "\"TiMOS-B-3.0.Generic \") AND ('Chassis Type' EQUAL '7701 CPAA'))		
Remedial action: The SW version of the CPAA must be upgraded to the version compatible with CPAM version.		

Table 15-222 XplError

Alarm	Attributes	Applicable major releases
Name: XplError (573) Type: hardwareAnomaly (55) Package: equipment Raised on class: equipment.DaughterCard	Severity: minor Implicitly cleared: true Default probable cause: xplError (443)	<ul style="list-style-type: none"> • 4.0 • 5.0 • 6.0 • 6.1 • 6.2
Description: The alarm is raised when an MDA reports persistent XPL Errors.		
Raising condition: ('Number Of Notifications' NOT EQUAL '0')		
Clearing condition: ('Number Of Notifications' EQUAL '0')		
Remedial action: Informational - if the condition persists then the MDA indicated in the alarm should be replaced.		

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Note – Some alarms that the 5620 SAM can raise against this device may not be listed in this chapter. Associating alarms with specific NE types is an ongoing Alcatel-Lucent effort. If the 5620 SAM raises an alarm against this device type, and the alarm is not described in this chapter, see chapter 41 for information about the alarm.

Table 16-1 AccessInterfaceDown

Alarm	Attributes	Applicable major releases
Name: AccessInterfaceDown (249) Type: AccessInterfaceAlarm (32) Package: service Raised on class: service.AccessInterface	Severity: critical Implicitly cleared: true Default probable cause: interfaceDown (32)	<ul style="list-style-type: none"> • 5.0 • 6.1 • 6.2
Description: The alarm is raised when an L2 or L3 interface operational state is Down. The alarm is not raised against an L2 access interface that is associated with an MC ring or MC LAG in the standby state.		
Raising condition: (('Operational State' NOT EQUAL 'Up') AND ('State Cause' NOT EQUAL 'Standby For MC-Ring') AND ('State Cause' NOT EQUAL 'Standby For MC-Lag') AND ('State Cause' NOT EQUAL 'Standby For BGP Multi-homing'))		
Clearing condition: (('Operational State' EQUAL 'Up') OR ('State Cause' EQUAL 'Standby For MC-Ring') OR ('State Cause' EQUAL 'Standby For MC-Lag') OR ('State Cause' EQUAL 'Standby For BGP Multi-homing'))		
Remedial action: The condition exists because the physical interface is down either because it is administratively disabled, faulty or a cabling fault has occurred. Ensure that the interface is administratively up. Check for a poor cable connection to the port or for a faulty cable/fiber. If neither appears to be the problem run diagnostics on the port to determine if it is faulty.		

Table 16-2 ActiveAbnormalCondition

Alarm	Attributes	Applicable major releases
Name: ActiveAbnormalCondition (3938) Type: activeAbnormalConditionAlarm (116) Package: netw Raised on class: netw.NetworkElement	Severity: major Implicitly cleared: true Default probable cause: ActiveAbnormalConditionState (1520)	<ul style="list-style-type: none"> • 5.0 • 6.1 • 6.2
Description: The alarm is an indication for abnormal condition on NE.		
Raising condition: ('abnormalCondition' EQUAL 'true')		
Clearing condition: ('abnormalCondition' EQUAL 'false')		
Remedial action: This alarm is raised when there is a abnormal state indication on NE.		

Table 16-3 AggregatedVFLPortDown

Alarm	Attributes	Applicable major releases
Name: AggregatedVFLPortDown (5436) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.Shelf	Severity: critical Implicitly cleared: true Default probable cause: connectivityIssue (2137)	<ul style="list-style-type: none"> • 5.0 • 6.1 • 6.2
Description: The alarm is generated when the aggregated virtual fabric link on the virtual chassis slot is down.		
Raising condition: (('Shelf Type' EQUAL '7850') AND ('Total Slots' EQUAL '4') AND ('Virtual Fabric Link State' NOT EQUAL 'Up'))		
Clearing condition: (('Shelf Type' EQUAL '7850') AND ('Total Slots' EQUAL '4') AND ('Virtual Fabric Link State' EQUAL 'Up'))		
Remedial action: The alarm is raised when the aggregated virtual fabric link on the virtual chassis is down. Please check the virtual fabric links for the virtual chassis setup.		

Table 16-4 AGWDiameterPeerDown

Alarm	Attributes	Applicable major releases
Name: AGWDiameterPeerDown (844) Type: EpcAlarm (59) Package: Ite Raised on class: Ite.AGWDiameterPeer	Severity: variable Implicitly cleared: true Default probable cause: EPSPeerDown (602)	<ul style="list-style-type: none"> • 5.0 • 6.1 • 6.2
Description: The alarm is raised when the path management state of a Diameter peer changes to a state other than Up.		
Raising condition: ('Path Diameter Management State' NOT EQUAL 'Active')		
Clearing condition: ('Path Diameter Management State' EQUAL 'Active')		
Remedial action: A Ga reference point (peer) is operationally down for one of the following reasons: the underlying IP or physical interface is down, the far end peer is down or the underlying transport between this NE and the peer NE is down. To resolve the issue ensure that the IP/physical interface is up, check that the far end peer is operational and check that the underlying transport network is up.		

Table 16-5 AncillaryPathLimitReached

Alarm	Attributes	Applicable major releases
Name: AncillaryPathLimitReached (459) Type: resourceAlarm (28) Package: equipment Raised on class: equipment.DaughterCard	Severity: warning Implicitly cleared: true Default probable cause: resourceLimitReached (131)	<ul style="list-style-type: none"> • 5.0 • 6.1 • 6.2
Description: The alarm is raised when the Ingress Multicast Path Management ancillary path bandwidth limit is reached.		
Raising condition: (('Ancillary Path Limit Override' > '0') AND ('Ancillary Path In use' >= (1000 * 'Ancillary Path Limit Override'))"		
Clearing condition: (('Ancillary Path Limit Override' > '0') AND ('Ancillary Path In use' < (1000 * 'Ancillary Path Limit Override'))"		
Remedial action: Informational - The alarm is raised when the Ingress Multicast Path Management ancillary path bandwidth limit is reached. This can be remedied by modifying the ancillary path limit located at T1 Paths tab of the multicast bandwidth policy which assigned to the card, or increase the ancillary path limit override located at the Daughter Card tab under Daughter Card Slot form.		

Table 16-6 AreaTypeMismatch

Alarm	Attributes	Applicable major releases
Name: AreaTypeMismatch (38) Type: configurationAlarm (11) Package: ospf Raised on class: ospf.Area	Severity: warning Implicitly cleared: true Default probable cause: areaTypeMisconfigured (34)	<ul style="list-style-type: none"> • 5.0 • 6.1 • 6.2
Description: The alarm is raised when an OSPF area on one NE is configured as an NSSA and the same OSPF area on another NE is configured as a stub area.		
Raising condition: ('Type Mismatch' EQUAL 'true')		
Clearing condition: ('Type Mismatch' EQUAL 'false')		
Remedial action: A configuration error has been made which must be corrected. The OSPF area type configured for the NE does not match with the same OSPF area configured on another NE. Compare the configuration on the endpoint and correct the mismatch.		

Table 16-7 AuthKeyConflict (rsvp)

Alarm	Attributes	Applicable major releases
Name: AuthKeyConflict (5188) Type: processingErrorAlarm (81) Package: rsvp Raised on class: rsvp.AuthenticationKey	Severity: warning Implicitly cleared: true Default probable cause: AuthKeyConflict (2103)	<ul style="list-style-type: none"> • 5.0 • 6.2
Description: The alarm is raised when both Authentication Key and RSVP Keychain are configured. RSVP Keychain will be used.		
Raising condition: (('RSVP Keychain' NOT EQUAL "") AND ('enableAuthentication' EQUAL 'true'))		
Clearing condition: (('RSVP Keychain' EQUAL "") OR ('enableAuthentication' NOT EQUAL 'true'))		

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Alarm	Attributes	Applicable major releases
Remedial action: Authentication Key and RSVP Keychain are both configured. RSVP Keychain will be used. The alarm is cleared when only one is configured.		

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Table 16-8 AuxiliaryServerStatus

Alarm	Attributes	Applicable major releases
Name: AuxiliaryServerStatus (311) Type: communicationsAlarm (4) Package: server Raised on class: server.AuxiliaryServer	Severity: critical Implicitly cleared: true Default probable cause: systemFailed (144)	<ul style="list-style-type: none"> • 5.0 • 6.1 • 6.2
Description: The alarm is raised when a 5620 SAM main server cannot communicate with an auxiliary server. The alarm clears when communication is restored.		
Raising condition: ('Server Status' EQUAL 'Down')		
Clearing condition: ('Server Status' EQUAL 'Up')		
Remedial action: Informational - if the alarm persists or is occurring frequently then investigation is required to understand why the connectivity between the AUX and SAM servers is unreliable.		

Table 16-9 BerLineSignalDegradation

Alarm	Attributes	Applicable major releases
Name: BerLineSignalDegradation (88) Type: communicationsAlarm (4) Package: sonetequipment Raised on class: sonetequipment.SonetPortMonitorSpecifics	Severity: major Implicitly cleared: true Default probable cause: berLineSignalDegradation (74)	<ul style="list-style-type: none"> • 5.0 • 6.1 • 6.2
Description: The alarm is raised when a SONET port reports a line signal degradation BER error. The alarm corresponds to the lb2er-sd alarm on an NE.		
Raising condition: (('Outstanding Alarms'anyBit'BER Line Signal Degradation') AND ('Report Alarms'anyBit'BER Line Signal Degradation'))		
Clearing condition: NOT (('Outstanding Alarms'anyBit'BER Line Signal Degradation') AND ('Report Alarms'anyBit'BER Line Signal Degradation'))		
Remedial action: Informational only.		

Table 16-10 BerLineSignalFailure

Alarm	Attributes	Applicable major releases
Name: BerLineSignalFailure (89) Type: communicationsAlarm (4) Package: sonetequipment Raised on class: sonetequipment.SonetPortMonitorSpecifics	Severity: major Implicitly cleared: true Default probable cause: berLineSignalFailure (75)	<ul style="list-style-type: none"> • 5.0 • 6.1 • 6.2
Description: The alarm is raised when a SONET port reports a line signal degradation BER error. The alarm corresponds to the lb2er-sf alarm on an NE.		
Raising condition: (('Outstanding Alarms'anyBit'BER Line Signal Failure') AND ('Report Alarms'anyBit'BER Line Signal Failure'))		
Clearing condition: NOT (('Outstanding Alarms'anyBit'BER Line Signal Failure') AND ('Report Alarms'anyBit'BER Line Signal Failure'))		
Remedial action: Informational only.		

Table 16-11 BfdInterfaceConnectionBroken

Alarm	Attributes	Applicable major releases
Name: BfdInterfaceConnectionBroken (3329) Type: serviceAlarm (16) Package: vrrp Raised on class: vrrp.BfdInterface	Severity: minor Implicitly cleared: true Default probable cause: bfdSessionConnectionBroken (593)	<ul style="list-style-type: none"> • 6.1 • 6.2
Description: The alarm is raised when the BFD connection to a peer times out.		
Raising condition: ('Operational State' EQUAL 'Timed Out')		
Clearing condition: ('Operational State' NOT EQUAL 'Timed Out')		
Remedial action: Check the peer router, fix the BFD connection		

Table 16-12 BfdInterfaceConnectionDown

Alarm	Attributes	Applicable major releases
Name: BfdInterfaceConnectionDown (3330) Type: serviceAlarm (16) Package: vrrp Raised on class: vrrp.BfdInterface	Severity: minor Implicitly cleared: true Default probable cause: bfdSessionDown (346)	<ul style="list-style-type: none"> • 6.1 • 6.2
Description: The alarm is raised when the Operational State of a BFD session is Not Connected.		
Raising condition: ('Operational State' NOT EQUAL 'Operational')		
Clearing condition: ('Operational State' EQUAL 'Operational')		
Remedial action: Check the BFD interface configuration, fix the BFD connection		

Table 16-13 BfdInterfaceConnectionPeerDetectsDown

Alarm	Attributes	Applicable major releases
Name: BfdInterfaceConnectionPeerDetectsDown (3331) Type: serviceAlarm (16) Package: vrrp Raised on class: vrrp.BfdInterface	Severity: minor Implicitly cleared: true Default probable cause: bfdSessionConnectionPeerDetectsDown (594)	<ul style="list-style-type: none"> • 6.1 • 6.2
Description: The alarm is raised when a BFD peer detects a connection timeout.		
Raising condition: ('Operational State' EQUAL 'Down')		
Clearing condition: ('Operational State' NOT EQUAL 'Down')		
Remedial action: Fix the BFD connection		

Table 16-14 BgpDown

Alarm	Attributes	Applicable major releases
Name: BgpDown (6) Type: ProtocolAlarm (1) Package: bgp Raised on class: bgp.Site	Severity: critical Implicitly cleared: true Default probable cause: protocolDown (1)	<ul style="list-style-type: none"> • 5.0 • 6.1 • 6.2
Description: The alarm is raised when a BGP instance has an Operational State other than Up, and the Administrative State is Up.		
Raising condition: (('Administrative State' EQUAL 'Up') AND ('Operational State' NOT EQUAL 'Up'))		
Clearing condition: (('Operational State' EQUAL 'Up') OR ('Administrative State' NOT EQUAL 'Up'))		
Remedial action: The BGP protocol entity is down - administratively disable BGP and re-enable. If the problem persists please contact Alcatel-Lucent support for assistance.		

Table 16-15 BITS2NotQualified

Alarm	Attributes	Applicable major releases
Name: BITS2NotQualified (1941) Type: communicationsAlarm (4) Package: sonet Raised on class: sonet.SiteSync	Severity: minor Implicitly cleared: true Default probable cause: timingReferenceNotQualified (418)	<ul style="list-style-type: none"> • 5.0 • 6.1 • 6.2
Description: The alarm is raised when the BITS-2 timing reference on an NE is not in the Qualified state.		
Raising condition: (('Qualified For Use' EQUAL 'Not Qualified') AND ('Input Administrative State' NOT EQUAL 'Down'))		
Clearing condition: (('Qualified For Use' NOT EQUAL 'Not Qualified') OR ('Input Administrative State' EQUAL 'Down'))		
Remedial action: Make sure that BITS2 is qualified		

Table 16-16 BITSNotQualified

Alarm	Attributes	Applicable major releases
Name: BITSNotQualified (547) Type: communicationsAlarm (4) Package: sonet Raised on class: sonet.SiteSync	Severity: minor Implicitly cleared: true Default probable cause: timingReferenceNotQualified (418)	<ul style="list-style-type: none"> • 5.0 • 6.1 • 6.2
Description: The alarm is raised when the BITS timing reference on an NE is not in the Qualified state.		
Raising condition: (('Qualified For Use' EQUAL 'Not Qualified') AND ('Output Administrative State' NOT EQUAL 'Down'))		
Clearing condition: (('Qualified For Use' NOT EQUAL 'Not Qualified') OR ('Output Administrative State' EQUAL 'Down'))		
Remedial action: Make sure that BITS is qualified		

Table 16-17 BITSReferenceLossOfSignal

Alarm	Attributes	Applicable major releases
Name: BITSReferenceLossOfSignal (1950) Type: communicationsAlarm (4) Package: sonet Raised on class: sonet.SiteSync	Severity: minor Implicitly cleared: true Default probable cause: BITSReferenceLossOfSignal (938)	<ul style="list-style-type: none"> • 5.0 • 6.1 • 6.2
Description: The alarm is raised when the BITS reference on an NE is not qualified due to Loss of Signal.		
Raising condition: (('Not Qualified Due To'anyBit'LOS'))		
Clearing condition: NOT (('Not Qualified Due To'anyBit'LOS'))		
Remedial action: Make sure that peer connected to BITS is properly configured.		

Table 16-18 BITSReferenceOutOfFrequency

Alarm	Attributes	Applicable major releases
Name: BITSReferenceOutOfFrequency (1951) Type: communicationsAlarm (4) Package: sonet Raised on class: sonet.SiteSync	Severity: minor Implicitly cleared: true Default probable cause: BITSReferenceOutOfFrequency (939)	<ul style="list-style-type: none"> • 5.0 • 6.1 • 6.2
Description: The alarm is raised when the BITS Reference on an NE is not qualified due to Out of frequency.		
Raising condition: (('Not Qualified Due To'anyBit'OOF'))		
Clearing condition: NOT (('Not Qualified Due To'anyBit'OOF'))		
Remedial action: Make sure that frequency configured for BITS is correct.		

Table 16-19 BITSReferenceOutOfPollInRange

Alarm	Attributes	Applicable major releases
Name: BITSReferenceOutOfPollInRange (1952) Type: communicationsAlarm (4) Package: sonet Raised on class: sonet.SiteSync	Severity: minor Implicitly cleared: true Default probable cause: BITSReferenceOutOfPollInRange (940)	<ul style="list-style-type: none"> • 5.0 • 6.1 • 6.2
Description: The alarm is raised when the BITS Reference on an NE is not qualified state due to Out of poll in range.		
Raising condition: (('Not Qualified Due To'anyBit'OOPIR'))		
Clearing condition: NOT (('Not Qualified Due To'anyBit'OOPIR'))		
Remedial action: Check the BITS is configured correctly. Check the SONET port is configured correctly and that the physical layer cabling is operating correctly. Call customer support if necessary		

Table 16-20 BootableConfigBackupFailed

Alarm	Attributes	Applicable major releases
Name: BootableConfigBackupFailed (103) Type: configurationAlarm (11) Package: sw Raised on class: sw.BackupRestoreManager	Severity: major Implicitly cleared: true Default probable cause: fileTransferFailure (89)	<ul style="list-style-type: none"> • 5.0 • 6.1 • 6.2
Description: The alarm is raised when the 5620 SAM fails to back up a set of NE configuration files.		
Raising condition: ('Backup State' EQUAL 'Failure')		
Clearing condition: ('Backup State' EQUAL 'Success')		
Remedial action: Investigation is required to resolve the following possible scenarios: insufficient disk space is available to accommodate the NE configuration files (additional SAM platform alarms will accompany this alarm); the NE is unreachable (including underlying transport network issue); loss of connectivity to the NE during transfer; the FTP daemon on the NE may have stopped; FTP security credential issues.		

Table 16-21 BootableConfigRestoreFailed

Alarm	Attributes	Applicable major releases
Name: BootableConfigRestoreFailed (104) Type: configurationAlarm (11) Package: sw Raised on class: sw.BackupRestoreManager	Severity: major Implicitly cleared: true Default probable cause: fileTransferFailure (89)	<ul style="list-style-type: none"> • 5.0 • 6.1 • 6.2
Description: The alarm is raised when the 5620 SAM fails to restore a set of NE configuration files.		
Raising condition: ('Restore State' EQUAL 'Failure')		
Clearing condition: ('Restore State' EQUAL 'Success')		

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Alarm	Attributes	Applicable major releases
Remedial action: Investigation is required to resolve the following possible scenarios: the NE is unreachable (including underlying transport network issue); loss of connectivity to the NE during transfer; the FTP daemon on the NE may have stopped; FTP security credential issues.		

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Table 16-22 BootParametersMisconfigured

Alarm	Attributes	Applicable major releases
Name: BootParametersMisconfigured (35) Type: configurationAlarm (11) Package: netw Raised on class: netw.NetworkElement	Severity: critical Implicitly cleared: true Default probable cause: persistentIndexFailure (30) Applicable probable causes: <ul style="list-style-type: none"> • persistentIndexFailure • configFileBootFailure 	<ul style="list-style-type: none"> • 5.0 • 6.1 • 6.2
Description: The alarm is raised when the SNMP Index Boot Status on an NE is not set to Persistent.		
Raising condition: (('isGenericNode' EQUAL 'false') AND ('State' NOT EQUAL 'Pre-provisioned') AND (((('Config File Status' NOT EQUAL 'Executed Successfully') AND ('Config File Status' NOT EQUAL 'configFileStatus_unspecified')) OR (('Persistent Index Status' NOT EQUAL 'Rebuild Succeeded') AND ('Persistent Index Status' NOT EQUAL 'persistentIndexStatus_unspecified'))))		
Clearing condition: (('Config File Status' EQUAL 'Executed Successfully') AND ('Persistent Index Status' EQUAL 'Rebuild Succeeded'))		
Remedial action: Ensure that "SNMP Index Boot Status" is persistent (using cli command "show system information" on the NE). If not, unmanage the network element from SAM, ensure that "persist on" is set in the bof file, save the bof, save a config file, verify that an index file (.ndx) is saved as well, reboot the router, verify that SNMP Index Boot Status is persistent and finally remanage the router from SAM.		

Table 16-23 BundleDown

Alarm	Attributes	Applicable major releases
Name: BundleDown (152) Type: equipmentAlarm (3) Package: bundle Raised on class: bundle.Interface	Severity: critical Implicitly cleared: true Default probable cause: bundleDown (128)	<ul style="list-style-type: none"> • 5.0 • 6.1 • 6.2
Description: The alarm is raised when the bundle Administrative State is Up and the Operational State is Down.		
Raising condition: (('Protection Type' EQUAL 'None') AND ('Administrative State' EQUAL 'Up') AND ('operationalState' NOT EQUAL 'Up') AND ('specificCardType' NOT EQUAL '16 x E1 (ASAP)'))		
Clearing condition: (('Protection Type' NOT EQUAL 'None') OR ('operationalState' EQUAL 'Up') OR ('Administrative State' NOT EQUAL 'Up'))		
Remedial action: Informational - no corrective action required.		

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Table 16-24 CesBfrOverrun

Alarm	Attributes	Applicable major releases
Name: CesBfrOverrun (448) Type: communicationsAlarm (4) Package: vll Raised on class: vll.VIICesInterfaceSpecifics	Severity: major Implicitly cleared: true Default probable cause: bufferOverrun (322)	<ul style="list-style-type: none"> • 5.0 • 6.1 • 6.2
Description: The alarm is raised when the 5620 SAM detects a jitter buffer overrun.		
Raising condition: (('Report Alarm Status'anyBit'Buffer Overrun') AND ('Report Alarm'anyBit'Buffer Overrun'))		
Clearing condition: NOT (('Report Alarm Status'anyBit'Buffer Overrun') AND ('Report Alarm'anyBit'Buffer Overrun'))		
Remedial action: Informational - if the alarm persists or is occurring frequently then investigation is required to understand why the underlying transport network is unreliable.		

Table 16-25 CesBfrUnderrun

Alarm	Attributes	Applicable major releases
Name: CesBfrUnderrun (449) Type: communicationsAlarm (4) Package: vll Raised on class: vll.VIICesInterfaceSpecifics	Severity: major Implicitly cleared: true Default probable cause: bufferOverrun (322)	<ul style="list-style-type: none"> • 5.0 • 6.1 • 6.2
Description: The alarm is raised when the 5620 SAM detects a jitter buffer underrun.		
Raising condition: (('Report Alarm Status'anyBit'Buffer Underrun') AND ('Report Alarm'anyBit'Buffer Underrun'))		
Clearing condition: NOT (('Report Alarm Status'anyBit'Buffer Underrun') AND ('Report Alarm'anyBit'Buffer Underrun'))		
Remedial action: Informational - if the alarm persists or is occurring frequently then investigation is required to understand why the underlying transport network is unreliable.		

Table 16-26 CesMalformedPkts

Alarm	Attributes	Applicable major releases
Name: CesMalformedPkts (446) Type: communicationsAlarm (4) Package: vll Raised on class: vll.VIICesInterfaceSpecifics	Severity: major Implicitly cleared: true Default probable cause: malformedPackets (320)	<ul style="list-style-type: none"> • 5.0 • 6.1 • 6.2
Description: The alarm is raised when the 5620 SAM detects one or more malformed packets.		
Raising condition: (('Report Alarm Status'anyBit'Malformed Packets') AND ('Report Alarm'anyBit'Malformed Packets'))		
Clearing condition: NOT (('Report Alarm Status'anyBit'Malformed Packets') AND ('Report Alarm'anyBit'Malformed Packets'))		
Remedial action: Informational - if the alarm persists or is occurring frequently then investigation is required to understand why the underlying transport network is unreliable.		

Table 16-27 CesPktLoss

Alarm	Attributes	Applicable major releases
Name: CesPktLoss (447) Type: communicationsAlarm (4) Package: vll Raised on class: vll.VIICesInterfaceSpecifics	Severity: major Implicitly cleared: true Default probable cause: lossOfPacket (321)	<ul style="list-style-type: none"> • 5.0 • 6.1 • 6.2
Description: The alarm is raised when the 5620 SAM detects a packet loss.		
Raising condition: (('Report Alarm Status'anyBit'Packet Loss') AND ('Report Alarm'anyBit'Packet Loss'))		
Clearing condition: NOT (('Report Alarm Status'anyBit'Packet Loss') AND ('Report Alarm'anyBit'Packet Loss'))		
Remedial action: Informational - if the alarm persists or is occurring frequently then investigation is required to understand why the underlying transport network is unreliable.		

Table 16-28 CesRmtPktLoss

Alarm	Attributes	Applicable major releases
Name: CesRmtPktLoss (450) Type: communicationsAlarm (4) Package: vll Raised on class: vll.VIICesInterfaceSpecifics	Severity: minor Implicitly cleared: true Default probable cause: farEndLossOfPacket (323)	<ul style="list-style-type: none"> • 5.0 • 6.1 • 6.2
Description: The alarm is raised when the 5620 SAM detects a remote packet loss.		
Raising condition: (('Report Alarm Status'anyBit'Remote Packet Loss') AND ('Report Alarm'anyBit'Remote Packet Loss'))		
Clearing condition: NOT (('Report Alarm Status'anyBit'Remote Packet Loss') AND ('Report Alarm'anyBit'Remote Packet Loss'))		
Remedial action: Informational - if the alarm persists or is occurring frequently then investigation is required to understand why the underlying transport network is unreliable.		

Table 16-29 CesRmtRdi

Alarm	Attributes	Applicable major releases
Name: CesRmtRdi (452) Type: configurationAlarm (11) Package: vll Raised on class: vll.VIICesInterfaceSpecifics	Severity: minor Implicitly cleared: false Default probable cause: farEndRdi (325)	<ul style="list-style-type: none"> • 5.0 • 6.1 • 6.2
Description: The alarm is raised when the 5620 SAM detects a remote RDI.		
Raising condition: (('Report Alarm Status'anyBit'Remote RDI') AND ('Report Alarm'anyBit'Remote RDI'))		
Clearing condition: NOT (('Report Alarm Status'anyBit'Remote RDI') AND ('Report Alarm'anyBit'Remote RDI'))		
Remedial action: Informational - if the alarm persists or is occurring frequently then investigation is required to understand why the underlying transport network is unreliable.		

Table 16-30 CesRmtTdmFault

Alarm	Attributes	Applicable major releases
Name: CesRmtTdmFault (451) Type: configurationAlarm (11) Package: vll Raised on class: vll.VIICesInterfaceSpecifics	Severity: minor Implicitly cleared: false Default probable cause: tdmFarEndFault (324)	<ul style="list-style-type: none"> • 5.0 • 6.1 • 6.2
Description: The alarm is raised when the 5620 SAM detects a remote TDM fault.		
Raising condition: (('Report Alarm Status'anyBit'Remote TDM Fault') AND ('Report Alarm'anyBit'Remote TDM Fault'))		
Clearing condition: NOT (('Report Alarm Status'anyBit'Remote TDM Fault') AND ('Report Alarm'anyBit'Remote TDM Fault'))		
Remedial action: Informational - if the alarm persists or is occurring frequently then investigation is required to understand why the underlying transport network is unreliable.		

Table 16-31 CesStrayPkts

Alarm	Attributes	Applicable major releases
Name: CesStrayPkts (445) Type: communicationsAlarm (4) Package: vll Raised on class: vll.VIICesInterfaceSpecifics	Severity: minor Implicitly cleared: true Default probable cause: strayPackets (319)	<ul style="list-style-type: none"> • 5.0 • 6.1 • 6.2
Description: The alarm is raised when the 5620 SAM detects received stray packets.		
Raising condition: (('Report Alarm Status'anyBit'Stray Packets') AND ('Report Alarm'anyBit'Stray Packets'))		
Clearing condition: NOT (('Report Alarm Status'anyBit'Stray Packets') AND ('Report Alarm'anyBit'Stray Packets'))		
Remedial action: Informational - if the alarm persists or is occurring frequently then investigation is required to understand why the underlying transport network is unreliable.		

Table 16-32 ClientDelegateServerStatus

Alarm	Attributes	Applicable major releases
Name: ClientDelegateServerStatus (731) Type: communicationsAlarm (4) Package: server Raised on class: server.ClientDelegateServer	Severity: critical Implicitly cleared: true Default probable cause: systemFailed (144)	<ul style="list-style-type: none"> • 5.0 • 6.1 • 6.2
Description: The alarm is raised when a client delegate server is unreachable.		
Raising condition: ('Server Status' EQUAL 'Down')		
Clearing condition: ('Server Status' EQUAL 'Up')		
Remedial action: Informational - if the alarm persists or is occurring frequently then investigation is required to understand why the connectivity between the client delegate platform and SAM servers is unreliable or the client delegate server itself is unreliable.		

Table 16-33 ConcurrentSessionExceedsHigh

Alarm	Attributes	Applicable major releases
Name: ConcurrentSessionExceedsHigh (5401) Type: thresholdCrossed (6) Package: netw Raised on class: netw.NetworkElement	Severity: minor Implicitly cleared: true Default probable cause: resourceFull (53)	<ul style="list-style-type: none"> 6.1
Description: This alarm is raised when the concurrent security session count exceeds its high watermark. Cleared when it reaches its low watermark again; the watermarks are derived from the limit specified in hi-water-mark and low-water-mark.		
Remedial action: This alarm is raised when the concurrent security session count exceeds its high watermark. Cleared when it reaches its low watermark again; the watermarks are derived from the limit specified in hi-water-mark and low-water-mark.		

Table 16-34 ConcurrentSessionExhausted

Alarm	Attributes	Applicable major releases
Name: ConcurrentSessionExhausted (5402) Type: thresholdCrossed (6) Package: netw Raised on class: netw.NetworkElement	Severity: major Implicitly cleared: true Default probable cause: resourceFull (53)	<ul style="list-style-type: none"> 6.1
Description: This alarm is raised when the concurrent security session count reaches the system limit. The concurrent session limit can be read in 'Concurrent Active Session Limit'.		
Remedial action: This alarm is raised when the concurrent security session count reaches the system limit. The concurrent session limit can be read in 'Concurrent Active Session Limit'		

Table 16-35 ContainingEquipmentAdministrativelyDown

Alarm	Attributes	Applicable major releases
Name: ContainingEquipmentAdministrativelyDown (466) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.Port	Severity: minor Implicitly cleared: true Default probable cause: containingEquipmentAdministrativelyDown (330)	<ul style="list-style-type: none"> 5.0 6.1 6.2
Description: The alarm is raised when the compositeEquipmentState attribute has a value of containingEquipmentAdministrativelyDown.		
Raising condition: (('Status' EQUAL 'Parent Admin Down') AND ('isTerminatable' EQUAL 'true'))		
Clearing condition: (('Status' NOT EQUAL 'Parent Admin Down') OR ('isTerminatable' NOT EQUAL 'true'))		
Remedial action: Informational - no corrective action required.		

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Table 16-36 ContainingEquipmentMismatch

Alarm	Attributes	Applicable major releases
Name: ContainingEquipmentMismatch (464) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.Port	Severity: major Implicitly cleared: true Default probable cause: containingEquipmentMismatch (328)	<ul style="list-style-type: none"> • 5.0 • 6.1 • 6.2
Description: The alarm is raised when the compositeEquipmentState attribute has a value of containingEquipmentMismatch.		
Raising condition: (('Status' EQUAL 'Parent Type Mismatch') AND ('isTerminatable' EQUAL 'true'))		
Clearing condition: (('Status' NOT EQUAL 'Parent Type Mismatch') OR ('isTerminatable' NOT EQUAL 'true'))		
Remedial action: A configuration error has occurred which must be corrected. The card type configured for the slot identified in the alarm must match the installed card type.		

Table 16-37 ContainingEquipmentOperationallyDown

Alarm	Attributes	Applicable major releases
Name: ContainingEquipmentOperationallyDown (465) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.Port	Severity: major Implicitly cleared: true Default probable cause: containingEquipmentDown (329)	<ul style="list-style-type: none"> • 5.0 • 6.1 • 6.2
Description: The alarm is raised when the compositeEquipmentState attribute has a value of containingEquipmentOperationallyDown.		
Raising condition: (('Status' EQUAL 'Parent Oper Down') AND ('isTerminatable' EQUAL 'true'))		
Clearing condition: (('Status' NOT EQUAL 'Parent Oper Down') OR ('isTerminatable' NOT EQUAL 'true'))		
Remedial action: The operational state of the equipment element indicated in the alarm is down. This may be due to the element's administrative state or it may indicate that the element has failed.		

Table 16-38 CorruptImageFile

Alarm	Attributes	Applicable major releases
Name: CorruptImageFile (171) Type: configurationAlarm (11) Package: mediation Raised on class: mediation.AbstractSoftwareFolderDescriptor	Severity: critical Implicitly cleared: true Default probable cause: invalidOrCorruptImageFile (134)	<ul style="list-style-type: none"> • 5.0 • 6.1 • 6.2
Description: The alarm is raised when one or more files in the 5620 SAM software image specified for a device software upgrade is invalid, corrupt or absent. The 5620 SAM validates a device software file set before it imports the file set and distributes it to an NE. Ensure that the file set downloads properly to the NE and is not tampered with before you re-attempt the upgrade. The alarm clears when a valid file set is on the NE and the 5620 SAM activates the software image in the file set.		
Raising condition: ('isImageValid' EQUAL 'false')		

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Alarm	Attributes	Applicable major releases
Clearing condition: ('isImageValid' EQUAL 'true')		
Remedial action: The existing SW image in the SAM database should be replaced with an image that is known to be complete and valid.		

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Table 16-39 DataChannelAlarmIndicationSignal

Alarm	Attributes	Applicable major releases
Name: DataChannelAlarmIndicationSignal (3944) Type: communicationsAlarm (4) Package: tdmequipment Raised on class: tdmequipment.DataChannelSpecifics	Severity: major Implicitly cleared: true Default probable cause: alarmIndicationSignal (96)	<ul style="list-style-type: none"> • 5.0 • 6.1 • 6.2
Description: The alarm is raised when an NE reports that a data channel has an AIS alarm condition.		
Raising condition: (('Report Alarm Status'anyBit'Alarm Indication Signal') AND ('Report Alarm'anyBit'Alarm Indication Signal'))		
Clearing condition: NOT (((('Report Alarm Status'anyBit'Alarm Indication Signal') AND ('Report Alarm'anyBit'Alarm Indication Signal'))))		
Remedial action: The Cpipe Service running on this CODIR VT card need fixing. Make the Cpipe error free.		

Table 16-40 DataChannelLossOfSignal

Alarm	Attributes	Applicable major releases
Name: DataChannelLossOfSignal (3946) Type: communicationsAlarm (4) Package: tdmequipment Raised on class: tdmequipment.DataChannelSpecifics	Severity: major Implicitly cleared: true Default probable cause: lossOfSignal (99)	<ul style="list-style-type: none"> • 5.0 • 6.1 • 6.2
Description: The alarm is raised when an NE reports that a date channel has an LOS condition.		
Raising condition: (('Report Alarm Status'anyBit'Loss Of Signal') AND ('Report Alarm'anyBit'Loss Of Signal'))		
Clearing condition: NOT (((('Report Alarm Status'anyBit'Loss Of Signal') AND ('Report Alarm'anyBit'Loss Of Signal'))))		
Remedial action: The Cpipe Service running on this VT card need fixing. Make the Cpipe error free.		

Table 16-41 DataChannelRemoteAlarmIndication

Alarm	Attributes	Applicable major releases
Name: DataChannelRemoteAlarmIndication (3947) Type: communicationsAlarm (4) Package: tdmequipment Raised on class: tdmequipment.DataChannelSpecifics	Severity: major Implicitly cleared: true Default probable cause: remoteAlarmIndication (574)	<ul style="list-style-type: none"> • 5.0 • 6.1 • 6.2
Description: The alarm is raised when an NE reports that a data channel has an RAI condition.		
Raising condition: (('Report Alarm Status'anyBit'Remote Alarm Indication') AND ('Report Alarm'anyBit'Remote Alarm Indication'))		
Clearing condition: NOT (((('Report Alarm Status'anyBit'Remote Alarm Indication') AND ('Report Alarm'anyBit'Remote Alarm Indication'))))		
Remedial action: The Cpipe Service running on this TPIF VT card need fixing. Make the Cpipe error free.		

Table 16-42 downgradedCardAlarm

Alarm	Attributes	Applicable major releases
Name: downgradedCardAlarm (256) Type: softwareAlarm (19) Package: equipment Raised on class: equipment.Card	Severity: warning Implicitly cleared: true Default probable cause: downgradedCard (195)	<ul style="list-style-type: none"> • 5.0 • 6.1 • 6.2
Description: The alarm is raised when an IOM is not upgraded or reset after a device software upgrade of both CPMs. A device resets an IOM automatically after 120 minutes if the IOM is not manually reset after a CPM upgrade.		
Raising condition: ('operationalState' EQUAL 'Downgrade')		
Clearing condition: ('operationalState' EQUAL 'Up')		
Remedial action: Informational - no corrective action required.		

Table 16-43 DS1E1AlarmIndicationSignal

Alarm	Attributes	Applicable major releases
Name: DS1E1AlarmIndicationSignal (112) Type: communicationsAlarm (4) Package: tdmequipment Raised on class: tdmequipment.DS1E1ChannelSpecifics	Severity: major Implicitly cleared: true Default probable cause: alarmIndicationSignal (96)	<ul style="list-style-type: none"> • 5.0 • 6.1 • 6.2
Description: The alarm is raised when an NE reports that a specific DS1 or E1 channel has an AIS alarm condition.		
Raising condition: (('Outstanding Alarms'anyBit'Alarm Indication Signal') AND ('Report Alarms'anyBit'Alarm Indication Signal'))		
Clearing condition: NOT (((('Outstanding Alarms'anyBit'Alarm Indication Signal') AND ('Report Alarms'anyBit'Alarm Indication Signal'))))		
Remedial action: Informational only.		

Table 16-44 DS1E1Looped

Alarm	Attributes	Applicable major releases
Name: DS1E1Looped (126) Type: communicationsAlarm (4) Package: tdmequipment Raised on class: tdmequipment.DS1E1ChannelSpecifics	Severity: major Implicitly cleared: true Default probable cause: farEndLoopback (102)	<ul style="list-style-type: none"> • 5.0 • 6.1 • 6.2
Description: The alarm is raised when an NE reports that a specific DS1 or E1 channel has a remote loopback alarm condition.		
Raising condition: (('Outstanding Alarms'anyBit'Far end wants the near end to loopback') AND ('Report Alarms'anyBit'Far end wants the near end to loopback'))		
Clearing condition: NOT (('Outstanding Alarms'anyBit'Far end wants the near end to loopback') AND ('Report Alarms'anyBit'Far end wants the near end to loopback'))		
Remedial action: Informational only.		

Table 16-45 DS1E1LossOfSignal

Alarm	Attributes	Applicable major releases
Name: DS1E1LossOfSignal (124) Type: communicationsAlarm (4) Package: tdmequipment Raised on class: tdmequipment.DS1E1ChannelSpecifics	Severity: major Implicitly cleared: true Default probable cause: lossOfSignal (99)	<ul style="list-style-type: none"> • 5.0 • 6.1 • 6.2
Description: The alarm is raised when an NE reports that a specific DS1 or E1 channel has an LOS alarm condition.		
Raising condition: (('Outstanding Alarms'anyBit'Loss of Signal') AND ('Report Alarms'anyBit'Loss of Signal'))		
Clearing condition: NOT (('Outstanding Alarms'anyBit'Loss of Signal') AND ('Report Alarms'anyBit'Loss of Signal'))		
Remedial action: Informational only.		

Table 16-46 DS1E1OutOfFrame

Alarm	Attributes	Applicable major releases
Name: DS1E1OutOfFrame (125) Type: communicationsAlarm (4) Package: tdmequipment Raised on class: tdmequipment.DS1E1ChannelSpecifics	Severity: major Implicitly cleared: true Default probable cause: outOfFrame (100)	<ul style="list-style-type: none"> • 5.0 • 6.1 • 6.2
Description: The alarm is raised when an NE reports that a specific DS1 or E1 channel has an OOF alarm condition.		
Raising condition: (('Outstanding Alarms'anyBit'Out Of Frame') AND ('Report Alarms'anyBit'Out Of Frame'))		
Clearing condition: NOT (('Outstanding Alarms'anyBit'Out Of Frame') AND ('Report Alarms'anyBit'Out Of Frame'))		
Remedial action: Informational only.		

Table 16-47 DS1E1ResourceAvailabilityIndicator

Alarm	Attributes	Applicable major releases
Name: DS1E1ResourceAvailabilityIndicator (114) Type: communicationsAlarm (4) Package: tdmequipment Raised on class: tdmequipment.DS1E1ChannelSpecifics	Severity: major Implicitly cleared: true Default probable cause: resourceAvailabilityIndicator (98)	<ul style="list-style-type: none"> • 5.0 • 6.1 • 6.2
Description: The alarm is raised when an NE reports that a specific DS1 or E1 channel has an RAI alarm condition.		
Raising condition: (('Outstanding Alarms'anyBit'Resource Availability Indicator') AND ('Report Alarms'anyBit'Resource Availability Indicator'))		
Clearing condition: NOT (('Outstanding Alarms'anyBit'Resource Availability Indicator') AND ('Report Alarms'anyBit'Resource Availability Indicator'))		
Remedial action: Informational only.		

Table 16-48 DS1E1SignalDegradation

Alarm	Attributes	Applicable major releases
Name: DS1E1SignalDegradation (500) Type: communicationsAlarm (4) Package: tdmequipment Raised on class: tdmequipment.DS1E1ChannelSpecifics	Severity: major Implicitly cleared: true Default probable cause: signalDegradation (386)	<ul style="list-style-type: none"> • 5.0 • 6.1 • 6.2
Description: The alarm is raised when an NE reports that a specific DS1 or E1 channel has an SD alarm condition.		
Raising condition: (('Outstanding Alarms'anyBit'Signal Degradation') AND ('Report Alarms'anyBit'Signal Degradation'))		
Clearing condition: NOT (('Outstanding Alarms'anyBit'Signal Degradation') AND ('Report Alarms'anyBit'Signal Degradation'))		
Remedial action: Informational only.		

Table 16-49 DS1E1SignalFailure

Alarm	Attributes	Applicable major releases
Name: DS1E1SignalFailure (501) Type: communicationsAlarm (4) Package: tdmequipment Raised on class: tdmequipment.DS1E1ChannelSpecifics	Severity: major Implicitly cleared: true Default probable cause: signalFailure (387)	<ul style="list-style-type: none"> • 5.0 • 6.1 • 6.2
Description: The alarm is raised when an NE reports that a specific DS1 or E1 channel has an SF alarm condition.		
Raising condition: (('Outstanding Alarms'anyBit'Signal Failure') AND ('Report Alarms'anyBit'Signal Failure'))		
Clearing condition: NOT (('Outstanding Alarms'anyBit'Signal Failure') AND ('Report Alarms'anyBit'Signal Failure'))		
Remedial action: Informational only.		

Table 16-50 DS3E3AlarmIndicationSignal

Alarm	Attributes	Applicable major releases
Name: DS3E3AlarmIndicationSignal (115) Type: communicationsAlarm (4) Package: tdmequipment Raised on class: tdmequipment.DS3E3ChannelSpecifics	Severity: major Implicitly cleared: true Default probable cause: alarmIndicationSignal (96)	<ul style="list-style-type: none"> • 5.0 • 6.1 • 6.2
Description: The alarm is raised when an NE reports that a specific DS3 or E3 channel has an AIS alarm condition.		
Raising condition: (('Outstanding Alarms'anyBit'Alarm Indication Signal') AND ('Report Alarms'anyBit'Alarm Indication Signal'))		
Clearing condition: NOT (('Outstanding Alarms'anyBit'Alarm Indication Signal') AND ('Report Alarms'anyBit'Alarm Indication Signal'))		
Remedial action: Informational only.		

Table 16-51 DS3E3Looped

Alarm	Attributes	Applicable major releases
Name: DS3E3Looped (120) Type: communicationsAlarm (4) Package: tdmequipment Raised on class: tdmequipment.DS3E3ChannelSpecifics	Severity: major Implicitly cleared: true Default probable cause: farEndLoopback (102)	<ul style="list-style-type: none"> • 5.0 • 6.1 • 6.2
Description: The alarm is raised when an NE reports that a specific DS3 or E3 channel has a remote loopback alarm condition.		
Raising condition: (('Outstanding Alarms'anyBit'Far end wants the near end to loopback') AND ('Report Alarms'anyBit'Far end wants the near end to loopback'))		
Clearing condition: NOT (('Outstanding Alarms'anyBit'Far end wants the near end to loopback') AND ('Report Alarms'anyBit'Far end wants the near end to loopback'))		
Remedial action: Informational only.		

Table 16-52 DS3E3LossOfSignal

Alarm	Attributes	Applicable major releases
Name: DS3E3LossOfSignal (116) Type: communicationsAlarm (4) Package: tdmequipment Raised on class: tdmequipment.DS3E3ChannelSpecifics	Severity: major Implicitly cleared: true Default probable cause: lossOfSignal (99)	<ul style="list-style-type: none"> • 5.0 • 6.1 • 6.2
Description: The alarm is raised when an NE reports that a specific DS3 or E3 channel has an LOS alarm condition.		
Raising condition: (('Outstanding Alarms'anyBit'Loss of Signal') AND ('Report Alarms'anyBit'Loss of Signal'))		
Clearing condition: NOT (('Outstanding Alarms'anyBit'Loss of Signal') AND ('Report Alarms'anyBit'Loss of Signal'))		

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Alarm	Attributes	Applicable major releases
Remedial action: Informational only.		

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Table 16-53 DS3E3OutOfFrame

Alarm	Attributes	Applicable major releases
Name: DS3E3OutOfFrame (117) Type: communicationsAlarm (4) Package: tdmequipment Raised on class: tdmequipment.DS3E3ChannelSpecifics	Severity: major Implicitly cleared: true Default probable cause: outOfFrame (100)	<ul style="list-style-type: none"> • 5.0 • 6.1 • 6.2
Description: The alarm is raised when an NE reports that a specific DS3 or E3 channel has an OOF alarm condition.		
Raising condition: (('Outstanding Alarms'anyBit'Out Of Frame') AND ('Report Alarms'anyBit'Out Of Frame'))		
Clearing condition: NOT (('Outstanding Alarms'anyBit'Out Of Frame') AND ('Report Alarms'anyBit'Out Of Frame'))		
Remedial action: Informational only.		

Table 16-54 DS3E3ResourceAvailability

Alarm	Attributes	Applicable major releases
Name: DS3E3ResourceAvailability (119) Type: communicationsAlarm (4) Package: tdmequipment Raised on class: tdmequipment.DS3E3ChannelSpecifics	Severity: major Implicitly cleared: true Default probable cause: resourceAvailabilityIndicator (98)	<ul style="list-style-type: none"> • 5.0 • 6.1 • 6.2
Description: The alarm is raised when an NE reports that a specific DS3 or E3 channel has an RAI alarm condition.		
Raising condition: (('Outstanding Alarms'anyBit'Resource Availability Indicator') AND ('Report Alarms'anyBit'Resource Availability Indicator'))		
Clearing condition: NOT (('Outstanding Alarms'anyBit'Resource Availability Indicator') AND ('Report Alarms'anyBit'Resource Availability Indicator'))		
Remedial action: Informational only.		

Table 16-55 EfmOamAlarm

Alarm	Attributes	Applicable major releases
Name: EfmOamAlarm (4617) Type: equipmentAlarm (3) Package: ethernetequipment Raised on class: ethernetequipment.Dot3Oam	Severity: minor Implicitly cleared: true Default probable cause: EFMOAMOperationalStateOutOfService (1886)	<ul style="list-style-type: none"> • 5.0 • 6.1 • 6.2
Description: The alarm is raised when EFM Ignore status is Enabled, and Physical port Administrative State is Down.		
Raising condition: ('Ignore EFM State' EQUAL 'true')		
Clearing condition: ('Ignore EFM State' EQUAL 'true')		
Remedial action: The alarm is raised when EFM Ignore status is Enabled, and Physical port Administrative State is Down.		

Table 16-56 EquipmentAdministrativelyDown

Alarm	Attributes	Applicable major releases
Name: EquipmentAdministrativelyDown (455) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.Equipment	Severity: minor Implicitly cleared: true Default probable cause: equipmentAdministrativelyDown (326)	<ul style="list-style-type: none"> • 5.0 • 6.1 • 6.2
Description: The alarm is raised when the compositeEquipmentState attribute has a value of equipmentAdministrativelyDown.		
Raising condition: ('compositeEquipmentState' EQUAL 'Admin Down')		
Clearing condition: ('compositeEquipmentState' NOT EQUAL 'Admin Down')		
Remedial action: Informational - no corrective action required.		

Table 16-57 EquipmentDown

Alarm	Attributes	Applicable major releases
Name: EquipmentDown (10) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.Equipment	Severity: major Implicitly cleared: true Default probable cause: inoperableEquipment (8)	<ul style="list-style-type: none"> • 5.0 • 6.1 • 6.2
Description: The alarm is raised when the compositeEquipmentState attribute has a value of equipmentOperationallyDown.		
Raising condition: ('compositeEquipmentState' EQUAL 'Oper Down')		
Clearing condition: ('compositeEquipmentState' NOT EQUAL 'Oper Down')		
Remedial action: This alarm indicates that a card in the NE has failed. The card must be replaced.		

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Table 16-58 EquipmentFailure

Alarm	Attributes	Applicable major releases
Name: EquipmentFailure (145) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.ReplaceableUnit	Severity: critical Implicitly cleared: true Default probable cause: cardFailure (123)	<ul style="list-style-type: none"> • 5.0 • 6.1 • 6.2
Description: The alarm is raised when a control processor or power-supply tray reports a failure. When the object type is ControlProcessor, a CPM may be unable to boot. When the object type is Power Supply Tray and the alarm is raised during device discovery, a power-supply tray may be out of service. When the object type is a Power Supply Tray and the device is in the managed state, a power-supply tray may be out of service or the AC power shelf has a fault condition. The alarm clears when the status changes to OK.		
Raising condition: ('operationalState' EQUAL 'Failed')		
Clearing condition: ('operationalState' NOT EQUAL 'Failed')		
Remedial action: If the alarm indicates that the CPM card has a fault, remove the card and reset it. If this does not clear the alarm then please contact Alcatel-Lucent support for assistance. If the alarm indicates that the Power Supply tray is out of service ensure that the NE is properly connected to power. If the problem persists please contact Alcatel-Lucent support for assistance.		

Table 16-59 EquipmentInTest

Alarm	Attributes	Applicable major releases
Name: EquipmentInTest (11) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.Equipment	Severity: warning Implicitly cleared: true Default probable cause: equipmentInTest (9)	<ul style="list-style-type: none"> • 5.0 • 6.1 • 6.2
Description: The alarm is raised when equipment enters a diagnostic state.		
Raising condition: ('compositeEquipmentState' EQUAL 'In Test')		
Clearing condition: ('compositeEquipmentState' NOT EQUAL 'In Test')		
Remedial action: Informational - no corrective action required.		

Table 16-60 EquipmentMismatch

Alarm	Attributes	Applicable major releases
Name: EquipmentMismatch (9) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.Equipment	Severity: major Implicitly cleared: true Default probable cause: equipmentTypeMismatch (7)	<ul style="list-style-type: none"> • 5.0 • 6.1 • 6.2
Description: The alarm is raised when the compositeEquipmentState attribute has a value of equipmentMismatch.		
Raising condition: ('compositeEquipmentState' EQUAL 'Type Mismatch')		
Clearing condition: ('compositeEquipmentState' NOT EQUAL 'Type Mismatch')		

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Alarm	Attributes	Applicable major releases
Remedial action: A configuration error has occurred which must be corrected. The card type configured for the slot identified in the alarm must match the installed card type.		

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Table 16-61 EquipmentRemoved

Alarm	Attributes	Applicable major releases
Name: EquipmentRemoved (8) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.Equipment	Severity: major Implicitly cleared: true Default probable cause: replaceableEquipmentRemoved (6)	<ul style="list-style-type: none"> • 5.0 • 6.1 • 6.2
Description: The alarm is raised when the compositeEquipmentState attribute has a value of equipmentMissing.		
Raising condition: (((('isEquipped' EQUAL 'false') OR ('compositeEquipmentState' EQUAL 'Removed')) AND ('isEquipmentInserted' EQUAL 'true')))		
Clearing condition: (('compositeEquipmentState' NOT EQUAL 'Removed') AND ('isEquipped' EQUAL 'true'))		
Remedial action: Informational - this alarm is raised when a card is removed.		

Table 16-62 EthernetPortConfiguredLoopback

Alarm	Attributes	Applicable major releases
Name: EthernetPortConfiguredLoopback (801) Type: configurationAlarm (11) Package: ethernetequipment Raised on class: ethernetequipment.EthernetPortSpecifics	Severity: warning Implicitly cleared: true Default probable cause: ethernetPortConfiguredLoopback (567)	<ul style="list-style-type: none"> • 5.0 • 6.1 • 6.2
Description: The alarm is raised when a timed loopback is in effect for an Ethernet port.		
Raising condition: (('Type' NOT EQUAL 'None'))		
Clearing condition: (('Type' EQUAL 'None'))		
Remedial action: This alarm has been raised by the node because "Timed Loopback" option of the specific port's Ethernet property has been enabled. To resolve this problem from "Ethernet" tab of "Physical Port" properties form configure "Timed Loopback" Type property as "None".		

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Table 16-63 EthernetPortDuplicateLane

Alarm	Attributes	Applicable major releases
Name: EthernetPortDuplicateLane (3557) Type: communicationsAlarm (4) Package: ethernetequipment Raised on class: ethernetequipment.EthernetPortSpecifics	Severity: major Implicitly cleared: true Default probable cause: DuplicateLane (1387)	<ul style="list-style-type: none"> • 5.0 • 6.1 • 6.2
Description: The alarm is raised when a device reports a Duplicate Lane on an Ethernet port.		
Raising condition: (('Outstanding Alarms'anyBit'Duplicate Lane') AND ('Report Alarms'anyBit'Duplicate Lane'))		
Clearing condition: NOT (('Outstanding Alarms'anyBit'Duplicate Lane') AND ('Report Alarms'anyBit'Duplicate Lane'))		
Remedial action: One of the following conditions exists on the referenced physical interface which must be corrected. A cable/fiber fault exists which must be corrected - check to ensure that the cable is not faulty and is properly connected. The port is faulty - run diagnostics on the port to determine the nature of the fault. If the problem cannot be resolved swap the card containing the port with a card which is known be functional.		

Table 16-64 EthernetPortHighBer

Alarm	Attributes	Applicable major releases
Name: EthernetPortHighBer (307) Type: communicationsAlarm (4) Package: ethernetequipment Raised on class: ethernetequipment.EthernetPortSpecifics	Severity: major Implicitly cleared: true Default probable cause: HighBer (238)	<ul style="list-style-type: none"> • 5.0 • 6.1 • 6.2
Description: The alarm is raised when a device reports a high bit-error rate on an Ethernet port.		
Raising condition: (('Outstanding Alarms'anyBit'High Bit Error Rate') AND ('Report Alarms'anyBit'High Bit Error Rate'))		
Clearing condition: NOT (('Outstanding Alarms'anyBit'High Bit Error Rate') AND ('Report Alarms'anyBit'High Bit Error Rate'))		
Remedial action: One of the following conditions exists on the physical interface which must be corrected. A cable/fiber fault exists which must be corrected - check to ensure that the cable is not faulty and is properly connected. The port is faulty - run diagnostics on the port to determine the nature of the fault.		

Table 16-65 EthernetPortLocalFault

Alarm	Attributes	Applicable major releases
Name: EthernetPortLocalFault (305) Type: communicationsAlarm (4) Package: ethernetequipment Raised on class: ethernetequipment.EthernetPortSpecifics	Severity: major Implicitly cleared: true Default probable cause: LocalFault (236)	<ul style="list-style-type: none"> • 5.0 • 6.1 • 6.2
Description: The alarm is raised when a device reports a local fault on an Ethernet port.		
Raising condition: (('Outstanding Alarms'anyBit'Local Fault') AND ('Report Alarms'anyBit'Local Fault'))		

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Alarm	Attributes	Applicable major releases
Clearing condition: NOT (((('Outstanding Alarms'anyBit'Local Fault') AND ('Report Alarms'anyBit'Local Fault'))))		
Remedial action: One of the following conditions exists on the physical interface which must be corrected. A cable/fiber fault exists which must be corrected - check to ensure that the cable is not faulty and is properly connected. The port is faulty - run diagnostics on the port to determine the nature of the fault.		

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Table 16-66 EthernetPortNoAmLock

Alarm	Attributes	Applicable major releases
Name: EthernetPortNoAmLock (3558) Type: communicationsAlarm (4) Package: ethernetequipment Raised on class: ethernetequipment.EthernetPortSpecifics	Severity: major Implicitly cleared: true Default probable cause: NoAmLock (1388)	<ul style="list-style-type: none"> • 5.0 • 6.1 • 6.2
Description: The alarm is raised when a device reports a No Am Lock on an Ethernet port.		
Raising condition: (('Outstanding Alarms'anyBit'No AM Lock') AND ('Report Alarms'anyBit'No AM Lock'))		
Clearing condition: NOT (((('Outstanding Alarms'anyBit'No AM Lock') AND ('Report Alarms'anyBit'No AM Lock'))))		
Remedial action: One of the following conditions exists on the referenced physical interface which must be corrected. A cable/fiber fault exists which must be corrected - check to ensure that the cable is not faulty and is properly connected. The port is faulty - run diagnostics on the port to determine the nature of the fault. If the problem cannot be resolved swap the card containing the port with a card which is known be functional.		

Table 16-67 EthernetPortNoBlockLock

Alarm	Attributes	Applicable major releases
Name: EthernetPortNoBlockLock (3559) Type: communicationsAlarm (4) Package: ethernetequipment Raised on class: ethernetequipment.EthernetPortSpecifics	Severity: major Implicitly cleared: true Default probable cause: NoBlockLock (1389)	<ul style="list-style-type: none"> • 5.0 • 6.1 • 6.2
Description: The alarm is raised when a device reports a No Block Lock on an Ethernet port.		
Raising condition: (('Outstanding Alarms'anyBit'No Block Lock') AND ('Report Alarms'anyBit'No Block Lock'))		
Clearing condition: NOT (((('Outstanding Alarms'anyBit'No Block Lock') AND ('Report Alarms'anyBit'No Block Lock'))))		
Remedial action: One of the following conditions exists on the referenced physical interface which must be corrected. A cable/fiber fault exists which must be corrected - check to ensure that the cable is not faulty and is properly connected. The port is faulty - run diagnostics on the port to determine the nature of the fault. If the problem cannot be resolved swap the card containing the port with a card which is known be functional.		

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Table 16-68 EthernetPortNoFrameLock

Alarm	Attributes	Applicable major releases
Name: EthernetPortNoFrameLock (306) Type: communicationsAlarm (4) Package: ethernetequipment Raised on class: ethernetequipment.EthernetPortSpecifics	Severity: major Implicitly cleared: true Default probable cause: NoFrameLock (237)	<ul style="list-style-type: none"> • 5.0 • 6.1 • 6.2
Description: The alarm is raised when a device reports No Frame Lock on an Ethernet port.		
Raising condition: (('Outstanding Alarms'anyBit'No Frame Lock') AND ('Report Alarms'anyBit'No Frame Lock'))		
Clearing condition: NOT (('Outstanding Alarms'anyBit'No Frame Lock') AND ('Report Alarms'anyBit'No Frame Lock'))		
Remedial action: One of the following conditions exists on the physical interface which must be corrected. A cable/fiber fault exists which must be corrected - check to ensure that the cable is not faulty and is properly connected. The port is faulty - run diagnostics on the port to determine the nature of the fault.		

Table 16-69 EthernetPortRemoteFault

Alarm	Attributes	Applicable major releases
Name: EthernetPortRemoteFault (304) Type: communicationsAlarm (4) Package: ethernetequipment Raised on class: ethernetequipment.EthernetPortSpecifics	Severity: major Implicitly cleared: true Default probable cause: RemoteFault (235)	<ul style="list-style-type: none"> • 5.0 • 6.1 • 6.2
Description: The alarm is raised when a device reports a remote fault on an Ethernet port.		
Raising condition: (('Outstanding Alarms'anyBit'Remote Fault') AND ('Report Alarms'anyBit'Remote Fault'))		
Clearing condition: NOT (('Outstanding Alarms'anyBit'Remote Fault') AND ('Report Alarms'anyBit'Remote Fault'))		
Remedial action: One of the following conditions exists on the remote physical interface which must be corrected. A cable/fiber fault exists which must be corrected - check to ensure that the cable is not faulty and is properly connected. The port is faulty - run diagnostics on the port to determine the nature of the fault.		

Table 16-70 EthernetPortSignalFailure

Alarm	Attributes	Applicable major releases
Name: EthernetPortSignalFailure (303) Type: communicationsAlarm (4) Package: ethernetequipment Raised on class: ethernetequipment.EthernetPortSpecifics	Severity: major Implicitly cleared: true Default probable cause: SignalFailure (234)	<ul style="list-style-type: none"> • 5.0 • 6.1 • 6.2
Description: The alarm is raised when a device reports a signal failure on an Ethernet port.		
Raising condition: (('Outstanding Alarms'anyBit'Signal Failure') AND ('Report Alarms'anyBit'Signal Failure'))		

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Alarm	Attributes	Applicable major releases
Clearing condition: NOT (((('Outstanding Alarms'anyBit'Signal Failure') AND ('Report Alarms'anyBit'Signal Failure'))))		
Remedial action: One of the following conditions exists on the physical interface which must be corrected. A cable/fiber fault exists which must be corrected - check to ensure that the cable is not faulty and is properly connected. The port is faulty - run diagnostics on the port to determine the nature of the fault.		

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Table 16-71 ExternalTimingReferenceNotQualified

Alarm	Attributes	Applicable major releases
Name: ExternalTimingReferenceNotQualified (548) Type: communicationsAlarm (4) Package: sonet Raised on class: sonet.SiteSync	Severity: minor Implicitly cleared: true Default probable cause: timingReferenceNotQualified (418)	<ul style="list-style-type: none"> • 5.0 • 6.1 • 6.2
Description: The alarm is raised when the External timing reference on an NE is not in the Qualified state.		
Raising condition: (('Qualified For Use' EQUAL 'Not Qualified') AND ('Administrative State' NOT EQUAL 'Down'))		
Clearing condition: (('Qualified For Use' NOT EQUAL 'Not Qualified') OR ('Administrative State' EQUAL 'Down'))		
Remedial action: Informational		

Table 16-72 ForwardingTableSizeLimitReached

Alarm	Attributes	Applicable major releases
Name: ForwardingTableSizeLimitReached (164) Type: resourceAlarm (28) Package: I2fwd Raised on class: I2fwd.SiteFib	Severity: major Implicitly cleared: true Default probable cause: resourceLimitReached (131)	<ul style="list-style-type: none"> • 5.0 • 6.1 • 6.2
Description: The alarm is raised when the number of MAC address entries in the FIB reaches or exceeds the VPLS site high watermark specified by I2fwd.SiteFib.highWatermark. The alarm clears when the number of MAC address entries in the FIB drops below the VPLS site low watermark specified by I2fwd.SiteFib.lowWatermark. The alarm can be raised against a VPLS site, L2 access interface, or spoke SDP binding.		
Raising condition: (('Entries' >= 'Size') OR ('Entries' >= (('High Watermark' * 'Size') / 100.0)))		
Clearing condition: (('Entries' < 'Size') AND (('High Watermark' EQUAL '0L') OR ('Entries' < (('Low Watermark' * 'Size') / 100.0))) AND (('Low Watermark' EQUAL '0L') OR ('Entries' < (('Low Watermark' * 'Size') / 100.0)))		
Remedial action: Informational		

Table 16-73 FrameSizeProblem (netw)

Alarm	Attributes	Applicable major releases
Name: FrameSizeProblem (37) Type: configurationAlarm (11) Package: netw Raised on class: netw.StatefullConnectableInterface	Severity: critical Implicitly cleared: true Default probable cause: frameSizeProblem (33)	<ul style="list-style-type: none"> • 5.0 • 6.1 • 6.2
Description: The alarm is raised when a provisioned MTU size value is greater than the supported MTU size value.		
Raising condition: (('mtuMismatch' EQUAL 'true') AND ('portId' NOT EQUAL '0L'))		
Clearing condition: (('mtuMismatch' EQUAL 'false') OR ('portId' EQUAL '0L'))		
Remedial action: A configuration error has been made which must be corrected. The MTU value must be changed such that is less than or equal to the supported MTU size value.		

Table 16-74 FrameSizeProblem (svt)

Alarm	Attributes	Applicable major releases
Name: FrameSizeProblem (37) Type: configurationAlarm (11) Package: svt Raised on class: svt.SdpBinding	Severity: critical Implicitly cleared: true Default probable cause: frameSizeProblem (33)	<ul style="list-style-type: none"> • 5.0 • 6.1 • 6.2
Description: The alarm is raised when a provisioned MTU size value is greater than the supported MTU size value.		
Raising condition: (('Operational State' EQUAL 'MTU Mismatch') OR ('Operational State' EQUAL 'Tunnel MTU Too Small'))		
Clearing condition: (('Operational State' NOT EQUAL 'MTU Mismatch') AND ('Operational State' NOT EQUAL 'Tunnel MTU Too Small'))		
Remedial action: The MTU value must be changed such that is is less than or equal to the supported MTU size value.		

Table 16-75 FWSessionExceededAlarm

Alarm	Attributes	Applicable major releases
Name: FWSessionExceededAlarm (4619) Type: firewallAlarm (128) Package: firewall Raised on class: firewall.Site	Severity: critical Implicitly cleared: true Default probable cause: FWMaxSessionExceeded (1889)	<ul style="list-style-type: none"> • 5.0 • 6.1 • 6.2
Description: The alarm is raised when Max Sessions for firewall is exceeded.		
Raising condition: (('Total Sessions' EQUAL '10000'))		
Clearing condition: (('Total Sessions' NOT EQUAL '10000'))		
Remedial action: Please reduce the number of currently running sessions on Firewall.		

Table 16-76 GaPeerDown

Alarm	Attributes	Applicable major releases
Name: GaPeerDown (3303) Type: EpcAlarm (59) Package: Iteggnsn Raised on class: Iteggnsn.GaPeer	Severity: major Implicitly cleared: true Default probable cause: EPSPeerDown (602)	<ul style="list-style-type: none"> • 5.0 • 6.1 • 6.2
Description: The alarm is raised when the path management state of a Ga peer changes to a state other than Up.		
Raising condition: ('Path Management State' NOT EQUAL 'Active')		
Clearing condition: ('Path Management State' EQUAL 'Active')		
Remedial action: A Ga reference point (peer) is operationally down for one of the following reasons: the underlying IP or physical interface is down, the far end peer is down or the underlying transport between this NE and the peer NE is down. To resolve the issue ensure that the IP/physical interface is up, check that the far end peer is operational and check that the underlying transport network is up.		

Table 16-77 GroupDown

Alarm	Attributes	Applicable major releases
Name: GroupDown (69) Type: ProtocolAlarm (1) Package: rip Raised on class: rip.Group	Severity: critical Implicitly cleared: true Default probable cause: protocolDown (1)	<ul style="list-style-type: none"> • 6.1 • 6.2
Description: The alarm is raised when a RIP group has an Operational State other than Up, and the Administrative State is Up.		
Raising condition: (('administrativeState' EQUAL 'Up') AND ('operationalState' NOT EQUAL 'Up'))		
Clearing condition: (('operationalState' EQUAL 'Up') OR ('administrativeState' NOT EQUAL 'Up'))		
Remedial action: The RIP Group is down while it is administratively up. Please check RIP related configuration e.g., the RIP is not shutdown.		

Table 16-78 IgmpDown

Alarm	Attributes	Applicable major releases
Name: IgmpDown (158) Type: ProtocolAlarm (1) Package: igmp Raised on class: igmp.Site	Severity: critical Implicitly cleared: true Default probable cause: protocolDown (1)	<ul style="list-style-type: none"> • 6.1 • 6.2
Description: The alarm is raised when an IGMP site has an Operational State other than Up, and the Administrative State is Up.		
Raising condition: (('Administrative State' EQUAL 'Up') AND ('Operational State' NOT EQUAL 'Up'))		
Clearing condition: (('Operational State' EQUAL 'Up') OR ('Administrative State' NOT EQUAL 'Up'))		
Remedial action: While configured under VPRN, check if VPRN site is admin down, or if route distinguisher is not configured.		

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Table 16-79 IncompleteConfiguration

Alarm	Attributes	Applicable major releases
Name: IncompleteConfiguration (1942) Type: operationalViolation (93) Package: netw Raised on class: netw.NetworkElement	Severity: warning Implicitly cleared: true Default probable cause: incompleteConfig (225)	<ul style="list-style-type: none"> • 5.0 • 6.1 • 6.2
Description: The alarm is raised when a pre-provisioned NE has no objects configured beneath it.		
Raising condition: (('State' EQUAL 'Pre-provisioned') AND ('eNodeB Equipment' EQUAL '\'))		
Clearing condition: (('State' EQUAL 'Pre-provisioned') AND ('eNodeB Equipment' NOT EQUAL '\'))		
Remedial action: A configuration error has been made which must be corrected. The configuration of the pre-provisioned NE is incomplete. A work order was not associated with the pre-provisioned NE and as a consequence the attempt to auto-configure the NE failed.		

Table 16-80 InstanceDown (vrrp)

Alarm	Attributes	Applicable major releases
Name: InstanceDown (284) Type: configurationAlarm (11) Package: vrrp Raised on class: vrrp.AbstractInstance	Severity: major Implicitly cleared: true Default probable cause: instanceDown (216)	<ul style="list-style-type: none"> • 6.1 • 6.2
Description: The alarm is raised when the 5620 SAM detects that a VRRP instance is operationally down.		
Raising condition: (('Administrative State' EQUAL 'Up') AND ('Operational State' NOT EQUAL 'Up'))		
Clearing condition: (('Operational State' EQUAL 'Up') OR ('Administrative State' NOT EQUAL 'Up'))		
Remedial action: Check the instance configuration		

Table 16-81 InterfaceDown (netw)

Alarm	Attributes	Applicable major releases
Name: InterfaceDown (36) Type: InterfaceAlarm (13) Package: netw Raised on class: netw.StatefullConnectableInterface	Severity: critical Implicitly cleared: true Default probable cause: interfaceDown (32)	<ul style="list-style-type: none"> • 5.0 • 6.1 • 6.2
Description: The alarm is raised when an interface or underlying resource fails, as indicated by an interface compositeState attribute value of failed or underlyingResourceFailed.		
Raising condition: (('compositeState' EQUAL 'Inoperable') OR ('compositeState' EQUAL 'Underlying Resource Inoperable'))		
Clearing condition: (('compositeState' NOT EQUAL 'Inoperable') AND ('compositeState' NOT EQUAL 'Underlying Resource Inoperable'))		

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Alarm	Attributes	Applicable major releases
Remedial action: A physical port (physical interface, LAG, channel) associated with the network interface in not operation. Ensure that the interface is cabled and that there is not a configuration error (i.e. MTU size set incorrectly) on the interface. Once the issue w		

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Table 16-82 IPSeclsGrpDown

Alarm	Attributes	Applicable major releases
Name: IPSeclsGrpDown (3745) Type: equipmentAlarm (3) Package: isa Raised on class: isa.IPSeclsGroup	Severity: major Implicitly cleared: true Default probable cause: IPSeclsGrpDown (1480)	<ul style="list-style-type: none"> • 6.1 • 6.2
Description: The alarm is raised when the Operational State of an ISA IPsec group is Down and the Administrative State is Up.		
Raising condition: (('administrativeState' EQUAL 'Up') AND ('operationalState' NOT EQUAL 'Up'))		
Clearing condition: (('operationalState' EQUAL 'Up') OR ('administrativeState' NOT EQUAL 'Up'))		
Remedial action: The operational state of the ISA-Tunnel Group is down, despite the administrative state being up. Check that the configured ISA-Tunnel Group Member MDA(s) are active and operationally up. There may be a fault with the ISA Application IPsec(Tunnel) Group.		

Table 16-83 IPsecTunnelBfdConnectionBroken

Alarm	Attributes	Applicable major releases
Name: IPsecTunnelBfdConnectionBroken (831) Type: serviceAlarm (16) Package: ipsec Raised on class: ipsec.IPsecTunnelBfd	Severity: minor Implicitly cleared: true Default probable cause: bfdSessionConnectionBroken (593)	<ul style="list-style-type: none"> • 6.1 • 6.2
Description: The alarm is raised when the BFD connection to a peer times out.		
Raising condition: ('Operational State' EQUAL 'Timed Out')		
Clearing condition: ('Operational State' NOT EQUAL 'Timed Out')		
Remedial action: Check if the route to the BFD peer exist and is up.		

Table 16-84 IPSecTunnelBfdConnectionDown

Alarm	Attributes	Applicable major releases
Name: IPSecTunnelBfdConnectionDown (832) Type: serviceAlarm (16) Package: ipsec Raised on class: ipsec.IPSecTunnelBfd	Severity: minor Implicitly cleared: true Default probable cause: bfdSessionDown (346)	<ul style="list-style-type: none"> • 6.1 • 6.2
Description: The alarm is raised when the Operational State of a BFD session is Not Connected.		
Raising condition: ('Operational State' NOT EQUAL 'Operational')		
Clearing condition: ('Operational State' EQUAL 'Operational')		
Remedial action: Check if the route to the BFD peer exist and is up.		

Table 16-85 IPSecTunnelBfdConnectionPeerDetectsDown

Alarm	Attributes	Applicable major releases
Name: IPSecTunnelBfdConnectionPeerDetectsDown (833) Type: serviceAlarm (16) Package: ipsec Raised on class: ipsec.IPSecTunnelBfd	Severity: minor Implicitly cleared: true Default probable cause: bfdSessionConnectionPeerDetectsDown (594)	<ul style="list-style-type: none"> • 6.1 • 6.2
Description: The alarm is raised when a BFD peer detects a connection timeout.		
Raising condition: ('Operational State' EQUAL 'Down')		
Clearing condition: ('Operational State' NOT EQUAL 'Down')		
Remedial action: Check if the route to the BFD peer exist and is up.		

Table 16-86 IPSecTunnelDown

Alarm	Attributes	Applicable major releases
Name: IPSecTunnelDown (834) Type: serviceAlarm (16) Package: ipsec Raised on class: ipsec.IPSecTunnel	Severity: major Implicitly cleared: true Default probable cause: tunnelDown (23)	<ul style="list-style-type: none"> • 6.1 • 6.2
Description: The alarm is raised when the IPsec tunnel operational state changes to 'down' and the administrative state is 'up'.		
Raising condition: (('Operational State' NOT EQUAL 'Up') AND ('Administrative State' EQUAL 'Up'))		
Clearing condition: (('Operational State' EQUAL 'Up') OR ('Administrative State' NOT EQUAL 'Up'))		
Remedial action: Fix the errors indicated in operational flag.		

Table 16-87 IsisAdjacencyDown

Alarm	Attributes	Applicable major releases
Name: IsisAdjacencyDown (153) Type: adjacencyAlarm (31) Package: isis Raised on class: isis.Interface	Severity: minor Implicitly cleared: true Default probable cause: IsisInterfaceDown (232)	<ul style="list-style-type: none"> • 5.0 • 6.1 • 6.2
Description: The alarm is raised when an IS-IS interface has no adjacencies, for example, because the IS-IS protocol on the remote site is down.		
Raising condition: (('Adjacency Count' EQUAL '0L') AND ('interfaceClass' NOT EQUAL 'System') AND ('Passive' NOT EQUAL 'True'))		
Clearing condition: (('Adjacency Count' > '0L') OR ('Passive' EQUAL 'True'))		
Remedial action: Check remote site to see if corresponding IS-IS interface is configured and admin up.		

Table 16-88 IsisDown

Alarm	Attributes	Applicable major releases
Name: IsisDown (19) Type: ProtocolAlarm (1) Package: isis Raised on class: isis.Site	Severity: critical Implicitly cleared: true Default probable cause: protocolDown (1)	<ul style="list-style-type: none"> • 5.0 • 6.1 • 6.2
Description: The alarm is raised when an IS-IS site has an Operational State other than Up, and the Administrative State is Up.		
Raising condition: (('Administrative State' EQUAL 'Up') AND ('Operational State' NOT EQUAL 'Up'))		
Clearing condition: (('Operational State' EQUAL 'Up') OR ('Administrative State' NOT EQUAL 'Up'))		
Remedial action: The protocol is not working anymore, could be a problem with IP addresses, resources on the device, ...		

Table 16-89 IsisInterfaceDown

Alarm	Attributes	Applicable major releases
Name: IsisInterfaceDown (301) Type: ProtocolAlarm (1) Package: isis Raised on class: isis.Interface	Severity: warning Implicitly cleared: true Default probable cause: protocolDown (1)	<ul style="list-style-type: none"> • 5.0 • 6.1 • 6.2
Description: The alarm is raised when an IS-IS interface has an Operational State other than Up.		
Raising condition: ('Operational State' EQUAL 'Down')		
Clearing condition: ('Operational State' NOT EQUAL 'Down')		
Remedial action: Check if underlying port is down, or associated network interface is down.		

Table 16-90 KeepAliveProblem

Alarm	Attributes	Applicable major releases
Name: KeepAliveProblem (100) Type: oamAlarm (18) Package: svt Raised on class: svt.Tunnel	Severity: warning Implicitly cleared: true Default probable cause: keepAliveFailed (86)	<ul style="list-style-type: none"> • 5.0 • 6.1 • 6.2
Description: The alarm is raised when the 5620 SAM detects a keep-alive protocol status of senderIdInvalid or responderIdError.		
Raising condition: (('Keep-Alive State' NOT EQUAL 'Disabled') AND ('Keep-Alive State' NOT EQUAL 'Alive') AND ('Keep-Alive State' NOT EQUAL 'Unknown'))		
Clearing condition: (('Keep-Alive State' EQUAL 'Disabled') OR ('Keep-Alive State' EQUAL 'Alive') OR ('Keep-Alive State' EQUAL 'Unknown'))		
Remedial action: Check the configuration of this tunnel and underlying physical transport.		

Table 16-91 LabelProblem

Alarm	Attributes	Applicable major releases
Name: LabelProblem (98) Type: CircuitAlarm (17) Package: svt Raised on class: svt.SdpBinding	Severity: critical Implicitly cleared: true Default probable cause: labelProblem (84)	<ul style="list-style-type: none"> • 5.0 • 6.1 • 6.2
Description: The alarm is raised when an ingress or an egress label is missing.		
Raising condition: (('Operational State' EQUAL 'No Egress Label') OR ('Operational State' EQUAL 'No Ingress Label') OR ('Operational State' EQUAL 'No Labels'))		
Clearing condition: (('Operational State' NOT EQUAL 'No Egress Label') AND ('Operational State' NOT EQUAL 'No Ingress Label') AND ('Operational State' NOT EQUAL 'No Labels'))		
Remedial action: An ingress or egress label is missing for the SDP binding.		

Table 16-92 LagPortAddFailed

Alarm	Attributes	Applicable major releases
Name: LagPortAddFailed (422) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.PhysicalPort	Severity: warning Implicitly cleared: true Default probable cause: linkDown (315)	<ul style="list-style-type: none"> • 5.0 • 6.1 • 6.2
Description: The alarm is raised when the Lag Port Add function Fails.		
Raising condition: (('state' EQUAL 'Link Down') AND ('LAG ID' > '0'))		
Clearing condition: (('state' NOT EQUAL 'Link Down') OR ('LAG ID' EQUAL '0'))		
Remedial action: A configuration error has occurred which must be corrected. The link that was to be added to the LAG group may be of the wrong type (i.e. non ethernet) or the limit of the number of links supported in a LAG may have been reached.		

Table 16-93 LdpDown

Alarm	Attributes	Applicable major releases
Name: LdpDown (22) Type: ProtocolAlarm (1) Package: ldp Raised on class: ldp.Site	Severity: critical Implicitly cleared: true Default probable cause: protocolDown (1)	<ul style="list-style-type: none"> • 5.0 • 6.1 • 6.2
Description: The alarm is raised when an LDP site has an Operational State other than Up, and the Administrative State is Up.		
Raising condition: (('Administrative State' EQUAL 'Up') AND ('Operational State' NOT EQUAL 'Up'))		
Clearing condition: (('Operational State' EQUAL 'Up') OR ('Administrative State' NOT EQUAL 'Up'))		
Remedial action: Check operational state down reason and update accordingly.		

Table 16-94 LdpSessionNonexistent

Alarm	Attributes	Applicable major releases
Name: LdpSessionNonexistent (2954) Type: LdpSessionAlarm (101) Package: ldp Raised on class: ldp.Session	Severity: critical Implicitly cleared: true Default probable cause: LdpSessionDown (1149)	<ul style="list-style-type: none"> • 5.0 • 6.1 • 6.2
Description: The alarm is raised when an LDP session is non-existent.		
Raising condition: ('Session State' EQUAL 'Non-existent')		
Clearing condition: ('Session State' EQUAL 'Operational')		
Remedial action: Please check the LDP session path to make sure all associated protocols/interfaces/connections are OK.		

Table 16-95 LdpTargetedPeerDown

Alarm	Attributes	Applicable major releases
Name: LdpTargetedPeerDown (23) Type: ProtocolAlarm (1) Package: ldp Raised on class: ldp.TargetedPeer	Severity: critical Implicitly cleared: true Default probable cause: protocolDown (1)	<ul style="list-style-type: none"> • 5.0 • 6.1 • 6.2
Description: The alarm is raised when an LDP targeted peer is operationally down.		
Raising condition: (('administrativeState' EQUAL 'Up') AND ('operationalState' NOT EQUAL 'Up'))		
Clearing condition: (('operationalState' EQUAL 'Up') OR ('administrativeState' NOT EQUAL 'Up'))		
Remedial action: Please check the route to LDP targeted peer to make sure all associated protocols/interfaces/connections are OK.		

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Table 16-96 LicensedLimitExceeded

Alarm	Attributes	Applicable major releases
Name: LicensedLimitExceeded (127) Type: licensingAlarm (23) Package: security Raised on class: security.ProductLicense	Severity: critical Implicitly cleared: true Default probable cause: licensedLimitExceeded (106)	<ul style="list-style-type: none"> • 5.0 • 6.1 • 6.2
Description: The alarm is raised when the license items in the network exceeds 100 percent of the license capacity.		
Raising condition: ('Exceeded' EQUAL 'true')		
Clearing condition: ('Exceeded' NOT EQUAL 'true')		
Remedial action: Informational - The number of SAM licenses purchased and available on the SAM server is insufficient as compared to the number of NEs/MDA/Cells under management in the network. Please contact Alcatel-Lucent Sales to purchase additional licenses.		

Table 16-97 LineAlarmIndicationSignal

Alarm	Attributes	Applicable major releases
Name: LineAlarmIndicationSignal (84) Type: communicationsAlarm (4) Package: sonetequipment Raised on class: sonetequipment.SonetPortMonitorSpecifics	Severity: major Implicitly cleared: true Default probable cause: lineAlarmIndicationSignal (70)	<ul style="list-style-type: none"> • 5.0 • 6.1 • 6.2
Description: The alarm is raised when a SONET port reports an LAIS error. The alarm corresponds to the lais alarm on an NE.		
Raising condition: (('Outstanding Alarms'anyBit'Line Alarm Indication Signal') AND ('Report Alarms'anyBit'Line Alarm Indication Signal'))		
Clearing condition: NOT (('Outstanding Alarms'anyBit'Line Alarm Indication Signal') AND ('Report Alarms'anyBit'Line Alarm Indication Signal'))		
Remedial action: Informational only.		

Table 16-98 LineErrorCondition

Alarm	Attributes	Applicable major releases
Name: LineErrorCondition (94) Type: communicationsAlarm (4) Package: sonetequipment Raised on class: sonetequipment.SonetPortMonitorSpecifics	Severity: major Implicitly cleared: true Default probable cause: lineErrorCondition (80)	<ul style="list-style-type: none"> • 5.0 • 6.1 • 6.2
Description: The alarm is raised when a SONET port reports a line error condition that a remote NE raises because of b1 errors received from the local NE. The alarm corresponds to the Irei alarm on an NE.		
Raising condition: (('Outstanding Alarms'anyBit'Line Error Condition') AND ('Report Alarms'anyBit'Line Error Condition'))		

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Alarm	Attributes	Applicable major releases
Clearing condition: NOT (((('Outstanding Alarms'anyBit'Line Error Condition') AND ('Report Alarms'anyBit'Line Error Condition'))))		
Remedial action: Check the SONET port is configured correctly and that the physical layer cabling is operating correctly. Call customer support if necessary.		

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Table 16-99 LineRemoteDefectIndication

Alarm	Attributes	Applicable major releases
Name: LineRemoteDefectIndication (85) Type: communicationsAlarm (4) Package: sonetequipment Raised on class: sonetequipment.SonetPortMonitorSpecifics	Severity: major Implicitly cleared: true Default probable cause: lineRemoteDefectIndication (71)	<ul style="list-style-type: none"> • 5.0 • 6.1 • 6.2
Description: The alarm is raised when a SONET port reports a line remote defect indication error caused by an LOF, LOC, or LOS condition. The alarm corresponds to the Irdi alarm on an NE.		
Raising condition: (('Outstanding Alarms'anyBit'Line Remote Defect Indication') AND ('Report Alarms'anyBit'Line Remote Defect Indication'))		
Clearing condition: NOT (((('Outstanding Alarms'anyBit'Line Remote Defect Indication') AND ('Report Alarms'anyBit'Line Remote Defect Indication'))))		
Remedial action: Informational only.		

Table 16-100 LinkDown (equipment)

Alarm	Attributes	Applicable major releases
Name: LinkDown (12) Type: communicationsAlarm (4) Package: equipment Raised on class: equipment.Equipment	Severity: major Implicitly cleared: true Default probable cause: portLinkProblem (10)	<ul style="list-style-type: none"> • 5.0 • 6.1 • 6.2
Description: The alarm is raised when a port has no associated physical link or remote end point is operationally down.		
Raising condition: (('compositeEquipmentState' EQUAL 'Link Down') OR ('compositeEquipmentState' EQUAL 'Oper Down'))		
Clearing condition: (('compositeEquipmentState' NOT EQUAL 'Link Down') AND ('compositeEquipmentState' NOT EQUAL 'Oper Down'))		
Remedial action: Please make sure that port has physical link and remote end point is operationally up.		

Table 16-101 LossOfClock (sonetequipment)

Alarm	Attributes	Applicable major releases
Name: LossOfClock (83) Type: communicationsAlarm (4) Package: sonetequipment Raised on class: sonetequipment.SonetPortMonitorSpecifics	Severity: major Implicitly cleared: true Default probable cause: lossOfClock (69)	<ul style="list-style-type: none"> • 5.0 • 6.1 • 6.2
Description: The alarm is raised when a SONET port reports an LOC condition, which causes the NE to set the port Operational State to Down.		
Raising condition: (('Outstanding Alarms'anyBit'Loss of Clock') AND ('Report Alarms'anyBit'Loss of Clock'))		
Clearing condition: NOT (('Outstanding Alarms'anyBit'Loss of Clock') AND ('Report Alarms'anyBit'Loss of Clock'))		
Remedial action: One of the following conditions exists on the referenced physical interface which must be corrected. A cable/fiber fault exists which must be corrected - check to ensure that the cable is not faulty and is properly connected.		

Table 16-102 LowTemperatureDetected

Alarm	Attributes	Applicable major releases
Name: LowTemperatureDetected (1127) Type: environmentalAlarm (2) Package: equipment Raised on class: equipment.Shelf	Severity: major Implicitly cleared: true Default probable cause: equipmentOvercooled (838)	<ul style="list-style-type: none"> • 5.0 • 6.1 • 6.2
Description: The alarm is raised when the chassis temperature falls below the minimum threshold.		
Raising condition: ('Low Temperature State' EQUAL 'Low')		
Clearing condition: ('Low Temperature State' NOT EQUAL 'Low')		
Remedial action: The NE has detected internal temperatures which are abnormally low. This may happen when the environment that the NE is operating in may not be within specifications found in the NE user guides.		

Table 16-103 LspDown

Alarm	Attributes	Applicable major releases
Name: LspDown (25) Type: pathAlarm (12) Package: mpls Raised on class: mpls.Lsp	Severity: critical Implicitly cleared: true Default probable cause: lspDown (19)	<ul style="list-style-type: none"> • 5.0 • 6.1 • 6.2
Description: The alarm is raised when the Operational State of an LSP is Down, but the Administrative State is Up.		
Raising condition: (('administrativeState' EQUAL 'Up') AND ('operationalState' NOT EQUAL 'Up'))		
Clearing condition: (('operationalState' EQUAL 'Up') OR ('administrativeState' NOT EQUAL 'Up'))		
Remedial action: So many things can cause LSP down, check if source and destination interfaces are down, LSP path is down and the failure code, or MPLS path is down...		

Table 16-104 LspPathBypassTunnelActive

Alarm	Attributes	Applicable major releases
Name: LspPathBypassTunnelActive (264) Type: pathAlarm (12) Package: mpls Raised on class: mpls.LspPath	Severity: warning Implicitly cleared: true Default probable cause: LspPathReroutedToBypassTunnel (197)	<ul style="list-style-type: none"> • 5.0 • 6.1 • 6.2
Description: The alarm is raised when an LSP primary path is rerouted to the bypass tunnel. The alarm clears when the primary path returns to the original tunnel and the actual hop returns to the primary path.		
Raising condition: ('Bypass Tunnel Active' EQUAL 'true')		
Clearing condition: ('Bypass Tunnel Active' EQUAL 'false')		
Remedial action: There is a problem with the original path, check what is the problem and fix it if possible.		

Table 16-105 LspPathDown

Alarm	Attributes	Applicable major releases
Name: LspPathDown (26) Type: pathAlarm (12) Package: mpls Raised on class: mpls.LspPath	Severity: major Implicitly cleared: true Default probable cause: LspPathDown (20)	<ul style="list-style-type: none"> • 5.0 • 6.1 • 6.2
Description: The alarm is raised when an LSP path is operationally down.		
Raising condition: (('Administrative' EQUAL 'Up') AND ('Operational' NOT EQUAL 'Up') AND ('Type' EQUAL 'Standby'))		
Clearing condition: (('Operational' EQUAL 'Up') OR ('Administrative' NOT EQUAL 'Up') OR ('Type' EQUAL 'Secondary'))		
Remedial action: Check the failure code and update accordingly, e.g. whether MPLS/RSVP interfaces, OSPF interfaces are down.		

Table 16-106 macMoveRateExceeded (service)

Alarm	Attributes	Applicable major releases
Name: macMoveRateExceeded (3690) Type: accessInterfaceAlarm (40) Package: service Raised on class: service.AccessInterface	Severity: minor Implicitly cleared: true Default probable cause: MacMoveRateExceeded (1429)	<ul style="list-style-type: none"> • 5.0 • 6.1 • 6.2
Description: The alarm is raised when the SAP exceeds the MAC Move Frequency of the service site.		
Raising condition: ('State Cause'anyBit'Relearn Limit Exceeded')		
Clearing condition: NOT (('State Cause'anyBit'Relearn Limit Exceeded'))		
Remedial action: Informational.		

Table 16-107 macMoveRateExceeded (svt)

Alarm	Attributes	Applicable major releases
Name: macMoveRateExceeded (3690) Type: SpokeSdpBindingAlarm (104) Package: svt Raised on class: svt.SpokeSdpBinding	Severity: minor Implicitly cleared: true Default probable cause: MacMoveRateExceeded (1429)	<ul style="list-style-type: none"> • 5.0 • 6.1 • 6.2
Description: The alarm is raised when the SDP exceeds the Service Site's MAC Move Frequency.		
Raising condition: ('operationalFlags'anyBit'Relearn Limit Exceeded')		
Clearing condition: NOT (('operationalFlags'anyBit'Relearn Limit Exceeded'))		
Remedial action: Check Service Site MAC move frequency or underlying physical link to understand issue.		

Table 16-108 macMoveRateExceededNonBlock (service)

Alarm	Attributes	Applicable major releases
Name: macMoveRateExceededNonBlock (4893) Type: accessInterfaceAlarm (40) Package: service Raised on class: service.AccessInterface	Severity: info Implicitly cleared: true Default probable cause: MacMoveRateExceededNonBlock (1951)	<ul style="list-style-type: none"> • 5.0 • 6.1 • 6.2
Description: The alarm is raised when the SAP exceeds the MAC Move Frequency of the service site when limitMacMove(sapTIsLimitMacMove) is set to 'nonBlocking'.		
Raising condition: ('State Cause'anyBit'Relearn Limit Exceeded')		
Clearing condition: NOT (('State Cause'anyBit'Relearn Limit Exceeded'))		
Remedial action: Informational - User can adjust the value of 'MAC Move Maximum Rate' to reduce the frequency of this alarm.		

Table 16-109 macMoveRateExceededNonBlock (svt)

Alarm	Attributes	Applicable major releases
Name: macMoveRateExceededNonBlock (4893) Type: SpokeSdpBindingAlarm (104) Package: svt Raised on class: svt.SpokeSdpBinding	Severity: info Implicitly cleared: true Default probable cause: MacMoveRateExceededNonBlock (1951)	<ul style="list-style-type: none"> • 5.0 • 6.1 • 6.2
Description: The alarm is raised when the SDP exceeds the Service Site's MAC Move Frequency even when limitMacMove(sdpBindTIsLimitMacMove) is set to 'nonBlocking'.		
Raising condition: ('operationalFlags'anyBit'Relearn Limit Exceeded')		
Clearing condition: NOT (('operationalFlags'anyBit'Relearn Limit Exceeded'))		
Remedial action: Informational - User can adjust the value of 'MAC Move Maximum Rate' to reduce the frequency of this alarm.		

Table 16-110 MepAISReceivedAlarm

Alarm	Attributes	Applicable major releases
Name: MepAISReceivedAlarm (2945) Type: oamAlarm (18) Package: ethernetOam Raised on class: ethernetOam.Mep	Severity: variable Implicitly cleared: true Default probable cause: missingRemoteMep (388)	<ul style="list-style-type: none"> • 5.0 • 6.1 • 6.2
Description: The alarm is raised when a MEP receives AIS test frames from one or more of its sub-layer MEPs.		
Raising condition: (('AIS Received (AisRx)' EQUAL 'true') AND ('Facility VLAN ID' EQUAL '0'))		
Clearing condition: ('AIS Received (AisRx)' EQUAL 'false')		
Remedial action: This alarm indicates that it has received a MEP fault from a sub-layer MEP, user should investigate the fault cause on the sub-layer MEP and resolve this root cause issue.		

Table 16-111 MldDown

Alarm	Attributes	Applicable major releases
Name: MldDown (587) Type: ProtocolAlarm (1) Package: mld Raised on class: mld.Site	Severity: critical Implicitly cleared: true Default probable cause: protocolDown (1)	<ul style="list-style-type: none"> • 6.1 • 6.2
Description: The alarm is raised when an MLD site has an Operational State other than Up, and the Administrative State is Up.		
Raising condition: (('Administrative State' EQUAL 'Up') AND ('Operational State' NOT EQUAL 'Up'))		
Clearing condition: (('Operational State' EQUAL 'Up') OR ('Administrative State' NOT EQUAL 'Up'))		
Remedial action: Check the base router and system are configured correctly.		

Table 16-112 MobileConnectorDown

Alarm	Attributes	Applicable major releases
Name: MobileConnectorDown (1064) Type: EpcAlarm (59) Package: Iteservice Raised on class: Iteservice.MobileServiceConnector	Severity: minor Implicitly cleared: true Default probable cause: EpcDown (519)	<ul style="list-style-type: none"> • 5.0 • 6.1 • 6.2
Description: The alarm is raised when the 5620 SAM no longer manages the EPS path instance of this mobile service site. As a result, the service must be regenerated.		
Raising condition: ('EPS Path' EQUAL "\")		
Clearing condition: ('EPS Path' NOT EQUAL "\")		
Remedial action: The underlying transport network has gone down resulting in the deletion of a mobile service connector (EPS path). Correct the issue with the transport network and regenerate the mobile service connector by clicking on the re-calculate button on the mobile service properties form.		

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Table 16-113 MplsDown

Alarm	Attributes	Applicable major releases
Name: MplsDown (27) Type: ProtocolAlarm (1) Package: mpls Raised on class: mpls.Site	Severity: critical Implicitly cleared: true Default probable cause: protocolDown (1)	<ul style="list-style-type: none"> • 5.0 • 6.1 • 6.2
Description: The alarm is raised when an MPLS site has an Operational State other than Up, and the Administrative State is Up.		
Raising condition: (('Administrative State' EQUAL 'Up') AND ('Operational State' NOT EQUAL 'Up'))		
Clearing condition: (('Operational State' EQUAL 'Up') OR ('Administrative State' NOT EQUAL 'Up'))		
Remedial action: Check operational down reason and update accordingly.		

Table 16-114 MplsPathUpdateFailed

Alarm	Attributes	Applicable major releases
Name: MplsPathUpdateFailed (1066) Type: pathAlarm (12) Package: mpls Raised on class: mpls.LspPath	Severity: major Implicitly cleared: true Default probable cause: mbbRetryExceeded (804) Applicable probable causes: <ul style="list-style-type: none"> • mbbRetryExceeded • lspPathGoingDown • startingHighPriMbb • restartingMbb • highPriMbbInProg 	<ul style="list-style-type: none"> • 5.0 • 6.1 • 6.2
Description: The alarm is raised when an MPLS path update fails because of an MBB problem. The alarm clears when the MBB status changes to Successful.		
Raising condition: (('mbbStatus' NOT EQUAL 'None') AND ('mbbStatus' NOT EQUAL 'Successful'))		
Clearing condition: (('Last Performed State' EQUAL 'Success') OR ('Administrative' EQUAL 'Down') OR (('Operational' EQUAL 'Up') AND ('Last Performed State' EQUAL 'None'))		
Remedial action: Based on the probable cause, change the parameters and update the path again.		

Table 16-115 MvrSiteDown

Alarm	Attributes	Applicable major releases
Name: MvrSiteDown (162) Type: ProtocolAlarm (1) Package: layer2 Raised on class: layer2.MvrSite	Severity: warning Implicitly cleared: true Default probable cause: protocolDown (1)	<ul style="list-style-type: none"> • 5.0 • 6.1 • 6.2
Description: The alarm is raised when MVR is disabled on an NE and a TLS VLAN or MVR VLAN service is provisioned on the NE.		
Raising condition: ('MVR Admin Status' EQUAL 'Disabled')		

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Alarm	Attributes	Applicable major releases
Clearing condition: ('MVR Admin Status' EQUAL 'Enabled')		
Remedial action: To clear the alarm, enable MVR Admin Status under the Bridge Instance.		

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Table 16-116 NeighborDown

Alarm	Attributes	Applicable major releases
Name: NeighborDown (121) Type: NeighborDown (20) Package: ospf Raised on class: ospf.AbstractNeighbor	Severity: major Implicitly cleared: true Default probable cause: NeighborDown (103)	<ul style="list-style-type: none"> • 5.0 • 6.1 • 6.2
Description: The alarm is raised when an OSPF interface neighbor is operationally Down.		
Raising condition: ('Operational State' NOT EQUAL 'full')		
Clearing condition: ('Operational State' EQUAL 'full')		
Remedial action: This alarm is raised when the OSPF interface neighbor is operationally down. The situation may occur if the underlying physical interface is down either because of administrative disabling or a fault on the far end port or due to a cable connection or cable failure. This alarm will also be raised if the underlying transport network fails or is unreliable. Resolving the underlying instability in the transport network will correct this problem.		

Table 16-117 NeManagementAndTrapManagementMismatch

Alarm	Attributes	Applicable major releases
Name: NeManagementAndTrapManagementMismatch (1079) Type: communicationsAlarm (4) Package: netw Raised on class: netw.NetworkElement	Severity: warning Implicitly cleared: true Default probable cause: neManagementChange (817)	<ul style="list-style-type: none"> • 5.0 • 6.1 • 6.2
Description: This user-defined alarm is raised when the NE configuration is one of the following: - The Active Management IP is set to Out Of Band, and the Primary Route Preference is set to In Band. - The Active Management IP is set to In Band, and the Primary Route Preference is set to Out of Band.		
Raising condition: (((('Active Management IP' EQUAL 'In Band') AND (('Management IP Selection' EQUAL 'In Band Preferred') OR ('Management IP Selection' EQUAL 'In Band Only'))) AND ('Primary Route Preference' EQUAL 'Out Of Band')) AND (('Active Management IP' EQUAL 'In Band') OR (('Active Management IP' EQUAL 'Out Of Band') AND (('Management IP Selection' EQUAL 'Out Of Band Preferred') OR ('Management IP Selection' EQUAL 'Out Of Band Only'))) AND ('Primary Route Preference' EQUAL 'In Band') AND ('Secondary Route Preference' EQUAL 'Out Of Band'))		
Clearing condition: (((('Active Management IP' EQUAL 'In Band') AND (('Management IP Selection' EQUAL 'In Band Preferred') OR ('Management IP Selection' EQUAL 'In Band Only'))) AND ('Primary Route Preference' EQUAL 'In Band')) OR (('Active Management IP' EQUAL 'Out Of Band') AND (('Management IP Selection' EQUAL 'Out Of Band Preferred') OR ('Management IP Selection' EQUAL 'Out Of Band Only'))) AND ('Primary Route Preference' EQUAL 'Out Of Band'))		
Remedial action: A configuration error has been made which must be corrected. The parameters described in the description for this alarm must match.		

Table 16-118 NewSsh2ServerKeyDetected

Alarm	Attributes	Applicable major releases
Name: NewSsh2ServerKeyDetected (285) Type: communicationsAlarm (4) Package: security Raised on class: security.KnownHostKey	Severity: warning Implicitly cleared: true Default probable cause: ssh2ServerKeyMismatch (217)	<ul style="list-style-type: none"> • 5.0 • 6.1 • 6.2
Description: The alarm is raised when a 5620 SAM main server detects a new public SSH key.		
Raising condition: ('SSH2 Server Key Status' EQUAL 'Mismatch SSH2 Host Key')		
Clearing condition: ('SSH2 Server Key Status' EQUAL 'Active SSH2 Host Key')		
Remedial action: Informational - possible security breach. The SSH key of the router is different from the one known to the SAM server.		

Table 16-119 NodeDatabaseFallbackDetected

Alarm	Attributes	Applicable major releases
Name: NodeDatabaseFallbackDetected (2923) Type: communicationsAlarm (4) Package: netw Raised on class: netw.NetworkElement	Severity: major Implicitly cleared: true Default probable cause: nodeDatabaseFallback (1121)	<ul style="list-style-type: none"> • 5.0 • 6.1 • 6.2
Description: The alarm is raised when a configuration fallback is detected on the node and comes back up with a previous configuration. To correct this situation it might be necessary to reconfigure the node, or perform full resync its database with the 'fallback' configuration returned by the node.		
Raising condition: ('State' EQUAL 'Node Configuration Fallback')		
Clearing condition: ('State' EQUAL 'Managed')		
Remedial action: the NE has come back to a previous configuration. Perform a manual Full Resync or a Reconfigure of the NE		

Table 16-120 NodeDatabaseMisalignmentDetected

Alarm	Attributes	Applicable major releases
Name: NodeDatabaseMisalignmentDetected (2924) Type: communicationsAlarm (4) Package: netw Raised on class: netw.NetworkElement	Severity: major Implicitly cleared: true Default probable cause: nodeDatabaseMisalignment (1122)	<ul style="list-style-type: none"> • 5.0 • 6.1 • 6.2
Description: The alarm is raised when a configuration misalignment has been detected on the node and comes back up with an unexpected configuration (configuration change triggered by external tool) To correct this situation it might be necessary to reconfigure the node with the 5620 SAM's old configuration or accept the new configuration received from the node.		
Raising condition: ('State' EQUAL 'Node Configuration Misalignment')		
Clearing condition: ('State' EQUAL 'Managed')		
Remedial action: the NE configuration is misaligned. Perform a resync in order to update SAM configuration according to the NE.		

Table 16-121 NodeSuspended

Alarm	Attributes	Applicable major releases
Name: NodeSuspended (5123) Type: communicationsAlarm (4) Package: netw Raised on class: netw.NetworkElement	Severity: critical Implicitly cleared: true Default probable cause: NodeSuspend (2057)	<ul style="list-style-type: none"> • 5.0 • 6.1 • 6.2
Description: The alarm is raised when the 5620 SAM detects an NE moved to suspend state as per user request.		
Raising condition: ('SNMP Reachability' EQUAL 'Suspended')		
Clearing condition: ('SNMP Reachability' NOT EQUAL 'Suspended')		
Remedial action: This alarm is raised when user suspends the network element. The alarm will be cleared when the network element is managed back.		

Table 16-122 NTPOperDown

Alarm	Attributes	Applicable major releases
Name: NTPOperDown (4879) Type: communicationsAlarm (4) Package: ntp Raised on class: ntp.NTP	Severity: info Implicitly cleared: true Default probable cause: NTPOperDown (1943)	<ul style="list-style-type: none"> • 5.0 • 6.1 • 6.2
Description: The alarm is generated when the NTP Operational State is down for NTP.		
Raising condition: (('Operational State' EQUAL 'Down') AND ('NTP State' EQUAL 'Enabled'))		
Clearing condition: (('Operational State' EQUAL 'Up') OR ('NTP State' EQUAL 'Disabled'))		
Remedial action: Please check if NTP is administratively enabled (Admin State in NTP General Tab). If admin state down, enable it to make NTP operationally up.		

Table 16-123 OrphanNodeDetected

Alarm	Attributes	Applicable major releases
Name: OrphanNodeDetected (4866) Type: discoveryControlAlarm (33) Package: netw Raised on class: netw.AdvertisedNode	Severity: major Implicitly cleared: true Default probable cause: nodeNotMangedByAnyEms (1934)	<ul style="list-style-type: none"> • 5.0 • 6.1 • 6.2
Description: The alarm is raised when node is node managed by any EMS after n retries(threshold crossed) it is manually cleared by the operator or when the node is discovered.		
Raising condition: ('State' EQUAL 'Orphan')		
Remedial action: The NE is not managed by any SAM. Add an discovery rule in order to managed it.		

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Table 16-124 OspfInterfaceDown

Alarm	Attributes	Applicable major releases
Name: OspfInterfaceDown (141) Type: OspfInterfaceDown (24) Package: ospf Raised on class: ospf.Interface	Severity: warning Implicitly cleared: true Default probable cause: OspfInterfaceDown (112)	<ul style="list-style-type: none"> • 5.0 • 6.1 • 6.2
Description: The alarm is raised when an OSPF interface is operationally down.		
Raising condition: ('operationalState' EQUAL 'Down')		
Clearing condition: ('operationalState' NOT EQUAL 'Down')		
Remedial action: This alarm is raised when the OSPF interface is operationally down. The situation may occur if the underlying physical interface is down either because of administrative disabling or a fault on the far end port or due to a cable connection or cable failure. This alarm will also be raised if the underlying transport network fails or is unreliable. Resolving the underlying instability in the transport network will correct this problem.		

Table 16-125 OverTemperatureDetected

Alarm	Attributes	Applicable major releases
Name: OverTemperatureDetected (388) Type: environmentalAlarm (2) Package: equipment Raised on class: equipment.Shelf	Severity: major Implicitly cleared: true Default probable cause: equipmentOverheated (5)	<ul style="list-style-type: none"> • 5.0 • 6.1 • 6.2
Description: The alarm is raised when the chassis temperature exceeds the maximum threshold value.		
Raising condition: ('Over Temperature State' EQUAL 'Over')		
Clearing condition: ('Over Temperature State' NOT EQUAL 'Over')		
Remedial action: The NE has detected internal temperatures which are abnormally high. This could be caused by a failed fan unit or one or more dirty fan filters. Replacing the failed unit or filters should resolve the problem. Alternately the environment that the NE is operating in may not be within specifications found in the NE user guides.		

Table 16-126 PartialResyncProblem

Alarm	Attributes	Applicable major releases
Name: PartialResyncProblem (4401) Type: communicationsAlarm (4) Package: netw Raised on class: netw.NetworkElement	Severity: warning Implicitly cleared: true Default probable cause: partialResyncProblem (1578)	<ul style="list-style-type: none"> • 5.0 • 6.1 • 6.2
Description: The alarm is raised when a partial resync on an NE fails. For example, when resyncing only some MIB entries as opposed to a full resync. The periodic reachability test (sysUpTime) is not considered a partial resync, neither is a full resync. However, a PartialResyncProblem alarm can only be reset by a FullResync.		
Raising condition: ('partialResyncStatus' EQUAL 'Partial Resync Failed')		

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Alarm	Attributes	Applicable major releases
Clearing condition: ('partialResyncStatus' EQUAL 'Partial Resync Done')		
Remedial action: Informational - if the alarm persists or is occurring frequently then investigation is required to understand a) why the underlying transport network is unreliable or b) why the NE is too busy to respond to 5620 SAM or c) has SNMP been disabled on the NE.		

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Table 16-127 PeerConnectionDown (bgp)

Alarm	Attributes	Applicable major releases
Name: PeerConnectionDown (2) Type: ProtocolAlarm (1) Package: bgp Raised on class: bgp.Peer	Severity: critical Implicitly cleared: true Default probable cause: connectionDown (2)	<ul style="list-style-type: none"> • 5.0 • 6.1 • 6.2
Description: The alarm is raised when a BGP peer has a Connection State other than Established, and the Administrative State of the BGP peer is Up.		
Raising condition: (('Connection State' NOT EQUAL 'Established') AND ('Administrative State' EQUAL 'Up'))		
Clearing condition: (('Connection State' EQUAL 'Established') OR ('Administrative State' NOT EQUAL 'Up'))		
Remedial action: A mismatch in configuration may have occurred. Check the configuration of both peers to rule out a mismatched configuration.		

Table 16-128 PeerDown (bgp)

Alarm	Attributes	Applicable major releases
Name: PeerDown (1) Type: ProtocolAlarm (1) Package: bgp Raised on class: bgp.Peer	Severity: critical Implicitly cleared: true Default probable cause: protocolDown (1)	<ul style="list-style-type: none"> • 5.0 • 6.1 • 6.2
Description: The alarm is raised when a BGP peer has an Operational State other than Up, and the Administrative State is Up.		
Raising condition: (('Administrative State' EQUAL 'Up') AND ('Operational State' NOT EQUAL 'Up'))		
Clearing condition: (('Operational State' EQUAL 'Up') OR ('Administrative State' NOT EQUAL 'Up'))		
Remedial action: The BGP peer entity is down - administratively disable the BGP peer and re-enable it. If toggling the administrative state does not solve the problem check that the physical interface and network connection to the far end peer are up and operational. If the problem persists please contact Alcatel-Lucent support for assistance.		

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Table 16-129 PeerGroupDown (bgp)

Alarm	Attributes	Applicable major releases
Name: PeerGroupDown (5) Type: ProtocolAlarm (1) Package: bgp Raised on class: bgp.PeerGroup	Severity: critical Implicitly cleared: true Default probable cause: protocolDown (1)	<ul style="list-style-type: none"> • 5.0 • 6.1 • 6.2
Description: The alarm is raised when a BGP peer group has an Operational State other than Up, and the Administrative State is Up.		
Raising condition: (('Administrative State' EQUAL 'Up') AND ('Operational State' NOT EQUAL 'Up'))		
Clearing condition: (('Operational State' EQUAL 'Up') OR ('Administrative State' NOT EQUAL 'Up'))		
Remedial action: The BGP peer group is down - administratively disable the BGP peer group and re-enable it. If the problem persists please contact Alcatel-Lucent support for assistance.		

Table 16-130 PeerLacIngressEgressFault

Alarm	Attributes	Applicable major releases
Name: PeerLacIngressEgressFault (2929) Type: PeerLacAlarm (98) Package: svt Raised on class: svt.SpokeSdpBinding	Severity: minor Implicitly cleared: true Default probable cause: peerPWStatusBitsChanged (1123)	<ul style="list-style-type: none"> • 5.0 • 6.1 • 6.2
Description: The alarm is raised when the Peer Status is Peer LAC Rx Fault and Peer LAC Tx Fault		
Raising condition: (('Peer State Cause'anyBit'Peer LAC Tx Fault') AND ('Peer State Cause'anyBit'Peer LAC Rx Fault'))		
Clearing condition: NOT (('Peer State Cause'anyBit'Peer LAC Tx Fault') AND ('Peer State Cause'anyBit'Peer LAC Rx Fault'))		
Remedial action: One of the following conditions exists on the referenced physical interface which must be corrected. A cable/fiber fault exists which must be corrected - check to ensure that the cable is not faulty and is properly connected. The port is faulty - run diagnostics on the port to determine the nature of the fault. If the problem cannot be resolved swap the card containing the port with a card which is known be functional.		

Table 16-131 PersistentIndexParametersMisconfigured

Alarm	Attributes	Applicable major releases
Name: PersistentIndexParametersMisconfigured (173) Type: configurationAlarm (11) Package: netw Raised on class: netw.NetworkElement	Severity: major Implicitly cleared: true Default probable cause: persistentIndexConfigurationMismatch (136)	<ul style="list-style-type: none"> • 5.0 • 6.1 • 6.2
Description: The alarm is raised when persistence is set to Off in the NE BOF.		
Raising condition: (('Persistent SNMP Indices' EQUAL 'False') OR (('hasRedundantProcessorCards' EQUAL 'true') AND ('Redundant Synchronization Mode' EQUAL 'None'))		

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Alarm	Attributes	Applicable major releases
Clearing condition: (('Persistent SNMP Indices' EQUAL 'True') AND (('hasRedundantProcessorCards' EQUAL 'false') OR ('Redundant Synchronization Mode' NOT EQUAL 'None')))		
Remedial action: A configuration error has occurred that must be corrected. Use the CLI on the NE to enable persistency in the BOF. The discovery process will complete on the next discovery scan. A re-scan can be triggered immediately for the NE from within the discovery manager		

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Table 16-132 PimDown

Alarm	Attributes	Applicable major releases
Name: PimDown (184) Type: ProtocolAlarm (1) Package: pim Raised on class: pim.Site	Severity: critical Implicitly cleared: true Default probable cause: protocolDown (1)	<ul style="list-style-type: none"> • 6.1 • 6.2
Description: The alarm is raised when a PIM site is administratively Up but operationally Down. The alarm is cleared when the PIM site becomes operationally Up but administratively Down.		
Raising condition: (('Administrative State' EQUAL 'Up') AND ('Operational State' NOT EQUAL 'Up'))		
Clearing condition: (('Operational State' EQUAL 'Up') OR ('Administrative State' NOT EQUAL 'Up'))		
Remedial action: This should never happen. Contact Alcatel-Lucent Customer Support for assistance.		

Table 16-133 PollerProblem

Alarm	Attributes	Applicable major releases
Name: PollerProblem (31) Type: communicationsAlarm (4) Package: netw Raised on class: netw.NetworkElement	Severity: warning Implicitly cleared: true Default probable cause: resyncFailed (24)	<ul style="list-style-type: none"> • 5.0 • 6.1 • 6.2
Description: The alarm is raised when the 5620 SAM is unable to poll a network object, for example, because of intermittent or no IP connectivity to an NE, incorrect SNMP security parameters, or disabled SNMP on the NE.		
Raising condition: ('Resync Status' EQUAL 'Full Resync Failed')		
Clearing condition: ('Resync Status' EQUAL 'Full Resync Done')		
Remedial action: Informational - if the alarm persists or is occurring frequently then investigation is required to understand a) why the underlying transport network is unreliable or b) why the NE is too busy to respond to 5620 SAM or c) has SNMP been disabled on the NE. Once the issue has been resolved SAM will automatically re-attempt.		

Table 16-134 PortEtherSymMonSDAlarm

Alarm	Attributes	Applicable major releases
Name: PortEtherSymMonSDAlarm (5662) Type: communicationsAlarm (4) Package: ethernetequipment Raised on class: ethernetequipment.EthernetPortSpecifics	Severity: major Implicitly cleared: true Default probable cause: etherPortSymMonSDThresholdExceededAlarm (2439)	<ul style="list-style-type: none"> • 5.0 • 6.1 • 6.2
Description: The alarm is raised when an Ethernet port Symbol Monitor Failure alarm condition is detected (Signal Degradation Threshold exceeded).		
Raising condition: ('Symbol Alarm Reason' EQUAL 'SD Threshold Exceeded')		
Clearing condition: ('Symbol Alarm Reason' NOT EQUAL 'SD Threshold Exceeded')		
Remedial action: Symbol monitor signal degradation alarm could be cleared by changing/disabling the associated threshold/multiplier values or it is self clearing and will clear once the error rate drops below 1/10th of the configured rate.		

Table 16-135 PortEtherSymMonSFAlarm

Alarm	Attributes	Applicable major releases
Name: PortEtherSymMonSFAlarm (5663) Type: communicationsAlarm (4) Package: ethernetequipment Raised on class: ethernetequipment.EthernetPortSpecifics	Severity: major Implicitly cleared: true Default probable cause: etherPortSymMonSFThresholdExceededAlarm (2440)	<ul style="list-style-type: none"> • 5.0 • 6.1 • 6.2
Description: The alarm is raised when an Ethernet port Symbol Monitor Failure alarm condition is detected (Signal Failure Threshold exceeded).		
Raising condition: ('Symbol Alarm Reason' EQUAL 'SF Threshold Exceeded')		
Clearing condition: ('Symbol Alarm Reason' NOT EQUAL 'SF Threshold Exceeded')		
Remedial action: Symbol monitor signal failure alarm could be cleared by changing/disabling the associated threshold/multiplier values or by taking the port out of service (eg. shutdown, card/mda reset, physical link loss).		

Table 16-136 PowerSupplyFailure

Alarm	Attributes	Applicable major releases
Name: PowerSupplyFailure (633) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.PowerSupplyTray	Severity: critical Implicitly cleared: true Default probable cause: powerSupplyFailure (117)	<ul style="list-style-type: none"> • 5.0 • 6.1 • 6.2
Description: The alarm is raised when a power-supply tray reports a failure. When the alarm is raised during device discovery, a power-supply tray may be out of service. When the alarm is raised while the device is in the managed state, a power-supply tray may be out of service or the AC power shelf has a fault condition. The alarm clears when the status changes to OK.		
Raising condition: (('Power Supply 1 Status' EQUAL 'Not Equipped') OR ('Power Supply 1 Status' EQUAL 'Failed'))		

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Alarm	Attributes	Applicable major releases
Clearing condition: (('Power Supply 1 Status' EQUAL 'OK'))		
Remedial action: Ensure that the NE is properly connected to power. If the problem persists please contact Alcatel-Lucent support for assistance.		

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Table 16-137 PowerSupplyInputFeedDown

Alarm	Attributes	Applicable major releases
Name: PowerSupplyInputFeedDown (5422) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.PowerSupplyTray	Severity: minor Implicitly cleared: true Default probable cause: powerSupplyInputFeedDown (2073)	<ul style="list-style-type: none"> • 5.0 • 6.1 • 6.2
Description: This alarm is generated if any one of the input feeds for a given power supply is not supplying power.		
Raising condition: (('inputFeedStatus' EQUAL 'Input A Down') OR ('inputFeedStatus' EQUAL 'Input B Down') OR (('inputFeedStatus'allBits'Input A Down') AND ('inputFeedStatus'allBits'Input B Down'))		
Clearing condition: ('inputFeedStatus' EQUAL 'None')		
Remedial action: Restore all of the input feeds that are not supplying power.		

Table 16-138 PowerSupplyRemoved

Alarm	Attributes	Applicable major releases
Name: PowerSupplyRemoved (542) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.PowerSupplyTray	Severity: major Implicitly cleared: true Default probable cause: PowerSupplyRemoved (415)	<ul style="list-style-type: none"> • 5.0 • 6.1 • 6.2
Description: The alarm is raised when a chassis power supply is removed.		
Raising condition: ('Power Supply 1 Status' EQUAL 'Not Equipped')		
Clearing condition: ('Power Supply 1 Status' NOT EQUAL 'Not Equipped')		
Remedial action: To recover from this event, the customer is requested to add a new power supply to the system, or change a faulty power supply with a working one.		

Table 16-139 PppLoopbackDetected

Alarm	Attributes	Applicable major releases
Name: PppLoopbackDetected (362) Type: configurationAlarm (11) Package: ppp Raised on class: ppp.Interface	Severity: major Implicitly cleared: true Default probable cause: PppLoopbackDetected (259)	<ul style="list-style-type: none"> • 5.0 • 6.1 • 6.2
Description: The alarm is raised when the value of tmnxPppLocalMagicNumber is the same as the value of tmnxPppRemoteMagicNumber, which indicates that the link may be looped back.		
Raising condition: (('Local Magic Number' EQUAL 'Remote Magic Number') AND ('Local Magic Number' NOT EQUAL '0L'))		
Clearing condition: (('Local Magic Number' NOT EQUAL 'Remote Magic Number') OR ('Local Magic Number' EQUAL '0L'))		
Remedial action: Informational.		

Table 16-140 PrimaryImageBootFailure

Alarm	Attributes	Applicable major releases
Name: PrimaryImageBootFailure (191) Type: configurationAlarm (11) Package: sw Raised on class: sw.CardSoftware	Severity: warning Implicitly cleared: true Default probable cause: bootOptionFileMisconfigured (150)	<ul style="list-style-type: none"> • 5.0 • 6.1 • 6.2
Description: The alarm is raised when the primary software image specified in an NE BOF is unusable.		
Raising condition: (('imageSource' NOT EQUAL 'Primary') AND ('imageSource' NOT EQUAL 'Unknown'))		
Clearing condition: (('imageSource' EQUAL 'Primary') OR ('imageSource' EQUAL 'Unknown'))		
Remedial action: The SW image on the NE may have been inadvertently corrupted. Download a new copy of the SW image to the NE. If the problem persists contact Alcatel-Lucent support for assistance.		

Table 16-141 PrimaryPathLimitReached

Alarm	Attributes	Applicable major releases
Name: PrimaryPathLimitReached (457) Type: resourceAlarm (28) Package: equipment Raised on class: equipment.DaughterCard	Severity: warning Implicitly cleared: true Default probable cause: resourceLimitReached (131)	<ul style="list-style-type: none"> • 5.0 • 6.1 • 6.2
Description: The alarm is raised when the Ingress Multicast Path Management primary path bandwidth limit is reached.		
Raising condition: (('Primary Path Limit Override' > '0') AND ('Primary Path In use' >= (1000 * 'Primary Path Limit Override'))"		
Clearing condition: (('Primary Path Limit Override' > '0') AND ('Primary Path In use' < (1000 * 'Primary Path Limit Override'))"		
Remedial action: Informational - The alarm is raised when the Ingress Multicast Path Management primary path bandwidth limit is reached. This can be remedied by modifying the primary path limit located at T1 Paths tab of the multicast bandwidth policy which assigned to the card, or increase the primary path limit override located at the Daughter Card tab under Daughter Card Slot form.		

Table 16-142 PTPNotQualified

Alarm	Attributes	Applicable major releases
Name: PTPNotQualified (3611) Type: communicationsAlarm (4) Package: sonet Raised on class: sonet.SiteSync	Severity: minor Implicitly cleared: true Default probable cause: PTPNotQualified (1400)	<ul style="list-style-type: none"> • 5.0 • 6.1 • 6.2
Description: The alarm is raised when PTP on an NE is not in the Qualified state.		
Raising condition: (('Qualified For Use' EQUAL 'Not Qualified'))		
Clearing condition: (('Qualified For Use' NOT EQUAL 'Not Qualified'))		
Remedial action: Check the communication path is up between the local PTP slave clock and its selected master		

Table 16-143 PTPPeerLossOfAnnounce

Alarm	Attributes	Applicable major releases
Name: PTPPeerLossOfAnnounce (3608) Type: communicationsAlarm (4) Package: ptp Raised on class: ptp.IEEEPTPPeer	Severity: minor Implicitly cleared: true Default probable cause: PTPPeerLossOfAnnounce (1397)	<ul style="list-style-type: none"> • 5.0 • 6.1 • 6.2
Description: The alarm is raised when the PTP peer is in the 'Packet Timing Signal Fail (Loss Announce)' state. This indicates that the PTP announce messages are not received from the remote master.		
Raising condition: (('Master GM Alarms'anyBit'Loss of Announce'))		
Clearing condition: NOT (('Master GM Alarms'anyBit'Loss of Announce'))		
Remedial action: Please check if Configured Peer IP address is reachable (ping <Peer Ip>) from the this SR node and PTP configuration is proper.		

Table 16-144 PTPPeerLossOfSync

Alarm	Attributes	Applicable major releases
Name: PTPPeerLossOfSync (3609) Type: communicationsAlarm (4) Package: ptp Raised on class: ptp.IEEEPTPPeer	Severity: minor Implicitly cleared: true Default probable cause: PTPPeerLossOfSync (1398)	<ul style="list-style-type: none"> • 5.0 • 6.1 • 6.2
Description: The alarm is raised when the PTP peer is in the 'Packet Timing Signal Fail (Loss Sync)' state. This indicates that the PTP timing messages are not received from the remote master.		
Raising condition: (('Master GM Alarms'anyBit'Loss of Sync'))		
Clearing condition: NOT (('Master GM Alarms'anyBit'Loss of Sync'))		
Remedial action: Please check if Configured Peer IP address is reachable (ping <Peer Ip>) from the this SR node and PTP configuration is proper.		

Table 16-145 PTPReferenceLossOfSignal

Alarm	Attributes	Applicable major releases
Name: PTPReferenceLossOfSignal (3613) Type: communicationsAlarm (4) Package: sonet Raised on class: sonet.SiteSync	Severity: minor Implicitly cleared: true Default probable cause: PTPReferenceLossOfSignal (1402)	<ul style="list-style-type: none"> • 5.0 • 6.1 • 6.2
Description: The alarm is raised when the PTP reference on an NE is not qualified due to Loss of Signal.		
Raising condition: (('Not Qualified Due To'anyBit'LOS'))		
Clearing condition: NOT (('Not Qualified Due To'anyBit'LOS'))		
Remedial action: Check the communication path is up between the local PTP slave clock and its selected master		

Table 16-146 PTPReferenceOutOfFrequency

Alarm	Attributes	Applicable major releases
Name: PTPReferenceOutOfFrequency (3614) Type: communicationsAlarm (4) Package: sonet Raised on class: sonet.SiteSync	Severity: minor Implicitly cleared: true Default probable cause: PTPReferenceOutOfFrequency (1403)	<ul style="list-style-type: none"> • 5.0 • 6.1 • 6.2
Description: The alarm is raised when the PTP Reference on an NE is not qualified due to Out of frequency.		
Raising condition: (('Not Qualified Due To'anyBit'OOF'))		
Clearing condition: NOT (('Not Qualified Due To'anyBit'OOF'))		
Remedial action: Make sure that frequency configured for Reference One is correct.		

Table 16-147 PTPReferenceOutOfPollInRange

Alarm	Attributes	Applicable major releases
Name: PTPReferenceOutOfPollInRange (3615) Type: communicationsAlarm (4) Package: sonet Raised on class: sonet.SiteSync	Severity: minor Implicitly cleared: true Default probable cause: PTPReferenceOutOfPollInRange (1404)	<ul style="list-style-type: none"> • 5.0 • 6.1 • 6.2
Description: The alarm is raised when the PTP Reference on an NE is not qualified state due to Out of poll in range.		
Raising condition: (('Not Qualified Due To'anyBit'OOPIR'))		
Clearing condition: NOT (('Not Qualified Due To'anyBit'OOPIR'))		
Remedial action: If there is packet flow, the PTP slave clock is in it's initial acquiring states where the sync-if-timing reference does not qualify just wait.		

Table 16-148 RadiusOperStatusDown

Alarm	Attributes	Applicable major releases
Name: RadiusOperStatusDown (3692) Type: radiusOperStatusDownAlarm (105) Package: netw Raised on class: netw.NetworkElement	Severity: critical Implicitly cleared: true Default probable cause: radiusOperationStatusDown (1431)	<ul style="list-style-type: none"> • 5.0 • 6.1 • 6.2
Description: The alarm is raised when all RADIUS servers have gone down.		
Raising condition: ('Global RADIUS Operational State' EQUAL 'Down')		
Clearing condition: ('Global RADIUS Operational State' EQUAL 'Up')		
Remedial action: Verify the RADIUS server is properly configured and radius server state is up. Check the connectivity between SAM server and radius server configured on the Network element.		

Table 16-149 ReachabilityProblem

Alarm	Attributes	Applicable major releases
Name: ReachabilityProblem (243) Type: communicationsAlarm (4) Package: netw Raised on class: netw.NetworkElement	Severity: major Implicitly cleared: true Default probable cause: ReachabilityTestFailed (176)	<ul style="list-style-type: none"> • 5.0 • 6.1 • 6.2
Description: The alarm is raised when a mediation poll of the SysUpTimeAlarm object on an NE fails, for example, because of network congestion or because the NE is too busy to respond. The probable cause is an unreachable NE Mediation agent on the NE. The polling interval depends on the NE type and is configurable in nms-server.xml. By default, the 5620 SAM polls a managed NE every four minutes. If a poll fails, the alarm is raised. The alarm clears when the 5620 SAM receives a response from the NE, and the 5620 SAM GUI icon that represents the NE turns from red to green.		
Raising condition: ('SNMP Reachability' EQUAL 'Down')		
Remedial action: Informational - if the alarm persists or is occurring frequently then investigation is required to understand a) why the underlying transport network is unreliable or b) why the NE is too busy to respond to 5620 SAM or c) has SNMP been disabled on the NE. Once the issue has been resolved SAM will automatically re-attempt.		

Table 16-150 ReconfigFailure

Alarm	Attributes	Applicable major releases
Name: ReconfigFailure (1949) Type: communicationsAlarm (4) Package: netw Raised on class: netw.NetworkElement	Severity: critical Implicitly cleared: true Default probable cause: failedReconfig (937)	<ul style="list-style-type: none"> • 5.0 • 6.1 • 6.2
Description: This alarm is raised when the reconfig action failed.		
Raising condition: ('State' EQUAL 'Failed')		
Clearing condition: ('State' NOT EQUAL 'Failed')		

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Alarm	Attributes	Applicable major releases
Remedial action: Verify that the object is configured as expected.		

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Table 16-151 RedundantMepMisconfiguration

Alarm	Attributes	Applicable major releases
Name: RedundantMepMisconfiguration (3631) Type: oamAlarm (18) Package: ethernetToam Raised on class: ethernetToam.Mep	Severity: minor Implicitly cleared: true Default probable cause: misconfiguredRedundantMep (1416)	<ul style="list-style-type: none"> • 5.0 • 6.1 • 6.2
Description: The alarm is raised when an Active and Redundant MEP do not have the same ID, Operational MAC Address or Sub Group configured.		
Raising condition: ('validRedundantMepConfig' EQUAL 'false')		
Clearing condition: ('validRedundantMepConfig' EQUAL 'true')		
Remedial action: MC-LAG redundant MEP configuration (MEP ID or Mac Address) for Active & Standby Interfaces do not match, this could cause issues with CFM or CCM tests if Active interface changes. Delete and Re-create Standby MEP to match Active.		

Table 16-152 RedundantMepMissing

Alarm	Attributes	Applicable major releases
Name: RedundantMepMissing (3632) Type: oamAlarm (18) Package: ethernetToam Raised on class: ethernetToam.Mep	Severity: minor Implicitly cleared: true Default probable cause: missingRedundantMep (1417)	<ul style="list-style-type: none"> • 5.0 • 6.1 • 6.2
Description: The alarm is raised when a MEP misses a redundant counterpart on LAG or SAP.		
Raising condition: (('MC-LAG Inactive' NOT EQUAL 'Not Applicable') AND ('Redundant MEP' EQUAL '\'))		
Clearing condition: (('MC-LAG Inactive' EQUAL 'Not Applicable') OR (('MC-LAG Inactive' NOT EQUAL 'Not Applicable') AND ('Redundant MEP' NOT EQUAL '\')))		
Remedial action: MC-LAG redundant MEP is missing Active & Standby Interfaces, this will cause issues with CFM or CCM tests if Active interface changes. Create missing Active/Standby MEP to match existing.		

Table 16-153 RemoteMepCCMAAlarm

Alarm	Attributes	Applicable major releases
Name: RemoteMepCCMAAlarm (502) Type: oamAlarm (18) Package: ethernetOam Raised on class: ethernetOam.Mep	Severity: major Implicitly cleared: true Default probable cause: missingRemoteMep (388)	<ul style="list-style-type: none"> • 5.0 • 6.1 • 6.2
Description: The alarm is raised when a MEP loses connectivity with one or more remote MEPs. The Remote MEP DB State tab on a MEP lists the missing remote MEPs.		
Raising condition: ('High-Priority Defect' NOT EQUAL '0')		
Clearing condition: ('High-Priority Defect' EQUAL '0')		
Remedial action: MEP has lost communication with Remote MEP defined in Maintenance Association (MEG) Remote MEP list, Either Remote MEP list is incorrect or diagnose connection fault and resolve.		

Table 16-154 RipDown

Alarm	Attributes	Applicable major releases
Name: RipDown (72) Type: ProtocolAlarm (1) Package: rip Raised on class: rip.Site	Severity: critical Implicitly cleared: true Default probable cause: protocolDown (1)	<ul style="list-style-type: none"> • 5.0 • 6.1 • 6.2
Description: The alarm is raised when a RIP site has an Operational State other than Up, and the Administrative State is Up.		
Raising condition: (('Administrative State' EQUAL 'Up') AND ('Operational State' NOT EQUAL 'Up'))		
Clearing condition: (('Operational State' EQUAL 'Up') OR ('Administrative State' NOT EQUAL 'Up'))		
Remedial action: The RIP Site is down while it is administratively up. Please check the node e.g. IOM is not shutdown or installed.		

Table 16-155 RouteDistinguisherNotConfigured

Alarm	Attributes	Applicable major releases
Name: RouteDistinguisherNotConfigured (142) Type: configurationAlarm (11) Package: I3fwd Raised on class: I3fwd.ServiceSite	Severity: major Implicitly cleared: true Default probable cause: routeDistinguisherNotConfigured (113)	<ul style="list-style-type: none"> • 5.0 • 6.1 • 6.2
Description: The alarm is raised when no RD is configured for an L3 service site.		
Raising condition: ('routeDistinguisher' EQUAL "\00 00 00 00 00 00 00")		
Clearing condition: ('routeDistinguisher' NOT EQUAL "\00 00 00 00 00 00 00")		
Remedial action: A configuration error has occurred which must be corrected. The RD must be configured on the L3 Service Site in question.		

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Table 16-156 RsvpDown

Alarm	Attributes	Applicable major releases
Name: RsvpDown (74) Type: ProtocolAlarm (1) Package: rsvp Raised on class: rsvp.Site	Severity: critical Implicitly cleared: true Default probable cause: protocolDown (1)	<ul style="list-style-type: none"> • 5.0 • 6.1 • 6.2
Description: The alarm is raised when an RSVP site has an Operational State other than Up, and the Administrative State is Up.		
Raising condition: (('Administrative State' EQUAL 'Up') AND ('Operational State' NOT EQUAL 'Up'))		
Clearing condition: (('Operational State' EQUAL 'Up') OR ('Administrative State' NOT EQUAL 'Up'))		
Remedial action: The RSVP Site is down while it is administratively up. Please check MPLS is enabled and administratively up.		

Table 16-157 RxSectionSynchronizationError

Alarm	Attributes	Applicable major releases
Name: RxSectionSynchronizationError (93) Type: communicationsAlarm (4) Package: sonetequipment Raised on class: sonetequipment.SonetPortMonitorSpecifics	Severity: major Implicitly cleared: true Default probable cause: rxSectionSynchronizationError (79)	<ul style="list-style-type: none"> • 5.0 • 6.1 • 6.2
Description: The alarm is raised when a SONET port reports a section synchronization failure. A section synchronization failure occurs when the S1 byte is inconsistent for eight consecutive frames.		
Raising condition: (('Outstanding Alarms'anyBit'RX Section Synchronization Error') AND ('Report Alarms'anyBit'RX Section Synchronization Error'))		
Clearing condition: NOT (('Outstanding Alarms'anyBit'RX Section Synchronization Error') AND ('Report Alarms'anyBit'RX Section Synchronization Error'))		
Remedial action: Check the link status between SONET Port and the source.		

Table 16-158 SaveConfigFailed

Alarm	Attributes	Applicable major releases
Name: SaveConfigFailed (105) Type: configurationAlarm (11) Package: sw Raised on class: sw.BackupRestoreManager	Severity: major Implicitly cleared: true Default probable cause: fileAccessError (90)	<ul style="list-style-type: none"> • 5.0 • 6.1 • 6.2
Description: The alarm is raised when the admin save command on an NE fails.		
Raising condition: ('Config Save State' EQUAL 'Failure')		
Clearing condition: ('Config Save State' EQUAL 'Success')		
Remedial action: Attempt the admin save command a second time. If the problem persists please contact Alcatel-Lucent support for assistance.		

Table 16-159 ScheduledPollerProblem

Alarm	Attributes	Applicable major releases
Name: ScheduledPollerProblem (4386) Type: communicationsAlarm (4) Package: netw Raised on class: netw.NetworkElement	Severity: warning Implicitly cleared: true Default probable cause: scheduledResyncFailed (1569)	<ul style="list-style-type: none"> • 5.0 • 6.1 • 6.2
Description: The alarm is raised when the 5620 SAM is unable to poll a network object, for example, because of intermittent or no IP connectivity to an NE, incorrect SNMP security parameters, or disabled SNMP on the NE.		
Raising condition: ('Scheduled Resync Status' EQUAL 'Scheduled Resync Failed')		
Clearing condition: ('Scheduled Resync Status' EQUAL 'Scheduled Resync Done')		
Remedial action: Informational - if the alarm persists or is occurring frequently then investigation is required to understand a) why the underlying transport network is unreliable or b) why the NE is too busy to respond to 5620 SAM or c) has SNMP been disabled on the NE. Once the issue has been resolved SAM will automatically re-attempt.		

Table 16-160 SdpBindingDown

Alarm	Attributes	Applicable major releases
Name: SdpBindingDown (221) Type: SdpBindingAlarm (30) Package: svt Raised on class: svt.SdpBinding	Severity: critical Implicitly cleared: true Default probable cause: SdpBindingNotReady (166)	<ul style="list-style-type: none"> • 5.0 • 6.1 • 6.2
Description: The alarm is raised when an SDP binding has an Operational State other than Up.		
Raising condition: (('Operational State' NOT EQUAL 'Up') AND ('State Cause' NOT EQUAL 'Standby For BGP Multi-Homing'))		
Clearing condition: (('Operational State' EQUAL 'Up') OR ('State Cause' EQUAL 'Standby For BGP Multi-Homing'))		
Remedial action: To resolve this alarm check the SDP binding to determine if a configuration mismatch exists. If configuration is determined to be correct then the associated network interface may be down. Further investigation is required to determine why the underlying network interface is down.		

Table 16-161 SdpBindingTunnelDown

Alarm	Attributes	Applicable major releases
Name: SdpBindingTunnelDown (222) Type: CircuitAlarm (17) Package: svt Raised on class: svt.SdpBinding	Severity: critical Implicitly cleared: true Default probable cause: SdpTunnelNotReady (167)	<ul style="list-style-type: none"> • 5.0 • 6.1 • 6.2
Description: The alarm is raised when an SDP binding tunnel has an Operational State other than Up.		
Raising condition: (('Operational State' EQUAL 'Tunnel Not Ready') OR ('Operational State' EQUAL 'Tunnel Down'))		
Clearing condition: (('Operational State' NOT EQUAL 'Tunnel Not Ready') AND ('Operational State' NOT EQUAL 'Tunnel Down'))		

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Alarm	Attributes	Applicable major releases
Remedial action: To resolve this alarm check the endpoints of the SDP binding to determine if a configuration mismatch exists. If configuration matches then the underlying network resource between the endpoints of the SDP may be down. Further investigation is required to determine why the underlying transport network is down.		

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Table 16-162 SdpEgressIfsNetDomainInConsistent

Alarm	Attributes	Applicable major releases
Name: SdpEgressIfsNetDomainInConsistent (3616) Type: resourceAlarm (28) Package: svt Raised on class: svt.Tunnel	Severity: warning Implicitly cleared: true Default probable cause: sdpEgressIfsNetDomainInConsistent (1405)	<ul style="list-style-type: none"> • 5.0 • 6.1 • 6.2
Description: The alarm is raised when the SDP egress interface's consistency state changes to inconsistent.		
Raising condition: ('Egress Interfaces Consistency State' EQUAL '3')		
Clearing condition: ('Egress Interfaces Consistency State' EQUAL '2')		
Remedial action: To resolve this alarm check egress interfaces of the SDP configuration. If configuration is determined to be correct check underlying physical transport. Further investigation is required.		

Table 16-163 SecondaryPathLimitReached

Alarm	Attributes	Applicable major releases
Name: SecondaryPathLimitReached (458) Type: resourceAlarm (28) Package: equipment Raised on class: equipment.DaughterCard	Severity: warning Implicitly cleared: true Default probable cause: resourceLimitReached (131)	<ul style="list-style-type: none"> • 5.0 • 6.1 • 6.2
Description: The alarm is raised when the Ingress Multicast Path Management secondary path bandwidth limit is reached.		
Raising condition: (('Secondary Path Limit Override' > '0') AND ('Secondary Path In use' >= (1000 * 'Secondary Path Limit Override'))		
Clearing condition: (('Secondary Path Limit Override' > '0') AND ('Secondary Path In use' < (1000 * 'Secondary Path Limit Override'))		
Remedial action: Informational - The alarm is raised when the Ingress Multicast Path Management secondary path bandwidth limit is reached. This can be remedied by modifying the secondary path limit located at T1 Paths tab of the multicast bandwidth policy which assigned to the card, or increase the secondary path limit override located at the Daughter Card tab under Daughter Card Slot form.		

Table 16-164 SectionB1Error

Alarm	Attributes	Applicable major releases
Name: SectionB1Error (87) Type: communicationsAlarm (4) Package: sonetequipment Raised on class: sonetequipment.SonetPortMonitorSpecifics	Severity: major Implicitly cleared: true Default probable cause: sectionB1Error (73)	<ul style="list-style-type: none"> • 5.0 • 6.1 • 6.2
Description: The alarm is raised when a SONET port reports a section error condition that a remote NE raises because of b1 errors received from the local NE. The alarm corresponds to the Irei alarm on an NE.		
Raising condition: (('Outstanding Alarms'anyBit'Section B1 Error') AND ('Report Alarms'anyBit'Section B1 Error'))		
Clearing condition: NOT (('Outstanding Alarms'anyBit'Section B1 Error') AND ('Report Alarms'anyBit'Section B1 Error'))		
Remedial action: Check the SONET port is configured correctly and that the physical layer cabling is operating correctly. Call customer support if necessary.		

Table 16-165 SectionLossOfFrame

Alarm	Attributes	Applicable major releases
Name: SectionLossOfFrame (90) Type: communicationsAlarm (4) Package: sonetequipment Raised on class: sonetequipment.SonetPortMonitorSpecifics	Severity: major Implicitly cleared: true Default probable cause: sectionLossOfFrame (76)	<ul style="list-style-type: none"> • 5.0 • 6.1 • 6.2
Description: The alarm is raised when a SONET port reports a SLOF error. The alarm corresponds to the slof alarm on an NE.		
Raising condition: (('Outstanding Alarms'anyBit'Section Loss of Frame') AND ('Report Alarms'anyBit'Section Loss of Frame'))		
Clearing condition: NOT (('Outstanding Alarms'anyBit'Section Loss of Frame') AND ('Report Alarms'anyBit'Section Loss of Frame'))		
Remedial action: One of the following conditions exists on the referenced physical interface which must be corrected. A cable/fiber fault exists which must be corrected - check to ensure that the cable is not faulty and is properly connected.		

Table 16-166 SectionLossOfSignal

Alarm	Attributes	Applicable major releases
Name: SectionLossOfSignal (91) Type: communicationsAlarm (4) Package: sonetequipment Raised on class: sonetequipment.SonetPortMonitorSpecifics	Severity: major Implicitly cleared: true Default probable cause: sectionLossOfSignal (77)	<ul style="list-style-type: none"> • 5.0 • 6.1 • 6.2
Description: The alarm is raised when a SONET port reports a SLOS error. The alarm corresponds to the slos alarm on an NE.		
Raising condition: (('Outstanding Alarms'anyBit'Section Loss of Signal') AND ('Report Alarms'anyBit'Section Loss of Signal'))		
Clearing condition: NOT (('Outstanding Alarms'anyBit'Section Loss of Signal') AND ('Report Alarms'anyBit'Section Loss of Signal'))		

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Alarm	Attributes	Applicable major releases
Remedial action: One of the following conditions exists on the referenced physical interface which must be corrected. A cable/fiber fault exists which must be corrected - check to ensure that the cable is not faulty and is properly connected.		

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Table 16-167 SectionS1Failure

Alarm	Attributes	Applicable major releases
Name: SectionS1Failure (86) Type: communicationsAlarm (4) Package: sonetequipment Raised on class: sonetequipment.SonetPortMonitorSpecifics	Severity: major Implicitly cleared: true Default probable cause: sectionS1Failure (72)	<ul style="list-style-type: none"> • 5.0 • 6.1 • 6.2
Description: The alarm is raised when a SONET port reports a section synchronization failure. A section synchronization failure occurs when the S1 byte is inconsistent for eight consecutive frames.		
Raising condition: (('Outstanding Alarms'anyBit'Section S1 Failure') AND ('Report Alarms'anyBit'Section S1 Failure'))		
Clearing condition: NOT (('Outstanding Alarms'anyBit'Section S1 Failure') AND ('Report Alarms'anyBit'Section S1 Failure'))		
Remedial action: Check the SONET port is configured correctly and that the physical layer cabling is operating correctly. Call customer support if necessary.		

Table 16-168 SerialChannelOutOfFrame

Alarm	Attributes	Applicable major releases
Name: SerialChannelOutOfFrame (808) Type: communicationsAlarm (4) Package: tdmequipment Raised on class: tdmequipment.SerialChannelSpecifics	Severity: major Implicitly cleared: true Default probable cause: outOfFrame (100)	<ul style="list-style-type: none"> • 5.0 • 6.1 • 6.2
Description: The alarm is raised when an NE reports that a serial channel has an OOF alarm condition.		
Raising condition: (('Outstanding Alarms'anyBit'HCM Out Of Frame') AND ('Report Alarms'anyBit'HCM Out Of Frame'))		
Clearing condition: NOT (('Outstanding Alarms'anyBit'HCM Out Of Frame') AND ('Report Alarms'anyBit'HCM Out Of Frame'))		
Remedial action: The Cpipe Service running on this RS232 serial card need fixing. Make the Cpipe error free.		

Table 16-169 SerialChannelRemoteAlarmIndication

Alarm	Attributes	Applicable major releases
Name: SerialChannelRemoteAlarmIndication (809) Type: communicationsAlarm (4) Package: tdmequipment Raised on class: tdmequipment.SerialChannelSpecifics	Severity: major Implicitly cleared: true Default probable cause: remoteAlarmIndication (574)	<ul style="list-style-type: none"> • 5.0 • 6.1 • 6.2
Description: The alarm is raised when an NE reports that a serial channel has an RAI condition.		
Raising condition: (('Outstanding Alarms'anyBit'HCM Remote Alarm Indication') AND ('Report Alarms'anyBit'HCM Remote Alarm Indication'))		
Clearing condition: NOT (('Outstanding Alarms'anyBit'HCM Remote Alarm Indication') AND ('Report Alarms'anyBit'HCM Remote Alarm Indication'))		
Remedial action: The Cpipe Service running on this RS232 serial card need fixing. Make the Cpipe error free.		

Table 16-170 ServiceSiteDown

Alarm	Attributes	Applicable major releases
Name: ServiceSiteDown (97) Type: serviceAlarm (16) Package: service Raised on class: service.Site	Severity: critical Implicitly cleared: true Default probable cause: siteDown (83)	<ul style="list-style-type: none"> • 5.0 • 6.1 • 6.2
Description: The alarm is raised when all SAPs on a site are operationally down, or when the service tunnels for the site are operationally down.		
Raising condition: (('Operational State' NOT EQUAL 'Up') AND ('State Cause' NOT EQUAL 'All Spoke SDP Bindings are Standby'))		
Clearing condition: (('Operational State' EQUAL 'Up') OR ('State Cause' EQUAL 'All Spoke SDP Bindings are Standby'))		
Remedial action: The network resources (i.e. physical ports for SAPs, or physical ports/LSP) associated with the service site should be examined to determine if/why they are operationally down. The underlying transport network supporting the site may also be unreliable.		

Table 16-171 SessionDown

Alarm	Attributes	Applicable major releases
Name: SessionDown (73) Type: ProtocolAlarm (1) Package: rsvp Raised on class: rsvp.Session	Severity: critical Implicitly cleared: true Default probable cause: interfaceDown (32)	<ul style="list-style-type: none"> • 5.0 • 6.1 • 6.2
Description: The alarm is raised when an RSVP session is operationally down.		
Raising condition: ('Operational State' EQUAL 'Down')		
Clearing condition: ('Operational State' EQUAL 'Up')		

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Alarm	Attributes	Applicable major releases
Remedial action: Please check the RSVP session path to make sure all associated protocols/interfaces/connections are OK.		

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Table 16-172 SingleSFMOverloadDetected

Alarm	Attributes	Applicable major releases
Name: SingleSFMOverloadDetected (843) Type: ProtocolAlarm (1) Package: I3fwd Raised on class: I3fwd.Site	Severity: major Implicitly cleared: true Default probable cause: singleSfmOverloadDetected (601)	<ul style="list-style-type: none"> • 6.1 • 6.2
Description: The alarm is raised when a device reports a single-SFM overload. The alarm clears when the VR exits the Overload state.		
Raising condition: ('Overload State' EQUAL 'Overload')		
Clearing condition: ('Overload State' EQUAL 'Normal')		
Remedial action: Information - if the problem persists please contact Alcatel-Lucent support for assistance.		

Table 16-173 SonetPathAlarmIndicationSignal

Alarm	Attributes	Applicable major releases
Name: SonetPathAlarmIndicationSignal (129) Type: communicationsAlarm (4) Package: sonetequipment Raised on class: sonetequipment.SonetChannelMonitorSpecifics	Severity: major Implicitly cleared: true Default probable cause: pathAlarmIndicationSignal (63)	<ul style="list-style-type: none"> • 5.0 • 6.1 • 6.2
Description: The alarm is raised when a SONET port reports a PAIS error. The alarm corresponds to the pais alarm on an NE.		
Raising condition: (('Outstanding Alarms'anyBit'Path Alarm Indication Signal') AND ('Report Alarms'anyBit'Path Alarm Indication Signal'))		
Clearing condition: NOT (((('Outstanding Alarms'anyBit'Path Alarm Indication Signal') AND ('Report Alarms'anyBit'Path Alarm Indication Signal'))		
Remedial action: Check the SONET port is configured correctly and that the physical layer cabling is operating correctly. Call customer support if necessary.		

Table 16-174 SonetPathB3Error

Alarm	Attributes	Applicable major releases
Name: SonetPathB3Error (132) Type: communicationsAlarm (4) Package: sonetequipment Raised on class: sonetequipment.SonetChannelMonitorSpecifics	Severity: major Implicitly cleared: true Default probable cause: pathB3Error (66)	<ul style="list-style-type: none"> • 5.0 • 6.1 • 6.2
Description: The alarm is raised when a SONET port reports a path error condition because of b3 errors. The alarm corresponds to the prei alarm on an NE.		
Raising condition: (('Outstanding Alarms'anyBit'Path B3 error') AND ('Report Alarms'anyBit'Path B3 error'))		
Clearing condition: NOT (((('Outstanding Alarms'anyBit'Path B3 error') AND ('Report Alarms'anyBit'Path B3 error'))		
Remedial action: Check the SONET port is configured correctly and that the physical layer cabling is operating correctly. Call customer support if necessary.		

Table 16-175 SonetPathLossOfCodegroupDelineationError

Alarm	Attributes	Applicable major releases
Name: SonetPathLossOfCodegroupDelineationError (248) Type: communicationsAlarm (4) Package: sonetequipment Raised on class: sonetequipment.SonetChannelMonitorSpecifics	Severity: major Implicitly cleared: true Default probable cause: pathLossOfCodegroupDelineationError (185)	<ul style="list-style-type: none"> • 5.0 • 6.1 • 6.2
Description: The alarm is raised when a SONET port reports a PLCD error. The alarm corresponds to the plcd alarm on an NE.		
Raising condition: (('Outstanding Alarms'anyBit'Path Loss of Codegroup Delineation Error') AND ('Report Alarms'anyBit'Path Loss of Codegroup Delineation Error'))		
Clearing condition: NOT (((('Outstanding Alarms'anyBit'Path Loss of Codegroup Delineation Error') AND ('Report Alarms'anyBit'Path Loss of Codegroup Delineation Error'))		
Remedial action: Check the SONET port is configured correctly and that the physical layer cabling is operating correctly. Call customer support if necessary.		

Table 16-176 SonetPathLossOfPointer

Alarm	Attributes	Applicable major releases
Name: SonetPathLossOfPointer (130) Type: communicationsAlarm (4) Package: sonetequipment Raised on class: sonetequipment.SonetChannelMonitorSpecifics	Severity: major Implicitly cleared: true Default probable cause: pathLossOfPointer (64)	<ul style="list-style-type: none"> • 5.0 • 6.1 • 6.2
Description: The alarm is raised when a SONET port reports a PLOP error. The alarm corresponds to the plopp alarm on an NE.		

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Alarm	Attributes	Applicable major releases
Raising condition: (('Outstanding Alarms'anyBit'Path Loss of Pointer') AND ('Report Alarms'anyBit'Path Loss of Pointer'))		
Clearing condition: NOT (('Outstanding Alarms'anyBit'Path Loss of Pointer') AND ('Report Alarms'anyBit'Path Loss of Pointer'))		
Remedial action: Check the SONET port is configured correctly and that the physical layer cabling is operating correctly. Call customer support if necessary.		

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Table 16-177 SonetPathPayloadMismatch

Alarm	Attributes	Applicable major releases
Name: SonetPathPayloadMismatch (133) Type: communicationsAlarm (4) Package: sonetequipment Raised on class: sonetequipment.SonetChannelMonitorSpecifics	Severity: major Implicitly cleared: true Default probable cause: pathPayloadMismatch (67)	<ul style="list-style-type: none"> • 5.0 • 6.1 • 6.2
Description: The alarm is raised when a SONET port reports a PPLM error on a channel, after which the channel is set operationally down. The alarm corresponds to the pplm alarm on an NE.		
Raising condition: (('Outstanding Alarms'anyBit'Path Payload Mismatch') AND ('Report Alarms'anyBit'Path Payload Mismatch'))		
Clearing condition: NOT (('Outstanding Alarms'anyBit'Path Payload Mismatch') AND ('Report Alarms'anyBit'Path Payload Mismatch'))		
Remedial action: Informational only.		

Table 16-178 SonetPathRemoteB3Error

Alarm	Attributes	Applicable major releases
Name: SonetPathRemoteB3Error (134) Type: communicationsAlarm (4) Package: sonetequipment Raised on class: sonetequipment.SonetChannelMonitorSpecifics	Severity: major Implicitly cleared: true Default probable cause: pathRemoteB3Error (68)	<ul style="list-style-type: none"> • 5.0 • 6.1 • 6.2
Description: The alarm is raised when a SONET port reports a path error condition that a remote NE raises because of b3 errors received from the local NE. The alarm corresponds to the prei alarm on an NE.		
Raising condition: (('Outstanding Alarms'anyBit'Path Remote B3 Error') AND ('Report Alarms'anyBit'Path Remote B3 Error'))		
Clearing condition: NOT (('Outstanding Alarms'anyBit'Path Remote B3 Error') AND ('Report Alarms'anyBit'Path Remote B3 Error'))		
Remedial action: Check the remote NE is configured correctly and its physical layer cabling is operating correctly.		

Table 16-179 SonetPathRemoteDefectIndication

Alarm	Attributes	Applicable major releases
Name: SonetPathRemoteDefectIndication (131) Type: communicationsAlarm (4) Package: sonetequipment Raised on class: sonetequipment.SonetChannelMonitorSpecifics	Severity: major Implicitly cleared: true Default probable cause: pathRemoteDefectIndication (65)	<ul style="list-style-type: none"> • 5.0 • 6.1 • 6.2
Description: The alarm is raised when a SONET port reports a remote PAIS error. The alarm corresponds to the pais alarm on an NE.		
Raising condition: (('Outstanding Alarms'anyBit'Path Remote Defect Indication') AND ('Report Alarms'anyBit'Path Remote Defect Indication'))		
Clearing condition: NOT (('Outstanding Alarms'anyBit'Path Remote Defect Indication') AND ('Report Alarms'anyBit'Path Remote Defect Indication'))		
Remedial action: Check the SONET port is configured correctly and that the physical layer cabling is operating correctly. Call customer support if necessary.		

Table 16-180 SonetPathUnequippedPathError

Alarm	Attributes	Applicable major releases
Name: SonetPathUnequippedPathError (143) Type: communicationsAlarm (4) Package: sonetequipment Raised on class: sonetequipment.SonetChannelMonitorSpecifics	Severity: major Implicitly cleared: true Default probable cause: pathUnequippedPathError (114)	<ul style="list-style-type: none"> • 5.0 • 6.1 • 6.2
Description: The alarm is raised when a SONET port reports a path unequipped error. The alarm corresponds to the Path Alarm Unequipped Path Error alarm on an NE.		
Raising condition: (('Outstanding Alarms'anyBit'Path Alarm Unequipped Path Error') AND ('Report Alarms'anyBit'Path Alarm Unequipped Path Error'))		
Clearing condition: NOT (('Outstanding Alarms'anyBit'Path Alarm Unequipped Path Error') AND ('Report Alarms'anyBit'Path Alarm Unequipped Path Error'))		
Remedial action: Check the SONET port is configured correctly and that the physical layer cabling is operating correctly. Call customer support if necessary.		

Table 16-181 StatsRetrieveFailed

Alarm	Attributes	Applicable major releases
Name: StatsRetrieveFailed (244) Type: configurationAlarm (11) Package: sw Raised on class: sw.AccountingStatsRetrievalManager	Severity: major Implicitly cleared: false Default probable cause: fileTransferFailure (89)	<ul style="list-style-type: none"> • 5.0 • 6.1 • 6.2
Description: The alarm is raised when the 5620 SAM main or auxiliary server cannot transfer an accounting file from an NE.		

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Alarm	Attributes	Applicable major releases
Raising condition: (('Stats Retrieval State' NOT EQUAL 'Success') AND ('Stats Retrieval State' NOT EQUAL 'Not Attempted'))		
Remedial action: Informational - if the alarm persists or is occurring frequently then investigation is required to understand a) why the underlying transport network is unreliable or b) why the NE is too busy or otherwise cannot respond to the 5620 SAM main or auxiliary server.		

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Table 16-182 StpExceptionCondition

Alarm	Attributes	Applicable major releases
Name: StpExceptionCondition (297) Type: AccessInterfaceAlarm (32) Package: I2fwd Raised on class: I2fwd.AccessInterfaceStp	Severity: major Implicitly cleared: true Default probable cause: StpException (228)	<ul style="list-style-type: none"> • 5.0 • 6.1 • 6.2
Description: The alarm is raised when a SAP detects an STP exception condition, for example, one-way communication or a downstream loop. The alarm clears when the STP condition changes.		
Raising condition: (('STP Exception Condition' NOT EQUAL 'None') AND ('Administrative State' EQUAL 'Up'))		
Clearing condition: (('STP Exception Condition' EQUAL 'None') OR ('Administrative State' EQUAL 'Down'))		
Remedial action: Check 'STP Exception Condition' field for more details and fix the STP exception.		

Table 16-183 StpRootGuardViolation

Alarm	Attributes	Applicable major releases
Name: StpRootGuardViolation (503) Type: AccessInterfaceAlarm (32) Package: I2fwd Raised on class: I2fwd.AccessInterfaceStp	Severity: warning Implicitly cleared: true Default probable cause: spanningTreeTopologyChanged (331)	<ul style="list-style-type: none"> • 5.0 • 6.1 • 6.2
Description: The alarm is raised when a SAP detects an STP root guard violation.		
Raising condition: ('Root Guard Violation' EQUAL 'true')		
Clearing condition: ('Root Guard Violation' NOT EQUAL 'true')		
Remedial action: Set 'Root Guard' to false if not necessary.		

Table 16-184 SubscriberSystemNextHopUsageHigh

Alarm	Attributes	Applicable major releases
Name: SubscriberSystemNextHopUsageHigh (5157) Type: thresholdCrossed (6) Package: netw Raised on class: netw.NetworkElement	Severity: minor Implicitly cleared: true Default probable cause: resourceFull (53)	<ul style="list-style-type: none"> • 5.0 • 6.1 • 6.2
Description: The alarm is raised when the IP next-hop usage by subscriber managed routes reaches its high watermark, cleared when it reaches its low watermark again; the watermarks are derived from the limit specified with the property subSysNextHopLimit.		
Raising condition: ('IP Next Hop Usage High' EQUAL 'true')		
Clearing condition: ('IP Next Hop Usage High' EQUAL 'false')		
Remedial action: The alarm is raised when the IP next-hop usage by subscriber managed routes reaches its high watermark, cleared when it reaches its low watermark again; the watermarks are derived from the limit specified with the property subSysNextHopLimit. There is no immediate effect, but when the usage actually hits the limit, new hosts will not get their managed routes.		

Table 16-185 SubSysChassMemoryUsageHi

Alarm	Attributes	Applicable major releases
Name: SubSysChassMemoryUsageHi (5656) Type: thresholdCrossed (6) Package: equipment Raised on class: equipment.Shelf	Severity: minor Implicitly cleared: true Default probable cause: resourceFull (53)	<ul style="list-style-type: none"> • 5.0 • 6.1 • 6.2
Description: This alarm is raised when the memory usage by subscriber management on this system or chassis reaches its high watermark ('true').		
Raising condition: ('Memory Usage High' EQUAL 'True')		
Clearing condition: (('Memory Usage High' EQUAL 'False') OR ('Memory Usage High' EQUAL 'unspecified'))		
Remedial action: The memory usage by subscriber management on this system has reached its high watermark. Please check your memory usage.		

Table 16-186 TemperatureThresholdCrossed

Alarm	Attributes	Applicable major releases
Name: TemperatureThresholdCrossed (7) Type: environmentalAlarm (2) Package: equipment Raised on class: equipment.Environment	Severity: major Implicitly cleared: true Default probable cause: equipmentOverheated (5)	<ul style="list-style-type: none"> • 5.0 • 6.1 • 6.2
Description: The alarm is raised when a temperature crosses a threshold.		
Raising condition: ('temperatureThresholdCrossed' EQUAL 'true')		

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Alarm	Attributes	Applicable major releases
Clearing condition: ('temperatureThresholdCrossed' EQUAL 'false')		
Remedial action: The NE has detected internal temperatures which are abnormally high. This could be caused by a failed fan unit or one or more dirty fan filters. Replacing the failed unit or filters should resolve the problem. Alternately the environment that the NE is operating in may not be within specifications found in the NE user guides.		

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Table 16-187 TmnxEqPortEtherLoopDetected

Alarm	Attributes	Applicable major releases
Name: TmnxEqPortEtherLoopDetected (461) Type: portEtherLoopDetected (48) Package: ethernetequipment Raised on class: ethernetequipment.EthernetPortSpecifics	Severity: major Implicitly cleared: true Default probable cause: HighBer (238)	<ul style="list-style-type: none"> • 5.0 • 6.1 • 6.2
Description: The alarm is raised when a device detects a physical loop on an Ethernet port.		
Raising condition: (('Down When Looped Status' EQUAL 'Loop Detected'))		
Clearing condition: (('Down When Looped Status' EQUAL 'No Loop Detected'))		
Remedial action: An Ethernet port has been mis-cabled - please remove the loopback cable on the port.		

Table 16-188 TrapDestinationMisconfigured

Alarm	Attributes	Applicable major releases
Name: TrapDestinationMisconfigured (33) Type: configurationAlarm (11) Package: netw Raised on class: netw.NetworkElement	Severity: major Implicitly cleared: true Default probable cause: trapDestinationMisconfigured (26) Applicable probable causes: <ul style="list-style-type: none"> • trapDestinationMisconfigured • duplicateTrapLogId 	<ul style="list-style-type: none"> • 5.0 • 6.1 • 6.2
Description: The alarm is raised when the 5620 SAM cannot be added to the NE's SNMP trap destinations.		
Raising condition: ('isTrapDestinationMisconfigured' EQUAL 'true')		
Clearing condition: ('isTrapDestinationMisconfigured' EQUAL 'false')		
Remedial action: A configuration error has been made which must be corrected. The SNMP trap destination on the NE must be configured to the IP address of the SAM server.		

Table 16-189 TrapReceivingFailure

Alarm	Attributes	Applicable major releases
Name: TrapReceivingFailure (1083) Type: communications (87) Package: netw Raised on class: netw.NetworkElement	Severity: major Implicitly cleared: false Default probable cause: trapsWillNotBeSent (822)	<ul style="list-style-type: none"> • 5.0 • 6.1 • 6.2
Description: This user-defined alarm is raised when the NE is unable to send traps because the NE configuration is one of the following: - The Management IP Selection is set to Out Of Band Only, the Primary Route Preference is set to In Band, and the Secondary Route Preference is set to None. - The Management IP Selection is set to In Band Only, the Primary Route Preference is set to Out Of Band, and the Secondary Route Preference is set to None.		
Raising condition: (((('Active Management IP' EQUAL 'In Band') AND ('Management IP Selection' EQUAL 'In Band Only') AND ('Primary Route Preference' EQUAL 'Out Of Band') AND ('Secondary Route Preference' EQUAL 'None')) OR (('Active Management IP' EQUAL 'Out Of Band') AND ('Management IP Selection' EQUAL 'Out Of Band Only') AND ('Primary Route Preference' EQUAL 'In Band') AND ('Secondary Route Preference' EQUAL 'None')) OR (('Active Management IP' EQUAL 'Out Of Band') AND ('Management IP Selection' EQUAL 'In Band Preferred') AND ('Primary Route Preference' EQUAL 'In Band') AND ('Secondary Route Preference' EQUAL 'None')) OR (('Active Management IP' EQUAL 'In Band') AND ('Management IP Selection' EQUAL 'Out Of Band Preferred') AND ('Primary Route Preference' EQUAL 'Out Of Band') AND ('Secondary Route Preference' EQUAL 'None'))))		
Clearing condition: (((('Active Management IP' EQUAL 'In Band') AND ('Management IP Selection' EQUAL 'In Band Only') AND (('Primary Route Preference' EQUAL 'In Band') OR ('Secondary Route Preference' EQUAL 'In Band')) OR (('Active Management IP' EQUAL 'Out Of Band') AND ('Management IP Selection' EQUAL 'Out Of Band Only') AND (('Primary Route Preference' EQUAL 'Out Of Band') OR ('Secondary Route Preference' EQUAL 'Out Of Band')) OR (('Active Management IP' EQUAL 'Out Of Band') AND ('Management IP Selection' EQUAL 'In Band Preferred') AND (('Primary Route Preference' EQUAL 'Out Of Band') OR ('Secondary Route Preference' EQUAL 'Out Of Band')) OR (('Active Management IP' EQUAL 'In Band') AND ('Management IP Selection' EQUAL 'In Band Preferred') AND (('Primary Route Preference' EQUAL 'In Band') OR ('Secondary Route Preference' EQUAL 'In Band')) OR (('Active Management IP' EQUAL 'In Band') AND ('Management IP Selection' EQUAL 'Out Of Band Preferred') AND (('Primary Route Preference' EQUAL 'In Band') OR ('Secondary Route Preference' EQUAL 'In Band')) OR (('Active Management IP' EQUAL 'Out Of Band') AND ('Management IP Selection' EQUAL 'Out Of Band Preferred') AND (('Primary Route Preference' EQUAL 'Out Of Band') OR ('Secondary Route Preference' EQUAL 'Out Of Band'))))		
Remedial action: A configuration error has been made which must be corrected. The configuration error must be corrected per the discussion in the description for this alarm.		

Table 16-190 TrapRoutePreferenceRedundancyMissing

Alarm	Attributes	Applicable major releases
Name: TrapRoutePreferenceRedundancyMissing (1084) Type: communications (87) Package: netw Raised on class: netw.NetworkElement	Severity: warning Implicitly cleared: true Default probable cause: trapsRedundancyMissing (823)	<ul style="list-style-type: none"> • 5.0 • 6.1 • 6.2
Description: The user-defined alarm is raised when NE management redundancy is configured without trap route preference redundancy.		
Raising condition: (((('Management IP Selection' EQUAL 'In Band Preferred') AND ('Active Management IP' EQUAL 'In Band') AND ('Primary Route Preference' EQUAL 'In Band') AND ('Secondary Route Preference' EQUAL 'None')) OR (('Management IP Selection' EQUAL 'Out Of Band Preferred') AND ('Active Management IP' EQUAL 'Out Of Band') AND ('Primary Route Preference' EQUAL 'Out Of Band') AND ('Secondary Route Preference' EQUAL 'None'))))		
Clearing condition: (((('Management IP Selection' EQUAL 'In Band Preferred') AND ('Active Management IP' EQUAL 'In Band') AND ('Secondary Route Preference' NOT EQUAL 'None')) OR (('Management IP Selection' EQUAL 'Out Of Band Preferred') AND ('Active Management IP' EQUAL 'Out Of Band') AND ('Secondary Route Preference' NOT EQUAL 'None'))))		

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Alarm	Attributes	Applicable major releases
Remedial action: A configuration error has been made which must be corrected. The IP address of the standby SAM server must be configured on the NE in question.		

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Table 16-191 TunnelAdministrativelyDown (mpls)

Alarm	Attributes	Applicable major releases
Name: TunnelAdministrativelyDown (523) Type: pathAlarm (12) Package: mpls Raised on class: mpls.Tunnel	Severity: minor Implicitly cleared: true Default probable cause: tunnelAdministrativelyDown (333)	<ul style="list-style-type: none"> • 5.0 • 6.1 • 6.2
Description: The alarm is raised when the 5620 SAM detects that an MPLS path is administratively down.		
Raising condition: ('Administrative' NOT EQUAL 'Up')		
Clearing condition: ('Administrative' EQUAL 'Up')		
Remedial action: Turn up the corresponding MPLS path.		

Table 16-192 TunnelAdministrativelyDown (svt)

Alarm	Attributes	Applicable major releases
Name: TunnelAdministrativelyDown (523) Type: pathAlarm (12) Package: svt Raised on class: svt.Tunnel	Severity: minor Implicitly cleared: true Default probable cause: tunnelAdministrativelyDown (333)	<ul style="list-style-type: none"> • 5.0 • 6.1 • 6.2
Description: The alarm is raised when the 5620 SAM detects that a service tunnel is administratively down.		
Raising condition: ('administrativeState' NOT EQUAL 'Up')		
Clearing condition: ('administrativeState' EQUAL 'Up')		
Remedial action: Informational - an operator has manually turned down a service tunnel.		

Table 16-193 TunnelDown (mpls)

Alarm	Attributes	Applicable major releases
Name: TunnelDown (30) Type: pathAlarm (12) Package: mpls Raised on class: mpls.Tunnel	Severity: warning Implicitly cleared: true Default probable cause: tunnelDown (23)	<ul style="list-style-type: none"> • 5.0 • 6.1 • 6.2
Description: The alarm is raised when an MPLS path has an Operational State other than Up, and the Administrative State is Up.		

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Alarm	Attributes	Applicable major releases
Raising condition: (('Administrative' EQUAL 'Up') AND ('Operational' NOT EQUAL 'Up'))		
Clearing condition: (('Operational' EQUAL 'Up') OR ('Administrative' NOT EQUAL 'Up'))		
Remedial action: Check the network resources along the path.		

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Table 16-194 TunnelDown (svt)

Alarm	Attributes	Applicable major releases
Name: TunnelDown (30) Type: pathAlarm (12) Package: svt Raised on class: svt.AbstractTunnel	Severity: critical Implicitly cleared: true Default probable cause: tunnelDown (23)	<ul style="list-style-type: none"> • 5.0 • 6.1 • 6.2
Description: The alarm is raised when the 5620 SAM detects that a service tunnel is operationally down.		
Raising condition: (('Administrative' EQUAL 'Up') AND ('Operational' NOT EQUAL 'Up'))		
Clearing condition: (('Operational' EQUAL 'Up') OR ('Administrative' NOT EQUAL 'Up'))		
Remedial action: This alarm indicates that a problem has been made in the underlying transport network. If the alarm persists or re-occurs frequently then investigation of the underlying transport issues is warranted.		

Table 16-195 TwampRefInactivityTimeout

Alarm	Attributes	Applicable major releases
Name: TwampRefInactivityTimeout (4969) Type: communicationsAlarm (4) Package: sas Raised on class: sas.TwampSrv	Severity: major Implicitly cleared: true Default probable cause: TWAMPReflectorInactivityTimeout (2024)	<ul style="list-style-type: none"> • 5.0 • 6.1 • 6.2
Description: tmnxTwampSrvNotifClientAddrType, tmnxTwampSrvNotifClientAddr, aluTwampRefNotifLocalAddrType, aluTwampRefNotifLocalAddr, aluTwampRefNotifLocalPort, aluTwampRefNotifRemoteAddrType, aluTwampRefNotifRemoteAddr, aluTwampRefNotifRemotePort The alarm is raised when a TWAMP test session was disconnected by the TWAMP Reflector because the session was inactive for a period exceeding the reflector's inactivity timeout (Reflector Test Session Timeout). The TWAMP reflector cannot receive any traffic on the disconnected session. RECOVERY - Check the IP connectivity between this reflector and the TWAMP client.		
Remedial action: Verify the value of the ref-inactivity-timeout and modify it according to the operational needs.		

Table 16-196 TxSectionSynchronizationError

Alarm	Attributes	Applicable major releases
Name: TxSectionSynchronizationError (92) Type: communicationsAlarm (4) Package: sonetequipment Raised on class: sonetequipment.SonetPortMonitorSpecifics	Severity: major Implicitly cleared: true Default probable cause: txSectionSynchronizationError (78)	<ul style="list-style-type: none"> • 5.0 • 6.1 • 6.2
Description: The alarm is raised when a SONET port reports an SS1F error. The alarm corresponds to the ss1f alarm on an NE.		
Raising condition: (('Outstanding Alarms'anyBit'TX Section Synchronization Error') AND ('Report Alarms'anyBit'TX Section Synchronization Error'))		
Clearing condition: NOT (('Outstanding Alarms'anyBit'TX Section Synchronization Error') AND ('Report Alarms'anyBit'TX Section Synchronization Error'))		
Remedial action: Check the SONET port is configured correctly and that the physical layer cabling is operating correctly. Call customer support if necessary.		

Table 16-197 UnidentifiedNode

Alarm	Attributes	Applicable major releases
Name: UnidentifiedNode (1922) Type: communicationsAlarm (4) Package: netw Raised on class: netw.DiscoveredNode	Severity: major Implicitly cleared: true Default probable cause: unidentifiedNode (922)	<ul style="list-style-type: none"> • 5.0 • 6.1 • 6.2
Description: The alarm is raised when the node being discovered can not be properly identified.		
Raising condition: ('State' EQUAL 'Pending Identification')		
Clearing condition: ('State' NOT EQUAL 'Pending Identification')		
Remedial action: A configuration error has occurred that must be corrected. The eNodeB does not have a system name. The name can be configured by selecting the alarm, opening the associated properties form for the alarmed object and configuring the system name.		

Table 16-198 UnmanageFailed

Alarm	Attributes	Applicable major releases
Name: UnmanageFailed (300) Type: discoveryControlAlarm (33) Package: netw Raised on class: netw.NodeDiscoveryControl	Severity: warning Implicitly cleared: true Default probable cause: unableToDeleteNode (231)	<ul style="list-style-type: none"> • 5.0 • 6.1 • 6.2
Description: The alarm is raised when an attempt to unmanage an NE fails.		
Raising condition: ('Site State' EQUAL 'Unmanage Failed')		
Clearing condition: ('Site State' NOT EQUAL 'Unmanage Failed')		

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Alarm	Attributes	Applicable major releases
Remedial action: Informational - if the alarm persists please contact Alcatel-Lucent support for assistance		

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Table 16-199 UpgradedBuildVersionMismatch

Alarm	Attributes	Applicable major releases
Name: UpgradedBuildVersionMismatch (174) Type: configurationAlarm (11) Package: netw Raised on class: netw.NetworkElement	Severity: warning Implicitly cleared: true Default probable cause: upgradedImageNotBooted (137)	<ul style="list-style-type: none"> • 5.0 • 6.1 • 6.2
Description: The alarm is raised when the software version that an NE reports after a software upgrade does not match the version of the software used for the upgrade.		
Raising condition: ('upgradedBuildVersionMismatch' EQUAL 'true')		
Clearing condition: ('upgradedBuildVersionMismatch' EQUAL 'false')		
Remedial action: Informational - if the alarm persists please contact Alcatel-Lucent support for assistance		

Table 16-200 upgradedCardAlarm

Alarm	Attributes	Applicable major releases
Name: upgradedCardAlarm (255) Type: softwareAlarm (19) Package: equipment Raised on class: equipment.Card	Severity: warning Implicitly cleared: true Default probable cause: upgradedCard (194)	<ul style="list-style-type: none"> • 5.0 • 6.1 • 6.2
Description: The alarm is raised when the standby CPM is rebooted and operational after a software upgrade. A device resets an IOM automatically after 120 minutes if the IOM is not manually reset after a CPM upgrade.		
Raising condition: ('operationalState' EQUAL 'Upgrade')		
Clearing condition: ('operationalState' EQUAL 'Up')		
Remedial action: Informational - no corrective action required.		

Table 16-201 VersionConfigRestoreFailed

Alarm	Attributes	Applicable major releases
Name: VersionConfigRestoreFailed (536) Type: configurationAlarm (11) Package: sw Raised on class: sw.BackupRestoreManager	Severity: major Implicitly cleared: true Default probable cause: versionMismatch (405)	<ul style="list-style-type: none"> • 5.0 • 6.1 • 6.2

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Alarm	Attributes	Applicable major releases
Description: The alarm is raised when the restore procedure on an NE fails because of a mismatch between the backup file set version and the NE software version.		
Raising condition: ('lastNmsVersionRestoreState' EQUAL 'Failure')		
Clearing condition: ('lastNmsVersionRestoreState' EQUAL 'Success')		
Remedial action: The backup files being restored do not match with the version of node software release. Download a new copy of the SW image to the NE. If the problem persists contact Alcatel-Lucent support for assistance.		

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Table 16-202 VirtualLinkDown

Alarm	Attributes	Applicable major releases
Name: VirtualLinkDown (122) Type: VirtualLinkAlarm (21) Package: ospf Raised on class: ospf.VirtualLink	Severity: warning Implicitly cleared: true Default probable cause: VirtualLinkDown (104)	<ul style="list-style-type: none"> • 5.0 • 6.1 • 6.2
Description: The alarm is raised when a virtual link is Down.		
Raising condition: ('Operational State' EQUAL 'Down')		
Clearing condition: ('Operational State' NOT EQUAL 'Down')		
Remedial action: This alarm is raised when the OSPF virtual link is operationally down. The situation may occur if the underlying physical interface is down either because of administrative disabling or a fault on the far end port or due to a cable connection or cable failure. This alarm will also be raised if the underlying transport network fails or is unreliable. Resolving the underlying instability in the transport network will correct this problem.		

Table 16-203 VirtualNeighborDown

Alarm	Attributes	Applicable major releases
Name: VirtualNeighborDown (123) Type: VirtualNeighborDown (22) Package: ospf Raised on classes: <ul style="list-style-type: none"> • ospf.ShamLink • ospf.VirtualLink 	Severity: warning Implicitly cleared: true Default probable cause: VirtualNeighborDown (105)	<ul style="list-style-type: none"> • 5.0 • 6.1 • 6.2
Description: The alarm is raised when a neighbor virtual link is operationally down.		
Raising condition: ('neighborCount' EQUAL '0L')		
Clearing condition: ('neighborCount' NOT EQUAL '0L')		
Remedial action: This alarm is raised when the OSPF neighbor virtual link is operationally down. The situation may occur if the underlying physical interface is down either because of administrative disabling or a fault on the far end port or due to a cable connection or cable failure. This alarm will also be raised if the underlying transport network fails or is unreliable. Resolving the underlying instability in the transport network will correct this problem.		

Table 16-204 WrongCpaaSoftwareVersion

Alarm	Attributes	Applicable major releases
Name: WrongCpaaSoftwareVersion (791) Type: equipmentAlarm (3) Package: netw Raised on class: netw.NetworkElement	Severity: critical Implicitly cleared: true Default probable cause: wrongCpaaSoftwareVersion (559)	<ul style="list-style-type: none"> • 5.0 • 6.1 • 6.2
Description: The alarm is raised when the 7701 CPAA software is the wrong version and requires an upgrade.		
Raising condition: (('Software Version' EQUAL '\TIMOS-B-3.0.Generic \') AND ('Chassis Type' EQUAL '7701 CPAA'))		
Clearing condition: (('Software Version' NOT EQUAL '\TIMOS-B-3.0.Generic \') AND ('Chassis Type' EQUAL '7701 CPAA'))		
Remedial action: The SW version of the CPAA must be upgraded to the version compatible with CPAM version.		

Table 16-205 XplError

Alarm	Attributes	Applicable major releases
Name: XplError (573) Type: hardwareAnomaly (55) Package: equipment Raised on class: equipment.DaughterCard	Severity: minor Implicitly cleared: true Default probable cause: xplError (443)	<ul style="list-style-type: none"> • 5.0 • 6.1 • 6.2
Description: The alarm is raised when an MDA reports persistent XPL Errors.		
Raising condition: ('Number Of Notifications' NOT EQUAL '0')		
Clearing condition: ('Number Of Notifications' EQUAL '0')		
Remedial action: Informational - if the condition persists then the MDA indicated in the alarm should be replaced.		

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Note – Some alarms that the 5620 SAM can raise against this device may not be listed in this chapter. Associating alarms with specific NE types is an ongoing Alcatel-Lucent effort. If the 5620 SAM raises an alarm against this device type, and the alarm is not described in this chapter, see chapter 41 for information about the alarm.

Table 17-1 AccessInterfaceDown

Alarm	Attributes	Applicable major releases
Name: AccessInterfaceDown (249) Type: AccessInterfaceAlarm (32) Package: service Raised on class: service.AccessInterface	Severity: critical Implicitly cleared: true Default probable cause: interfaceDown (32)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when an L2 or L3 interface operational state is Down. The alarm is not raised against an L2 access interface that is associated with an MC ring or MC LAG in the standby state.		
Raising condition: (('Operational State' NOT EQUAL 'Up') AND ('State Cause' NOT EQUAL 'Standby For MC-Ring') AND ('State Cause' NOT EQUAL 'Standby For MC-Lag') AND ('State Cause' NOT EQUAL 'Standby For BGP Multi-homing'))		
Clearing condition: (('Operational State' EQUAL 'Up') OR ('State Cause' EQUAL 'Standby For MC-Ring') OR ('State Cause' EQUAL 'Standby For MC-Lag') OR ('State Cause' EQUAL 'Standby For BGP Multi-homing'))		
Remedial action: The condition exists because the physical interface is down either because it is administratively disabled, faulty or a cabling fault has occurred. Ensure that the interface is administratively up. Check for a poor cable connection to the port or for a faulty cable/fiber. If neither appears to be the problem run diagnostics on the port to determine if it is faulty.		

Table 17-2 ActiveAbnormalCondition

Alarm	Attributes	Applicable major releases
Name: ActiveAbnormalCondition (3938) Type: activeAbnormalConditionAlarm (116) Package: netw Raised on class: netw.NetworkElement	Severity: major Implicitly cleared: true Default probable cause: ActiveAbnormalConditionState (1520)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is an indication for abnormal condition on NE.		
Raising condition: ('abnormalCondition' EQUAL 'true')		
Clearing condition: ('abnormalCondition' EQUAL 'false')		
Remedial action: This alarm is raised when there is a abnormal state indication on NE.		

Table 17-3 AggregatedVFLPortDown

Alarm	Attributes	Applicable major releases
Name: AggregatedVFLPortDown (5436) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.Shelf	Severity: critical Implicitly cleared: true Default probable cause: connectivityIssue (2137)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is generated when the aggregated virtual fabric link on the virtual chassis slot is down.		
Raising condition: (('Shelf Type' EQUAL '7850') AND ('Total Slots' EQUAL '4') AND ('Virtual Fabric Link State' NOT EQUAL 'Up'))		
Clearing condition: (('Shelf Type' EQUAL '7850') AND ('Total Slots' EQUAL '4') AND ('Virtual Fabric Link State' EQUAL 'Up'))		
Remedial action: The alarm is raised when the aggregated virtual fabric link on the virtual chassis is down. Please check the virtual fabric links for the virtual chassis setup.		

Table 17-4 AGWDiameterPeerDown

Alarm	Attributes	Applicable major releases
Name: AGWDiameterPeerDown (844) Type: EpcAlarm (59) Package: Ite Raised on class: Ite.AGWDiameterPeer	Severity: variable Implicitly cleared: true Default probable cause: EPSPeerDown (602)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when the path management state of a Diameter peer changes to a state other than Up.		
Raising condition: ('Path Diameter Management State' NOT EQUAL 'Active')		
Clearing condition: ('Path Diameter Management State' EQUAL 'Active')		
Remedial action: A Ga reference point (peer) is operationally down for one of the following reasons: the underlying IP or physical interface is down, the far end peer is down or the underlying transport between this NE and the peer NE is down. To resolve the issue ensure that the IP/physical interface is up, check that the far end peer is operational and check that the underlying transport network is up.		

Table 17-5 AncillaryPathLimitReached

Alarm	Attributes	Applicable major releases
Name: AncillaryPathLimitReached (459) Type: resourceAlarm (28) Package: equipment Raised on class: equipment.DaughterCard	Severity: warning Implicitly cleared: true Default probable cause: resourceLimitReached (131)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when the Ingress Multicast Path Management ancillary path bandwidth limit is reached.		
Raising condition: (('Ancillary Path Limit Override' > '0') AND ('Ancillary Path In use' >= " (1000 * 'Ancillary Path Limit Override')"))		
Clearing condition: (('Ancillary Path Limit Override' > '0') AND ('Ancillary Path In use' < (1000 * 'Ancillary Path Limit Override'))		
Remedial action: Informational - The alarm is raised when the Ingress Multicast Path Management ancillary path bandwidth limit is reached. This can be remedied by modifying the ancillary path limit located at T1 Paths tab of the multicast bandwidth policy which assigned to the card, or increase the ancillary path limit override located at the Daughter Card tab under Daughter Card Slot form.		

Table 17-6 AreaTypeMismatch

Alarm	Attributes	Applicable major releases
Name: AreaTypeMismatch (38) Type: configurationAlarm (11) Package: ospf Raised on class: ospf.Area	Severity: warning Implicitly cleared: true Default probable cause: areaTypeMisconfigured (34)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when an OSPF area on one NE is configured as an NSSA and the same OSPF area on another NE is configured as a stub area.		
Raising condition: ('Type Mismatch' EQUAL 'true')		
Clearing condition: ('Type Mismatch' EQUAL 'false')		
Remedial action: A configuration error has been made which must be corrected. The OSPF area type configured for the NE does not match with the same OSPF area configured on another NE. Compare the configuration on the endpoint and correct the mismatch.		

Table 17-7 AsymmetricalConfig (lag)

Alarm	Attributes	Applicable major releases
Name: AsymmetricalConfig (295) Type: configurationAlarm (11) Package: lag Raised on classes: <ul style="list-style-type: none"> • lag.MultiChassisLag • lag.MultiChassisLagMember 	Severity: major Implicitly cleared: true Default probable cause: asymmetricalConfig (226)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when the members of an MC LAG do not have matching configurations.		
Raising condition: ('configMismatches' NOT EQUAL '0L')		

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Alarm	Attributes	Applicable major releases
Clearing condition: ('configMismatches' EQUAL '0L')		
Remedial action: Check configurations on both members to see anything not matched.		

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Table 17-8 AsymmetricalConfig (multichassis)

Alarm	Attributes	Applicable major releases
Name: AsymmetricalConfig (295) Type: configurationAlarm (11) Package: multichassis Raised on classes: <ul style="list-style-type: none"> • multichassis.AbstractMultiChassisLag • multichassis.MultiChassisLagMember • multichassis.AbstractMultiChassisPeer 	Severity: major Implicitly cleared: true Default probable cause: asymmetricalConfig (226)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when there is a peer configuration mismatch that prevents MC operation.		
Raising condition: ('Config Mismatches' NOT EQUAL '0L')		
Clearing condition: ('Config Mismatches' EQUAL '0L')		
Remedial action: Check configurations on both members to see anything not matched.		

Table 17-9 AuthKeyConflict (rsvp)

Alarm	Attributes	Applicable major releases
Name: AuthKeyConflict (5188) Type: processingErrorAlarm (81) Package: rsvp Raised on class: rsvp.AuthenticationKey	Severity: warning Implicitly cleared: true Default probable cause: AuthKeyConflict (2103)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when both Authentication Key and RSVP Keychain are configured. RSVP Keychain will be used.		
Raising condition: (('RSVP Keychain' NOT EQUAL "") AND ('enableAuthentication' EQUAL 'true'))		
Clearing condition: (('RSVP Keychain' EQUAL "") OR ('enableAuthentication' NOT EQUAL 'true'))		
Remedial action: Authentication Key and RSVP Keychain are both configured. RSVP Keychain will be used. The alarm is cleared when only one is configured.		

Table 17-10 AuxiliaryServerStatus

Alarm	Attributes	Applicable major releases
Name: AuxiliaryServerStatus (311) Type: communicationsAlarm (4) Package: server Raised on class: server.AuxiliaryServer	Severity: critical Implicitly cleared: true Default probable cause: systemFailed (144)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when a 5620 SAM main server cannot communicate with an auxiliary server. The alarm clears when communication is restored.		
Raising condition: ('Server Status' EQUAL 'Down')		
Clearing condition: ('Server Status' EQUAL 'Up')		
Remedial action: Informational - if the alarm persists or is occurring frequently then investigation is required to understand why the connectivity between the AUX and SAM servers is unreliable.		

Table 17-11 BerLineSignalDegradation

Alarm	Attributes	Applicable major releases
Name: BerLineSignalDegradation (88) Type: communicationsAlarm (4) Package: sonetequipment Raised on class: sonetequipment.SonetPortMonitorSpecifics	Severity: major Implicitly cleared: true Default probable cause: berLineSignalDegradation (74)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when a SONET port reports a line signal degradation BER error. The alarm corresponds to the lb2er-sd alarm on an NE.		
Raising condition: (('Outstanding Alarms'anyBit'BER Line Signal Degradation') AND ('Report Alarms'anyBit'BER Line Signal Degradation'))		
Clearing condition: NOT (((('Outstanding Alarms'anyBit'BER Line Signal Degradation') AND ('Report Alarms'anyBit'BER Line Signal Degradation'))))		
Remedial action: Informational only.		

Table 17-12 BerLineSignalFailure

Alarm	Attributes	Applicable major releases
Name: BerLineSignalFailure (89) Type: communicationsAlarm (4) Package: sonetequipment Raised on class: sonetequipment.SonetPortMonitorSpecifics	Severity: major Implicitly cleared: true Default probable cause: berLineSignalFailure (75)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when a SONET port reports a line signal degradation BER error. The alarm corresponds to the lb2er-sf alarm on an NE.		
Raising condition: (('Outstanding Alarms'anyBit'BER Line Signal Failure') AND ('Report Alarms'anyBit'BER Line Signal Failure'))		

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Alarm	Attributes	Applicable major releases
Clearing condition: NOT (('Outstanding Alarms'anyBit'BER Line Signal Failure) AND ('Report Alarms'anyBit'BER Line Signal Failure'))		
Remedial action: Informational only.		

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Table 17-13 BfdInterfaceConnectionBroken

Alarm	Attributes	Applicable major releases
Name: BfdInterfaceConnectionBroken (3329) Type: serviceAlarm (16) Package: vrrp Raised on class: vrrp.BfdInterface	Severity: minor Implicitly cleared: true Default probable cause: bfdSessionConnectionBroken (593)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when the BFD connection to a peer times out.		
Raising condition: ('Operational State' EQUAL 'Timed Out')		
Clearing condition: ('Operational State' NOT EQUAL 'Timed Out')		
Remedial action: Check the peer router, fix the BFD connection		

Table 17-14 BfdInterfaceConnectionDown

Alarm	Attributes	Applicable major releases
Name: BfdInterfaceConnectionDown (3330) Type: serviceAlarm (16) Package: vrrp Raised on class: vrrp.BfdInterface	Severity: minor Implicitly cleared: true Default probable cause: bfdSessionDown (346)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when the Operational State of a BFD session is Not Connected.		
Raising condition: ('Operational State' NOT EQUAL 'Operational')		
Clearing condition: ('Operational State' EQUAL 'Operational')		
Remedial action: Check the BFD interface configuration, fix the BFD connection		

Table 17-15 BfdInterfaceConnectionPeerDetectsDown

Alarm	Attributes	Applicable major releases
Name: BfdInterfaceConnectionPeerDetectsDown (3331) Type: serviceAlarm (16) Package: vrrp Raised on class: vrrp.BfdInterface	Severity: minor Implicitly cleared: true Default probable cause: bfdSessionConnectionPeerDetectsDown (594)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when a BFD peer detects a connection timeout.		
Raising condition: ('Operational State' EQUAL 'Down')		
Clearing condition: ('Operational State' NOT EQUAL 'Down')		
Remedial action: Fix the BFD connection		

Table 17-16 BgpDown

Alarm	Attributes	Applicable major releases
Name: BgpDown (6) Type: ProtocolAlarm (1) Package: bgp Raised on class: bgp.Site	Severity: critical Implicitly cleared: true Default probable cause: protocolDown (1)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when a BGP instance has an Operational State other than Up, and the Administrative State is Up.		
Raising condition: (('Administrative State' EQUAL 'Up') AND ('Operational State' NOT EQUAL 'Up'))		
Clearing condition: (('Operational State' EQUAL 'Up') OR ('Administrative State' NOT EQUAL 'Up'))		
Remedial action: The BGP protocol entity is down - administratively disable BGP and re-enable. If the problem persists please contact Alcatel-Lucent support for assistance.		

Table 17-17 BITS2NotQualified

Alarm	Attributes	Applicable major releases
Name: BITS2NotQualified (1941) Type: communicationsAlarm (4) Package: sonet Raised on class: sonet.SiteSync	Severity: minor Implicitly cleared: true Default probable cause: timingReferenceNotQualified (418)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when the BITS-2 timing reference on an NE is not in the Qualified state.		
Raising condition: (('Qualified For Use' EQUAL 'Not Qualified') AND ('Input Administrative State' NOT EQUAL 'Down'))		
Clearing condition: (('Qualified For Use' NOT EQUAL 'Not Qualified') OR ('Input Administrative State' EQUAL 'Down'))		
Remedial action: Make sure that BITS2 is qualified		

Table 17-18 BITSNotQualified

Alarm	Attributes	Applicable major releases
Name: BITSNotQualified (547) Type: communicationsAlarm (4) Package: sonet Raised on class: sonet.SiteSync	Severity: minor Implicitly cleared: true Default probable cause: timingReferenceNotQualified (418)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when the BITS timing reference on an NE is not in the Qualified state.		
Raising condition: (('Qualified For Use' EQUAL 'Not Qualified') AND ('Output Administrative State' NOT EQUAL 'Down'))		
Clearing condition: (('Qualified For Use' NOT EQUAL 'Not Qualified') OR ('Output Administrative State' EQUAL 'Down'))		
Remedial action: Make sure that BITS is qualified		

Table 17-19 BITSReferenceLossOfSignal

Alarm	Attributes	Applicable major releases
Name: BITSReferenceLossOfSignal (1950) Type: communicationsAlarm (4) Package: sonet Raised on class: sonet.SiteSync	Severity: minor Implicitly cleared: true Default probable cause: BITSReferenceLossOfSignal (938)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when the BITS reference on an NE is not qualified due to Loss of Signal.		
Raising condition: (('Not Qualified Due To'anyBit'LOS'))		
Clearing condition: NOT (('Not Qualified Due To'anyBit'LOS'))		
Remedial action: Make sure that peer connected to BITS is properly configured.		

Table 17-20 BITSReferenceOutOfFrequency

Alarm	Attributes	Applicable major releases
Name: BITSReferenceOutOfFrequency (1951) Type: communicationsAlarm (4) Package: sonet Raised on class: sonet.SiteSync	Severity: minor Implicitly cleared: true Default probable cause: BITSReferenceOutOfFrequency (939)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when the BITS Reference on an NE is not qualified due to Out of frequency.		
Raising condition: (('Not Qualified Due To'anyBit'OOF'))		
Clearing condition: NOT (('Not Qualified Due To'anyBit'OOF'))		
Remedial action: Make sure that frequency configured for BITS is correct.		

Table 17-21 BITSReferenceOutOfPollInRange

Alarm	Attributes	Applicable major releases
Name: BITSReferenceOutOfPollInRange (1952) Type: communicationsAlarm (4) Package: sonet Raised on class: sonet.SiteSync	Severity: minor Implicitly cleared: true Default probable cause: BITSReferenceOutOfPollInRange (940)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when the BITS Reference on an NE is not qualified state due to Out of poll in range.		
Raising condition: (('Not Qualified Due To'anyBit'OOPIR'))		
Clearing condition: NOT (('Not Qualified Due To'anyBit'OOPIR'))		
Remedial action: Check the BITS is configured correctly. Check the SONET port is configured correctly and that the physical layer cabling is operating correctly. Call customer support if necessary		

Table 17-22 BootableConfigBackupFailed

Alarm	Attributes	Applicable major releases
Name: BootableConfigBackupFailed (103) Type: configurationAlarm (11) Package: sw Raised on class: sw.BackupRestoreManager	Severity: major Implicitly cleared: true Default probable cause: fileTransferFailure (89)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when the 5620 SAM fails to back up a set of NE configuration files.		
Raising condition: ('Backup State' EQUAL 'Failure')		
Clearing condition: ('Backup State' EQUAL 'Success')		
Remedial action: Investigation is required to resolve the following possible scenarios: insufficient disk space is available to accommodate the NE configuration files (additional SAM platform alarms will accompany this alarm); the NE is unreachable (including underlying transport network issue); loss of connectivity to the NE during transfer; the FTP daemon on the NE may have stopped; FTP security credential issues.		

Table 17-23 BootableConfigRestoreFailed

Alarm	Attributes	Applicable major releases
Name: BootableConfigRestoreFailed (104) Type: configurationAlarm (11) Package: sw Raised on class: sw.BackupRestoreManager	Severity: major Implicitly cleared: true Default probable cause: fileTransferFailure (89)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when the 5620 SAM fails to restore a set of NE configuration files.		
Raising condition: ('Restore State' EQUAL 'Failure')		
Clearing condition: ('Restore State' EQUAL 'Success')		

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Alarm	Attributes	Applicable major releases
Remedial action: Investigation is required to resolve the following possible scenarios: the NE is unreachable (including underlying transport network issue); loss of connectivity to the NE during transfer; the FTP daemon on the NE may have stopped; FTP security credential issues.		

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Table 17-24 BootParametersMisconfigured

Alarm	Attributes	Applicable major releases
Name: BootParametersMisconfigured (35) Type: configurationAlarm (11) Package: netw Raised on class: netw.NetworkElement	Severity: critical Implicitly cleared: true Default probable cause: persistentIndexFailure (30) Applicable probable causes: <ul style="list-style-type: none"> • persistentIndexFailure • configFileBootFailure 	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when the SNMP Index Boot Status on an NE is not set to Persistent.		
Raising condition: (('isGenericNode' EQUAL 'false') AND ('State' NOT EQUAL 'Pre-provisioned') AND (('Config File Status' NOT EQUAL 'Executed Successfully') AND ('Config File Status' NOT EQUAL 'configFileStatus_unspecified')) OR (('Persistent Index Status' NOT EQUAL 'Rebuild Succeeded') AND ('Persistent Index Status' NOT EQUAL 'persistentIndexStatus_unspecified'))))		
Clearing condition: (('Config File Status' EQUAL 'Executed Successfully') AND ('Persistent Index Status' EQUAL 'Rebuild Succeeded'))		
Remedial action: Ensure that "SNMP Index Boot Status" is persistent (using cli command "show system information" on the NE). If not, unmanage the network element from SAM, ensure that "persist on" is set in the bof file, save the bof, save a config file, verify that an index file (.ndx) is saved as well, reboot the router, verify that SNMP Index Boot Status is persistent and finally remanage the router from SAM.		

Table 17-25 BundleDown

Alarm	Attributes	Applicable major releases
Name: BundleDown (152) Type: equipmentAlarm (3) Package: bundle Raised on class: bundle.Interface	Severity: critical Implicitly cleared: true Default probable cause: bundleDown (128)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when the bundle Administrative State is Up and the Operational State is Down.		
Raising condition: (('Protection Type' EQUAL 'None') AND ('Administrative State' EQUAL 'Up') AND ('operationalState' NOT EQUAL 'Up') AND ('specificCardType' NOT EQUAL '16 x E1 (ASAP)'))		
Clearing condition: (('Protection Type' NOT EQUAL 'None') OR ('operationalState' EQUAL 'Up') OR ('Administrative State' NOT EQUAL 'Up'))		
Remedial action: Informational - no corrective action required.		

Table 17-26 CesBfrOverrun

Alarm	Attributes	Applicable major releases
Name: CesBfrOverrun (448) Type: communicationsAlarm (4) Package: vll Raised on class: vll.VIICesInterfaceSpecifics	Severity: major Implicitly cleared: true Default probable cause: bufferOverrun (322)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when the 5620 SAM detects a jitter buffer overrun.		
Raising condition: (('Report Alarm Status'anyBit'Buffer Overrun') AND ('Report Alarm'anyBit'Buffer Overrun'))		
Clearing condition: NOT (('Report Alarm Status'anyBit'Buffer Overrun') AND ('Report Alarm'anyBit'Buffer Overrun'))		
Remedial action: Informational - if the alarm persists or is occurring frequently then investigation is required to understand why the underlying transport network is unreliable.		

Table 17-27 CesBfrUnderrun

Alarm	Attributes	Applicable major releases
Name: CesBfrUnderrun (449) Type: communicationsAlarm (4) Package: vll Raised on class: vll.VIICesInterfaceSpecifics	Severity: major Implicitly cleared: true Default probable cause: bufferOverrun (322)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when the 5620 SAM detects a jitter buffer underrun.		
Raising condition: (('Report Alarm Status'anyBit'Buffer Underrun') AND ('Report Alarm'anyBit'Buffer Underrun'))		
Clearing condition: NOT (('Report Alarm Status'anyBit'Buffer Underrun') AND ('Report Alarm'anyBit'Buffer Underrun'))		
Remedial action: Informational - if the alarm persists or is occurring frequently then investigation is required to understand why the underlying transport network is unreliable.		

Table 17-28 CesMalformedPkts

Alarm	Attributes	Applicable major releases
Name: CesMalformedPkts (446) Type: communicationsAlarm (4) Package: vll Raised on class: vll.VIICesInterfaceSpecifics	Severity: major Implicitly cleared: true Default probable cause: malformedPackets (320)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when the 5620 SAM detects one or more malformed packets.		
Raising condition: (('Report Alarm Status'anyBit'Malformed Packets') AND ('Report Alarm'anyBit'Malformed Packets'))		
Clearing condition: NOT (('Report Alarm Status'anyBit'Malformed Packets') AND ('Report Alarm'anyBit'Malformed Packets'))		
Remedial action: Informational - if the alarm persists or is occurring frequently then investigation is required to understand why the underlying transport network is unreliable.		

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Table 17-29 CesPktLoss

Alarm	Attributes	Applicable major releases
Name: CesPktLoss (447) Type: communicationsAlarm (4) Package: vll Raised on class: vll.VIICesInterfaceSpecifics	Severity: major Implicitly cleared: true Default probable cause: lossOfPacket (321)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when the 5620 SAM detects a packet loss.		
Raising condition: (('Report Alarm Status'anyBit'Packet Loss') AND ('Report Alarm'anyBit'Packet Loss'))		
Clearing condition: NOT (('Report Alarm Status'anyBit'Packet Loss') AND ('Report Alarm'anyBit'Packet Loss'))		
Remedial action: Informational - if the alarm persists or is occurring frequently then investigation is required to understand why the underlying transport network is unreliable.		

Table 17-30 CesRmtPktLoss

Alarm	Attributes	Applicable major releases
Name: CesRmtPktLoss (450) Type: communicationsAlarm (4) Package: vll Raised on class: vll.VIICesInterfaceSpecifics	Severity: minor Implicitly cleared: true Default probable cause: farEndLossOfPacket (323)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when the 5620 SAM detects a remote packet loss.		
Raising condition: (('Report Alarm Status'anyBit'Remote Packet Loss') AND ('Report Alarm'anyBit'Remote Packet Loss'))		
Clearing condition: NOT (('Report Alarm Status'anyBit'Remote Packet Loss') AND ('Report Alarm'anyBit'Remote Packet Loss'))		
Remedial action: Informational - if the alarm persists or is occurring frequently then investigation is required to understand why the underlying transport network is unreliable.		

Table 17-31 CesRmtRdi

Alarm	Attributes	Applicable major releases
Name: CesRmtRdi (452) Type: configurationAlarm (11) Package: vll Raised on class: vll.VIICesInterfaceSpecifics	Severity: minor Implicitly cleared: false Default probable cause: farEndRdi (325)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when the 5620 SAM detects a remote RDI.		
Raising condition: (('Report Alarm Status'anyBit'Remote RDI') AND ('Report Alarm'anyBit'Remote RDI'))		
Clearing condition: NOT (('Report Alarm Status'anyBit'Remote RDI') AND ('Report Alarm'anyBit'Remote RDI'))		
Remedial action: Informational - if the alarm persists or is occurring frequently then investigation is required to understand why the underlying transport network is unreliable.		

Table 17-32 CesRmtTdmFault

Alarm	Attributes	Applicable major releases
Name: CesRmtTdmFault (451) Type: configurationAlarm (11) Package: vll Raised on class: vll.VIICesInterfaceSpecifics	Severity: minor Implicitly cleared: false Default probable cause: tdmFarEndFault (324)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when the 5620 SAM detects a remote TDM fault.		
Raising condition: (('Report Alarm Status'anyBit'Remote TDM Fault') AND ('Report Alarm'anyBit'Remote TDM Fault'))		
Clearing condition: NOT (('Report Alarm Status'anyBit'Remote TDM Fault') AND ('Report Alarm'anyBit'Remote TDM Fault'))		
Remedial action: Informational - if the alarm persists or is occurring frequently then investigation is required to understand why the underlying transport network is unreliable.		

Table 17-33 CesStrayPkts

Alarm	Attributes	Applicable major releases
Name: CesStrayPkts (445) Type: communicationsAlarm (4) Package: vll Raised on class: vll.VIICesInterfaceSpecifics	Severity: minor Implicitly cleared: true Default probable cause: strayPackets (319)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when the 5620 SAM detects received stray packets.		
Raising condition: (('Report Alarm Status'anyBit'Stray Packets') AND ('Report Alarm'anyBit'Stray Packets'))		
Clearing condition: NOT (('Report Alarm Status'anyBit'Stray Packets') AND ('Report Alarm'anyBit'Stray Packets'))		
Remedial action: Informational - if the alarm persists or is occurring frequently then investigation is required to understand why the underlying transport network is unreliable.		

Table 17-34 CircuitStpExceptionCondition

Alarm	Attributes	Applicable major releases
Name: CircuitStpExceptionCondition (648) Type: SdpBindingAlarm (30) Package: l2fwd Raised on class: l2fwd.CircuitStp	Severity: major Implicitly cleared: true Default probable cause: StpException (228)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when an NE detects an STP exception condition on a SAP, for example, one-way communication or a downstream loop. The alarm clears when the STP status changes.		
Raising condition: (('STP Exception Condition' NOT EQUAL 'None') AND ('Administrative State' EQUAL 'Up'))		
Clearing condition: (('STP Exception Condition' EQUAL 'None') OR ('Administrative State' EQUAL 'Down'))		
Remedial action: Check 'STP Exception Condition' field for more details and fix the STP exception.		

Table 17-35 ClientDelegateServerStatus

Alarm	Attributes	Applicable major releases
Name: ClientDelegateServerStatus (731) Type: communicationsAlarm (4) Package: server Raised on class: server.ClientDelegateServer	Severity: critical Implicitly cleared: true Default probable cause: systemFailed (144)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when a client delegate server is unreachable.		
Raising condition: ('Server Status' EQUAL 'Down')		
Clearing condition: ('Server Status' EQUAL 'Up')		
Remedial action: Informational - if the alarm persists or is occurring frequently then investigation is required to understand why the connectivity between the client delegate platform and SAM servers is unreliable or the client delegate server itself is unreliable.		

Table 17-36 ConfigurationRescueFileDeleteStatus

Alarm	Attributes	Applicable major releases
Name: ConfigurationRescueFileDeleteStatus (3894) Type: configurationRescueAlarm (109) Package: rollback Raised on class: rollback.RollbackNEInfo	Severity: info Implicitly cleared: false Default probable cause: configurationRescueFileDeleteOperationPerformed (1485)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when a configuration rollback rescue file delete operation is performed.		
Remedial action: Informational - If rollback rescue file deletion status indicates failed, then, the requested rescue file might not be available or check the FTP permission for the rescue location.		

Table 17-37 ConfigurationRescueFileSaveStatus

Alarm	Attributes	Applicable major releases
Name: ConfigurationRescueFileSaveStatus (3895) Type: configurationRescueAlarm (109) Package: rollback Raised on class: rollback.RollbackNEInfo	Severity: info Implicitly cleared: false Default probable cause: configurationRescueFileSaveOperationPerformed (1486)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when a configuration rollback rescue save operation is performed.		
Remedial action: Informational - If rollback rescue file creation status indicates failed, then, check the FTP permission for the rescue location.		

Table 17-38 ConfigurationRescueStatus

Alarm	Attributes	Applicable major releases
Name: ConfigurationRescueStatus (3896) Type: configurationRescueAlarm (109) Package: rollback Raised on class: rollback.RollbackNEInfo	Severity: info Implicitly cleared: false Default probable cause: configurationRescueOperationPerformed (1487)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when a configuration rollback rescue operation is performed.		
Remedial action: Informational - If rollback rescue status indicates failed, then, the rescue file might not be available or check the FTP permission for the rescue location.		

Table 17-39 ConfigurationRollBackFileDeleteStatus

Alarm	Attributes	Applicable major releases
Name: ConfigurationRollBackFileDeleteStatus (3897) Type: configurationRollBackAlarm (103) Package: rollback Raised on class: rollback.RollbackNEInfo	Severity: info Implicitly cleared: false Default probable cause: configurationRollBackFileDeleteOperationPerformed (1488)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when a configuration rollback file delete operation is performed.		
Remedial action: Informational - If rollback file deletion status indicates failed, then, the requested rollback file might not be available or check the FTP permission for the rollback location..		

Table 17-40 ConfigurationRollBackFileSyncStatus

Alarm	Attributes	Applicable major releases
Name: ConfigurationRollBackFileSyncStatus (3898) Type: configurationRollBackFileSyncAlarm (110) Package: rollback Raised on class: rollback.RollbackNEInfo	Severity: info Implicitly cleared: false Default probable cause: configurationRollBackFileSyncOperationPerformed (1489)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when a configuration rollback CPM sync operation is performed.		
Remedial action: Informational - If rollback files CPM Sync status indicates failed, then, check whether standby CPM is up.		

Table 17-41 ConfigurationRollBackSaveStatus

Alarm	Attributes	Applicable major releases
Name: ConfigurationRollBackSaveStatus (3899) Type: configurationRollBackAlarm (103) Package: rollback Raised on class: rollback.RollbackNEInfo	Severity: info Implicitly cleared: false Default probable cause: configurationRollBackSaveOperationPerformed (1490)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when a configuration rollback save operation is performed.		
Remedial action: Informational - If rollback file creation status indicates failed, then, check the FTP permission for the rollback location.		

Table 17-42 ConfigurationRollBackStatus (netw)

Alarm	Attributes	Applicable major releases
Name: ConfigurationRollBackStatus (3684) Type: configurationRollBackAlarm (103) Package: netw Raised on class: netw.NetworkElement	Severity: info Implicitly cleared: false Default probable cause: configurationRollBackOperationPerformed (1422)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when a configuration rollback operation is performed.		
Remedial action: Informational - If rollback status indicates failed, then, the requested checkpoint might not be available or NE configuration might need to be restored.		

Table 17-43 ConfigurationRollBackStatus (rollback)

Alarm	Attributes	Applicable major releases
Name: ConfigurationRollBackStatus (3684) Type: configurationRollBackAlarm (103) Package: rollback Raised on class: rollback.RollbackNEInfo	Severity: info Implicitly cleared: false Default probable cause: configurationRollBackOperationPerformed (1422)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when a configuration rollback operation is performed.		
Remedial action: Informational - If rollback status indicates failed, then, the requested checkpoint might not be available or NE configuration might need to be restored.		

Table 17-44 ContainingEquipmentAdministrativelyDown

Alarm	Attributes	Applicable major releases
Name: ContainingEquipmentAdministrativelyDown (466) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.Port	Severity: minor Implicitly cleared: true Default probable cause: containingEquipmentAdministrativelyDown (330)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when the compositeEquipmentState attribute has a value of containingEquipmentAdministrativelyDown.		
Raising condition: (('Status' EQUAL 'Parent Admin Down') AND ('isTerminatable' EQUAL 'true'))		
Clearing condition: (('Status' NOT EQUAL 'Parent Admin Down') OR ('isTerminatable' NOT EQUAL 'true'))		
Remedial action: Informational - no corrective action required.		

Table 17-45 ContainingEquipmentMismatch

Alarm	Attributes	Applicable major releases
Name: ContainingEquipmentMismatch (464) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.Port	Severity: major Implicitly cleared: true Default probable cause: containingEquipmentMismatch (328)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when the compositeEquipmentState attribute has a value of containingEquipmentMismatch.		
Raising condition: (('Status' EQUAL 'Parent Type Mismatch') AND ('isTerminatable' EQUAL 'true'))		
Clearing condition: (('Status' NOT EQUAL 'Parent Type Mismatch') OR ('isTerminatable' NOT EQUAL 'true'))		
Remedial action: A configuration error has occurred which must be corrected. The card type configured for the slot identified in the alarm must match the installed card type.		

Table 17-46 ContainingEquipmentOperationallyDown

Alarm	Attributes	Applicable major releases
Name: ContainingEquipmentOperationallyDown (465) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.Port	Severity: major Implicitly cleared: true Default probable cause: containingEquipmentDown (329)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when the compositeEquipmentState attribute has a value of containingEquipmentOperationallyDown.		
Raising condition: (('Status' EQUAL 'Parent Oper Down') AND ('isTerminatable' EQUAL 'true'))		
Clearing condition: (('Status' NOT EQUAL 'Parent Oper Down') OR ('isTerminatable' NOT EQUAL 'true'))		

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Alarm	Attributes	Applicable major releases
Remedial action: The operational state of the equipment element indicated in the alarm is down. This may be due to the element's administrative state or it may indicate that the element has failed.		

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Table 17-47 CorruptImageFile

Alarm	Attributes	Applicable major releases
Name: CorruptImageFile (171) Type: configurationAlarm (11) Package: mediation Raised on class: mediation.AbstractSoftwareFolderDescriptor	Severity: critical Implicitly cleared: true Default probable cause: invalidOrCorruptImageFile (134)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when one or more files in the 5620 SAM software image specified for a device software upgrade is invalid, corrupt or absent. The 5620 SAM validates a device software file set before it imports the file set and distributes it to an NE. Ensure that the file set downloads properly to the NE and is not tampered with before you re-attempt the upgrade. The alarm clears when a valid file set is on the NE and the 5620 SAM activates the software image in the file set.		
Raising condition: ('isImageValid' EQUAL 'false')		
Clearing condition: ('isImageValid' EQUAL 'true')		
Remedial action: The existing SW image in the SAM database should be replaced with an image that is known to be complete and valid.		

Table 17-48 DHCPPOOLFailoverStateChange

Alarm	Attributes	Applicable major releases
Name: DHCPPOOLFailoverStateChange (5168) Type: configurationAlarm (11) Package: dhcp Raised on class: dhcp.LocalDhcpPoolFailover	Severity: warning Implicitly cleared: true Default probable cause: DHCPPOOLFailoverStateChanged (2088)	<ul style="list-style-type: none"> • 11.0 • 12.0
Description: The alarm is raised when the Local DHCP Pool Failover has a state other than Normal.		
Raising condition: (('state' NOT EQUAL 'Normal'))		
Clearing condition: (('state' EQUAL 'Normal'))		
Remedial action: This alarm is raised when the operational state of a particular Local DHCP Pool Failover is other than Normal. This can occur if the failover configuration is incorrect, disabled or if a pool failover is in progress. This alarm is cleared implicitly when the DHCP Pool Failover state returns to Normal.		

Table 17-49 DHCPSErverFailoverStateChange

Alarm	Attributes	Applicable major releases
Name: DHCPSErverFailoverStateChange (4986) Type: configurationAlarm (11) Package: dhcp Raised on class: dhcp.LocalDhcpServerFailover	Severity: warning Implicitly cleared: true Default probable cause: DHCPSErverFailoverStateChanged (2041)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when the Local DHCP Server Failover has a state other than Normal.		
Raising condition: (('state' NOT EQUAL 'Normal'))		
Clearing condition: (('state' EQUAL 'Normal'))		
Remedial action: This alarm is raised when operational state of a particular Local DHCP Server Failover is other than Normal. This can occur if the failover configuration is incorrect, disabled or if a server failover is in progress. This alarm will be cleared implicitly when the DHCP Server Failover state returns to Normal.		

Table 17-50 downgradedCardAlarm

Alarm	Attributes	Applicable major releases
Name: downgradedCardAlarm (256) Type: softwareAlarm (19) Package: equipment Raised on class: equipment.Card	Severity: warning Implicitly cleared: true Default probable cause: downgradedCard (195)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when an IOM is not upgraded or reset after a device software upgrade of both CPMs. A device resets an IOM automatically after 120 minutes if the IOM is not manually reset after a CPM upgrade.		
Raising condition: ('operationalState' EQUAL 'Downgrade')		
Clearing condition: ('operationalState' EQUAL 'Up')		
Remedial action: Informational - no corrective action required.		

Table 17-51 DS1E1AlarmIndicationSignal

Alarm	Attributes	Applicable major releases
Name: DS1E1AlarmIndicationSignal (112) Type: communicationsAlarm (4) Package: tdmequipment Raised on class: tdmequipment.DS1E1ChannelSpecifics	Severity: major Implicitly cleared: true Default probable cause: alarmIndicationSignal (96)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when an NE reports that a specific DS1 or E1 channel has an AIS alarm condition.		
Raising condition: (('Outstanding Alarms'anyBit'Alarm Indication Signal') AND ('Report Alarms'anyBit'Alarm Indication Signal'))		
Clearing condition: NOT (('Outstanding Alarms'anyBit'Alarm Indication Signal') AND ('Report Alarms'anyBit'Alarm Indication Signal'))		
Remedial action: Informational only.		

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Table 17-52 DS1E1Looped

Alarm	Attributes	Applicable major releases
Name: DS1E1Looped (126) Type: communicationsAlarm (4) Package: tdmequipment Raised on class: tdmequipment.DS1E1ChannelSpecifics	Severity: major Implicitly cleared: true Default probable cause: farEndLoopback (102)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when an NE reports that a specific DS1 or E1 channel has a remote loopback alarm condition.		
Raising condition: (('Outstanding Alarms'anyBit'Far end wants the near end to loopback') AND ('Report Alarms'anyBit'Far end wants the near end to loopback'))		
Clearing condition: NOT (('Outstanding Alarms'anyBit'Far end wants the near end to loopback') AND ('Report Alarms'anyBit'Far end wants the near end to loopback'))		
Remedial action: Informational only.		

Table 17-53 DS1E1LossOfSignal

Alarm	Attributes	Applicable major releases
Name: DS1E1LossOfSignal (124) Type: communicationsAlarm (4) Package: tdmequipment Raised on class: tdmequipment.DS1E1ChannelSpecifics	Severity: major Implicitly cleared: true Default probable cause: lossOfSignal (99)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when an NE reports that a specific DS1 or E1 channel has an LOS alarm condition.		
Raising condition: (('Outstanding Alarms'anyBit'Loss of Signal') AND ('Report Alarms'anyBit'Loss of Signal'))		
Clearing condition: NOT (('Outstanding Alarms'anyBit'Loss of Signal') AND ('Report Alarms'anyBit'Loss of Signal'))		
Remedial action: Informational only.		

Table 17-54 DS1E1OutOfFrame

Alarm	Attributes	Applicable major releases
Name: DS1E1OutOfFrame (125) Type: communicationsAlarm (4) Package: tdmequipment Raised on class: tdmequipment.DS1E1ChannelSpecifics	Severity: major Implicitly cleared: true Default probable cause: outOfFrame (100)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when an NE reports that a specific DS1 or E1 channel has an OOF alarm condition.		
Raising condition: (('Outstanding Alarms'anyBit'Out Of Frame') AND ('Report Alarms'anyBit'Out Of Frame'))		
Clearing condition: NOT (('Outstanding Alarms'anyBit'Out Of Frame') AND ('Report Alarms'anyBit'Out Of Frame'))		
Remedial action: Informational only.		

Table 17-55 DS1E1ResourceAvailabilityIndicator

Alarm	Attributes	Applicable major releases
Name: DS1E1ResourceAvailabilityIndicator (114) Type: communicationsAlarm (4) Package: tdmequipment Raised on class: tdmequipment.DS1E1ChannelSpecifics	Severity: major Implicitly cleared: true Default probable cause: resourceAvailabilityIndicator (98)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when an NE reports that a specific DS1 or E1 channel has an RAI alarm condition.		
Raising condition: (('Outstanding Alarms'anyBit'Resource Availability Indicator') AND ('Report Alarms'anyBit'Resource Availability Indicator'))		
Clearing condition: NOT (('Outstanding Alarms'anyBit'Resource Availability Indicator') AND ('Report Alarms'anyBit'Resource Availability Indicator'))		
Remedial action: Informational only.		

Table 17-56 DS1E1SignalDegradation

Alarm	Attributes	Applicable major releases
Name: DS1E1SignalDegradation (500) Type: communicationsAlarm (4) Package: tdmequipment Raised on class: tdmequipment.DS1E1ChannelSpecifics	Severity: major Implicitly cleared: true Default probable cause: signalDegradation (386)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when an NE reports that a specific DS1 or E1 channel has an SD alarm condition.		
Raising condition: (('Outstanding Alarms'anyBit'Signal Degradation') AND ('Report Alarms'anyBit'Signal Degradation'))		
Clearing condition: NOT (('Outstanding Alarms'anyBit'Signal Degradation') AND ('Report Alarms'anyBit'Signal Degradation'))		
Remedial action: Informational only.		

Table 17-57 DS1E1SignalFailure

Alarm	Attributes	Applicable major releases
Name: DS1E1SignalFailure (501) Type: communicationsAlarm (4) Package: tdmequipment Raised on class: tdmequipment.DS1E1ChannelSpecifics	Severity: major Implicitly cleared: true Default probable cause: signalFailure (387)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when an NE reports that a specific DS1 or E1 channel has an SF alarm condition.		
Raising condition: (('Outstanding Alarms'anyBit'Signal Failure') AND ('Report Alarms'anyBit'Signal Failure'))		
Clearing condition: NOT (('Outstanding Alarms'anyBit'Signal Failure') AND ('Report Alarms'anyBit'Signal Failure'))		
Remedial action: Informational only.		

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Table 17-58 DS3E3AlarmIndicationSignal

Alarm	Attributes	Applicable major releases
Name: DS3E3AlarmIndicationSignal (115) Type: communicationsAlarm (4) Package: tdmequipment Raised on class: tdmequipment.DS3E3ChannelSpecifics	Severity: major Implicitly cleared: true Default probable cause: alarmIndicationSignal (96)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when an NE reports that a specific DS3 or E3 channel has an AIS alarm condition.		
Raising condition: (('Outstanding Alarms'anyBit'Alarm Indication Signal') AND ('Report Alarms'anyBit'Alarm Indication Signal'))		
Clearing condition: NOT (('Outstanding Alarms'anyBit'Alarm Indication Signal') AND ('Report Alarms'anyBit'Alarm Indication Signal'))		
Remedial action: Informational only.		

Table 17-59 DS3E3Looped

Alarm	Attributes	Applicable major releases
Name: DS3E3Looped (120) Type: communicationsAlarm (4) Package: tdmequipment Raised on class: tdmequipment.DS3E3ChannelSpecifics	Severity: major Implicitly cleared: true Default probable cause: farEndLoopback (102)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when an NE reports that a specific DS3 or E3 channel has a remote loopback alarm condition.		
Raising condition: (('Outstanding Alarms'anyBit'Far end wants the near end to loopback') AND ('Report Alarms'anyBit'Far end wants the near end to loopback'))		
Clearing condition: NOT (('Outstanding Alarms'anyBit'Far end wants the near end to loopback') AND ('Report Alarms'anyBit'Far end wants the near end to loopback'))		
Remedial action: Informational only.		

Table 17-60 DS3E3LossOfSignal

Alarm	Attributes	Applicable major releases
Name: DS3E3LossOfSignal (116) Type: communicationsAlarm (4) Package: tdmequipment Raised on class: tdmequipment.DS3E3ChannelSpecifics	Severity: major Implicitly cleared: true Default probable cause: lossOfSignal (99)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when an NE reports that a specific DS3 or E3 channel has an LOS alarm condition.		
Raising condition: (('Outstanding Alarms'anyBit'Loss of Signal') AND ('Report Alarms'anyBit'Loss of Signal'))		
Clearing condition: NOT (('Outstanding Alarms'anyBit'Loss of Signal') AND ('Report Alarms'anyBit'Loss of Signal'))		

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Alarm	Attributes	Applicable major releases
Remedial action: Informational only.		

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Table 17-61 DS3E3OutOfFrame

Alarm	Attributes	Applicable major releases
Name: DS3E3OutOfFrame (117) Type: communicationsAlarm (4) Package: tdmequipment Raised on class: tdmequipment.DS3E3ChannelSpecifics	Severity: major Implicitly cleared: true Default probable cause: outOfFrame (100)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when an NE reports that a specific DS3 or E3 channel has an OOF alarm condition.		
Raising condition: (('Outstanding Alarms'anyBit'Out Of Frame') AND ('Report Alarms'anyBit'Out Of Frame'))		
Clearing condition: NOT (('Outstanding Alarms'anyBit'Out Of Frame') AND ('Report Alarms'anyBit'Out Of Frame'))		
Remedial action: Informational only.		

Table 17-62 DS3E3ResourceAvailability

Alarm	Attributes	Applicable major releases
Name: DS3E3ResourceAvailability (119) Type: communicationsAlarm (4) Package: tdmequipment Raised on class: tdmequipment.DS3E3ChannelSpecifics	Severity: major Implicitly cleared: true Default probable cause: resourceAvailabilityIndicator (98)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when an NE reports that a specific DS3 or E3 channel has an RAI alarm condition.		
Raising condition: (('Outstanding Alarms'anyBit'Resource Availability Indicator') AND ('Report Alarms'anyBit'Resource Availability Indicator'))		
Clearing condition: NOT (('Outstanding Alarms'anyBit'Resource Availability Indicator') AND ('Report Alarms'anyBit'Resource Availability Indicator'))		
Remedial action: Informational only.		

Table 17-63 EfmOamAlarm

Alarm	Attributes	Applicable major releases
Name: EfmOamAlarm (4617) Type: equipmentAlarm (3) Package: ethernetequipment Raised on class: ethernetequipment.Dot3Oam	Severity: minor Implicitly cleared: true Default probable cause: EFMOAMOperationalStateOutOfService (1886)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when EFM Ignore status is Enabled, and Physical port Administrative State is Down.		
Raising condition: ('Ignore EFM State' EQUAL 'true')		
Clearing condition: ('Ignore EFM State' EQUAL 'true')		
Remedial action: The alarm is raised when EFM Ignore status is Enabled, and Physical port Administrative State is Down.		

Table 17-64 EquipmentAdministrativelyDown

Alarm	Attributes	Applicable major releases
Name: EquipmentAdministrativelyDown (455) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.Equipment	Severity: minor Implicitly cleared: true Default probable cause: equipmentAdministrativelyDown (326)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when the compositeEquipmentState attribute has a value of equipmentAdministrativelyDown.		
Raising condition: ('compositeEquipmentState' EQUAL 'Admin Down')		
Clearing condition: ('compositeEquipmentState' NOT EQUAL 'Admin Down')		
Remedial action: Informational - no corrective action required.		

Table 17-65 EquipmentDegraded

Alarm	Attributes	Applicable major releases
Name: EquipmentDegraded (604) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.FanTray	Severity: minor Implicitly cleared: true Default probable cause: singleFanFailure (450)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when a single fan fails. The chassis attempts to continue operating within the normal temperature range using only the remaining fans.		
Raising condition: ('Device State' EQUAL 'MinorFailure')		
Clearing condition: ('Device State' NOT EQUAL 'MinorFailure')		
Remedial action: The failed fan unit should be replaced.		

Table 17-66 EquipmentDown

Alarm	Attributes	Applicable major releases
Name: EquipmentDown (10) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.Equipment	Severity: major Implicitly cleared: true Default probable cause: inoperableEquipment (8)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when the compositeEquipmentState attribute has a value of equipmentOperationallyDown.		
Raising condition: ('compositeEquipmentState' EQUAL 'Oper Down')		
Clearing condition: ('compositeEquipmentState' NOT EQUAL 'Oper Down')		
Remedial action: This alarm indicates that a card in the NE has failed. The card must be replaced.		

Table 17-67 EquipmentFailure

Alarm	Attributes	Applicable major releases
Name: EquipmentFailure (145) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.ReplaceableUnit	Severity: critical Implicitly cleared: true Default probable cause: cardFailure (123)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when a control processor or power-supply tray reports a failure. When the object type is ControlProcessor, a CPM may be unable to boot. When the object type is Power Supply Tray and the alarm is raised during device discovery, a power-supply tray may be out of service. When the object type is a Power Supply Tray and the device is in the managed state, a power-supply tray may be out of service or the AC power shelf has a fault condition. The alarm clears when the status changes to OK.		
Raising condition: ('operationalState' EQUAL 'Failed')		
Clearing condition: ('operationalState' NOT EQUAL 'Failed')		
Remedial action: If the alarm indicates that the CPM card has a fault, remove the card and reset it. If this does not clear the alarm then please contact Alcatel-Lucent support for assistance. If the alarm indicates that the Power Supply tray is out of service ensure that the NE is properly connected to power. If the problem persists please contact Alcatel-Lucent support for assistance.		

Table 17-68 EquipmentInTest

Alarm	Attributes	Applicable major releases
Name: EquipmentInTest (11) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.Equipment	Severity: warning Implicitly cleared: true Default probable cause: equipmentInTest (9)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when equipment enters a diagnostic state.		
Raising condition: ('compositeEquipmentState' EQUAL 'In Test')		
Clearing condition: ('compositeEquipmentState' NOT EQUAL 'In Test')		

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Alarm	Attributes	Applicable major releases
Remedial action: Informational - no corrective action required.		

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Table 17-69 EquipmentMismatch

Alarm	Attributes	Applicable major releases
Name: EquipmentMismatch (9) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.Equipment	Severity: major Implicitly cleared: true Default probable cause: equipmentTypeMismatch (7)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when the compositeEquipmentState attribute has a value of equipmentMismatch.		
Raising condition: ('compositeEquipmentState' EQUAL 'Type Mismatch')		
Clearing condition: ('compositeEquipmentState' NOT EQUAL 'Type Mismatch')		
Remedial action: A configuration error has occurred which must be corrected. The card type configured for the slot identified in the alarm must match the installed card type.		

Table 17-70 EquipmentRemoved

Alarm	Attributes	Applicable major releases
Name: EquipmentRemoved (8) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.Equipment	Severity: major Implicitly cleared: true Default probable cause: replaceableEquipmentRemoved (6)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when the compositeEquipmentState attribute has a value of equipmentMissing.		
Raising condition: (((('isEquipped' EQUAL 'false') OR ('compositeEquipmentState' EQUAL 'Removed')) AND ('isEquipmentInserted' EQUAL 'true'))		
Clearing condition: (('compositeEquipmentState' NOT EQUAL 'Removed') AND ('isEquipped' EQUAL 'true'))		
Remedial action: Informational - this alarm is raised when a card is removed.		

Table 17-71 EthCSF

Alarm	Attributes	Applicable major releases
Name: EthCSF (3721) Type: oamAlarm (18) Package: ethernetoam Raised on class: ethernetoam.Mep	Severity: variable Implicitly cleared: true Default probable cause: EthCSF (1459)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0

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Alarm	Attributes	Applicable major releases
Description: The alarm is raised when a MEP receives a CCM frame with an interface status TLV of 'Down'.		
Remedial action: This alarm is raised when a MEP receives a CCM frame with an interface status TLV of Down.		

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Table 17-72 EthernetPortConfiguredLoopback

Alarm	Attributes	Applicable major releases
Name: EthernetPortConfiguredLoopback (801) Type: configurationAlarm (11) Package: ethernetequipment Raised on class: ethernetequipment.EthernetPortSpecifics	Severity: warning Implicitly cleared: true Default probable cause: ethernetPortConfiguredLoopback (567)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when a timed loopback is in effect for an Ethernet port.		
Raising condition: (('Type' NOT EQUAL 'None'))		
Clearing condition: (('Type' EQUAL 'None'))		
Remedial action: This alarm has been raised by the node because "Timed Loopback" option of the specific port's Ethernet property has been enabled. To resolve this problem from "Ethernet" tab of "Physical Port" properties form configure "Timed Loopback" Type property as "None".		

Table 17-73 EthernetPortDuplicateLane

Alarm	Attributes	Applicable major releases
Name: EthernetPortDuplicateLane (3557) Type: communicationsAlarm (4) Package: ethernetequipment Raised on class: ethernetequipment.EthernetPortSpecifics	Severity: major Implicitly cleared: true Default probable cause: DuplicateLane (1387)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when a device reports a Duplicate Lane on an Ethernet port.		
Raising condition: (('Outstanding Alarms'anyBit'Duplicate Lane') AND ('Report Alarms'anyBit'Duplicate Lane'))		
Clearing condition: NOT (('Outstanding Alarms'anyBit'Duplicate Lane') AND ('Report Alarms'anyBit'Duplicate Lane'))		
Remedial action: One of the following conditions exists on the referenced physical interface which must be corrected. A cable/fiber fault exists which must be corrected - check to ensure that the cable is not faulty and is properly connected. The port is faulty - run diagnostics on the port to determine the nature of the fault. If the problem cannot be resolved swap the card containing the port with a card which is known be functional.		

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Table 17-74 EthernetPortHighBer

Alarm	Attributes	Applicable major releases
Name: EthernetPortHighBer (307) Type: communicationsAlarm (4) Package: ethernetequipment Raised on class: ethernetequipment.EthernetPortSpecifics	Severity: major Implicitly cleared: true Default probable cause: HighBer (238)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when a device reports a high bit-error rate on an Ethernet port.		
Raising condition: (('Outstanding Alarms'anyBit'High Bit Error Rate') AND ('Report Alarms'anyBit'High Bit Error Rate'))		
Clearing condition: NOT (('Outstanding Alarms'anyBit'High Bit Error Rate') AND ('Report Alarms'anyBit'High Bit Error Rate'))		
Remedial action: One of the following conditions exists on the physical interface which must be corrected. A cable/fiber fault exists which must be corrected - check to ensure that the cable is not faulty and is properly connected. The port is faulty - run diagnostics on the port to determine the nature of the fault.		

Table 17-75 EthernetPortLocalFault

Alarm	Attributes	Applicable major releases
Name: EthernetPortLocalFault (305) Type: communicationsAlarm (4) Package: ethernetequipment Raised on class: ethernetequipment.EthernetPortSpecifics	Severity: major Implicitly cleared: true Default probable cause: LocalFault (236)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when a device reports a local fault on an Ethernet port.		
Raising condition: (('Outstanding Alarms'anyBit'Local Fault') AND ('Report Alarms'anyBit'Local Fault'))		
Clearing condition: NOT (('Outstanding Alarms'anyBit'Local Fault') AND ('Report Alarms'anyBit'Local Fault'))		
Remedial action: One of the following conditions exists on the physical interface which must be corrected. A cable/fiber fault exists which must be corrected - check to ensure that the cable is not faulty and is properly connected. The port is faulty - run diagnostics on the port to determine the nature of the fault.		

Table 17-76 EthernetPortNoAmLock

Alarm	Attributes	Applicable major releases
Name: EthernetPortNoAmLock (3558) Type: communicationsAlarm (4) Package: ethernetequipment Raised on class: ethernetequipment.EthernetPortSpecifics	Severity: major Implicitly cleared: true Default probable cause: NoAmLock (1388)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when a device reports a No Am Lock on an Ethernet port.		
Raising condition: (('Outstanding Alarms'anyBit'No AM Lock') AND ('Report Alarms'anyBit'No AM Lock'))		

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Alarm	Attributes	Applicable major releases
Clearing condition: NOT (('Outstanding Alarms'anyBit'No AM Lock') AND ('Report Alarms'anyBit'No AM Lock'))		
Remedial action: One of the following conditions exists on the referenced physical interface which must be corrected. A cable/fiber fault exists which must be corrected - check to ensure that the cable is not faulty and is properly connected. The port is faulty - run diagnostics on the port to determine the nature of the fault. If the problem cannot be resolved swap the card containing the port with a card which is known be functional.		

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Table 17-77 EthernetPortNoBlockLock

Alarm	Attributes	Applicable major releases
Name: EthernetPortNoBlockLock (3559) Type: communicationsAlarm (4) Package: ethernetequipment Raised on class: ethernetequipment.EthernetPortSpecifics	Severity: major Implicitly cleared: true Default probable cause: NoBlockLock (1389)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when a device reports a No Block Lock on an Ethernet port.		
Raising condition: (('Outstanding Alarms'anyBit'No Block Lock') AND ('Report Alarms'anyBit'No Block Lock'))		
Clearing condition: NOT (('Outstanding Alarms'anyBit'No Block Lock') AND ('Report Alarms'anyBit'No Block Lock'))		
Remedial action: One of the following conditions exists on the referenced physical interface which must be corrected. A cable/fiber fault exists which must be corrected - check to ensure that the cable is not faulty and is properly connected. The port is faulty - run diagnostics on the port to determine the nature of the fault. If the problem cannot be resolved swap the card containing the port with a card which is known be functional.		

Table 17-78 EthernetPortNoFrameLock

Alarm	Attributes	Applicable major releases
Name: EthernetPortNoFrameLock (306) Type: communicationsAlarm (4) Package: ethernetequipment Raised on class: ethernetequipment.EthernetPortSpecifics	Severity: major Implicitly cleared: true Default probable cause: NoFrameLock (237)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when a device reports No Frame Lock on an Ethernet port.		
Raising condition: (('Outstanding Alarms'anyBit'No Frame Lock') AND ('Report Alarms'anyBit'No Frame Lock'))		
Clearing condition: NOT (('Outstanding Alarms'anyBit'No Frame Lock') AND ('Report Alarms'anyBit'No Frame Lock'))		
Remedial action: One of the following conditions exists on the physical interface which must be corrected. A cable/fiber fault exists which must be corrected - check to ensure that the cable is not faulty and is properly connected. The port is faulty - run diagnostics on the port to determine the nature of the fault.		

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Table 17-79 EthernetPortRemoteFault

Alarm	Attributes	Applicable major releases
Name: EthernetPortRemoteFault (304) Type: communicationsAlarm (4) Package: ethernetequipment Raised on class: ethernetequipment.EthernetPortSpecifics	Severity: major Implicitly cleared: true Default probable cause: RemoteFault (235)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when a device reports a remote fault on an Ethernet port.		
Raising condition: (('Outstanding Alarms'anyBit'Remote Fault') AND ('Report Alarms'anyBit'Remote Fault'))		
Clearing condition: NOT (('Outstanding Alarms'anyBit'Remote Fault') AND ('Report Alarms'anyBit'Remote Fault'))		
Remedial action: One of the following conditions exists on the remote physical interface which must be corrected. A cable/fiber fault exists which must be corrected - check to ensure that the cable is not faulty and is properly connected. The port is faulty - run diagnostics on the port to determine the nature of the fault.		

Table 17-80 EthernetPortSignalFailure

Alarm	Attributes	Applicable major releases
Name: EthernetPortSignalFailure (303) Type: communicationsAlarm (4) Package: ethernetequipment Raised on class: ethernetequipment.EthernetPortSpecifics	Severity: major Implicitly cleared: true Default probable cause: SignalFailure (234)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when a device reports a signal failure on an Ethernet port.		
Raising condition: (('Outstanding Alarms'anyBit'Signal Failure') AND ('Report Alarms'anyBit'Signal Failure'))		
Clearing condition: NOT (('Outstanding Alarms'anyBit'Signal Failure') AND ('Report Alarms'anyBit'Signal Failure'))		
Remedial action: One of the following conditions exists on the physical interface which must be corrected. A cable/fiber fault exists which must be corrected - check to ensure that the cable is not faulty and is properly connected. The port is faulty - run diagnostics on the port to determine the nature of the fault.		

Table 17-81 ExternalTimingReferenceNotQualified

Alarm	Attributes	Applicable major releases
Name: ExternalTimingReferenceNotQualified (548) Type: communicationsAlarm (4) Package: sonet Raised on class: sonet.SiteSync	Severity: minor Implicitly cleared: true Default probable cause: timingReferenceNotQualified (418)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when the External timing reference on an NE is not in the Qualified state.		
Raising condition: (('Qualified For Use' EQUAL 'Not Qualified') AND ('Administrative State' NOT EQUAL 'Down'))		
Clearing condition: (('Qualified For Use' NOT EQUAL 'Not Qualified') OR ('Administrative State' EQUAL 'Down'))		

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Alarm	Attributes	Applicable major releases
Remedial action: Informational		

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Table 17-82 FanFailure

Alarm	Attributes	Applicable major releases
Name: FanFailure (624) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.FanTray	Severity: critical Implicitly cleared: true Default probable cause: fanFailure (116)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when the associated fan is not operationally Up.		
Raising condition: (('Device State' EQUAL 'Failed') OR ('Device State' EQUAL 'Unknown') OR ('Device State' EQUAL 'OutOfservice'))		
Clearing condition: ('Device State' EQUAL 'OK')		
Remedial action: Remove and reset the fan unit. If this does not resolve the problem replace the fan.		

Table 17-83 FanTrayRemoved

Alarm	Attributes	Applicable major releases
Name: FanTrayRemoved (569) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.FanTray	Severity: critical Implicitly cleared: true Default probable cause: FanTrayRemoved (438)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when the deviceState attribute has a value of deviceNotEquipped.		
Raising condition: ('Device State' EQUAL 'Not Equipped')		
Clearing condition: ('Device State' NOT EQUAL 'Not Equipped')		
Remedial action: Informational - a fan tray has been removed from the NE.		

Table 17-84 ForwardingTableSizeLimitReached

Alarm	Attributes	Applicable major releases
Name: ForwardingTableSizeLimitReached (164) Type: resourceAlarm (28) Package: I2fwd Raised on class: I2fwd.SiteFib	Severity: major Implicitly cleared: true Default probable cause: resourceLimitReached (131)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0

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Alarm	Attributes	Applicable major releases
Description: The alarm is raised when the number of MAC address entries in the FIB reaches or exceeds the VPLS site high watermark specified by I2fwd.SiteFib.highWatermark. The alarm clears when the number of MAC address entries in the FIB drops below the VPLS site low watermark specified by I2fwd.SiteFib.lowWatermark. The alarm can be raised against a VPLS site, L2 access interface, or spoke SDP binding.		
Raising condition: (('Entries' >= 'Size') OR ('Entries' >= (('High Watermark' * 'Size') / 100.0)))"		
Clearing condition: (('Entries' < 'Size') AND (('High Watermark' EQUAL '0L') OR ('Entries' < (('Low Watermark' * 'Size') / 100.0))) AND (('Low Watermark' EQUAL '0L') OR ('Entries' < (('Low Watermark' * 'Size') / 100.0)))		
Remedial action: Informational		

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Table 17-85 FrameSizeProblem (netw)

Alarm	Attributes	Applicable major releases
Name: FrameSizeProblem (37) Type: configurationAlarm (11) Package: netw Raised on class: netw.StatefullConnectableInterface	Severity: critical Implicitly cleared: true Default probable cause: frameSizeProblem (33)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when a provisioned MTU size value is greater than the supported MTU size value.		
Raising condition: (('mtuMismatch' EQUAL 'true') AND ('portId' NOT EQUAL '0L'))		
Clearing condition: (('mtuMismatch' EQUAL 'false') OR ('portId' EQUAL '0L'))		
Remedial action: A configuration error has been made which must be corrected. The MTU value must be changed such that is less than or equal to the supported MTU size value.		

Table 17-86 FrameSizeProblem (svt)

Alarm	Attributes	Applicable major releases
Name: FrameSizeProblem (37) Type: configurationAlarm (11) Package: svt Raised on class: svt.SdpBinding	Severity: critical Implicitly cleared: true Default probable cause: frameSizeProblem (33)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when a provisioned MTU size value is greater than the supported MTU size value.		
Raising condition: (('Operational State' EQUAL 'MTU Mismatch') OR ('Operational State' EQUAL 'Tunnel MTU Too Small'))		
Clearing condition: (('Operational State' NOT EQUAL 'MTU Mismatch') AND ('Operational State' NOT EQUAL 'Tunnel MTU Too Small'))		
Remedial action: The MTU value must be changed such that is is less than or equal to the supported MTU size value.		

Table 17-87 GaPeerDown

Alarm	Attributes	Applicable major releases
Name: GaPeerDown (3303) Type: EpcAlarm (59) Package: Iteggnsn Raised on class: Iteggnsn.GaPeer	Severity: major Implicitly cleared: true Default probable cause: EPSPeerDown (602)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when the path management state of a Ga peer changes to a state other than Up.		
Raising condition: ('Path Management State' NOT EQUAL 'Active')		
Clearing condition: ('Path Management State' EQUAL 'Active')		
Remedial action: A Ga reference point (peer) is operationally down for one of the following reasons: the underlying IP or physical interface is down, the far end peer is down or the underlying transport between this NE and the peer NE is down. To resolve the issue ensure that the IP/physical interface is up, check that the far end peer is operational and check that the underlying transport network is up.		

Table 17-88 GroupDown

Alarm	Attributes	Applicable major releases
Name: GroupDown (69) Type: ProtocolAlarm (1) Package: rip Raised on class: rip.Group	Severity: critical Implicitly cleared: true Default probable cause: protocolDown (1)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when a RIP group has an Operational State other than Up, and the Administrative State is Up.		
Raising condition: (('administrativeState' EQUAL 'Up') AND ('operationalState' NOT EQUAL 'Up'))		
Clearing condition: (('operationalState' EQUAL 'Up') OR ('administrativeState' NOT EQUAL 'Up'))		
Remedial action: The RIP Group is down while it is administratively up. Please check RIP related configuration e.g., the RIP is not shutdown.		

Table 17-89 GroupInterfaceDown

Alarm	Attributes	Applicable major releases
Name: GroupInterfaceDown (441) Type: GroupInterfaceAlarm (44) Package: service Raised on class: service.GroupInterface	Severity: critical Implicitly cleared: true Default probable cause: interfaceDown (32)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when the 5620 SAM detects that a group interface is operationally down. The alarm clears when the group interface is operationally up.		
Raising condition: ('operationalState' NOT EQUAL 'Up')		
Clearing condition: ('operationalState' EQUAL 'Up')		
Remedial action: Check the configuration and the underlying physical interface.		

Table 17-90 IGHMisconfigured

Alarm	Attributes	Applicable major releases
Name: IGHMisconfigured (827) Type: ighAlarm (74) Package: igh Raised on class: igh.InterfaceGroupHandler	Severity: major Implicitly cleared: true Default probable cause: IGHProtocolMismatch (590)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when the IGH is administratively up but none of the IGH protocols is operationally up.		
Raising condition: (('igh_misconfigured' EQUAL \"yes\") AND ('Administrative State' EQUAL 'Up'))		
Clearing condition: (('igh_misconfigured' NOT EQUAL \"yes\") OR ('Administrative State' NOT EQUAL 'Up'))		
Remedial action: Please check the configuration.		

Table 17-91 IgmpDown

Alarm	Attributes	Applicable major releases
Name: IgmpDown (158) Type: ProtocolAlarm (1) Package: igmp Raised on class: igmp.Site	Severity: critical Implicitly cleared: true Default probable cause: protocolDown (1)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when an IGMP site has an Operational State other than Up, and the Administrative State is Up.		
Raising condition: (('Administrative State' EQUAL 'Up') AND ('Operational State' NOT EQUAL 'Up'))		
Clearing condition: (('Operational State' EQUAL 'Up') OR ('Administrative State' NOT EQUAL 'Up'))		
Remedial action: While configured under VPRN, check if VPRN site is admin down, or if route distinguisher is not configured.		

Table 17-92 IgmpMaxGrpSrcsLimitExceeded

Alarm	Attributes	Applicable major releases
Name: IgmpMaxGrpSrcsLimitExceeded (4624) Type: configurationAlarm (11) Package: igmp Raised on class: igmp.Interface	Severity: major Implicitly cleared: false Default probable cause: IgmpMaxGrpSrcsLimitExceeded (1892)	<ul style="list-style-type: none"> • 11.0 • 12.0
Description: The alarm is raised when an attempt is made to configure an IGMP group source for a group when the number of group sources for this group is equal to 'maxGrpSources', the maximum number of group sources per group supported on the interface.		
Remedial action: Needs to increase 'maxGrpSources' value to allow more sources on this interface.		

Table 17-93 IncompleteConfig (multichassis)

Alarm	Attributes	Applicable major releases
Name: IncompleteConfig (294) Type: configurationAlarm (11) Package: multichassis Raised on classes: <ul style="list-style-type: none"> multichassis.MultiChassisSync multichassis.MultiChassisLagMember 	Severity: major Implicitly cleared: true Default probable cause: incompleteConfig (225)	<ul style="list-style-type: none"> 10.0 11.0 12.0 9.0
Description: The alarm is raised when a peer configuration cannot be found on the peer NE.		
Raising condition: ('mLagPointer' EQUAL '\')		
Clearing condition: ('mLagPointer' NOT EQUAL '\')		
Remedial action: Configure the missing peered object.		

Table 17-94 IncompleteConfiguration

Alarm	Attributes	Applicable major releases
Name: IncompleteConfiguration (1942) Type: operationalViolation (93) Package: netw Raised on class: netw.NetworkElement	Severity: warning Implicitly cleared: true Default probable cause: incompleteConfig (225)	<ul style="list-style-type: none"> 10.0 11.0 12.0 9.0
Description: The alarm is raised when a pre-provisioned NE has no objects configured beneath it.		
Raising condition: (('State' EQUAL 'Pre-provisioned') AND ('eNodeB Equipment' EQUAL '\'))		
Clearing condition: (('State' EQUAL 'Pre-provisioned') AND ('eNodeB Equipment' NOT EQUAL '\'))		
Remedial action: A configuration error has been made which must be corrected. The configuration of the pre-provisioned NE is incomplete. A work order was not associated with the pre-provisioned NE and as a consequence the attempt to auto-configure the NE failed.		

Table 17-95 IncorrectEndPointPeerConfig

Alarm	Attributes	Applicable major releases
Name: IncorrectEndPointPeerConfig (1068) Type: configurationAlarm (11) Package: multichassis Raised on class: multichassis.MultiChassisEndpoint	Severity: major Implicitly cleared: true Default probable cause: incompleteEPPeerConfig (810)	<ul style="list-style-type: none"> 10.0 11.0 12.0 9.0
Description: The alarm is raised when a peer configuration cannot be found on the peer NE.		
Raising condition: ('MC EndPoint Group Pointer' EQUAL '\')		
Clearing condition: ('MC EndPoint Group Pointer' NOT EQUAL '\')		
Remedial action: The peered object cannot be found on the peer NE. Either delete this one, or create the missing peer object.		

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Table 17-96 IncorrectNeighborConfig

Alarm	Attributes	Applicable major releases
Name: IncorrectNeighborConfig (609) Type: configurationAlarm (11) Package: aps Raised on class: aps.ApsGroup	Severity: major Implicitly cleared: true Default probable cause: incorrectNeighborConfig (452)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when the peer does not exist or the neighbor address does not point to a network interface on the NE that contains the peer object.		
Raising condition: (('Type' EQUAL 'MultiChassis') AND ('Neighbor match' EQUAL 'false'))		
Clearing condition: (('Type' EQUAL 'SingleChassis') OR ('Neighbor match' EQUAL 'true'))		
Remedial action: Make sure a peer exist and the neighbor address points to a network interface on the NE that contains the peer object.		

Table 17-97 IncorrectPeerConfig

Alarm	Attributes	Applicable major releases
Name: IncorrectPeerConfig (779) Type: configurationAlarm (11) Package: multichassis Raised on class: multichassis.AbstractPeer	Severity: major Implicitly cleared: true Default probable cause: IncorrectPeerConfig (554)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when an MC peer does not exist, or when an MC peer exists but the peer address is not the address of a network interface on the peer.		
Raising condition: ('peerMatchFound' EQUAL 'false')		
Clearing condition: ('peerMatchFound' EQUAL 'true')		
Remedial action: The peer configuration cannot be found on the peer NE. Either delete this one, or create the missing peer object.		

Table 17-98 IncorrectPeerSynchronizationPortConfig

Alarm	Attributes	Applicable major releases
Name: IncorrectPeerSynchronizationPortConfig (780) Type: configurationAlarm (11) Package: multichassis Raised on class: multichassis.PeerSynchronizationPort	Severity: major Implicitly cleared: true Default probable cause: IncorrectPeerSynchronizationPortConfig (555)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when the peer port does not exist, or when the peer port exists but the synchronization tags of the peers do not match.		
Raising condition: ('peerMatchFound' EQUAL 'false')		
Clearing condition: ('peerMatchFound' EQUAL 'true')		

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Alarm	Attributes	Applicable major releases
Remedial action: Check if the peer port does not exist, or the peer port exists but the synchronization tags do not match.		

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Table 17-99 IncorrectPeerSynchronizationPortEncapRangeConfig

Alarm	Attributes	Applicable major releases
Name: IncorrectPeerSynchronizationPortEncapRangeConfig (781) Type: configurationAlarm (11) Package: multichassis Raised on class: multichassis.PeerSynchronizationPortEncapRange	Severity: major Implicitly cleared: true Default probable cause: IncorrectPeerSynchronizationPortEncapRangeConfig (556)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when the VLAN ranges on the Multi-Chassis synchronization peers do not match.		
Raising condition: ('Neighbor Match' EQUAL 'false')		
Clearing condition: ('Neighbor Match' EQUAL 'true')		
Remedial action: Update the VLAN ranges on the Multi-Chassis synchronization peers to make them matching.		

Table 17-100 InstanceDown (srrp)

Alarm	Attributes	Applicable major releases
Name: InstanceDown (284) Type: configurationAlarm (11) Package: srrp Raised on class: srrp.Instance	Severity: major Implicitly cleared: true Default probable cause: instanceDown (216)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when the 5620 SAM detects that an SRRP instance is operationally down.		
Raising condition: (('Administrative State' EQUAL 'Up') AND ('Operational State' EQUAL 'Initialize'))		
Clearing condition: (('Operational State' NOT EQUAL 'Initialize') OR ('Administrative State' NOT EQUAL 'Up'))		
Remedial action: Check the configuration of the instance		

Table 17-101 InstanceDown (vrrp)

Alarm	Attributes	Applicable major releases
Name: InstanceDown (284) Type: configurationAlarm (11) Package: vrrp Raised on class: vrrp.AbstractInstance	Severity: major Implicitly cleared: true Default probable cause: instanceDown (216)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0

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Alarm	Attributes	Applicable major releases
Description: The alarm is raised when the 5620 SAM detects that a VRRP instance is operationally down.		
Raising condition: (('Administrative State' EQUAL 'Up') AND ('Operational State' NOT EQUAL 'Up'))		
Clearing condition: (('Operational State' EQUAL 'Up') OR ('Administrative State' NOT EQUAL 'Up'))		
Remedial action: Check the instance configuration		

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Table 17-102 InterfaceDown (netw)

Alarm	Attributes	Applicable major releases
Name: InterfaceDown (36) Type: InterfaceAlarm (13) Package: netw Raised on class: netw.StatefullConnectableInterface	Severity: critical Implicitly cleared: true Default probable cause: interfaceDown (32)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when an interface or underlying resource fails, as indicated by an interface compositeState attribute value of failed or underlyingResourceFailed.		
Raising condition: (('compositeState' EQUAL 'Inoperable') OR ('compositeState' EQUAL 'Underlying Resource Inoperable'))		
Clearing condition: (('compositeState' NOT EQUAL 'Inoperable') AND ('compositeState' NOT EQUAL 'Underlying Resource Inoperable'))		
Remedial action: A physical port (physical interface, LAG, channel) associated with the network interface in not operation. Ensure that the interface is cabled and that there is not a configuration error (i.e. MTU size set incorrectly) on the interface. Once the issue w		

Table 17-103 InterfaceDown (service)

Alarm	Attributes	Applicable major releases
Name: InterfaceDown (36) Type: configurationAlarm (11) Package: service Raised on class: service.RedundantInterface	Severity: major Implicitly cleared: true Default probable cause: interfaceDown (32)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when the 5620 SAM detects that a redundant interface is operationally down.		
Raising condition: (('administrativeState' EQUAL 'Up') AND ('operationalState' NOT EQUAL 'Up'))		
Clearing condition: (('operationalState' EQUAL 'Up') OR ('administrativeState' NOT EQUAL 'Up'))		
Remedial action: A physical port (physical interface, LAG, channel) associated with the network interface in not operation. Ensure that the interface is cabled and that there is not a configuration error (i.e. MTU size set incorrectly) on the interface. Once the issue w		

Table 17-104 InterfaceDown (vpls)

Alarm	Attributes	Applicable major releases
Name: InterfaceDown (36) Type: configurationAlarm (11) Package: vpls Raised on class: vpls.L2ManagementInterface	Severity: major Implicitly cleared: true Default probable cause: interfaceDown (32)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when an L2 management interface has an Operational State of Down, and the associated VPLS site has an Administrative State of Up.		
Raising condition: (('administrativeState' EQUAL 'Up') AND ('operationalState' NOT EQUAL 'Up'))		
Clearing condition: (('operationalState' EQUAL 'Up') OR ('administrativeState' NOT EQUAL 'Up'))		
Remedial action: The condition exists because the physical interface is down either because it is administratively disabled, faulty or a cabling fault has occurred. Ensure that the interface is administratively up. Check for a poor cable connection to the port or for a faulty cable/fiber. If neither appears to be the problem run diagnostics on the port to determine if it is faulty.		

Table 17-105 InterfaceDown (vprn)

Alarm	Attributes	Applicable major releases
Name: InterfaceDown (36) Type: configurationAlarm (11) Package: vprn Raised on class: vprn.IPMirrorInterface	Severity: major Implicitly cleared: true Default probable cause: interfaceDown (32)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when the 5620 SAM detects that an interface is operationally down.		
Raising condition: (('administrativeState' EQUAL 'Up') AND ('operationalState' NOT EQUAL 'Up'))		
Clearing condition: (('operationalState' EQUAL 'Up') OR ('administrativeState' NOT EQUAL 'Up'))		
Remedial action: A physical port (physical interface, LAG, channel) associated with the network interface in not operation. Ensure that the interface is cabled and that there is not a configuration error (i.e. MTU size set incorrectly) on the interface. Once the issue w		

Table 17-106 InterfaceNeighborDown

Alarm	Attributes	Applicable major releases
Name: InterfaceNeighborDown (661) Type: NeighborDown (20) Package: ospf Raised on class: ospf.Interface	Severity: warning Implicitly cleared: true Default probable cause: NeighborDown (103)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when an interface neighbor is operationally down.		
Raising condition: (('Neighbor Count' EQUAL '0L') AND ('interfaceClass' NOT EQUAL 'System') AND ('Passive' NOT EQUAL 'true'))		
Clearing condition: (('Neighbor Count' NOT EQUAL '0L') OR ('Passive' EQUAL 'true'))		

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Alarm	Attributes	Applicable major releases
Remedial action: This alarm is raised when the OSPF interface neighbor is operationally down. The situation may occur if the underlying physical interface is down either because of administrative disabling or a fault on the far end port or due to a cable connection or cable failure. This alarm will also be raised if the underlying transport network fails or is unreliable. Resolving the underlying instability in the transport network will correct this problem.		

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Table 17-107 IsisAdjacencyDown

Alarm	Attributes	Applicable major releases
Name: IsisAdjacencyDown (153) Type: adjacencyAlarm (31) Package: isis Raised on class: isis.Interface	Severity: minor Implicitly cleared: true Default probable cause: IsisInterfaceDown (232)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when an IS-IS interface has no adjacencies, for example, because the IS-IS protocol on the remote site is down.		
Raising condition: (('Adjacency Count' EQUAL '0L') AND ('interfaceClass' NOT EQUAL 'System') AND ('Passive' NOT EQUAL 'True'))		
Clearing condition: (('Adjacency Count' > '0L') OR ('Passive' EQUAL 'True'))		
Remedial action: Check remote site to see if corresponding IS-IS interface is configured and admin up.		

Table 17-108 IsisDown

Alarm	Attributes	Applicable major releases
Name: IsisDown (19) Type: ProtocolAlarm (1) Package: isis Raised on class: isis.Site	Severity: critical Implicitly cleared: true Default probable cause: protocolDown (1)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when an IS-IS site has an Operational State other than Up, and the Administrative State is Up.		
Raising condition: (('Administrative State' EQUAL 'Up') AND ('Operational State' NOT EQUAL 'Up'))		
Clearing condition: (('Operational State' EQUAL 'Up') OR ('Administrative State' NOT EQUAL 'Up'))		
Remedial action: The protocol is not working anymore, could be a problem with IP addresses, resources on the device, ...		

Table 17-109 IsisInterfaceDown

Alarm	Attributes	Applicable major releases
Name: IsisInterfaceDown (301) Type: ProtocolAlarm (1) Package: isis Raised on class: isis.Interface	Severity: warning Implicitly cleared: true Default probable cause: protocolDown (1)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when an IS-IS interface has an Operational State other than Up.		
Raising condition: ('Operational State' EQUAL 'Down')		
Clearing condition: ('Operational State' NOT EQUAL 'Down')		
Remedial action: Check if underlying port is down, or associated network interface is down.		

Table 17-110 KeepAliveProblem

Alarm	Attributes	Applicable major releases
Name: KeepAliveProblem (100) Type: oamAlarm (18) Package: svt Raised on class: svt.Tunnel	Severity: warning Implicitly cleared: true Default probable cause: keepAliveFailed (86)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when the 5620 SAM detects a keep-alive protocol status of senderIdInvalid or responderIdError.		
Raising condition: (('Keep-Alive State' NOT EQUAL 'Disabled') AND ('Keep-Alive State' NOT EQUAL 'Alive') AND ('Keep-Alive State' NOT EQUAL 'Unknown'))		
Clearing condition: (('Keep-Alive State' EQUAL 'Disabled') OR ('Keep-Alive State' EQUAL 'Alive') OR ('Keep-Alive State' EQUAL 'Unknown'))		
Remedial action: Check the configuration of this tunnel and underlying physical transport.		

Table 17-111 LabelProblem

Alarm	Attributes	Applicable major releases
Name: LabelProblem (98) Type: CircuitAlarm (17) Package: svt Raised on class: svt.SdpBinding	Severity: critical Implicitly cleared: true Default probable cause: labelProblem (84)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when an ingress or an egress label is missing.		
Raising condition: (('Operational State' EQUAL 'No Egress Label') OR ('Operational State' EQUAL 'No Ingress Label') OR ('Operational State' EQUAL 'No Labels'))		
Clearing condition: (('Operational State' NOT EQUAL 'No Egress Label') AND ('Operational State' NOT EQUAL 'No Ingress Label') AND ('Operational State' NOT EQUAL 'No Labels'))		
Remedial action: An ingress or egress label is missing for the SDP binding.		

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Table 17-112 LagDown

Alarm	Attributes	Applicable major releases
Name: LagDown (20) Type: equipmentAlarm (3) Package: lag Raised on class: lag.Interface	Severity: critical Implicitly cleared: true Default probable cause: lagDown (17)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when all ports in a LAG are operationally down.		
Raising condition: (('Administrative State' EQUAL 'Up') AND ('operationalState' NOT EQUAL 'Up'))		
Clearing condition: (('operationalState' EQUAL 'Up') OR ('Administrative State' NOT EQUAL 'Up'))		
Remedial action: This alarm indicates that all physical Ethernet links associated with a LAG are operationally down. The reasons for the links to be down may vary from link to link. The following possible causes of this alarm should be investigated. The physical port (near end or far end) may have failed - this can be remedied by replacing the interface card in question. The physical links may have been turned down administratively - re-enable the links. A cable failure or disconnect may have occurred - please ensure that the cables are properly connected to the physical port and that the cable has not been damaged.		

Table 17-113 LagPortAddFailed

Alarm	Attributes	Applicable major releases
Name: LagPortAddFailed (422) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.PhysicalPort	Severity: warning Implicitly cleared: true Default probable cause: linkDown (315)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when the Lag Port Add function Fails.		
Raising condition: (('state' EQUAL 'Link Down') AND ('LAG ID' > '0'))		
Clearing condition: (('state' NOT EQUAL 'Link Down') OR ('LAG ID' EQUAL '0'))		
Remedial action: A configuration error has occurred which must be corrected. The link that was to be added to the LAG group may be of the wrong type (i.e. non ethernet) or the limit of the number of links supported in a LAG may have been reached.		

Table 17-114 LdpDown

Alarm	Attributes	Applicable major releases
Name: LdpDown (22) Type: ProtocolAlarm (1) Package: ldp Raised on class: ldp.Site	Severity: critical Implicitly cleared: true Default probable cause: protocolDown (1)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when an LDP site has an Operational State other than Up, and the Administrative State is Up.		
Raising condition: (('Administrative State' EQUAL 'Up') AND ('Operational State' NOT EQUAL 'Up'))		
Clearing condition: (('Operational State' EQUAL 'Up') OR ('Administrative State' NOT EQUAL 'Up'))		
Remedial action: Check operational state down reason and update accordingly.		

Table 17-115 LdpSessionNonexistent

Alarm	Attributes	Applicable major releases
Name: LdpSessionNonexistent (2954) Type: LdpSessionAlarm (101) Package: ldp Raised on class: ldp.Session	Severity: critical Implicitly cleared: true Default probable cause: LdpSessionDown (1149)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when an LDP session is non-existent.		
Raising condition: ('Session State' EQUAL 'Non-existent')		
Clearing condition: ('Session State' EQUAL 'Operational')		
Remedial action: Please check the LDP session path to make sure all associated protocols/interfaces/connections are OK.		

Table 17-116 LdpTargetedPeerDown

Alarm	Attributes	Applicable major releases
Name: LdpTargetedPeerDown (23) Type: ProtocolAlarm (1) Package: ldp Raised on class: ldp.TargetedPeer	Severity: critical Implicitly cleared: true Default probable cause: protocolDown (1)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when an LDP targeted peer is operationally down.		
Raising condition: (('administrativeState' EQUAL 'Up') AND ('operationalState' NOT EQUAL 'Up'))		
Clearing condition: (('operationalState' EQUAL 'Up') OR ('administrativeState' NOT EQUAL 'Up'))		
Remedial action: Please check the route to LDP targeted peer to make sure all associated protocols/interfaces/connections are OK.		

Table 17-117 LicensedLimitExceeded

Alarm	Attributes	Applicable major releases
Name: LicensedLimitExceeded (127) Type: licensingAlarm (23) Package: security Raised on class: security.ProductLicense	Severity: critical Implicitly cleared: true Default probable cause: licensedLimitExceeded (106)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when the license items in the network exceeds 100 percent of the license capacity.		
Raising condition: ('Exceeded' EQUAL 'true')		
Clearing condition: ('Exceeded' NOT EQUAL 'true')		
Remedial action: Informational - The number of SAM licenses purchased and available on the SAM server is insufficient as compared to the number of NEs/MDA/Cells under management in the network. Please contact Alcatel-Lucent Sales to purchase additional licenses.		

Table 17-118 LineAlarmIndicationSignal

Alarm	Attributes	Applicable major releases
Name: LineAlarmIndicationSignal (84) Type: communicationsAlarm (4) Package: sonetequipment Raised on class: sonetequipment.SonetPortMonitorSpecifics	Severity: major Implicitly cleared: true Default probable cause: lineAlarmIndicationSignal (70)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when a SONET port reports an LAIS error. The alarm corresponds to the lais alarm on an NE.		
Raising condition: (('Outstanding Alarms'anyBit'Line Alarm Indication Signal') AND ('Report Alarms'anyBit'Line Alarm Indication Signal'))		
Clearing condition: NOT (('Outstanding Alarms'anyBit'Line Alarm Indication Signal') AND ('Report Alarms'anyBit'Line Alarm Indication Signal'))		
Remedial action: Informational only.		

Table 17-119 LineErrorCondition

Alarm	Attributes	Applicable major releases
Name: LineErrorCondition (94) Type: communicationsAlarm (4) Package: sonetequipment Raised on class: sonetequipment.SonetPortMonitorSpecifics	Severity: major Implicitly cleared: true Default probable cause: lineErrorCondition (80)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when a SONET port reports a line error condition that a remote NE raises because of b1 errors received from the local NE. The alarm corresponds to the lrei alarm on an NE.		
Raising condition: (('Outstanding Alarms'anyBit'Line Error Condition') AND ('Report Alarms'anyBit'Line Error Condition'))		
Clearing condition: NOT (('Outstanding Alarms'anyBit'Line Error Condition') AND ('Report Alarms'anyBit'Line Error Condition'))		
Remedial action: Check the SONET port is configured correctly and that the physical layer cabling is operating correctly. Call customer support if necessary.		

Table 17-120 LineRemoteDefectIndication

Alarm	Attributes	Applicable major releases
Name: LineRemoteDefectIndication (85) Type: communicationsAlarm (4) Package: sonetequipment Raised on class: sonetequipment.SonetPortMonitorSpecifics	Severity: major Implicitly cleared: true Default probable cause: lineRemoteDefectIndication (71)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when a SONET port reports a line remote defect indication error caused by an LOF, LOC, or LOS condition. The alarm corresponds to the lrdi alarm on an NE.		

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Alarm	Attributes	Applicable major releases
Raising condition: (('Outstanding Alarms'anyBit'Line Remote Defect Indication') AND ('Report Alarms'anyBit'Line Remote Defect Indication'))		
Clearing condition: NOT (('Outstanding Alarms'anyBit'Line Remote Defect Indication') AND ('Report Alarms'anyBit'Line Remote Defect Indication'))		
Remedial action: Informational only.		

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Table 17-121 LinkDown (equipment)

Alarm	Attributes	Applicable major releases
Name: LinkDown (12) Type: communicationsAlarm (4) Package: equipment Raised on class: equipment.Equipment	Severity: major Implicitly cleared: true Default probable cause: portLinkProblem (10)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when a port has no associated physical link or remote end point is operationally down.		
Raising condition: (('compositeEquipmentState' EQUAL 'Link Down') OR ('compositeEquipmentState' EQUAL 'Oper Down'))		
Clearing condition: (('compositeEquipmentState' NOT EQUAL 'Link Down') AND ('compositeEquipmentState' NOT EQUAL 'Oper Down'))		
Remedial action: Please make sure that port has physical link and remote end point is operationally up.		

Table 17-122 LocalRncvOperDown

Alarm	Attributes	Applicable major releases
Name: LocalRncvOperDown (521) Type: redundancyAlarm (52) Package: multichassis Raised on class: multichassis.MultiChassisRingNode	Severity: major Implicitly cleared: true Default probable cause: localRncvDisconnected (396)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when the local RNCV Operational State of a ring node is other than Connected or NotTested, which means that the ring node is not connected to the local MC ring group. The alarm clears when the ring node enters the Connected or NotTested state.		
Raising condition: (('Local Operational State' NOT EQUAL 'Connected') AND ('Local Operational State' NOT EQUAL 'Not Tested'))		
Clearing condition: (('Local Operational State' EQUAL 'Connected') OR ('Local Operational State' EQUAL 'Not Tested'))		
Remedial action: Make sure that ring node is properly connected to MC ring group.		

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Table 17-123 LossOfClock (sonetequipment)

Alarm	Attributes	Applicable major releases
Name: LossOfClock (83) Type: communicationsAlarm (4) Package: sonetequipment Raised on class: sonetequipment.SonetPortMonitorSpecifics	Severity: major Implicitly cleared: true Default probable cause: lossOfClock (69)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when a SONET port reports an LOC condition, which causes the NE to set the port Operational State to Down.		
Raising condition: (('Outstanding Alarms'anyBit'Loss of Clock') AND ('Report Alarms'anyBit'Loss of Clock'))		
Clearing condition: NOT (('Outstanding Alarms'anyBit'Loss of Clock') AND ('Report Alarms'anyBit'Loss of Clock'))		
Remedial action: One of the following conditions exists on the referenced physical interface which must be corrected. A cable/fiber fault exists which must be corrected - check to ensure that the cable is not faulty and is properly connected.		

Table 17-124 LowTemperatureDetected

Alarm	Attributes	Applicable major releases
Name: LowTemperatureDetected (1127) Type: environmentalAlarm (2) Package: equipment Raised on class: equipment.Shelf	Severity: major Implicitly cleared: true Default probable cause: equipmentOvercooled (838)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when the chassis temperature falls below the minimum threshold.		
Raising condition: ('Low Temperature State' EQUAL 'Low')		
Clearing condition: ('Low Temperature State' NOT EQUAL 'Low')		
Remedial action: The NE has detected internal temperatures which are abnormally low. This may happen when the environment that the NE is operating in may not be within specifications found in the NE user guides.		

Table 17-125 LspDown

Alarm	Attributes	Applicable major releases
Name: LspDown (25) Type: pathAlarm (12) Package: mpls Raised on class: mpls.Lsp	Severity: critical Implicitly cleared: true Default probable cause: lspDown (19)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when the Operational State of an LSP is Down, but the Administrative State is Up.		
Raising condition: (('administrativeState' EQUAL 'Up') AND ('operationalState' NOT EQUAL 'Up'))		
Clearing condition: (('operationalState' EQUAL 'Up') OR ('administrativeState' NOT EQUAL 'Up'))		
Remedial action: So many things can cause LSP down, check if source and destination interfaces are down, LSP path is down and the failure code, or MPLS path is down...		

Table 17-126 LspPathBypassTunnelActive

Alarm	Attributes	Applicable major releases
Name: LspPathBypassTunnelActive (264) Type: pathAlarm (12) Package: mpls Raised on class: mpls.LspPath	Severity: warning Implicitly cleared: true Default probable cause: LspPathReroutedToBypassTunnel (197)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when an LSP primary path is rerouted to the bypass tunnel. The alarm clears when the primary path returns to the original tunnel and the actual hop returns to the primary path.		
Raising condition: ('Bypass Tunnel Active' EQUAL 'true')		
Clearing condition: ('Bypass Tunnel Active' EQUAL 'false')		
Remedial action: There is a problem with the original path, check what is the problem and fix it if possible.		

Table 17-127 LspPathDown

Alarm	Attributes	Applicable major releases
Name: LspPathDown (26) Type: pathAlarm (12) Package: mpls Raised on class: mpls.LspPath	Severity: major Implicitly cleared: true Default probable cause: LspPathDown (20)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when an LSP path is operationally down.		
Raising condition: (('Administrative' EQUAL 'Up') AND ('Operational' NOT EQUAL 'Up') AND ('Type' EQUAL 'Standby'))		
Clearing condition: (('Operational' EQUAL 'Up') OR ('Administrative' NOT EQUAL 'Up') OR ('Type' EQUAL 'Secondary'))		
Remedial action: Check the failure code and update accordingly, e.g. whether MPLS/RSVP interfaces, OSPF interfaces are down.		

Table 17-128 macMoveRateExceeded (service)

Alarm	Attributes	Applicable major releases
Name: macMoveRateExceeded (3690) Type: accessInterfaceAlarm (40) Package: service Raised on class: service.AccessInterface	Severity: minor Implicitly cleared: true Default probable cause: MacMoveRateExceeded (1429)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when the SAP exceeds the MAC Move Frequency of the service site.		
Raising condition: ('State Cause'anyBit'Relearn Limit Exceeded')		
Clearing condition: NOT (('State Cause'anyBit'Relearn Limit Exceeded'))		
Remedial action: Informational.		

Table 17-129 macMoveRateExceeded (svt)

Alarm	Attributes	Applicable major releases
Name: macMoveRateExceeded (3690) Type: SpokeSdpBindingAlarm (104) Package: svt Raised on class: svt.SpokeSdpBinding	Severity: minor Implicitly cleared: true Default probable cause: MacMoveRateExceeded (1429)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when the SDP exceeds the Service Site's MAC Move Frequency.		
Raising condition: ('operationalFlags'anyBit'Relearn Limit Exceeded')		
Clearing condition: NOT (('operationalFlags'anyBit'Relearn Limit Exceeded'))		
Remedial action: Check Service Site MAC move frequency or underlying physical link to understand issue.		

Table 17-130 macMoveRateExceededNonBlock (service)

Alarm	Attributes	Applicable major releases
Name: macMoveRateExceededNonBlock (4893) Type: accessInterfaceAlarm (40) Package: service Raised on class: service.AccessInterface	Severity: info Implicitly cleared: true Default probable cause: MacMoveRateExceededNonBlock (1951)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when the SAP exceeds the MAC Move Frequency of the service site when limitMacMove(sapTIsLimitMacMove) is set to 'nonBlocking'.		
Raising condition: ('State Cause'anyBit'Relearn Limit Exceeded')		
Clearing condition: NOT (('State Cause'anyBit'Relearn Limit Exceeded'))		
Remedial action: Informational - User can adjust the value of 'MAC Move Maximum Rate' to reduce the frequency of this alarm.		

Table 17-131 macMoveRateExceededNonBlock (svt)

Alarm	Attributes	Applicable major releases
Name: macMoveRateExceededNonBlock (4893) Type: SpokeSdpBindingAlarm (104) Package: svt Raised on class: svt.SpokeSdpBinding	Severity: info Implicitly cleared: true Default probable cause: MacMoveRateExceededNonBlock (1951)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when the SDP exceeds the Service Site's MAC Move Frequency even when limitMacMove(sdpBindTIsLimitMacMove) is set to 'nonBlocking'.		
Raising condition: ('operationalFlags'anyBit'Relearn Limit Exceeded')		
Clearing condition: NOT (('operationalFlags'anyBit'Relearn Limit Exceeded'))		
Remedial action: Informational - User can adjust the value of 'MAC Move Maximum Rate' to reduce the frequency of this alarm.		

Table 17-132 MCLagDown (lag)

Alarm	Attributes	Applicable major releases
Name: MCLagDown (394) Type: equipmentAlarm (3) Package: lag Raised on class: lag.MultiChassisLagSpecifics	Severity: critical Implicitly cleared: true Default probable cause: mCLagDown (295)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when all ports in an MC LAG are operationally down.		
Raising condition: (('administrativeState' EQUAL 'Up') AND ('operationalState' NOT EQUAL 'Up'))		
Clearing condition: (('operationalState' EQUAL 'Up') OR ('administrativeState' NOT EQUAL 'Up'))		
Remedial action: This alarm indicates that all physical Ethernet links associated with a LAG are operationally down. The reasons for the links to be down may vary from link to link. The following possible causes of this alarm should be investigated. The physical port (near end or far end may have failed - this can be remedied by replacing the interface card in question. The physical links may have been turned down administratively - re-enable the links. A cable failure or disconnect may have occurred - please ensure that the cables are properly connected to the physical port and and that the cable has not been damaged.		

Table 17-133 MCLagDown (multichassis)

Alarm	Attributes	Applicable major releases
Name: MCLagDown (394) Type: equipmentAlarm (3) Package: multichassis Raised on class: multichassis.MultiChassisLagPeerSpecifics	Severity: critical Implicitly cleared: true Default probable cause: mCLagDown (295)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when all ports in an MC LAG are operationally Down.		
Raising condition: (('Administrative State' EQUAL 'Up') AND ('Operational State' NOT EQUAL 'Up'))		
Clearing condition: (('Operational State' EQUAL 'Up') OR ('Administrative State' NOT EQUAL 'Up'))		
Remedial action: This alarm indicates that all physical Ethernet links associated with a LAG are operationally down. The reasons for the links to be down may vary from link to link. The following possible causes of this alarm should be investigated. The physical port (near end or far end may have failed - this can be remedied by replacing the interface card in question. The physical links may have been turned down administratively - re-enable the links. A cable failure or disconnect may have occurred - please ensure that the cables are properly connected to the physical port and and that the cable has not been damaged.		

Table 17-134 MCPeerEPDown

Alarm	Attributes	Applicable major releases
Name: MCPeerEPDown (1069) Type: equipmentAlarm (3) Package: multichassis Raised on class: multichassis.MultiChassisEndpoint	Severity: critical Implicitly cleared: true Default probable cause: MCPeerEPDown (811)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when an MC endpoint is operationally down.		

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Alarm	Attributes	Applicable major releases
Raising condition: (('Operational State' NOT EQUAL 'Up') AND ('Administrative State' EQUAL 'Up'))		
Clearing condition: (('Operational State' EQUAL 'Up') OR ('Administrative State' NOT EQUAL 'Up'))		
Remedial action: Bring up the all End Point Members.		

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Table 17-135 MepAISReceivedAlarm

Alarm	Attributes	Applicable major releases
Name: MepAISReceivedAlarm (2945) Type: oamAlarm (18) Package: ethernetoam Raised on class: ethernetoam.Mep	Severity: variable Implicitly cleared: true Default probable cause: missingRemoteMep (388)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when a MEP receives AIS test frames from one or more of its sub-layer MEPs.		
Raising condition: (('AIS Received (AisRx)' EQUAL 'true') AND ('Facility VLAN ID' EQUAL '0'))		
Clearing condition: ('AIS Received (AisRx)' EQUAL 'false')		
Remedial action: This alarm indicates that it has received a MEP fault from a sub-layer MEP, user should investigate the fault cause on the sub-layer MEP and resolve this root cause issue.		

Table 17-136 MissingLocalEntry

Alarm	Attributes	Applicable major releases
Name: MissingLocalEntry (291) Type: configurationAlarm (11) Package: I2fwd Raised on class: I2fwd.ServiceMacProtection	Severity: minor Implicitly cleared: true Default probable cause: Protected_Mac_Address_Not_Global (222)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when a protected MAC address is not configured on all sites of a VPLS. This can occur if the protected MAC address is added or removed using a CLI.		
Raising condition: ('isEntryGlobal' EQUAL 'false')		
Clearing condition: ('isEntryGlobal' EQUAL 'true')		
Remedial action: Configure the 'Protected MAC Address' on all the VPLS sites.		

Table 17-137 MldDown

Alarm	Attributes	Applicable major releases
Name: MldDown (587) Type: ProtocolAlarm (1) Package: mld Raised on class: mld.Site	Severity: critical Implicitly cleared: true Default probable cause: protocolDown (1)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when an MLD site has an Operational State other than Up, and the Administrative State is Up.		
Raising condition: (('Administrative State' EQUAL 'Up') AND ('Operational State' NOT EQUAL 'Up'))		
Clearing condition: (('Operational State' EQUAL 'Up') OR ('Administrative State' NOT EQUAL 'Up'))		
Remedial action: Check the base router and system are configured correctly.		

Table 17-138 MobileConnectorDown

Alarm	Attributes	Applicable major releases
Name: MobileConnectorDown (1064) Type: EpcAlarm (59) Package: Iteservice Raised on class: Iteservice.MobileServiceConnector	Severity: minor Implicitly cleared: true Default probable cause: EpcDown (519)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when the 5620 SAM no longer manages the EPS path instance of this mobile service site. As a result, the service must be regenerated.		
Raising condition: ('EPS Path' EQUAL "\")		
Clearing condition: ('EPS Path' NOT EQUAL "\")		
Remedial action: The underlying transport network has gone down resulting in the deletion of a mobile service connector (EPS path). Correct the issue with the transport network and regenerate the mobile service connector by clicking on the re-calculate button on the mobile service properties form.		

Table 17-139 MplsDown

Alarm	Attributes	Applicable major releases
Name: MplsDown (27) Type: ProtocolAlarm (1) Package: mpls Raised on class: mpls.Site	Severity: critical Implicitly cleared: true Default probable cause: protocolDown (1)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when an MPLS site has an Operational State other than Up, and the Administrative State is Up.		
Raising condition: (('Administrative State' EQUAL 'Up') AND ('Operational State' NOT EQUAL 'Up'))		
Clearing condition: (('Operational State' EQUAL 'Up') OR ('Administrative State' NOT EQUAL 'Up'))		
Remedial action: Check operational down reason and update accordingly.		

Table 17-140 MplsPathUpdateFailed

Alarm	Attributes	Applicable major releases
Name: MplsPathUpdateFailed (1066) Type: pathAlarm (12) Package: mpls Raised on class: mpls.LspPath	Severity: major Implicitly cleared: true Default probable cause: mbbRetryExceeded (804) Applicable probable causes: <ul style="list-style-type: none"> • mbbRetryExceeded • lspPathGoingDown • startingHighPriMbb • restartingMbb • highPriMbbInProg 	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when an MPLS path update fails because of an MBB problem. The alarm clears when the MBB status changes to Successful.		
Raising condition: (('mbbStatus' NOT EQUAL 'None') AND ('mbbStatus' NOT EQUAL 'Successful'))		
Clearing condition: (('Last Performed State' EQUAL 'Success') OR ('Administrative' EQUAL 'Down') OR (('Operational' EQUAL 'Up') AND ('Last Performed State' EQUAL 'None'))		
Remedial action: Based on the probable cause, change the parameters and update the path again.		

Table 17-141 MrpAttrTblSizeLimitReached

Alarm	Attributes	Applicable major releases
Name: MrpAttrTblSizeLimitReached (574) Type: resourceAlarm (28) Package: l2fwd Raised on class: l2fwd.SiteMrp	Severity: major Implicitly cleared: true Default probable cause: resourceLimitReached (131)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when the number of MRP attribute table entries for a service site exceeds the high watermark specified by l2fwd.SiteMrp.mrpAttrTblHighWatermark. The alarm clears when the number of MRP attribute table entries for the site drops below the low watermark specified by l2fwd.SiteMrp.mrpAttrTblLowWatermark.		
Raising condition: (('MRP Attribute Count' >= 'MRP Max Attributes') OR ('MRP Attribute Count' >= (('MRP Attribute-Table-High-Watermark' * 'MRP Max Attributes') / 100.0)))		
Clearing condition: (('MRP Attribute Count' < 'MRP Max Attributes') AND (('MRP Attribute-Table-High-Watermark' EQUAL '0') OR ('MRP Attribute Count' < (('MRP Attribute-Table-Low-Watermark' * 'MRP Max Attributes') / 100.0))) AND (('MRP Attribute-Table-Low-Watermark' EQUAL '0') OR ('MRP Attribute Count' < (('MRP Attribute-Table-Low-Watermark' * 'MRP Max Attributes') / 100.0)))		
Remedial action: Informational		

Table 17-142 MsdpDown

Alarm	Attributes	Applicable major releases
Name: MsdpDown (353) Type: ProtocolAlarm (1) Package: msdp Raised on class: msdp.Site	Severity: critical Implicitly cleared: true Default probable cause: protocolDown (1)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when an MSDP site is administratively down. The alarm clears when the site is administratively up.		
Raising condition: (('Administrative State' EQUAL 'Down'))		
Clearing condition: (('Administrative State' NOT EQUAL 'Down'))		
Remedial action: Turn up the MSDP site.		

Table 17-143 MsPwFecRetryExpired

Alarm	Attributes	Applicable major releases
Name: MsPwFecRetryExpired (3694) Type: serviceAlarm (16) Package: svt Raised on class: svt.SpokeSdpFec	Severity: minor Implicitly cleared: true Default probable cause: msPwFecRetryExpired (1433)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when a trap is received because of retry expired. The alarm is cleared when the retry starts again.		
Raising condition: ('Retry Expired' EQUAL 'true')		
Clearing condition: ('Retry Expired' EQUAL 'false')		
Remedial action: May need to shutdown the multi-segment pseudo-wire provider edge to restart the retries.		

Table 17-144 MultiChassisRingDown

Alarm	Attributes	Applicable major releases
Name: MultiChassisRingDown (520) Type: redundancyAlarm (52) Package: multichassis Raised on class: multichassis.MultiChassisRing	Severity: major Implicitly cleared: true Default probable cause: ringDown (395)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when a MC ring group Operational State is not in the Connected state. The alarm is cleared when the ring group enters the Connected state.		
Raising condition: ('Operational State' NOT EQUAL 'Connected')		
Clearing condition: ('Operational State' EQUAL 'Connected')		
Remedial action: Check if MC ring is admin down, MC Sync is operational up, In-Band Control Connection is up, ring node is up ...		

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Table 17-145 MvrConfiguredFromVplsNotExist

Alarm	Attributes	Applicable major releases
Name: MvrConfiguredFromVplsNotExist (219) Type: configurationAlarm (11) Package: vpls Raised on classes: <ul style="list-style-type: none"> vpls.L2AccessInterfaceMldMvrCfg vpls.L2AccessInterfaceMvrCfg 	Severity: warning Implicitly cleared: true Default probable cause: MvrConfiguredFromVplsNotExist (164)	<ul style="list-style-type: none"> 10.0 11.0 12.0 9.0
Description: The alarm is raised when an MVR source is an MVR VPLS that does not exist. The alarm clears when the MVR VPLS is created.		
Raising condition: ('fromVplsExists' EQUAL 'false')		
Clearing condition: (('fromVplsExists' EQUAL 'true') OR ('fromVplsId' EQUAL '0L'))		
Remedial action: Create the missing MVR VPLS.		

Table 17-146 MvrConfiguredProxySapNotExist

Alarm	Attributes	Applicable major releases
Name: MvrConfiguredProxySapNotExist (220) Type: configurationAlarm (11) Package: vpls Raised on classes: <ul style="list-style-type: none"> vpls.L2AccessInterfaceMldMvrCfg vpls.L2AccessInterfaceMvrCfg 	Severity: warning Implicitly cleared: true Default probable cause: MvrConfiguredProxySapNotExist (165)	<ul style="list-style-type: none"> 10.0 11.0 12.0 9.0
Description: The alarm is raised when a configured MVR proxy SAP does not exist. The alarm clears when the proxy SAP is created.		
Raising condition: ('proxySapExists' EQUAL 'false')		
Clearing condition: ('proxySapExists' EQUAL 'true')		
Remedial action: Create the missing proxy SAP.		

Table 17-147 MvrSiteDown

Alarm	Attributes	Applicable major releases
Name: MvrSiteDown (162) Type: ProtocolAlarm (1) Package: layer2 Raised on class: layer2.MvrSite	Severity: warning Implicitly cleared: true Default probable cause: protocolDown (1)	<ul style="list-style-type: none"> 10.0 11.0 12.0 9.0
Description: The alarm is raised when MVR is disabled on an NE and a TLS VLAN or MVR VLAN service is provisioned on the NE.		
Raising condition: ('MVR Admin Status' EQUAL 'Disabled')		
Clearing condition: ('MVR Admin Status' EQUAL 'Enabled')		

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Alarm	Attributes	Applicable major releases
Remedial action: To clear the alarm, enable MVR Admin Status under the Bridge Instance.		

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Table 17-148 NeighborDown

Alarm	Attributes	Applicable major releases
Name: NeighborDown (121) Type: NeighborDown (20) Package: ospf Raised on class: ospf.AbstractNeighbor	Severity: major Implicitly cleared: true Default probable cause: NeighborDown (103)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when an OSPF interface neighbor is operationally Down.		
Raising condition: ('Operational State' NOT EQUAL 'full')		
Clearing condition: ('Operational State' EQUAL 'full')		
Remedial action: This alarm is raised when the OSPF interface neighbor is operationally down. The situation may occur if the underlying physical interface is down either because of administrative disabling or a fault on the far end port or due to a cable connection or cable failure. This alarm will also be raised if the underlying transport network fails or is unreliable. Resolving the underlying instability in the transport network will correct this problem.		

Table 17-149 NeManagementAndTrapManagementMismatch

Alarm	Attributes	Applicable major releases
Name: NeManagementAndTrapManagementMismatch (1079) Type: communicationsAlarm (4) Package: netw Raised on class: netw.NetworkElement	Severity: warning Implicitly cleared: true Default probable cause: neManagementChange (817)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: This user-defined alarm is raised when the NE configuration is one of the following: - The Active Management IP is set to Out Of Band, and the Primary Route Preference is set to In Band. - The Active Management IP is set to In Band, and the Primary Route Preference is set to Out of Band.		
Raising condition: (((('Active Management IP' EQUAL 'In Band') AND (('Management IP Selection' EQUAL 'In Band Preferred') OR ('Management IP Selection' EQUAL 'In Band Only'))) AND ('Primary Route Preference' EQUAL 'Out Of Band') AND ('Secondary Route Preference' EQUAL 'In Band')) OR (('Active Management IP' EQUAL 'Out Of Band') AND (('Management IP Selection' EQUAL 'Out Of Band Preferred') OR ('Management IP Selection' EQUAL 'Out Of Band Only'))) AND ('Primary Route Preference' EQUAL 'In Band') AND ('Secondary Route Preference' EQUAL 'Out Of Band'))		
Clearing condition: (((('Active Management IP' EQUAL 'In Band') AND (('Management IP Selection' EQUAL 'In Band Preferred') OR ('Management IP Selection' EQUAL 'In Band Only'))) AND ('Primary Route Preference' EQUAL 'In Band')) OR (('Active Management IP' EQUAL 'Out Of Band') AND (('Management IP Selection' EQUAL 'Out Of Band Preferred') OR ('Management IP Selection' EQUAL 'Out Of Band Only'))) AND ('Primary Route Preference' EQUAL 'Out Of Band'))		
Remedial action: A configuration error has been made which must be corrected. The parameters described in the description for this alarm must match.		

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Table 17-150 NewSsh2ServerKeyDetected

Alarm	Attributes	Applicable major releases
Name: NewSsh2ServerKeyDetected (285) Type: communicationsAlarm (4) Package: security Raised on class: security.KnownHostKey	Severity: warning Implicitly cleared: true Default probable cause: ssh2ServerKeyMismatch (217)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when a 5620 SAM main server detects a new public SSH key.		
Raising condition: ('SSH2 Server Key Status' EQUAL 'Mismatch SSH2 Host Key')		
Clearing condition: ('SSH2 Server Key Status' EQUAL 'Active SSH2 Host Key')		
Remedial action: Informational - possible security breach. The SSH key of the router is different from the one known to the SAM server.		

Table 17-151 NodeDatabaseFallbackDetected

Alarm	Attributes	Applicable major releases
Name: NodeDatabaseFallbackDetected (2923) Type: communicationsAlarm (4) Package: netw Raised on class: netw.NetworkElement	Severity: major Implicitly cleared: true Default probable cause: nodeDatabaseFallback (1121)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when a configuration fallback is detected on the node and comes back up with a previous configuration. To correct this situation it might be necessary to reconfigure the node, or perform full resync its database with the 'fallback' configuration returned by the node.		
Raising condition: ('State' EQUAL 'Node Configuration Fallback')		
Clearing condition: ('State' EQUAL 'Managed')		
Remedial action: the NE has come back to a previous configuration. Perform a manual Full Resync or a Reconfigure of the NE		

Table 17-152 NodeDatabaseMisalignmentDetected

Alarm	Attributes	Applicable major releases
Name: NodeDatabaseMisalignmentDetected (2924) Type: communicationsAlarm (4) Package: netw Raised on class: netw.NetworkElement	Severity: major Implicitly cleared: true Default probable cause: nodeDatabaseMisalignment (1122)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when a configuration misalignment has been detected on the node and comes back up with an unexpected configuration (configuration change triggered by external tool) To correct this situation it might be necessary to reconfigure the node with the 5620 SAM's old configuration or accept the new configuration received from the node.		
Raising condition: ('State' EQUAL 'Node Configuration Misalignment')		
Clearing condition: ('State' EQUAL 'Managed')		
Remedial action: the NE configuration is misaligned. Perform a resync in order to update SAM configuration according to the NE.		

Table 17-153 NodeRebooted

Alarm	Attributes	Applicable major releases
Name: NodeRebooted (32) Type: equipmentAlarm (3) Package: netw Raised on class: netw.NetworkElement	Severity: warning Implicitly cleared: false Default probable cause: nodeReboot (25)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when the 5620 SAM detects an NE reboot based on the latest NE sysUpTime value.		
Remedial action: Informational - if the alarm persists please contact Alcatel-Lucent support for assistance		

Table 17-154 NodeSuspended

Alarm	Attributes	Applicable major releases
Name: NodeSuspended (5123) Type: communicationsAlarm (4) Package: netw Raised on class: netw.NetworkElement	Severity: critical Implicitly cleared: true Default probable cause: NodeSuspend (2057)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when the 5620 SAM detects an NE moved to suspend state as per user request.		
Raising condition: ('SNMP Reachability' EQUAL 'Suspended')		
Clearing condition: ('SNMP Reachability' NOT EQUAL 'Suspended')		
Remedial action: This alarm is raised when user suspends the network element. The alarm will be cleared when the network element is managed back.		

Table 17-155 NoPeerMcRingFound

Alarm	Attributes	Applicable major releases
Name: NoPeerMcRingFound (782) Type: configurationAlarm (11) Package: multichassis Raised on class: multichassis.MultiChassisRing	Severity: major Implicitly cleared: true Default probable cause: IncompleteConfig (557)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when the 5620 SAM cannot find the peer MC ring.		
Raising condition: ('Peer Multi-Chassis Ring' EQUAL '\')		
Clearing condition: ('Peer Multi-Chassis Ring' NOT EQUAL '\')		
Remedial action: Configure the missing peered MC ring, or delete this one if it is not used.		

Table 17-156 NTPOperDown

Alarm	Attributes	Applicable major releases
Name: NTPOperDown (4879) Type: communicationsAlarm (4) Package: ntp Raised on class: ntp.NTP	Severity: info Implicitly cleared: true Default probable cause: NTPOperDown (1943)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is generated when the NTP Operational State is down for NTP.		
Raising condition: (('Operational State' EQUAL 'Down') AND ('NTP State' EQUAL 'Enabled'))		
Clearing condition: (('Operational State' EQUAL 'Up') OR ('NTP State' EQUAL 'Disabled'))		
Remedial action: Please check if NTP is administratively enabled (Admin State in NTP General Tab). If admin state down, enable it to make NTP operationally up.		

Table 17-157 OrphanNodeDetected

Alarm	Attributes	Applicable major releases
Name: OrphanNodeDetected (4866) Type: discoveryControlAlarm (33) Package: netw Raised on class: netw.AdvertisedNode	Severity: major Implicitly cleared: true Default probable cause: nodeNotMangedByAnyEms (1934)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when node is node managed by any EMS after n retries(threshold crossed) it is manually cleared by the operator or when the node is discovered.		
Raising condition: ('State' EQUAL 'Orphan')		
Remedial action: The NE is not managed by any SAM.Add an discovery rule in order to managed it.		

Table 17-158 OspflInterfaceDown

Alarm	Attributes	Applicable major releases
Name: OspflInterfaceDown (141) Type: OspflInterfaceDown (24) Package: ospf Raised on class: ospf.Interface	Severity: warning Implicitly cleared: true Default probable cause: OspflInterfaceDown (112)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when an OSPF interface is operationally down.		
Raising condition: ('operationalState' EQUAL 'Down')		
Clearing condition: ('operationalState' NOT EQUAL 'Down')		
Remedial action: This alarm is raised when the OSPF interface is operationally down. The situation may occur if the underlying physical interface is down either because of administrative disabling or a fault on the far end port or due to a cable connection or cable failure. This alarm will also be raised if the underlying transport network fails or is unreliable. Resolving the underlying instability in the transport network will correct this problem.		

Table 17-159 OverTemperatureDetected

Alarm	Attributes	Applicable major releases
Name: OverTemperatureDetected (388) Type: environmentalAlarm (2) Package: equipment Raised on class: equipment.Shelf	Severity: major Implicitly cleared: true Default probable cause: equipmentOverheated (5)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when the chassis temperature exceeds the maximum threshold value.		
Raising condition: ('Over Temperature State' EQUAL 'Over')		
Clearing condition: ('Over Temperature State' NOT EQUAL 'Over')		
Remedial action: The NE has detected internal temperatures which are abnormally high. This could be caused by a failed fan unit or one or more dirty fan filters. Replacing the failed unit or filters should resolve the problem. Alternately the environment that the NE is operating in may not be within specifications found in the NE user guides.		

Table 17-160 P2MPLSPDown

Alarm	Attributes	Applicable major releases
Name: P2MPLSPDown (4378) Type: pathAlarm (12) Package: mpls Raised on class: mpls.P2MPDynamicLsp	Severity: critical Implicitly cleared: true Default probable cause: P2MPLSPDown (1563)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when the P2MP LSP Administrative State is Up and the Operational State is Down. The alarm clears when the P2MP LSP Operational State changes to Up or the Administrative State changes to Down.		
Raising condition: (('Administrative' EQUAL 'Up') AND ('Operational' NOT EQUAL 'Up'))		
Clearing condition: (('Operational' EQUAL 'Up') OR ('Administrative' NOT EQUAL 'Up'))		
Remedial action: The operational state of the P2MP LSP is down, despite the administrative state being up. Review the P2MP Primary Instance or S2LPath to make sure it was configured correctly and Administrative state is up. The physical port near end or far end may have failed - this can be remedied by replacing the interface card in question. The physical links may have been turned down administratively - re-enable the links. A cable failure or disconnect may have occurred - please ensure that the cables are properly connected to the physical port and and that the cable has not been damaged.		

Table 17-161 PartialResyncProblem

Alarm	Attributes	Applicable major releases
Name: PartialResyncProblem (4401) Type: communicationsAlarm (4) Package: netw Raised on class: netw.NetworkElement	Severity: warning Implicitly cleared: true Default probable cause: partialResyncProblem (1578)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when a partial resync on an NE fails. For example, when resyncing only some MIB entries as opposed to a full resync. The periodic reachability test (sysUpTime) is not considered a partial resync, neither is a full resync. However, a PartialResyncProblem alarm can only be reset by a FullResync.		

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Alarm	Attributes	Applicable major releases
Raising condition: ('partialResyncStatus' EQUAL 'Partial Resync Failed')		
Clearing condition: ('partialResyncStatus' EQUAL 'Partial Resync Done')		
Remedial action: Informational - if the alarm persists or is occurring frequently then investigation is required to understand a) why the underlying transport network is unreliable or b) why the NE is too busy to respond to 5620 SAM or c) has SNMP been disabled on the NE.		

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Table 17-162 PeerConnectionDown (bgp)

Alarm	Attributes	Applicable major releases
Name: PeerConnectionDown (2) Type: ProtocolAlarm (1) Package: bgp Raised on class: bgp.Peer	Severity: critical Implicitly cleared: true Default probable cause: connectionDown (2)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when a BGP peer has a Connection State other than Established, and the Administrative State of the BGP peer is Up.		
Raising condition: (('Connection State' NOT EQUAL 'Established') AND ('Administrative State' EQUAL 'Up'))		
Clearing condition: (('Connection State' EQUAL 'Established') OR ('Administrative State' NOT EQUAL 'Up'))		
Remedial action: A mismatch in configuration may have occurred. Check the configuration of both peers to rule out a mismatched configuration.		

Table 17-163 PeerConnectionDown (msdp)

Alarm	Attributes	Applicable major releases
Name: PeerConnectionDown (2) Type: ProtocolAlarm (1) Package: msdp Raised on class: msdp.CommonPeer	Severity: critical Implicitly cleared: true Default probable cause: connectionDown (2)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when the connectionState of this peer changes from Established to a state other than Established. The alarm clears when the connectionState of this peer returns to the Established state.		
Raising condition: (('connectionState' NOT EQUAL 'Established') AND ('administrativeState' EQUAL 'Up'))		
Clearing condition: (('connectionState' EQUAL 'Established') OR ('administrativeState' NOT EQUAL 'Up'))		
Remedial action: Check the configurations of the peer routers.		

Table 17-164 PeerDown (bgp)

Alarm	Attributes	Applicable major releases
Name: PeerDown (1) Type: ProtocolAlarm (1) Package: bgp Raised on class: bgp.Peer	Severity: critical Implicitly cleared: true Default probable cause: protocolDown (1)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when a BGP peer has an Operational State other than Up, and the Administrative State is Up.		
Raising condition: (('Administrative State' EQUAL 'Up') AND ('Operational State' NOT EQUAL 'Up'))		
Clearing condition: (('Operational State' EQUAL 'Up') OR ('Administrative State' NOT EQUAL 'Up'))		
Remedial action: The BGP peer entity is down - administratively disable the BGP peer and re-enable it. If toggling the administrative state does not solve the problem check that the physical interface and network connection to the far end peer are up and operational. If the problem persists please contact Alcatel-Lucent support for assistance.		

Table 17-165 PeerDown (msdp)

Alarm	Attributes	Applicable major releases
Name: PeerDown (1) Type: ProtocolAlarm (1) Package: msdp Raised on class: msdp.CommonPeer	Severity: critical Implicitly cleared: true Default probable cause: protocolDown (1)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when the Administrative State of a peer changes from Up to Down. The alarm clears when the Administrative State returns to Up.		
Raising condition: (('administrativeState' EQUAL 'Down'))		
Clearing condition: (('administrativeState' NOT EQUAL 'Down'))		
Remedial action: Turn up the Peer.		

Table 17-166 PeerGroupDown (bgp)

Alarm	Attributes	Applicable major releases
Name: PeerGroupDown (5) Type: ProtocolAlarm (1) Package: bgp Raised on class: bgp.PeerGroup	Severity: critical Implicitly cleared: true Default probable cause: protocolDown (1)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when a BGP peer group has an Operational State other than Up, and the Administrative State is Up.		
Raising condition: (('Administrative State' EQUAL 'Up') AND ('Operational State' NOT EQUAL 'Up'))		
Clearing condition: (('Operational State' EQUAL 'Up') OR ('Administrative State' NOT EQUAL 'Up'))		
Remedial action: The BGP peer group is down - administratively disable the BGP peer group and re-enable it. If the problem persists please contact Alcatel-Lucent support for assistance.		

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Table 17-167 PeerGroupDown (msdp)

Alarm	Attributes	Applicable major releases
Name: PeerGroupDown (5) Type: ProtocolAlarm (1) Package: msdp Raised on class: msdp.PeerGroup	Severity: critical Implicitly cleared: true Default probable cause: protocolDown (1)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when the Administrative State of a peer group changes from Up to Down. The alarm clears when the Administrative State returns to Up.		
Raising condition: (('Administrative State' EQUAL 'Down'))		
Clearing condition: (('Administrative State' NOT EQUAL 'Down'))		
Remedial action: Turn up the Group.		

Table 17-168 PeerLacIngressEgressFault

Alarm	Attributes	Applicable major releases
Name: PeerLacIngressEgressFault (2929) Type: PeerLacAlarm (98) Package: svt Raised on class: svt.SpokeSdpBinding	Severity: minor Implicitly cleared: true Default probable cause: peerPWStatusBitsChanged (1123)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when the Peer Status is Peer LAC Rx Fault and Peer LAC Tx Fault		
Raising condition: (('Peer State Cause'anyBit'Peer LAC Tx Fault') AND ('Peer State Cause'anyBit'Peer LAC Rx Fault'))		
Clearing condition: NOT (('Peer State Cause'anyBit'Peer LAC Tx Fault') AND ('Peer State Cause'anyBit'Peer LAC Rx Fault'))		
Remedial action: One of the following conditions exists on the referenced physical interface which must be corrected. A cable/fiber fault exists which must be corrected - check to ensure that the cable is not faulty and is properly connected. The port is faulty - run diagnostics on the port to determine the nature of the fault. If the problem cannot be resolved swap the card containing the port with a card which is known be functional.		

Table 17-169 PersistentIndexParametersMisconfigured

Alarm	Attributes	Applicable major releases
Name: PersistentIndexParametersMisconfigured (173) Type: configurationAlarm (11) Package: netw Raised on class: netw.NetworkElement	Severity: major Implicitly cleared: true Default probable cause: persistentIndexConfigurationMismatch (136)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when persistence is set to Off in the NE BOF.		
Raising condition: (('Persistent SNMP Indices' EQUAL 'False') OR (('hasRedundantProcessorCards' EQUAL 'true') AND ('Redundant Synchronization Mode' EQUAL 'None'))		

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Alarm	Attributes	Applicable major releases
Clearing condition: (('Persistent SNMP Indices' EQUAL 'True') AND (('hasRedundantProcessorCards' EQUAL 'false') OR ('Redundant Synchronization Mode' NOT EQUAL 'None'))		
Remedial action: A configuration error has occurred that must be corrected. Use the CLI on the NE to enable persistency in the BOF. The discovery process will complete on the next discovery scan. A re-scan can be triggered immediately for the NE from within the discovery manager		

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Table 17-170 PimDown

Alarm	Attributes	Applicable major releases
Name: PimDown (184) Type: ProtocolAlarm (1) Package: pim Raised on class: pim.Site	Severity: critical Implicitly cleared: true Default probable cause: protocolDown (1)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when a PIM site is administratively Up but operationally Down. The alarm is cleared when the PIM site becomes operationally Up but administratively Down.		
Raising condition: (('Administrative State' EQUAL 'Up') AND ('Operational State' NOT EQUAL 'Up'))		
Clearing condition: (('Operational State' EQUAL 'Up') OR ('Administrative State' NOT EQUAL 'Up'))		
Remedial action: This should never happen. Contact Alcatel-Lucent Customer Support for assistance.		

Table 17-171 PollerProblem

Alarm	Attributes	Applicable major releases
Name: PollerProblem (31) Type: communicationsAlarm (4) Package: netw Raised on class: netw.NetworkElement	Severity: warning Implicitly cleared: true Default probable cause: resyncFailed (24)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when the 5620 SAM is unable to poll a network object, for example, because of intermittent or no IP connectivity to an NE, incorrect SNMP security parameters, or disabled SNMP on the NE.		
Raising condition: ('Resync Status' EQUAL 'Full Resync Failed')		
Clearing condition: ('Resync Status' EQUAL 'Full Resync Done')		
Remedial action: Informational - if the alarm persists or is occurring frequently then investigation is required to understand a) why the underlying transport network is unreliable or b) why the NE is too busy to respond to 5620 SAM or c) has SNMP been disabled on the NE. Once the issue has been resolved SAM will automatically re-attempt.		

Table 17-172 PoolDepleted

Alarm	Attributes	Applicable major releases
Name: PoolDepleted (3950) Type: configurationAlarm (11) Package: dhcp Raised on class: dhcp.AddressPool	Severity: major Implicitly cleared: false Default probable cause: actualFreeAddrDepleted (1529)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: This alarm is generated when the actual number of free addresses in the DHCP Server Address pool becomes zero.		
Remedial action: This alarm is generated when the actual number of free addresses in a pool becomes zero. Please increase the pool address range or create another address pool.		

Table 17-173 PortEtherSymMonSDAlarm

Alarm	Attributes	Applicable major releases
Name: PortEtherSymMonSDAlarm (5662) Type: communicationsAlarm (4) Package: ethernetequipment Raised on class: ethernetequipment.EthernetPortSpecifics	Severity: major Implicitly cleared: true Default probable cause: etherPortSymMonSDThresholdExceededAlarm (2439)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when an Ethernet port Symbol Monitor Failure alarm condition is detected (Signal Degradation Threshold exceeded).		
Raising condition: ('Symbol Alarm Reason' EQUAL 'SD Threshold Exceeded')		
Clearing condition: ('Symbol Alarm Reason' NOT EQUAL 'SD Threshold Exceeded')		
Remedial action: Symbol monitor signal degradation alarm could be cleared by changing/disabling the associated threshold/multiplier values or it is self clearing and will clear once the error rate drops below 1/10th of the configured rate.		

Table 17-174 PortEtherSymMonSFAlarm

Alarm	Attributes	Applicable major releases
Name: PortEtherSymMonSFAlarm (5663) Type: communicationsAlarm (4) Package: ethernetequipment Raised on class: ethernetequipment.EthernetPortSpecifics	Severity: major Implicitly cleared: true Default probable cause: etherPortSymMonSFThresholdExceededAlarm (2440)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when an Ethernet port Symbol Monitor Failure alarm condition is detected (Signal Failure Threshold exceeded).		
Raising condition: ('Symbol Alarm Reason' EQUAL 'SF Threshold Exceeded')		
Clearing condition: ('Symbol Alarm Reason' NOT EQUAL 'SF Threshold Exceeded')		
Remedial action: Symbol monitor signal failure alarm could be cleared by changing/disabling the associated threshold/multiplier values or by taking the port out of service (eg. shutdown, card/mda reset, physical link loss).		

Table 17-175 PowerSupplyFailure

Alarm	Attributes	Applicable major releases
Name: PowerSupplyFailure (633) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.PowerSupplyTray	Severity: critical Implicitly cleared: true Default probable cause: powerSupplyFailure (117)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when a power-supply tray reports a failure. When the alarm is raised during device discovery, a power-supply tray may be out of service. When the alarm is raised while the device is in the managed state, a power-supply tray may be out of service or the AC power shelf has a fault condition. The alarm clears when the status changes to OK.		
Raising condition: (('Power Supply 1 Status' EQUAL 'Not Equipped') OR ('Power Supply 1 Status' EQUAL 'Failed'))		
Clearing condition: (('Power Supply 1 Status' EQUAL 'OK'))		
Remedial action: Ensure that the NE is properly connected to power. If the problem persists please contact Alcatel-Lucent support for assistance.		

Table 17-176 PowerSupplyInputFeedDown

Alarm	Attributes	Applicable major releases
Name: PowerSupplyInputFeedDown (5422) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.PowerSupplyTray	Severity: minor Implicitly cleared: true Default probable cause: powerSupplyInputFeedDown (2073)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: This alarm is generated if any one of the input feeds for a given power supply is not supplying power.		
Raising condition: (('inputFeedStatus' EQUAL 'Input A Down') OR ('inputFeedStatus' EQUAL 'Input B Down') OR (('inputFeedStatus'allBits'Input A Down') AND ('inputFeedStatus'allBits'Input B Down'))		
Clearing condition: ('inputFeedStatus' EQUAL 'None')		
Remedial action: Restore all of the input feeds that are not supplying power.		

Table 17-177 PowerSupplyRemoved

Alarm	Attributes	Applicable major releases
Name: PowerSupplyRemoved (542) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.PowerSupplyTray	Severity: major Implicitly cleared: true Default probable cause: PowerSupplyRemoved (415)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when a chassis power supply is removed.		
Raising condition: ('Power Supply 1 Status' EQUAL 'Not Equipped')		
Clearing condition: ('Power Supply 1 Status' NOT EQUAL 'Not Equipped')		
Remedial action: To recover from this event, the customer is requested to add a new power supply to the system, or change a faulty power supply with a working one.		

Table 17-178 PppLoopbackDetected

Alarm	Attributes	Applicable major releases
Name: PppLoopbackDetected (362) Type: configurationAlarm (11) Package: ppp Raised on class: ppp.Interface	Severity: major Implicitly cleared: true Default probable cause: PppLoopbackDetected (259)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when the value of tmnxPppLocalMagicNumber is the same as the value of tmnxPppRemoteMagicNumber, which indicates that the link may be looped back.		
Raising condition: (('Local Magic Number' EQUAL 'Remote Magic Number') AND ('Local Magic Number' NOT EQUAL '0L'))		
Clearing condition: (('Local Magic Number' NOT EQUAL 'Remote Magic Number') OR ('Local Magic Number' EQUAL '0L'))		
Remedial action: Informational.		

Table 17-179 PrimaryImageBootFailure

Alarm	Attributes	Applicable major releases
Name: PrimaryImageBootFailure (191) Type: configurationAlarm (11) Package: sw Raised on class: sw.CardSoftware	Severity: warning Implicitly cleared: true Default probable cause: bootOptionFileMisconfigured (150)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when the primary software image specified in an NE BOF is unusable.		
Raising condition: (('imageSource' NOT EQUAL 'Primary') AND ('imageSource' NOT EQUAL 'Unknown'))		
Clearing condition: (('imageSource' EQUAL 'Primary') OR ('imageSource' EQUAL 'Unknown'))		
Remedial action: The SW image on the NE may have been inadvertently corrupted. Download a new copy of the SW image to the NE. If the problem persists contact Alcatel-Lucent support for assistance.		

Table 17-180 PrimaryPathLimitReached

Alarm	Attributes	Applicable major releases
Name: PrimaryPathLimitReached (457) Type: resourceAlarm (28) Package: equipment Raised on class: equipment.DaughterCard	Severity: warning Implicitly cleared: true Default probable cause: resourceLimitReached (131)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when the Ingress Multicast Path Management primary path bandwidth limit is reached.		
Raising condition: (('Primary Path Limit Override' > '0') AND ('Primary Path In use' >= (1000 * 'Primary Path Limit Override'))"		
Clearing condition: (('Primary Path Limit Override' > '0') AND ('Primary Path In use' < (1000 * 'Primary Path Limit Override'))"		
Remedial action: Informational - The alarm is raised when the Ingress Multicast Path Management primary path bandwidth limit is reached. This can be remedied by modifying the primary path limit located at T1 Paths tab of the multicast bandwidth policy which assigned to the card, or increase the primary path limit override located at the Daughter Card tab under Daughter Card Slot form.		

Table 17-181 PTPNotQualified

Alarm	Attributes	Applicable major releases
Name: PTPNotQualified (3611) Type: communicationsAlarm (4) Package: sonet Raised on class: sonet.SiteSync	Severity: minor Implicitly cleared: true Default probable cause: PTPNotQualified (1400)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when PTP on an NE is not in the Qualified state.		
Raising condition: (('Qualified For Use' EQUAL 'Not Qualified'))		
Clearing condition: (('Qualified For Use' NOT EQUAL 'Not Qualified'))		
Remedial action: Check the communication path is up between the local PTP slave clock and its selected master		

Table 17-182 PTPReferenceLossOfSignal

Alarm	Attributes	Applicable major releases
Name: PTPReferenceLossOfSignal (3613) Type: communicationsAlarm (4) Package: sonet Raised on class: sonet.SiteSync	Severity: minor Implicitly cleared: true Default probable cause: PTPReferenceLossOfSignal (1402)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when the PTP reference on an NE is not qualified due to Loss of Signal.		
Raising condition: (('Not Qualified Due To'anyBit'LOS'))		
Clearing condition: NOT (('Not Qualified Due To'anyBit'LOS'))		
Remedial action: Check the communication path is up between the local PTP slave clock and its selected master		

Table 17-183 PTPReferenceOutOfFrequency

Alarm	Attributes	Applicable major releases
Name: PTPReferenceOutOfFrequency (3614) Type: communicationsAlarm (4) Package: sonet Raised on class: sonet.SiteSync	Severity: minor Implicitly cleared: true Default probable cause: PTPReferenceOutOfFrequency (1403)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when the PTP Reference on an NE is not qualified due to Out of frequency.		
Raising condition: (('Not Qualified Due To'anyBit'OOF'))		
Clearing condition: NOT (('Not Qualified Due To'anyBit'OOF'))		
Remedial action: Make sure that frequency configured for Reference One is correct.		

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Table 17-184 PTPReferenceOutOfPollInRange

Alarm	Attributes	Applicable major releases
Name: PTPReferenceOutOfPollInRange (3615) Type: communicationsAlarm (4) Package: sonet Raised on class: sonet.SiteSync	Severity: minor Implicitly cleared: true Default probable cause: PTPReferenceOutOfPollInRange (1404)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when the PTP Reference on an NE is not qualified state due to Out of poll in range.		
Raising condition: (('Not Qualified Due To'anyBit'OOPIR'))		
Clearing condition: NOT (('Not Qualified Due To'anyBit'OOPIR'))		
Remedial action: If there is packet flow, the PTP slave clock is in it's initial acquiring states where the sync-if-timing reference does not qualify just wait.		

Table 17-185 RadiusOperStatusDown

Alarm	Attributes	Applicable major releases
Name: RadiusOperStatusDown (3692) Type: radiusOperStatusDownAlarm (105) Package: netw Raised on class: netw.NetworkElement	Severity: critical Implicitly cleared: true Default probable cause: radiusOperationStatusDown (1431)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when all RADIUS servers have gone down.		
Raising condition: ('Global RADIUS Operational State' EQUAL 'Down')		
Clearing condition: ('Global RADIUS Operational State' EQUAL 'Up')		
Remedial action: Verify the RADIUS server is properly configured and radius server state is up. Check the connectivity between SAM server and radius server configured on the Network element.		

Table 17-186 ReachabilityProblem

Alarm	Attributes	Applicable major releases
Name: ReachabilityProblem (243) Type: communicationsAlarm (4) Package: netw Raised on class: netw.NetworkElement	Severity: major Implicitly cleared: true Default probable cause: ReachabilityTestFailed (176)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when a mediation poll of the SysUpTimeAlarm object on an NE fails, for example, because of network congestion or because the NE is too busy to respond. The probable cause is an unreachable NE Mediation agent on the NE. The polling interval depends on the NE type and is configurable in nms-server.xml. By default, the 5620 SAM polls a managed NE every four minutes. If a poll fails, the alarm is raised. The alarm clears when the 5620 SAM receives a response from the NE, and the 5620 SAM GUI icon that represents the NE turns from red to green.		
Raising condition: ('SNMP Reachability' EQUAL 'Down')		

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Alarm	Attributes	Applicable major releases
Remedial action: Informational - if the alarm persists or is occurring frequently then investigation is required to understand a) why the underlying transport network is unreliable or b) why the NE is too busy to respond to 5620 SAM or c) has SNMP been disabled on the NE. Once the issue has been resolved SAM will automatically re-attempt.		

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Table 17-187 ReconfigFailure

Alarm	Attributes	Applicable major releases
Name: ReconfigFailure (1949) Type: communicationsAlarm (4) Package: netw Raised on class: netw.NetworkElement	Severity: critical Implicitly cleared: true Default probable cause: failedReconfig (937)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: This alarm is raised when the reconfig action failed.		
Raising condition: ('State' EQUAL 'Failed')		
Clearing condition: ('State' NOT EQUAL 'Failed')		
Remedial action: Verify that the object is configured as expected.		

Table 17-188 RedundantMepMisconfiguration

Alarm	Attributes	Applicable major releases
Name: RedundantMepMisconfiguration (3631) Type: oamAlarm (18) Package: ethernetToam Raised on class: ethernetToam.Mep	Severity: minor Implicitly cleared: true Default probable cause: misconfiguredRedundantMep (1416)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when an Active and Redundant MEP do not have the same ID, Operational MAC Address or Sub Group configured.		
Raising condition: ('validRedundantMepConfig' EQUAL 'false')		
Clearing condition: ('validRedundantMepConfig' EQUAL 'true')		
Remedial action: MC-LAG redundant MEP configuration (MEP ID or Mac Address) for Active & Standby Interfaces do not match, this could cause issues with CFM or CCM tests if Active interface changes. Delete and Re-create Standby MEP to match Active.		

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Table 17-189 RedundantMepMissing

Alarm	Attributes	Applicable major releases
Name: RedundantMepMissing (3632) Type: oamAlarm (18) Package: ethernetToam Raised on class: ethernetToam.Mep	Severity: minor Implicitly cleared: true Default probable cause: missingRedundantMep (1417)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when a MEP misses a redundant counterpart on LAG or SAP.		
Raising condition: (('MC-LAG Inactive' NOT EQUAL 'Not Applicable') AND ('Redundant MEP' EQUAL '\'))		
Clearing condition: (('MC-LAG Inactive' EQUAL 'Not Applicable') OR (('MC-LAG Inactive' NOT EQUAL 'Not Applicable') AND ('Redundant MEP' NOT EQUAL '\')))		
Remedial action: MC-LAG redundant MEP is missing Active & Standby Interfaces, this will cause issues with CFM or CCM tests if Active interface changes. Create missing Active/Standby MEP to match existing.		

Table 17-190 RemoteMepCCMAAlarm

Alarm	Attributes	Applicable major releases
Name: RemoteMepCCMAAlarm (502) Type: oamAlarm (18) Package: ethernetToam Raised on class: ethernetToam.Mep	Severity: major Implicitly cleared: true Default probable cause: missingRemoteMep (388)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when a MEP loses connectivity with one or more remote MEPs. The Remote MEP DB State tab on a MEP lists the missing remote MEPs.		
Raising condition: ('High-Priority Defect' NOT EQUAL '0')		
Clearing condition: ('High-Priority Defect' EQUAL '0')		
Remedial action: MEP has lost communication with Remote MEP defined in Maintenance Association (MEG) Remote MEP list, Either Remote MEP list is incorrect or diagnose connection fault and resolve.		

Table 17-191 RemoteRncvOperDown

Alarm	Attributes	Applicable major releases
Name: RemoteRncvOperDown (522) Type: redundancyAlarm (52) Package: multichassis Raised on class: multichassis.MultiChassisRingNode	Severity: major Implicitly cleared: true Default probable cause: remoteRncvDisconnected (397)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when the remote RNCV Operational State of a ring node is other than Connected or NotTested, which means that the ring node is not connected to the local MC ring group. The alarm clears when the ring node enters the Connected or NotTested state.		
Raising condition: (('Remote Operational State' NOT EQUAL 'Connected') AND ('Remote Operational State' NOT EQUAL 'Not Tested'))		
Clearing condition: (('Remote Operational State' EQUAL 'Connected') OR ('Remote Operational State' EQUAL 'Not Tested'))		

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Alarm	Attributes	Applicable major releases
Remedial action: Make sure that ring node is properly connected to MC ring group.		

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Table 17-192 RipDown

Alarm	Attributes	Applicable major releases
Name: RipDown (72) Type: ProtocolAlarm (1) Package: rip Raised on class: rip.Site	Severity: critical Implicitly cleared: true Default probable cause: protocolDown (1)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when a RIP site has an Operational State other than Up, and the Administrative State is Up.		
Raising condition: (('Administrative State' EQUAL 'Up') AND ('Operational State' NOT EQUAL 'Up'))		
Clearing condition: (('Operational State' EQUAL 'Up') OR ('Administrative State' NOT EQUAL 'Up'))		
Remedial action: The RIP Site is down while it is administratively up. Please check the node e.g. IOM is not shutdown or installed.		

Table 17-193 RouteDistinguisherNotConfigured

Alarm	Attributes	Applicable major releases
Name: RouteDistinguisherNotConfigured (142) Type: configurationAlarm (11) Package: I3fwd Raised on class: I3fwd.ServiceSite	Severity: major Implicitly cleared: true Default probable cause: routeDistinguisherNotConfigured (113)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when no RD is configured for an L3 service site.		
Raising condition: ('routeDistinguisher' EQUAL "\00 00 00 00 00 00 00 00")		
Clearing condition: ('routeDistinguisher' NOT EQUAL "\00 00 00 00 00 00 00 00")		
Remedial action: A configuration error has occurred which must be corrected. The RD must be configured on the L3 Service Site in question.		

Table 17-194 RsvpDown

Alarm	Attributes	Applicable major releases
Name: RsvpDown (74) Type: ProtocolAlarm (1) Package: rsvp Raised on class: rsvp.Site	Severity: critical Implicitly cleared: true Default probable cause: protocolDown (1)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when an RSVP site has an Operational State other than Up, and the Administrative State is Up.		

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Alarm	Attributes	Applicable major releases
Raising condition: (('Administrative State' EQUAL 'Up') AND ('Operational State' NOT EQUAL 'Up'))		
Clearing condition: (('Operational State' EQUAL 'Up') OR ('Administrative State' NOT EQUAL 'Up'))		
Remedial action: The RSVP Site is down while it is administratively up. Please check MPLS is enabled and administratively up.		

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Table 17-195 RxSectionSynchronizationError

Alarm	Attributes	Applicable major releases
Name: RxSectionSynchronizationError (93) Type: communicationsAlarm (4) Package: sonetequipment Raised on class: sonetequipment.SonetPortMonitorSpecifics	Severity: major Implicitly cleared: true Default probable cause: rxSectionSynchronizationError (79)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when a SONET port reports a section synchronization failure. A section synchronization failure occurs when the S1 byte is inconsistent for eight consecutive frames.		
Raising condition: (('Outstanding Alarms'anyBit'RX Section Synchronization Error') AND ('Report Alarms'anyBit'RX Section Synchronization Error'))		
Clearing condition: NOT (((('Outstanding Alarms'anyBit'RX Section Synchronization Error') AND ('Report Alarms'anyBit'RX Section Synchronization Error'))		
Remedial action: Check the link status between SONET Port and the source.		

Table 17-196 S2LPathBypassTunnelActive

Alarm	Attributes	Applicable major releases
Name: S2LPathBypassTunnelActive (777) Type: pathAlarm (12) Package: mpls Raised on class: mpls.S2LPath	Severity: warning Implicitly cleared: true Default probable cause: S2LPathReroutedToBypassTunnel (552)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when the bypass tunnel in an S2L path becomes active. The alarm clears when the bypass tunnel is no longer active, for example, because a primary tunnel failure is resolved or a new path is established.		
Raising condition: ('Bypass Tunnel Active' EQUAL 'true')		
Clearing condition: ('Bypass Tunnel Active' EQUAL 'false')		
Remedial action: Check what caused primary tunnel is down and fix it if possible.		

Table 17-197 S2LPathDown

Alarm	Attributes	Applicable major releases
Name: S2LPathDown (778) Type: pathAlarm (12) Package: mpls Raised on class: mpls.S2LPath	Severity: major Implicitly cleared: true Default probable cause: S2LPathDown (553)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when the S2L path Administrative State is Up and the Operational State is not Up. The alarm clears when the S2L path Operational State changes to Up or the Administrative State changes to Down.		
Raising condition: (('Administrative' EQUAL 'Up') AND ('Operational' NOT EQUAL 'Up'))		
Clearing condition: (('Operational' EQUAL 'Up') OR ('Administrative' NOT EQUAL 'Up'))		
Remedial action: Check the failure code and update accordingly, e.g. whether MPLS/RSVP interfaces, OSPF interfaces are down.		

Table 17-198 SaveConfigFailed

Alarm	Attributes	Applicable major releases
Name: SaveConfigFailed (105) Type: configurationAlarm (11) Package: sw Raised on class: sw.BackupRestoreManager	Severity: major Implicitly cleared: true Default probable cause: fileAccessError (90)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when the admin save command on an NE fails.		
Raising condition: ('Config Save State' EQUAL 'Failure')		
Clearing condition: ('Config Save State' EQUAL 'Success')		
Remedial action: Attempt the admin save command a second time. If the problem persists please contact Alcatel-Lucent support for assistance.		

Table 17-199 ScheduledPollerProblem

Alarm	Attributes	Applicable major releases
Name: ScheduledPollerProblem (4386) Type: communicationsAlarm (4) Package: netw Raised on class: netw.NetworkElement	Severity: warning Implicitly cleared: true Default probable cause: scheduledResyncFailed (1569)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when the 5620 SAM is unable to poll a network object, for example, because of intermittent or no IP connectivity to an NE, incorrect SNMP security parameters, or disabled SNMP on the NE.		
Raising condition: ('Scheduled Resync Status' EQUAL 'Scheduled Resync Failed')		
Clearing condition: ('Scheduled Resync Status' EQUAL 'Scheduled Resync Done')		
Remedial action: Informational - if the alarm persists or is occurring frequently then investigation is required to understand a) why the underlying transport network is unreliable or b) why the NE is too busy to respond to 5620 SAM or c) has SNMP been disabled on the NE. Once the issue has been resolved SAM will automatically re-attempt.		

Table 17-200 SdpBindingDown

Alarm	Attributes	Applicable major releases
Name: SdpBindingDown (221) Type: SdpBindingAlarm (30) Package: svt Raised on class: svt.SdpBinding	Severity: critical Implicitly cleared: true Default probable cause: SdpBindingNotReady (166)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when an SDP binding has an Operational State other than Up.		
Raising condition: (('Operational State' NOT EQUAL 'Up') AND ('State Cause' NOT EQUAL 'Standby For BGP Multi-Homing'))		
Clearing condition: (('Operational State' EQUAL 'Up') OR ('State Cause' EQUAL 'Standby For BGP Multi-Homing'))		
Remedial action: To resolve this alarm check the SDP binding to determine if a configuration mismatch exists. If configuration is determined to be correct then the associated network interface may be down. Further investigation is required to determine why the underlying network interface is down.		

Table 17-201 SdpBindingTunnelDown

Alarm	Attributes	Applicable major releases
Name: SdpBindingTunnelDown (222) Type: CircuitAlarm (17) Package: svt Raised on class: svt.SdpBinding	Severity: critical Implicitly cleared: true Default probable cause: SdpTunnelNotReady (167)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when an SDP binding tunnel has an Operational State other than Up.		
Raising condition: (('Operational State' EQUAL 'Tunnel Not Ready') OR ('Operational State' EQUAL 'Tunnel Down'))		
Clearing condition: (('Operational State' NOT EQUAL 'Tunnel Not Ready') AND ('Operational State' NOT EQUAL 'Tunnel Down'))		
Remedial action: To resolve this alarm check the endpoints of the SDP binding to determine if a configuration mismatch exists. If configuration matches then the underlying network resource between the endpoints of the SDP may be down. Further investigation is required to determine why the underlying transport network is down.		

Table 17-202 SdpEgressIfsNetDomainInConsistent

Alarm	Attributes	Applicable major releases
Name: SdpEgressIfsNetDomainInConsistent (3616) Type: resourceAlarm (28) Package: svt Raised on class: svt.Tunnel	Severity: warning Implicitly cleared: true Default probable cause: sdpEgressIfsNetDomainInConsistent (1405)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when the SDP egress interface's consistency state changes to inconsistent.		
Raising condition: ('Egress Interfaces Consistency State' EQUAL '3')		
Clearing condition: ('Egress Interfaces Consistency State' EQUAL '2')		
Remedial action: To resolve this alarm check egress interfaces of the SDP configuration. If configuration is determined to be correct check underlying physical transport. Further investigation is required.		

Table 17-203 SecondaryPathLimitReached

Alarm	Attributes	Applicable major releases
Name: SecondaryPathLimitReached (458) Type: resourceAlarm (28) Package: equipment Raised on class: equipment.DaughterCard	Severity: warning Implicitly cleared: true Default probable cause: resourceLimitReached (131)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when the Ingress Multicast Path Management secondary path bandwidth limit is reached.		
Raising condition: (('Secondary Path Limit Override' > '0') AND ('Secondary Path In use' >= (1000 * 'Secondary Path Limit Override'))"		
Clearing condition: (('Secondary Path Limit Override' > '0') AND ('Secondary Path In use' < (1000 * 'Secondary Path Limit Override'))"		
Remedial action: Informational - The alarm is raised when the Ingress Multicast Path Management secondary path bandwidth limit is reached. This can be remedied by modifying the secondary path limit located at T1 Paths tab of the multicast bandwidth policy which assigned to the card, or increase the secondary path limit override located at the Daughter Card tab under Daughter Card Slot form.		

Table 17-204 SectionB1Error

Alarm	Attributes	Applicable major releases
Name: SectionB1Error (87) Type: communicationsAlarm (4) Package: sonetequipment Raised on class: sonetequipment.SonetPortMonitorSpecifics	Severity: major Implicitly cleared: true Default probable cause: sectionB1Error (73)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when a SONET port reports a section error condition that a remote NE raises because of b1 errors received from the local NE. The alarm corresponds to the lrei alarm on an NE.		
Raising condition: (('Outstanding Alarms'anyBit'Section B1 Error') AND ('Report Alarms'anyBit'Section B1 Error'))		
Clearing condition: NOT (('Outstanding Alarms'anyBit'Section B1 Error') AND ('Report Alarms'anyBit'Section B1 Error'))		
Remedial action: Check the SONET port is configured correctly and that the physical layer cabling is operating correctly. Call customer support if necessary.		

Table 17-205 SectionLossOfFrame

Alarm	Attributes	Applicable major releases
Name: SectionLossOfFrame (90) Type: communicationsAlarm (4) Package: sonetequipment Raised on class: sonetequipment.SonetPortMonitorSpecifics	Severity: major Implicitly cleared: true Default probable cause: sectionLossOfFrame (76)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when a SONET port reports a SLOF error. The alarm corresponds to the slof alarm on an NE.		
Raising condition: (('Outstanding Alarms'anyBit'Section Loss of Frame') AND ('Report Alarms'anyBit'Section Loss of Frame'))		

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Alarm	Attributes	Applicable major releases
Clearing condition: NOT (((('Outstanding Alarms'anyBit'Section Loss of Frame') AND ('Report Alarms'anyBit'Section Loss of Frame'))))		
Remedial action: One of the following conditions exists on the referenced physical interface which must be corrected. A cable/fiber fault exists which must be corrected - check to ensure that the cable is not faulty and is properly connected.		

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Table 17-206 SectionLossOfSignal

Alarm	Attributes	Applicable major releases
Name: SectionLossOfSignal (91) Type: communicationsAlarm (4) Package: sonetequipment Raised on class: sonetequipment.SonetPortMonitorSpecifics	Severity: major Implicitly cleared: true Default probable cause: sectionLossOfSignal (77)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when a SONET port reports a SLOS error. The alarm corresponds to the slos alarm on an NE.		
Raising condition: (('Outstanding Alarms'anyBit'Section Loss of Signal') AND ('Report Alarms'anyBit'Section Loss of Signal'))		
Clearing condition: NOT (((('Outstanding Alarms'anyBit'Section Loss of Signal') AND ('Report Alarms'anyBit'Section Loss of Signal'))))		
Remedial action: One of the following conditions exists on the referenced physical interface which must be corrected. A cable/fiber fault exists which must be corrected - check to ensure that the cable is not faulty and is properly connected.		

Table 17-207 SectionS1Failure

Alarm	Attributes	Applicable major releases
Name: SectionS1Failure (86) Type: communicationsAlarm (4) Package: sonetequipment Raised on class: sonetequipment.SonetPortMonitorSpecifics	Severity: major Implicitly cleared: true Default probable cause: sectionS1Failure (72)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when a SONET port reports a section synchronization failure. A section synchronization failure occurs when the S1 byte is inconsistent for eight consecutive frames.		
Raising condition: (('Outstanding Alarms'anyBit'Section S1 Failure') AND ('Report Alarms'anyBit'Section S1 Failure'))		
Clearing condition: NOT (((('Outstanding Alarms'anyBit'Section S1 Failure') AND ('Report Alarms'anyBit'Section S1 Failure'))))		
Remedial action: Check the SONET port is configured correctly and that the physical layer cabling is operating correctly. Call customer support if necessary.		

Table 17-208 ServiceSiteDown

Alarm	Attributes	Applicable major releases
Name: ServiceSiteDown (97) Type: serviceAlarm (16) Package: service Raised on class: service.Site	Severity: critical Implicitly cleared: true Default probable cause: siteDown (83)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when all SAPs on a site are operationally down, or when the service tunnels for the site are operationally down.		
Raising condition: (('Operational State' NOT EQUAL 'Up') AND ('State Cause' NOT EQUAL 'All Spoke SDP Bindings are Standby'))		
Clearing condition: (('Operational State' EQUAL 'Up') OR ('State Cause' EQUAL 'All Spoke SDP Bindings are Standby'))		
Remedial action: The network resources (i.e. physical ports for SAPs, or physical ports/LSP) associated with the service site should be examined to determine if/why they are operationally down. The underlying transport network supporting the site may also be unreliable.		

Table 17-209 SessionDown

Alarm	Attributes	Applicable major releases
Name: SessionDown (73) Type: ProtocolAlarm (1) Package: rsvp Raised on class: rsvp.Session	Severity: critical Implicitly cleared: true Default probable cause: interfaceDown (32)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when an RSVP session is operationally down.		
Raising condition: ('Operational State' EQUAL 'Down')		
Clearing condition: ('Operational State' EQUAL 'Up')		
Remedial action: Please check the RSVP session path to make sure all associated protocols/interfaces/connections are OK.		

Table 17-210 ShamLinkDown

Alarm	Attributes	Applicable major releases
Name: ShamLinkDown (665) Type: ShamLinkAlarm (57) Package: ospf Raised on class: ospf.ShamLink	Severity: critical Implicitly cleared: true Default probable cause: ShamLinkDown (492)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when a sham link is operationally down.		
Raising condition: ('Operational State' EQUAL 'Down')		
Clearing condition: ('Operational State' NOT EQUAL 'Down')		

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Alarm	Attributes	Applicable major releases
<p>Remedial action: This alarm is raised when the OSPF sham link is operationally down. The situation may occur if the underlying physical interface is down either because of administrative disabling or a fault on the far end port or due to a cable connection or cable failure. This alarm will also be raised if the underlying transport network fails or is unreliable. Resolving the underlying instability in the transport network will correct this problem.</p>		

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Table 17-211 SingleSFMOverloadDetected

Alarm	Attributes	Applicable major releases
<p>Name: SingleSFMOverloadDetected (843) Type: ProtocolAlarm (1) Package: I3fwd Raised on class: I3fwd.Site</p>	<p>Severity: major Implicitly cleared: true Default probable cause: singleSfmOverloadDetected (601)</p>	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
<p>Description: The alarm is raised when a device reports a single-SFM overload. The alarm clears when the VR exits the Overload state.</p>		
<p>Raising condition: ('Overload State' EQUAL 'Overload')</p>		
<p>Clearing condition: ('Overload State' EQUAL 'Normal')</p>		
<p>Remedial action: Information - if the the problem persists please contact Alcatel-Lucent support for assistance.</p>		

Table 17-212 SonetPathAlarmIndicationSignal

Alarm	Attributes	Applicable major releases
<p>Name: SonetPathAlarmIndicationSignal (129) Type: communicationsAlarm (4) Package: sonetequipment Raised on class: sonetequipment.SonetChannelMonitorSpecifics</p>	<p>Severity: major Implicitly cleared: true Default probable cause: pathAlarmIndicationSignal (63)</p>	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
<p>Description: The alarm is raised when a SONET port reports a PAIS error. The alarm corresponds to the pais alarm on an NE.</p>		
<p>Raising condition: (('Outstanding Alarms'anyBit'Path Alarm Indication Signal') AND ('Report Alarms'anyBit'Path Alarm Indication Signal'))</p>		
<p>Clearing condition: NOT (('Outstanding Alarms'anyBit'Path Alarm Indication Signal') AND ('Report Alarms'anyBit'Path Alarm Indication Signal'))</p>		
<p>Remedial action: Check the SONET port is configured correctly and that the physical layer cabling is operating correctly. Call customer support if necessary.</p>		

Table 17-213 SonetPathB3Error

Alarm	Attributes	Applicable major releases
Name: SonetPathB3Error (132) Type: communicationsAlarm (4) Package: sonetequipment Raised on class: sonetequipment.SonetChannelMonitorSpecifics	Severity: major Implicitly cleared: true Default probable cause: pathB3Error (66)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when a SONET port reports a path error condition because of b3 errors. The alarm corresponds to the prei alarm on an NE.		
Raising condition: (('Outstanding Alarms'anyBit'Path B3 error') AND ('Report Alarms'anyBit'Path B3 error'))		
Clearing condition: NOT (((('Outstanding Alarms'anyBit'Path B3 error') AND ('Report Alarms'anyBit'Path B3 error'))		
Remedial action: Check the SONET port is configured correctly and that the physical layer cabling is operating correctly. Call customer support if necessary.		

Table 17-214 SonetPathLossOfCodegroupDelineationError

Alarm	Attributes	Applicable major releases
Name: SonetPathLossOfCodegroupDelineationError (248) Type: communicationsAlarm (4) Package: sonetequipment Raised on class: sonetequipment.SonetChannelMonitorSpecifics	Severity: major Implicitly cleared: true Default probable cause: pathLossOfCodegroupDelineationError (185)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when a SONET port reports a PLCD error. The alarm corresponds to the plcd alarm on an NE.		
Raising condition: (('Outstanding Alarms'anyBit'Path Loss of Codegroup Delineation Error') AND ('Report Alarms'anyBit'Path Loss of Codegroup Delineation Error'))		
Clearing condition: NOT (((('Outstanding Alarms'anyBit'Path Loss of Codegroup Delineation Error') AND ('Report Alarms'anyBit'Path Loss of Codegroup Delineation Error'))		
Remedial action: Check the SONET port is configured correctly and that the physical layer cabling is operating correctly. Call customer support if necessary.		

Table 17-215 SonetPathLossOfPointer

Alarm	Attributes	Applicable major releases
Name: SonetPathLossOfPointer (130) Type: communicationsAlarm (4) Package: sonetequipment Raised on class: sonetequipment.SonetChannelMonitorSpecifics	Severity: major Implicitly cleared: true Default probable cause: pathLossOfPointer (64)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when a SONET port reports a PLOP error. The alarm corresponds to the plop alarm on an NE.		

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Alarm	Attributes	Applicable major releases
Raising condition: (('Outstanding Alarms'anyBit'Path Loss of Pointer') AND ('Report Alarms'anyBit'Path Loss of Pointer'))		
Clearing condition: NOT (('Outstanding Alarms'anyBit'Path Loss of Pointer') AND ('Report Alarms'anyBit'Path Loss of Pointer'))		
Remedial action: Check the SONET port is configured correctly and that the physical layer cabling is operating correctly. Call customer support if necessary.		

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Table 17-216 SonetPathPayloadMismatch

Alarm	Attributes	Applicable major releases
Name: SonetPathPayloadMismatch (133) Type: communicationsAlarm (4) Package: sonetequipment Raised on class: sonetequipment.SonetChannelMonitorSpecifics	Severity: major Implicitly cleared: true Default probable cause: pathPayloadMismatch (67)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when a SONET port reports a PPLM error on a channel, after which the channel is set operationally down. The alarm corresponds to the pplm alarm on an NE.		
Raising condition: (('Outstanding Alarms'anyBit'Path Payload Mismatch') AND ('Report Alarms'anyBit'Path Payload Mismatch'))		
Clearing condition: NOT (('Outstanding Alarms'anyBit'Path Payload Mismatch') AND ('Report Alarms'anyBit'Path Payload Mismatch'))		
Remedial action: Informational only.		

Table 17-217 SonetPathRemoteB3Error

Alarm	Attributes	Applicable major releases
Name: SonetPathRemoteB3Error (134) Type: communicationsAlarm (4) Package: sonetequipment Raised on class: sonetequipment.SonetChannelMonitorSpecifics	Severity: major Implicitly cleared: true Default probable cause: pathRemoteB3Error (68)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when a SONET port reports a path error condition that a remote NE raises because of b3 errors received from the local NE. The alarm corresponds to the prei alarm on an NE.		
Raising condition: (('Outstanding Alarms'anyBit'Path Remote B3 Error') AND ('Report Alarms'anyBit'Path Remote B3 Error'))		
Clearing condition: NOT (('Outstanding Alarms'anyBit'Path Remote B3 Error') AND ('Report Alarms'anyBit'Path Remote B3 Error'))		
Remedial action: Check the remote NE is configured correctly and its physical layer cabling is operating correctly.		

Table 17-218 SonetPathRemoteDefectIndication

Alarm	Attributes	Applicable major releases
Name: SonetPathRemoteDefectIndication (131) Type: communicationsAlarm (4) Package: sonetequipment Raised on class: sonetequipment.SonetChannelMonitorSpecifics	Severity: major Implicitly cleared: true Default probable cause: pathRemoteDefectIndication (65)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when a SONET port reports a remote PAIS error. The alarm corresponds to the pais alarm on an NE.		
Raising condition: (('Outstanding Alarms'anyBit'Path Remote Defect Indication') AND ('Report Alarms'anyBit'Path Remote Defect Indication'))		
Clearing condition: NOT (('Outstanding Alarms'anyBit'Path Remote Defect Indication') AND ('Report Alarms'anyBit'Path Remote Defect Indication'))		
Remedial action: Check the SONET port is configured correctly and that the physical layer cabling is operating correctly. Call customer support if necessary.		

Table 17-219 SonetPathUnequippedPathError

Alarm	Attributes	Applicable major releases
Name: SonetPathUnequippedPathError (143) Type: communicationsAlarm (4) Package: sonetequipment Raised on class: sonetequipment.SonetChannelMonitorSpecifics	Severity: major Implicitly cleared: true Default probable cause: pathUnequippedPathError (114)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when a SONET port reports a path unequipped error. The alarm corresponds to the Path Alarm Unequipped Path Error alarm on an NE.		
Raising condition: (('Outstanding Alarms'anyBit'Path Alarm Unequipped Path Error') AND ('Report Alarms'anyBit'Path Alarm Unequipped Path Error'))		
Clearing condition: NOT (('Outstanding Alarms'anyBit'Path Alarm Unequipped Path Error') AND ('Report Alarms'anyBit'Path Alarm Unequipped Path Error'))		
Remedial action: Check the SONET port is configured correctly and that the physical layer cabling is operating correctly. Call customer support if necessary.		

Table 17-220 StatsRetrieveFailed

Alarm	Attributes	Applicable major releases
Name: StatsRetrieveFailed (244) Type: configurationAlarm (11) Package: sw Raised on class: sw.AccountingStatsRetrievalManager	Severity: major Implicitly cleared: false Default probable cause: fileTransferFailure (89)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when the 5620 SAM main or auxiliary server cannot transfer an accounting file from an NE.		

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Alarm	Attributes	Applicable major releases
Raising condition: (('Stats Retrieval State' NOT EQUAL 'Success') AND ('Stats Retrieval State' NOT EQUAL 'Not Attempted'))		
Remedial action: Informational - if the alarm persists or is occurring frequently then investigation is required to understand a) why the underlying transport network is unreliable or b) why the NE is too busy or otherwise cannot respond to the 5620 SAM main or auxiliary server.		

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Table 17-221 StpExceptionCondition

Alarm	Attributes	Applicable major releases
Name: StpExceptionCondition (297) Type: AccessInterfaceAlarm (32) Package: I2fwd Raised on class: I2fwd.AccessInterfaceStp	Severity: major Implicitly cleared: true Default probable cause: StpException (228)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when a SAP detects an STP exception condition, for example, one-way communication or a downstream loop. The alarm clears when the STP condition changes.		
Raising condition: (('STP Exception Condition' NOT EQUAL 'None') AND ('Administrative State' EQUAL 'Up'))		
Clearing condition: (('STP Exception Condition' EQUAL 'None') OR ('Administrative State' EQUAL 'Down'))		
Remedial action: Check 'STP Exception Condition' field for more details and fix the STP exception.		

Table 17-222 StpRootGuardViolation

Alarm	Attributes	Applicable major releases
Name: StpRootGuardViolation (503) Type: AccessInterfaceAlarm (32) Package: I2fwd Raised on class: I2fwd.AccessInterfaceStp	Severity: warning Implicitly cleared: true Default probable cause: spanningTreeTopologyChanged (331)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when a SAP detects an STP root guard violation.		
Raising condition: ('Root Guard Violation' EQUAL 'true')		
Clearing condition: ('Root Guard Violation' NOT EQUAL 'true')		
Remedial action: Set 'Root Guard' to false if not necessary.		

Table 17-223 SubHostLcktLimitReached

Alarm	Attributes	Applicable major releases
Name: SubHostLcktLimitReached (4387) Type: configurationAlarm (11) Package: netw Raised on class: netw.NetworkElement	Severity: major Implicitly cleared: false Default probable cause: tmnxSubHostLcktLimitReached (1570)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0
Description: This alarm is raised when the system wide maximum number of lockout hosts is reached.		
Remedial action: Please do one of the following: 1. Investigate why the hosts are locked out. Possible reasons include authentication failure due to mis-configuration on the host end, mis-configuration on the BNG, missing or invalid configuration on the RADIUS server, session negotiation failure with the client, resource exhaustion on the BNG, unavailability of RADIUS server (and no fallback configured). 2. Clear the host lockout.		

Table 17-224 SubHostLcktSapLimitReached

Alarm	Attributes	Applicable major releases
Name: SubHostLcktSapLimitReached (4391) Type: configurationAlarm (11) Package: service Raised on class: service.AccessInterface	Severity: minor Implicitly cleared: false Default probable cause: tmnxSubHostLcktSapLimitReached (1572)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0
Description: This alarm is raised when the maximum number of lockout hosts on a given SAP is reached.		
Remedial action: Please do one of the following: 1. Investigate why the hosts are locked out. Possible reasons include authentication failure due to mis-configuration on the host end, mis-configuration on the BNG, missing or invalid configuration on the RADIUS server, session negotiation failure with the client, resource exhaustion on the BNG, unavailability of RADIUS server (and no fallback configured). 2. Clear the host lockout on the SAP. 3. Change the Maximum Lockout Hosts (per SAP).		

Table 17-225 SubnetDepleted

Alarm	Attributes	Applicable major releases
Name: SubnetDepleted (3953) Type: configurationAlarm (11) Package: dhcp Raised on class: dhcp.Subnet	Severity: major Implicitly cleared: false Default probable cause: actualFreeAddrDepleted (1529)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: This alarm is generated when the actual number of free addresses in the DHCP Server Subnet becomes zero.		
Remedial action: This alarm is generated when the actual number of free addresses in a subnet becomes zero. Please create another subnet.		

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Table 17-226 SubscriberInterfaceDown

Alarm	Attributes	Applicable major releases
Name: SubscriberInterfaceDown (440) Type: SubscriberInterfaceAlarm (43) Package: service Raised on class: service.SubscriberInterface	Severity: critical Implicitly cleared: true Default probable cause: interfaceDown (32)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when a subscriber interface is operationally down. The alarm clears when the subscriber interface is operationally up.		
Raising condition: ('operationalState' NOT EQUAL 'Up')		
Clearing condition: ('operationalState' EQUAL 'Up')		
Remedial action: Check the configuration and the underlying physical interface.		

Table 17-227 SubscriberSystemNextHopUsageHigh

Alarm	Attributes	Applicable major releases
Name: SubscriberSystemNextHopUsageHigh (5157) Type: thresholdCrossed (6) Package: netw Raised on class: netw.NetworkElement	Severity: minor Implicitly cleared: true Default probable cause: resourceFull (53)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when the IP next-hop usage by subscriber managed routes reaches its high watermark, cleared when it reaches its low watermark again; the watermarks are derived from the limit specified with the property subSysNextHopLimit.		
Raising condition: ('IP Next Hop Usage High' EQUAL 'true')		
Clearing condition: ('IP Next Hop Usage High' EQUAL 'false')		
Remedial action: The alarm is raised when the IP next-hop usage by subscriber managed routes reaches its high watermark, cleared when it reaches its low watermark again; the watermarks are derived from the limit specified with the property subSysNextHopLimit. There is no immediate effect, but when the usage actually hits the limit, new hosts will not get their managed routes.		

Table 17-228 SubSysChassMemoryUsageHi

Alarm	Attributes	Applicable major releases
Name: SubSysChassMemoryUsageHi (5656) Type: thresholdCrossed (6) Package: equipment Raised on class: equipment.Shelf	Severity: minor Implicitly cleared: true Default probable cause: resourceFull (53)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: This alarm is raised when the memory usage by subscriber management on this system or chassis reaches its high watermark ('true').		
Raising condition: ('Memory Usage High' EQUAL 'True')		

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Alarm	Attributes	Applicable major releases
Clearing condition: (('Memory Usage High' EQUAL 'False') OR ('Memory Usage High' EQUAL 'unspecified'))		
Remedial action: The memory usage by subscriber management on this system has reached its high watermark. Please check your memory usage.		

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Table 17-229 svcMacFdbTableFull

Alarm	Attributes	Applicable major releases
Name: svcMacFdbTableFull (3890) Type: resourceAlarm (28) Package: netw Raised on class: netw.NetworkElement	Severity: major Implicitly cleared: true Default probable cause: resourceLimitReached (131)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when the system limit of FDB records is reached.		
Remedial action: The alarm is raised when system limit of FDB records is reached.		

Table 17-230 TemperatureThresholdCrossed

Alarm	Attributes	Applicable major releases
Name: TemperatureThresholdCrossed (7) Type: environmentalAlarm (2) Package: equipment Raised on class: equipment.Environment	Severity: major Implicitly cleared: true Default probable cause: equipmentOverheated (5)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when a temperature crosses a threshold.		
Raising condition: ('temperatureThresholdCrossed' EQUAL 'true')		
Clearing condition: ('temperatureThresholdCrossed' EQUAL 'false')		
Remedial action: The NE has detected internal temperatures which are abnormally high. This could be caused by a failed fan unit or one or more dirty fan filters. Replacing the failed unit or filters should resolve the problem. Alternately the environment that the NE is operating in may not be within specifications found in the NE user guides.		

Table 17-231 TmnxEqPortEtherLoopDetected

Alarm	Attributes	Applicable major releases
Name: TmnxEqPortEtherLoopDetected (461) Type: portEtherLoopDetected (48) Package: ethernetequipment Raised on class: ethernetequipment.EthernetPortSpecifics	Severity: major Implicitly cleared: true Default probable cause: HighBer (238)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0

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Alarm	Attributes	Applicable major releases
Description: The alarm is raised when a device detects a physical loop on an Ethernet port.		
Raising condition: (('Down When Looped Status' EQUAL 'Loop Detected'))		
Clearing condition: (('Down When Looped Status' EQUAL 'No Loop Detected'))		
Remedial action: An Ethernet port has been mis-cabled - please remove the loopback cable on the port.		

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Table 17-232 TrapDestinationMisconfigured

Alarm	Attributes	Applicable major releases
Name: TrapDestinationMisconfigured (33) Type: configurationAlarm (11) Package: netw Raised on class: netw.NetworkElement	Severity: major Implicitly cleared: true Default probable cause: trapDestinationMisconfigured (26) Applicable probable causes: <ul style="list-style-type: none"> trapDestinationMisconfigured duplicateTrapLogId 	<ul style="list-style-type: none"> 10.0 11.0 12.0 9.0
Description: The alarm is raised when the 5620 SAM cannot be added to the NE's SNMP trap destinations.		
Raising condition: ('isTrapDestinationMisconfigured' EQUAL 'true')		
Clearing condition: ('isTrapDestinationMisconfigured' EQUAL 'false')		
Remedial action: A configuration error has been made which must be corrected. The SNMP trap destination on the NE must be configured to the IP address of the SAM server.		

Table 17-233 TrapReceivingFailure

Alarm	Attributes	Applicable major releases
Name: TrapReceivingFailure (1083) Type: communications (87) Package: netw Raised on class: netw.NetworkElement	Severity: major Implicitly cleared: false Default probable cause: trapsWillNotBeSent (822)	<ul style="list-style-type: none"> 10.0 11.0 12.0 9.0
Description: This user-defined alarm is raised when the NE is unable to send traps because the NE configuration is one of the following: - The Management IP Selection is set to Out Of Band Only, the Primary Route Preference is set to In Band, and the Secondary Route Preference is set to None. - The Management IP Selection is set to In Band Only, the Primary Route Preference is set to Out Of Band, and the Secondary Route Preference is set to None.		
Raising condition: (((('Active Management IP' EQUAL 'In Band') AND ('Management IP Selection' EQUAL 'In Band Only') AND ('Primary Route Preference' EQUAL 'Out Of Band') AND ('Secondary Route Preference' EQUAL 'None')) OR (('Active Management IP' EQUAL 'Out Of Band') AND ('Management IP Selection' EQUAL 'Out Of Band Only') AND ('Primary Route Preference' EQUAL 'In Band') AND ('Secondary Route Preference' EQUAL 'None')) OR (('Active Management IP' EQUAL 'Out Of Band') AND ('Management IP Selection' EQUAL 'In Band Preferred') AND ('Primary Route Preference' EQUAL 'In Band') AND ('Secondary Route Preference' EQUAL 'None')) OR (('Active Management IP' EQUAL 'In Band') AND ('Management IP Selection' EQUAL 'Out Of Band Preferred') AND ('Primary Route Preference' EQUAL 'Out Of Band') AND ('Secondary Route Preference' EQUAL 'None'))))		

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Alarm	Attributes	Applicable major releases
<p>Clearing condition: (((('Active Management IP' EQUAL 'In Band') AND ('Management IP Selection' EQUAL 'In Band Only') AND (('Primary Route Preference' EQUAL 'In Band') OR ('Secondary Route Preference' EQUAL 'In Band')))) OR (('Active Management IP' EQUAL 'Out Of Band') AND ('Management IP Selection' EQUAL 'Out Of Band Only') AND (('Primary Route Preference' EQUAL 'Out Of Band') OR ('Secondary Route Preference' EQUAL 'Out Of Band')))) OR (('Active Management IP' EQUAL 'Out Of Band') AND ('Management IP Selection' EQUAL 'In Band Preferred') AND (('Primary Route Preference' EQUAL 'Out Of Band') OR ('Secondary Route Preference' EQUAL 'Out Of Band')))) OR (('Active Management IP' EQUAL 'In Band') AND ('Management IP Selection' EQUAL 'In Band') AND ('Management IP Selection' EQUAL 'In Band Preferred') AND (('Primary Route Preference' EQUAL 'In Band') OR ('Secondary Route Preference' EQUAL 'In Band')))) OR (('Active Management IP' EQUAL 'In Band') AND ('Management IP Selection' EQUAL 'Out Of Band Preferred') AND (('Primary Route Preference' EQUAL 'In Band') OR ('Secondary Route Preference' EQUAL 'In Band')))) OR (('Active Management IP' EQUAL 'Out Of Band') AND ('Management IP Selection' EQUAL 'Out Of Band Preferred') AND (('Primary Route Preference' EQUAL 'Out Of Band') OR ('Secondary Route Preference' EQUAL 'Out Of Band'))))</p>		
<p>Remedial action: A configuration error has been made which must be corrected. The configuration error must be corrected per the discussion in the description for this alarm.</p>		

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Table 17-234 TrapRoutePreferenceRedundancyMissing

Alarm	Attributes	Applicable major releases
<p>Name: TrapRoutePreferenceRedundancyMissing (1084) Type: communications (87) Package: netw Raised on class: netw.NetworkElement</p>	<p>Severity: warning Implicitly cleared: true Default probable cause: trapsRedundancyMissing (823)</p>	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
<p>Description: The user-defined alarm is raised when NE management redundancy is configured without trap route preference redundancy.</p>		
<p>Raising condition: (((('Management IP Selection' EQUAL 'In Band Preferred') AND ('Active Management IP' EQUAL 'In Band') AND ('Primary Route Preference' EQUAL 'In Band') AND ('Secondary Route Preference' EQUAL 'None')) OR (('Management IP Selection' EQUAL 'Out Of Band Preferred') AND ('Active Management IP' EQUAL 'Out Of Band') AND ('Primary Route Preference' EQUAL 'Out Of Band') AND ('Secondary Route Preference' EQUAL 'None'))))</p>		
<p>Clearing condition: (((('Management IP Selection' EQUAL 'In Band Preferred') AND ('Active Management IP' EQUAL 'In Band') AND ('Secondary Route Preference' NOT EQUAL 'None')) OR (('Management IP Selection' EQUAL 'Out Of Band Preferred') AND ('Active Management IP' EQUAL 'Out Of Band') AND ('Secondary Route Preference' NOT EQUAL 'None'))))</p>		
<p>Remedial action: A configuration error has been made which must be corrected. The IP address of the standby SAM server must be configured on the NE in question.</p>		

Table 17-235 TunnelAdministrativelyDown (mpls)

Alarm	Attributes	Applicable major releases
<p>Name: TunnelAdministrativelyDown (523) Type: pathAlarm (12) Package: mpls Raised on class: mpls.Tunnel</p>	<p>Severity: minor Implicitly cleared: true Default probable cause: tunnelAdministrativelyDown (333)</p>	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
<p>Description: The alarm is raised when the 5620 SAM detects that an MPLS path is administratively down.</p>		
<p>Raising condition: ('Administrative' NOT EQUAL 'Up')</p>		

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Alarm	Attributes	Applicable major releases
Clearing condition: ('Administrative' EQUAL 'Up')		
Remedial action: Turn up the corresponding MPLS path.		

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Table 17-236 TunnelAdministrativelyDown (svt)

Alarm	Attributes	Applicable major releases
Name: TunnelAdministrativelyDown (523) Type: pathAlarm (12) Package: svt Raised on class: svt.Tunnel	Severity: minor Implicitly cleared: true Default probable cause: tunnelAdministrativelyDown (333)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when the 5620 SAM detects that a service tunnel is administratively down.		
Raising condition: ('administrativeState' NOT EQUAL 'Up')		
Clearing condition: ('administrativeState' EQUAL 'Up')		
Remedial action: Informational - an operator has manually turned down a service tunnel.		

Table 17-237 TunnelDown (mpls)

Alarm	Attributes	Applicable major releases
Name: TunnelDown (30) Type: pathAlarm (12) Package: mpls Raised on class: mpls.Tunnel	Severity: warning Implicitly cleared: true Default probable cause: tunnelDown (23)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when an MPLS path has an Operational State other than Up, and the Administrative State is Up.		
Raising condition: (('Administrative' EQUAL 'Up') AND ('Operational' NOT EQUAL 'Up'))		
Clearing condition: (('Operational' EQUAL 'Up') OR ('Administrative' NOT EQUAL 'Up'))		
Remedial action: Check the network resources along the path.		

Table 17-238 TunnelDown (svt)

Alarm	Attributes	Applicable major releases
Name: TunnelDown (30) Type: pathAlarm (12) Package: svt Raised on class: svt.AbstractTunnel	Severity: critical Implicitly cleared: true Default probable cause: tunnelDown (23)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0

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Alarm	Attributes	Applicable major releases
Description: The alarm is raised when the 5620 SAM detects that a service tunnel is operationally down.		
Raising condition: (('Administrative' EQUAL 'Up') AND ('Operational' NOT EQUAL 'Up'))		
Clearing condition: (('Operational' EQUAL 'Up') OR ('Administrative' NOT EQUAL 'Up'))		
Remedial action: This alarm indicates that a problem has been made in the underlying transport network. If the alarm persists or re-occurs frequently then investigation of the underlying transport issues is warranted.		

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Table 17-239 TxSectionSynchronizationError

Alarm	Attributes	Applicable major releases
Name: TxSectionSynchronizationError (92) Type: communicationsAlarm (4) Package: sonetequipment Raised on class: sonetequipment.SonetPortMonitorSpecifics	Severity: major Implicitly cleared: true Default probable cause: txSectionSynchronizationError (78)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when a SONET port reports an SS1F error. The alarm corresponds to the ss1f alarm on an NE.		
Raising condition: (('Outstanding Alarms'anyBit'TX Section Synchronization Error') AND ('Report Alarms'anyBit'TX Section Synchronization Error'))		
Clearing condition: NOT (('Outstanding Alarms'anyBit'TX Section Synchronization Error') AND ('Report Alarms'anyBit'TX Section Synchronization Error'))		
Remedial action: Check the SONET port is configured correctly and that the physical layer cabling is operating correctly. Call customer support if necessary.		

Table 17-240 UnidentifiedNode

Alarm	Attributes	Applicable major releases
Name: UnidentifiedNode (1922) Type: communicationsAlarm (4) Package: netw Raised on class: netw.DiscoveredNode	Severity: major Implicitly cleared: true Default probable cause: unidentifiedNode (922)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when the node being discovered can not be properly identified.		
Raising condition: ('State' EQUAL 'Pending Identification')		
Clearing condition: ('State' NOT EQUAL 'Pending Identification')		
Remedial action: A configuration error has occurred that must be corrected. The eNodeB does not have a system name. The name can be configured by selecting the alarm, opening the associated properties form for the alarmed object and configuring the system name.		

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Table 17-241 UnmanageFailed

Alarm	Attributes	Applicable major releases
Name: UnmanageFailed (300) Type: discoveryControlAlarm (33) Package: netw Raised on class: netw.NodeDiscoveryControl	Severity: warning Implicitly cleared: true Default probable cause: unableToDeleteNode (231)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when an attempt to unmanage an NE fails.		
Raising condition: ('Site State' EQUAL 'Unmanage Failed')		
Clearing condition: ('Site State' NOT EQUAL 'Unmanage Failed')		
Remedial action: Informational - if the alarm persists please contact Alcatel-Lucent support for assistance		

Table 17-242 UpgradedBuildVersionMismatch

Alarm	Attributes	Applicable major releases
Name: UpgradedBuildVersionMismatch (174) Type: configurationAlarm (11) Package: netw Raised on class: netw.NetworkElement	Severity: warning Implicitly cleared: true Default probable cause: upgradedImageNotBooted (137)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when the software version that an NE reports after a software upgrade does not match the version of the software used for the upgrade.		
Raising condition: ('upgradedBuildVersionMismatch' EQUAL 'true')		
Clearing condition: ('upgradedBuildVersionMismatch' EQUAL 'false')		
Remedial action: Informational - if the alarm persists please contact Alcatel-Lucent support for assistance		

Table 17-243 upgradedCardAlarm

Alarm	Attributes	Applicable major releases
Name: upgradedCardAlarm (255) Type: softwareAlarm (19) Package: equipment Raised on class: equipment.Card	Severity: warning Implicitly cleared: true Default probable cause: upgradedCard (194)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when the standby CPM is rebooted and operational after a software upgrade. A device resets an IOM automatically after 120 minutes if the IOM is not manually reset after a CPM upgrade.		
Raising condition: ('operationalState' EQUAL 'Upgrade')		
Clearing condition: ('operationalState' EQUAL 'Up')		
Remedial action: Informational - no corrective action required.		

Table 17-244 VersionConfigRestoreFailed

Alarm	Attributes	Applicable major releases
Name: VersionConfigRestoreFailed (536) Type: configurationAlarm (11) Package: sw Raised on class: sw.BackupRestoreManager	Severity: major Implicitly cleared: true Default probable cause: versionMismatch (405)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when the restore procedure on an NE fails because of a mismatch between the backup file set version and the NE software version.		
Raising condition: ('lastNmsVersionRestoreState' EQUAL 'Failure')		
Clearing condition: ('lastNmsVersionRestoreState' EQUAL 'Success')		
Remedial action: The backup files being restored do not match with the version of node software release. Download a new copy of the SW image to the NE. If the problem persists contact Alcatel-Lucent support for assistance.		

Table 17-245 VirtualLinkDown

Alarm	Attributes	Applicable major releases
Name: VirtualLinkDown (122) Type: VirtualLinkAlarm (21) Package: ospf Raised on class: ospf.VirtualLink	Severity: warning Implicitly cleared: true Default probable cause: VirtualLinkDown (104)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when a virtual link is Down.		
Raising condition: ('Operational State' EQUAL 'Down')		
Clearing condition: ('Operational State' NOT EQUAL 'Down')		
Remedial action: This alarm is raised when the OSPF virtual link is operationally down. The situation may occur if the underlying physical interface is down either because of administrative disabling or a fault on the far end port or due to a cable connection or cable failure. This alarm will also be raised if the underlying transport network fails or is unreliable. Resolving the underlying instability in the transport network will correct this problem.		

Table 17-246 VirtualNeighborDown

Alarm	Attributes	Applicable major releases
Name: VirtualNeighborDown (123) Type: VirtualNeighborDown (22) Package: ospf Raised on classes: <ul style="list-style-type: none"> • ospf.ShamLink • ospf.VirtualLink 	Severity: warning Implicitly cleared: true Default probable cause: VirtualNeighborDown (105)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when a neighbor virtual link is operationally down.		
Raising condition: ('neighborCount' EQUAL '0L')		

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Alarm	Attributes	Applicable major releases
Clearing condition: ('neighborCount' NOT EQUAL '0L')		
Remedial action: This alarm is raised when the OSPF neighbor virtual link is operationally down. The situation may occur if the underlying physical interface is down either because of administrative disabling or a fault on the far end port or due to a cable connection or cable failure. This alarm will also be raised if the underlying transport network fails or is unreliable. Resolving the underlying instability in the transport network will correct this problem.		

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Table 17-247 WrongCpaaSoftwareVersion

Alarm	Attributes	Applicable major releases
Name: WrongCpaaSoftwareVersion (791) Type: equipmentAlarm (3) Package: netw Raised on class: netw.NetworkElement	Severity: critical Implicitly cleared: true Default probable cause: wrongCpaaSoftwareVersion (559)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when the 7701 CPAA software is the wrong version and requires an upgrade.		
Raising condition: (('Software Version' EQUAL "\"TIMOS-B-3.0.Generic \") AND ('Chassis Type' EQUAL '7701 CPAA'))		
Clearing condition: (('Software Version' NOT EQUAL "\"TIMOS-B-3.0.Generic \") AND ('Chassis Type' EQUAL '7701 CPAA'))		
Remedial action: The SW version of the CPAA must be upgraded to the version compatible with CPAM version.		

Table 17-248 XplError

Alarm	Attributes	Applicable major releases
Name: XplError (573) Type: hardwareAnomaly (55) Package: equipment Raised on class: equipment.DaughterCard	Severity: minor Implicitly cleared: true Default probable cause: xplError (443)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when an MDA reports persistent XPL Errors.		
Raising condition: ('Number Of Notifications' NOT EQUAL '0')		
Clearing condition: ('Number Of Notifications' EQUAL '0')		
Remedial action: Informational - if the condition persists then the MDA indicated in the alarm should be replaced.		

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Note – Some alarms that the 5620 SAM can raise against this device may not be listed in this chapter. Associating alarms with specific NE types is an ongoing Alcatel-Lucent effort. If the 5620 SAM raises an alarm against this device type, and the alarm is not described in this chapter, see chapter 41 for information about the alarm.

Table 18-1 AaPolicerResourcesExceeded

Alarm	Attributes	Applicable major releases
Name: AaPolicerResourcesExceeded (2930) Type: configurationAlarm (11) Package: aapolicy Raised on class: aapolicy.AaSubOvrd	Severity: warning Implicitly cleared: false Default probable cause: AaPolicerResourcesExceeded (1124)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when Application Assurance configured override values exceed policer resources.		
Raising condition: (('Policer Resource Status' EQUAL 'Exceeded'))		
Clearing condition: (('Policer Resource Status' NOT EQUAL 'Exceeded'))		
Remedial action: The Application Assurance Subscriber Policy override(s) configuration has exceeded the policer resources. Remove overrides of a policy configuration for an Application Assurance subscriber where this may be occurring. If the problem persists please contact Alcatel-Lucent support for assistance.		

Table 18-2 AarpDown

Alarm	Attributes	Applicable major releases
Name: AarpDown (3704) Type: AarpDown (107) Package: aapolicy Raised on class: aapolicy.Aarp	Severity: major Implicitly cleared: true Default probable cause: aarpDown (1444)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0
Description: The alarm is raised when the 5620 SAM detects that an AARP is operationally down.		
Raising condition: (('Administrative State' EQUAL 'Up') AND ('Operational State' NOT EQUAL 'Up'))		
Clearing condition: (('Operational State' EQUAL 'Up') OR ('Administrative State' NOT EQUAL 'Up'))		
Remedial action: The application assurance redundancy protocol is down either because it is administratively disabled, faulty or a peer address is not up. Ensure that the AARP is administratively up, and the peer ip address and this ip address points to each other.		

Table 18-3 AarpInterfaceDown

Alarm	Attributes	Applicable major releases
Name: AarpInterfaceDown (3904) Type: AarpInterfaceDown (111) Package: service Raised on class: service.AarpInterface	Severity: major Implicitly cleared: true Default probable cause: interfaceDown (32)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0
Description: The alarm is raised when the 5620 SAM detects that an AARP interface is operationally down.		
Raising condition: (('administrativeState' EQUAL 'Up') AND ('operationalState' NOT EQUAL 'Up'))		
Clearing condition: (('operationalState' EQUAL 'Up') OR ('administrativeState' NOT EQUAL 'Up'))		
Remedial action: The condition exists because the physical interface is down either because it is administratively disabled, faulty or a cabling fault has occurred. Ensure that the interface is administratively up. Check for a poor cable connection to the port or for a faulty cable/fiber. If neither appears to be the problem run diagnostics on the port to determine if it is faulty.		

Table 18-4 AccessInterfaceDown

Alarm	Attributes	Applicable major releases
Name: AccessInterfaceDown (249) Type: AccessInterfaceAlarm (32) Package: service Raised on class: service.AccessInterface	Severity: critical Implicitly cleared: true Default probable cause: interfaceDown (32)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when an L2 or L3 interface operational state is Down. The alarm is not raised against an L2 access interface that is associated with an MC ring or MC LAG in the standby state.		
Raising condition: (('Operational State' NOT EQUAL 'Up') AND ('State Cause' NOT EQUAL 'Standby For MC-Ring') AND ('State Cause' NOT EQUAL 'Standby For MC-Lag') AND ('State Cause' NOT EQUAL 'Standby For BGP Multi-homing'))		
Clearing condition: (('Operational State' EQUAL 'Up') OR ('State Cause' EQUAL 'Standby For MC-Ring') OR ('State Cause' EQUAL 'Standby For MC-Lag') OR ('State Cause' EQUAL 'Standby For BGP Multi-homing'))		

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Alarm	Attributes	Applicable major releases
Remedial action: The condition exists because the physical interface is down either because it is administratively disabled, faulty or a cabling fault has occurred. Ensure that the interface is administratively up. Check for a poor cable connection to the port or for a faulty cable/fiber. If neither appears to be the problem run diagnostics on the port to determine if it is faulty.		

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Table 18-5 ActiveAbnormalCondition

Alarm	Attributes	Applicable major releases
Name: ActiveAbnormalCondition (3938) Type: activeAbnormalConditionAlarm (116) Package: netw Raised on class: netw.NetworkElement	Severity: major Implicitly cleared: true Default probable cause: ActiveAbnormalConditionState (1520)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is an indication for abnormal condition on NE.		
Raising condition: ('abnormalCondition' EQUAL 'true')		
Clearing condition: ('abnormalCondition' EQUAL 'false')		
Remedial action: This alarm is raised when there is a abnormal state indication on NE.		

Table 18-6 AggregatedVFLPortDown

Alarm	Attributes	Applicable major releases
Name: AggregatedVFLPortDown (5436) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.Shelf	Severity: critical Implicitly cleared: true Default probable cause: connectivityIssue (2137)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is generated when the aggregated virtual fabric link on the virtual chassis slot is down.		
Raising condition: (('Shelf Type' EQUAL '7850') AND ('Total Slots' EQUAL '4') AND ('Virtual Fabric Link State' NOT EQUAL 'Up'))		
Clearing condition: (('Shelf Type' EQUAL '7850') AND ('Total Slots' EQUAL '4') AND ('Virtual Fabric Link State' EQUAL 'Up'))		
Remedial action: The alarm is raised when the aggregated virtual fabric link on the virtual chassis is down. Please check the virtual fabric links for the virtual chassis setup.		

Table 18-7 AGWDiameterPeerDown

Alarm	Attributes	Applicable major releases
Name: AGWDiameterPeerDown (844) Type: EpcAlarm (59) Package: lte Raised on class: lte.AGWDiameterPeer	Severity: variable Implicitly cleared: true Default probable cause: EPSPeerDown (602)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0

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Alarm	Attributes	Applicable major releases
Description: The alarm is raised when the path management state of a Diameter peer changes to a state other than Up.		
Raising condition: ('Path Diameter Management State' NOT EQUAL 'Active')		
Clearing condition: ('Path Diameter Management State' EQUAL 'Active')		
Remedial action: A Ga reference point (peer) is operationally down for one of the following reasons: the underlying IP or physical interface is down, the far end peer is down or the underlying transport between this NE and the peer NE is down. To resolve the issue ensure that the IP/physical interface is up, check that the far end peer is operational and check that the underlying transport network is up.		

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Table 18-8 AncillaryPathLimitReached

Alarm	Attributes	Applicable major releases
Name: AncillaryPathLimitReached (459) Type: resourceAlarm (28) Package: equipment Raised on class: equipment.DaughterCard	Severity: warning Implicitly cleared: true Default probable cause: resourceLimitReached (131)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when the Ingress Multicast Path Management ancillary path bandwidth limit is reached.		
Raising condition: (('Ancillary Path Limit Override' > '0') AND ('Ancillary Path In use' >= (1000 * 'Ancillary Path Limit Override'))"		
Clearing condition: (('Ancillary Path Limit Override' > '0') AND ('Ancillary Path In use' < (1000 * 'Ancillary Path Limit Override'))"		
Remedial action: Informational - The alarm is raised when the Ingress Multicast Path Management ancillary path bandwidth limit is reached. This can be remedied by modifying the ancillary path limit located at T1 Paths tab of the multicast bandwidth policy which assigned to the card, or increase the ancillary path limit override located at the Daughter Card tab under Daughter Card Slot form.		

Table 18-9 AreaTypeMismatch

Alarm	Attributes	Applicable major releases
Name: AreaTypeMismatch (38) Type: configurationAlarm (11) Package: ospf Raised on class: ospf.Area	Severity: warning Implicitly cleared: true Default probable cause: areaTypeMisconfigured (34)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when an OSPF area on one NE is configured as an NSSA and the same OSPF area on another NE is configured as a stub area.		
Raising condition: ('Type Mismatch' EQUAL 'true')		
Clearing condition: ('Type Mismatch' EQUAL 'false')		
Remedial action: A configuration error has been made which must be corrected. The OSPF area type configured for the NE does not match with the same OSPF area configured on another NE. Compare the configuration on the endpoint and correct the mismatch.		

Table 18-10 AsymmetricalConfig (lag)

Alarm	Attributes	Applicable major releases
Name: AsymmetricalConfig (295) Type: configurationAlarm (11) Package: lag Raised on classes: <ul style="list-style-type: none"> lag.MultiChassisLag lag.MultiChassisLagMember 	Severity: major Implicitly cleared: true Default probable cause: asymmetricalConfig (226)	<ul style="list-style-type: none"> 10.0 11.0 12.0 9.0
Description: The alarm is raised when the members of an MC LAG do not have matching configurations.		
Raising condition: ('configMismatches' NOT EQUAL '0L')		
Clearing condition: ('configMismatches' EQUAL '0L')		
Remedial action: Check configurations on both members to see anything not matched.		

Table 18-11 AsymmetricalConfig (multichassis)

Alarm	Attributes	Applicable major releases
Name: AsymmetricalConfig (295) Type: configurationAlarm (11) Package: multichassis Raised on classes: <ul style="list-style-type: none"> multichassis.AbstractMultiChassisLag multichassis.MultiChassisLagMember multichassis.AbstractMultiChassisPeer 	Severity: major Implicitly cleared: true Default probable cause: asymmetricalConfig (226)	<ul style="list-style-type: none"> 10.0 11.0 12.0 9.0
Description: The alarm is raised when there is a peer configuration mismatch that prevents MC operation.		
Raising condition: ('Config Mismatches' NOT EQUAL '0L')		
Clearing condition: ('Config Mismatches' EQUAL '0L')		
Remedial action: Check configurations on both members to see anything not matched.		

Table 18-12 AuthKeyConflict (rsvp)

Alarm	Attributes	Applicable major releases
Name: AuthKeyConflict (5188) Type: processingErrorAlarm (81) Package: rsvp Raised on class: rsvp.AuthenticationKey	Severity: warning Implicitly cleared: true Default probable cause: AuthKeyConflict (2103)	<ul style="list-style-type: none"> 10.0 11.0 12.0 9.0
Description: The alarm is raised when both Authentication Key and RSVP Keychain are configured. RSVP Keychain will be used.		
Raising condition: (('RSVP Keychain' NOT EQUAL '') AND ('enableAuthentication' EQUAL 'true'))		
Clearing condition: (('RSVP Keychain' EQUAL '') OR ('enableAuthentication' NOT EQUAL 'true'))		

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Alarm	Attributes	Applicable major releases
Remedial action: Authentication Key and RSVP Keychain are both configured. RSVP Keychain will be used. The alarm is cleared when only one is configured.		

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Table 18-13 AuxiliaryServerStatus

Alarm	Attributes	Applicable major releases
Name: AuxiliaryServerStatus (311) Type: communicationsAlarm (4) Package: server Raised on class: server.AuxiliaryServer	Severity: critical Implicitly cleared: true Default probable cause: systemFailed (144)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when a 5620 SAM main server cannot communicate with an auxiliary server. The alarm clears when communication is restored.		
Raising condition: ('Server Status' EQUAL 'Down')		
Clearing condition: ('Server Status' EQUAL 'Up')		
Remedial action: Informational - if the alarm persists or is occurring frequently then investigation is required to understand why the connectivity between the AUX and SAM servers is unreliable.		

Table 18-14 BerLineSignalDegradation

Alarm	Attributes	Applicable major releases
Name: BerLineSignalDegradation (88) Type: communicationsAlarm (4) Package: sonetequipment Raised on class: sonetequipment.SonetPortMonitorSpecifics	Severity: major Implicitly cleared: true Default probable cause: berLineSignalDegradation (74)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when a SONET port reports a line signal degradation BER error. The alarm corresponds to the lb2er-sd alarm on an NE.		
Raising condition: (('Outstanding Alarms'anyBit'BER Line Signal Degradation') AND ('Report Alarms'anyBit'BER Line Signal Degradation'))		
Clearing condition: NOT (('Outstanding Alarms'anyBit'BER Line Signal Degradation') AND ('Report Alarms'anyBit'BER Line Signal Degradation'))		
Remedial action: Informational only.		

Table 18-15 BerLineSignalFailure

Alarm	Attributes	Applicable major releases
Name: BerLineSignalFailure (89) Type: communicationsAlarm (4) Package: sonetequipment Raised on class: sonetequipment.SonetPortMonitorSpecifics	Severity: major Implicitly cleared: true Default probable cause: berLineSignalFailure (75)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when a SONET port reports a line signal degradation BER error. The alarm corresponds to the lb2er-sf alarm on an NE.		
Raising condition: (('Outstanding Alarms'anyBit'BER Line Signal Failure') AND ('Report Alarms'anyBit'BER Line Signal Failure'))		
Clearing condition: NOT (('Outstanding Alarms'anyBit'BER Line Signal Failure') AND ('Report Alarms'anyBit'BER Line Signal Failure'))		
Remedial action: Informational only.		

Table 18-16 BfdInterfaceConnectionBroken

Alarm	Attributes	Applicable major releases
Name: BfdInterfaceConnectionBroken (3329) Type: serviceAlarm (16) Package: vrrp Raised on class: vrrp.BfdInterface	Severity: minor Implicitly cleared: true Default probable cause: bfdSessionConnectionBroken (593)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when the BFD connection to a peer times out.		
Raising condition: ('Operational State' EQUAL 'Timed Out')		
Clearing condition: ('Operational State' NOT EQUAL 'Timed Out')		
Remedial action: Check the peer router, fix the BFD connection		

Table 18-17 BfdInterfaceConnectionDown

Alarm	Attributes	Applicable major releases
Name: BfdInterfaceConnectionDown (3330) Type: serviceAlarm (16) Package: vrrp Raised on class: vrrp.BfdInterface	Severity: minor Implicitly cleared: true Default probable cause: bfdSessionDown (346)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when the Operational State of a BFD session is Not Connected.		
Raising condition: ('Operational State' NOT EQUAL 'Operational')		
Clearing condition: ('Operational State' EQUAL 'Operational')		
Remedial action: Check the BFD interface configuration, fix the BFD connection		

Table 18-18 BfdInterfaceConnectionPeerDetectsDown

Alarm	Attributes	Applicable major releases
Name: BfdInterfaceConnectionPeerDetectsDown (3331) Type: serviceAlarm (16) Package: vrrp Raised on class: vrrp.BfdInterface	Severity: minor Implicitly cleared: true Default probable cause: bfdSessionConnectionPeerDetectsDown (594)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when a BFD peer detects a connection timeout.		
Raising condition: ('Operational State' EQUAL 'Down')		
Clearing condition: ('Operational State' NOT EQUAL 'Down')		
Remedial action: Fix the BFD connection		

Table 18-19 BgpDown

Alarm	Attributes	Applicable major releases
Name: BgpDown (6) Type: ProtocolAlarm (1) Package: bgp Raised on class: bgp.Site	Severity: critical Implicitly cleared: true Default probable cause: protocolDown (1)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when a BGP instance has an Operational State other than Up, and the Administrative State is Up.		
Raising condition: (('Administrative State' EQUAL 'Up') AND ('Operational State' NOT EQUAL 'Up'))		
Clearing condition: (('Operational State' EQUAL 'Up') OR ('Administrative State' NOT EQUAL 'Up'))		
Remedial action: The BGP protocol entity is down - administratively disable BGP and re-enable. If the problem persists please contact Alcatel-Lucent support for assistance.		

Table 18-20 BITS2NotQualified

Alarm	Attributes	Applicable major releases
Name: BITS2NotQualified (1941) Type: communicationsAlarm (4) Package: sonet Raised on class: sonet.SiteSync	Severity: minor Implicitly cleared: true Default probable cause: timingReferenceNotQualified (418)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when the BITS-2 timing reference on an NE is not in the Qualified state.		
Raising condition: (('Qualified For Use' EQUAL 'Not Qualified') AND ('Input Administrative State' NOT EQUAL 'Down'))		
Clearing condition: (('Qualified For Use' NOT EQUAL 'Not Qualified') OR ('Input Administrative State' EQUAL 'Down'))		
Remedial action: Make sure that BITS2 is qualified		

Table 18-21 BITSNotQualified

Alarm	Attributes	Applicable major releases
Name: BITSNotQualified (547) Type: communicationsAlarm (4) Package: sonet Raised on class: sonet.SiteSync	Severity: minor Implicitly cleared: true Default probable cause: timingReferenceNotQualified (418)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when the BITS timing reference on an NE is not in the Qualified state.		
Raising condition: (('Qualified For Use' EQUAL 'Not Qualified') AND ('Output Administrative State' NOT EQUAL 'Down'))		
Clearing condition: (('Qualified For Use' NOT EQUAL 'Not Qualified') OR ('Output Administrative State' EQUAL 'Down'))		
Remedial action: Make sure that BITS is qualified		

Table 18-22 BITSReferenceLossOfSignal

Alarm	Attributes	Applicable major releases
Name: BITSReferenceLossOfSignal (1950) Type: communicationsAlarm (4) Package: sonet Raised on class: sonet.SiteSync	Severity: minor Implicitly cleared: true Default probable cause: BITSReferenceLossOfSignal (938)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when the BITS reference on an NE is not qualified due to Loss of Signal.		
Raising condition: (('Not Qualified Due To'anyBit'LOS'))		
Clearing condition: NOT (('Not Qualified Due To'anyBit'LOS'))		
Remedial action: Make sure that peer connected to BITS is properly configured.		

Table 18-23 BITSReferenceOutOfFrequency

Alarm	Attributes	Applicable major releases
Name: BITSReferenceOutOfFrequency (1951) Type: communicationsAlarm (4) Package: sonet Raised on class: sonet.SiteSync	Severity: minor Implicitly cleared: true Default probable cause: BITSReferenceOutOfFrequency (939)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when the BITS Reference on an NE is not qualified due to Out of frequency.		
Raising condition: (('Not Qualified Due To'anyBit'OOF'))		
Clearing condition: NOT (('Not Qualified Due To'anyBit'OOF'))		
Remedial action: Make sure that frequency configured for BITS is correct.		

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Table 18-24 BITSReferenceOutOfPollInRange

Alarm	Attributes	Applicable major releases
Name: BITSReferenceOutOfPollInRange (1952) Type: communicationsAlarm (4) Package: sonet Raised on class: sonet.SiteSync	Severity: minor Implicitly cleared: true Default probable cause: BITSReferenceOutOfPollInRange (940)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when the BITS Reference on an NE is not qualified state due to Out of poll in range.		
Raising condition: (('Not Qualified Due To'anyBit'OOPIR'))		
Clearing condition: NOT (('Not Qualified Due To'anyBit'OOPIR'))		
Remedial action: Check the BITS is configured correctly. Check the SONET port is configured correctly and that the physical layer cabling is operating correctly. Call customer support if necessary		

Table 18-25 BootableConfigBackupFailed

Alarm	Attributes	Applicable major releases
Name: BootableConfigBackupFailed (103) Type: configurationAlarm (11) Package: sw Raised on class: sw.BackupRestoreManager	Severity: major Implicitly cleared: true Default probable cause: fileTransferFailure (89)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when the 5620 SAM fails to back up a set of NE configuration files.		
Raising condition: ('Backup State' EQUAL 'Failure')		
Clearing condition: ('Backup State' EQUAL 'Success')		
Remedial action: Investigation is required to resolve the following possible scenarios: insufficient disk space is available to accommodate the NE configuration files (additional SAM platform alarms will accompany this alarm); the NE is unreachable (including underlying transport network issue); loss of connectivity to the NE during transfer; the FTP daemon on the NE may have stopped; FTP security credential issues.		

Table 18-26 BootableConfigRestoreFailed

Alarm	Attributes	Applicable major releases
Name: BootableConfigRestoreFailed (104) Type: configurationAlarm (11) Package: sw Raised on class: sw.BackupRestoreManager	Severity: major Implicitly cleared: true Default probable cause: fileTransferFailure (89)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when the 5620 SAM fails to restore a set of NE configuration files.		
Raising condition: ('Restore State' EQUAL 'Failure')		
Clearing condition: ('Restore State' EQUAL 'Success')		

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Alarm	Attributes	Applicable major releases
Remedial action: Investigation is required to resolve the following possible scenarios: the NE is unreachable (including underlying transport network issue); loss of connectivity to the NE during transfer; the FTP daemon on the NE may have stopped; FTP security credential issues.		

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Table 18-27 BootParametersMisconfigured

Alarm	Attributes	Applicable major releases
Name: BootParametersMisconfigured (35) Type: configurationAlarm (11) Package: netw Raised on class: netw.NetworkElement	Severity: critical Implicitly cleared: true Default probable cause: persistentIndexFailure (30) Applicable probable causes: <ul style="list-style-type: none"> • persistentIndexFailure • configFileBootFailure 	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when the SNMP Index Boot Status on an NE is not set to Persistent.		
Raising condition: (('isGenericNode' EQUAL 'false') AND ('State' NOT EQUAL 'Pre-provisioned') AND (((('Config File Status' NOT EQUAL 'Executed Successfully') AND ('Config File Status' NOT EQUAL 'configFileStatus_unspecified')) OR (('Persistent Index Status' NOT EQUAL 'Rebuild Succeeded') AND ('Persistent Index Status' NOT EQUAL 'persistentIndexStatus_unspecified'))))		
Clearing condition: (('Config File Status' EQUAL 'Executed Successfully') AND ('Persistent Index Status' EQUAL 'Rebuild Succeeded'))		
Remedial action: Ensure that "SNMP Index Boot Status" is persistent (using cli command "show system information" on the NE). If not, unmanage the network element from SAM, ensure that "persist on" is set in the bof file, save the bof, save a config file, verify that an index file (.ndx) is saved as well, reboot the router, verify that SNMP Index Boot Status is persistent and finally remanage the router from SAM.		

Table 18-28 BundleDown

Alarm	Attributes	Applicable major releases
Name: BundleDown (152) Type: equipmentAlarm (3) Package: bundle Raised on class: bundle.Interface	Severity: critical Implicitly cleared: true Default probable cause: bundleDown (128)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when the bundle Administrative State is Up and the Operational State is Down.		
Raising condition: (('Protection Type' EQUAL 'None') AND ('Administrative State' EQUAL 'Up') AND ('operationalState' NOT EQUAL 'Up') AND ('specificCardType' NOT EQUAL '16 x E1 (ASAP)'))		
Clearing condition: (('Protection Type' NOT EQUAL 'None') OR ('operationalState' EQUAL 'Up') OR ('Administrative State' NOT EQUAL 'Up'))		
Remedial action: Informational - no corrective action required.		

Table 18-29 CcagDown

Alarm	Attributes	Applicable major releases
Name: CcagDown (210) Type: equipmentAlarm (3) Package: ccag Raised on class: ccag.CrossConnectAggregationGroup	Severity: major Implicitly cleared: true Default probable cause: CcagDown (163)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when the CCAG Administrative State is Up and the Operational State is Down.		
Raising condition: (('Administrative State' EQUAL 'Up') AND ('Operational State' NOT EQUAL 'Up'))		
Clearing condition: (('Operational State' EQUAL 'Up') OR ('Administrative State' NOT EQUAL 'Up'))		
Remedial action: Informational - no corrective action required.		

Table 18-30 CesBfrOverrun

Alarm	Attributes	Applicable major releases
Name: CesBfrOverrun (448) Type: communicationsAlarm (4) Package: vll Raised on class: vll.VIICesInterfaceSpecifics	Severity: major Implicitly cleared: true Default probable cause: bufferOverrun (322)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when the 5620 SAM detects a jitter buffer overrun.		
Raising condition: (('Report Alarm Status'anyBit'Buffer Overrun') AND ('Report Alarm'anyBit'Buffer Overrun'))		
Clearing condition: NOT (('Report Alarm Status'anyBit'Buffer Overrun') AND ('Report Alarm'anyBit'Buffer Overrun'))		
Remedial action: Informational - if the alarm persists or is occurring frequently then investigation is required to understand why the underlying transport network is unreliable.		

Table 18-31 CesBfrUnderrun

Alarm	Attributes	Applicable major releases
Name: CesBfrUnderrun (449) Type: communicationsAlarm (4) Package: vll Raised on class: vll.VIICesInterfaceSpecifics	Severity: major Implicitly cleared: true Default probable cause: bufferOverrun (322)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when the 5620 SAM detects a jitter buffer underrun.		
Raising condition: (('Report Alarm Status'anyBit'Buffer Underrun') AND ('Report Alarm'anyBit'Buffer Underrun'))		
Clearing condition: NOT (('Report Alarm Status'anyBit'Buffer Underrun') AND ('Report Alarm'anyBit'Buffer Underrun'))		
Remedial action: Informational - if the alarm persists or is occurring frequently then investigation is required to understand why the underlying transport network is unreliable.		

Table 18-32 CesMalformedPkts

Alarm	Attributes	Applicable major releases
Name: CesMalformedPkts (446) Type: communicationsAlarm (4) Package: vll Raised on class: vll.VIICesInterfaceSpecifics	Severity: major Implicitly cleared: true Default probable cause: malformedPackets (320)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when the 5620 SAM detects one or more malformed packets.		
Raising condition: (('Report Alarm Status'anyBit'Malformed Packets') AND ('Report Alarm'anyBit'Malformed Packets'))		
Clearing condition: NOT (('Report Alarm Status'anyBit'Malformed Packets') AND ('Report Alarm'anyBit'Malformed Packets'))		
Remedial action: Informational - if the alarm persists or is occurring frequently then investigation is required to understand why the underlying transport network is unreliable.		

Table 18-33 CesPktLoss

Alarm	Attributes	Applicable major releases
Name: CesPktLoss (447) Type: communicationsAlarm (4) Package: vll Raised on class: vll.VIICesInterfaceSpecifics	Severity: major Implicitly cleared: true Default probable cause: lossOfPacket (321)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when the 5620 SAM detects a packet loss.		
Raising condition: (('Report Alarm Status'anyBit'Packet Loss') AND ('Report Alarm'anyBit'Packet Loss'))		
Clearing condition: NOT (('Report Alarm Status'anyBit'Packet Loss') AND ('Report Alarm'anyBit'Packet Loss'))		
Remedial action: Informational - if the alarm persists or is occurring frequently then investigation is required to understand why the underlying transport network is unreliable.		

Table 18-34 CesRmtPktLoss

Alarm	Attributes	Applicable major releases
Name: CesRmtPktLoss (450) Type: communicationsAlarm (4) Package: vll Raised on class: vll.VIICesInterfaceSpecifics	Severity: minor Implicitly cleared: true Default probable cause: farEndLossOfPacket (323)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when the 5620 SAM detects a remote packet loss.		
Raising condition: (('Report Alarm Status'anyBit'Remote Packet Loss') AND ('Report Alarm'anyBit'Remote Packet Loss'))		
Clearing condition: NOT (('Report Alarm Status'anyBit'Remote Packet Loss') AND ('Report Alarm'anyBit'Remote Packet Loss'))		
Remedial action: Informational - if the alarm persists or is occurring frequently then investigation is required to understand why the underlying transport network is unreliable.		

Table 18-35 CesRmtRdi

Alarm	Attributes	Applicable major releases
Name: CesRmtRdi (452) Type: configurationAlarm (11) Package: vll Raised on class: vll.VIICesInterfaceSpecifics	Severity: minor Implicitly cleared: false Default probable cause: farEndRdi (325)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when the 5620 SAM detects a remote RDI.		
Raising condition: (('Report Alarm Status'anyBit'Remote RDI') AND ('Report Alarm'anyBit'Remote RDI'))		
Clearing condition: NOT (('Report Alarm Status'anyBit'Remote RDI') AND ('Report Alarm'anyBit'Remote RDI'))		
Remedial action: Informational - if the alarm persists or is occurring frequently then investigation is required to understand why the underlying transport network is unreliable.		

Table 18-36 CesRmtTdmFault

Alarm	Attributes	Applicable major releases
Name: CesRmtTdmFault (451) Type: configurationAlarm (11) Package: vll Raised on class: vll.VIICesInterfaceSpecifics	Severity: minor Implicitly cleared: false Default probable cause: tdmFarEndFault (324)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when the 5620 SAM detects a remote TDM fault.		
Raising condition: (('Report Alarm Status'anyBit'Remote TDM Fault') AND ('Report Alarm'anyBit'Remote TDM Fault'))		
Clearing condition: NOT (('Report Alarm Status'anyBit'Remote TDM Fault') AND ('Report Alarm'anyBit'Remote TDM Fault'))		
Remedial action: Informational - if the alarm persists or is occurring frequently then investigation is required to understand why the underlying transport network is unreliable.		

Table 18-37 CesStrayPkts

Alarm	Attributes	Applicable major releases
Name: CesStrayPkts (445) Type: communicationsAlarm (4) Package: vll Raised on class: vll.VIICesInterfaceSpecifics	Severity: minor Implicitly cleared: true Default probable cause: strayPackets (319)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when the 5620 SAM detects received stray packets.		
Raising condition: (('Report Alarm Status'anyBit'Stray Packets') AND ('Report Alarm'anyBit'Stray Packets'))		
Clearing condition: NOT (('Report Alarm Status'anyBit'Stray Packets') AND ('Report Alarm'anyBit'Stray Packets'))		
Remedial action: Informational - if the alarm persists or is occurring frequently then investigation is required to understand why the underlying transport network is unreliable.		

Table 18-38 CircuitStpExceptionCondition

Alarm	Attributes	Applicable major releases
Name: CircuitStpExceptionCondition (648) Type: SdpBindingAlarm (30) Package: l2fwd Raised on class: l2fwd.CircuitStp	Severity: major Implicitly cleared: true Default probable cause: StpException (228)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when an NE detects an STP exception condition on a SAP, for example, one-way communication or a downstream loop. The alarm clears when the STP status changes.		
Raising condition: (('STP Exception Condition' NOT EQUAL 'None') AND ('Administrative State' EQUAL 'Up'))		
Clearing condition: (('STP Exception Condition' EQUAL 'None') OR ('Administrative State' EQUAL 'Down'))		
Remedial action: Check 'STP Exception Condition' field for more details and fix the STP exception.		

Table 18-39 ClientDelegateServerStatus

Alarm	Attributes	Applicable major releases
Name: ClientDelegateServerStatus (731) Type: communicationsAlarm (4) Package: server Raised on class: server.ClientDelegateServer	Severity: critical Implicitly cleared: true Default probable cause: systemFailed (144)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when a client delegate server is unreachable.		
Raising condition: ('Server Status' EQUAL 'Down')		
Clearing condition: ('Server Status' EQUAL 'Up')		
Remedial action: Informational - if the alarm persists or is occurring frequently then investigation is required to understand why the connectivity between the client delegate platform and SAM servers is unreliable or the client delegate server itself is unreliable.		

Table 18-40 CoherentOpticalModuleFault

Alarm	Attributes	Applicable major releases
Name: CoherentOpticalModuleFault (4612) Type: communicationsAlarm (4) Package: ethernetequipment Raised on class: ethernetequipment.CoherentOpticalCfg	Severity: major Implicitly cleared: true Default probable cause: ModuleFault (1881)	<ul style="list-style-type: none"> • 11.0 • 12.0
Description: The alarm is raised when a device reports module fault on a coherent optical interface.		
Raising condition: (('Configured Alarms'anyBit'Module Fault') AND ('Reported Alarms'anyBit'Module Fault'))		
Clearing condition: NOT (('Configured Alarms'anyBit'Module Fault') AND ('Reported Alarms'anyBit'Module Fault'))		
Remedial action: Module Fault occurred.		

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Table 18-41 CoherentOpticalModuleHostTxFault

Alarm	Attributes	Applicable major releases
Name: CoherentOpticalModuleHostTxFault (4613) Type: communicationsAlarm (4) Package: ethernetequipment Raised on class: ethernetequipment.CoherentOpticalCfg	Severity: major Implicitly cleared: true Default probable cause: CoherentModuleHostTxFault (1882)	<ul style="list-style-type: none"> • 11.0 • 12.0
Description: The alarm is raised when a device reports Host Tx Fault on a coherent optical interface.		
Raising condition: (('Configured Alarms'anyBit'Host (Electrical Side) Transmit') AND ('Reported Alarms'anyBit'Host (Electrical Side) Transmit'))		
Clearing condition: NOT (('Configured Alarms'anyBit'Host (Electrical Side) Transmit') AND ('Reported Alarms'anyBit'Host (Electrical Side) Transmit'))		
Remedial action: Module Host Tx Fault occurred.		

Table 18-42 CoherentOpticalModuleReferenceLockLoss

Alarm	Attributes	Applicable major releases
Name: CoherentOpticalModuleReferenceLockLoss (4614) Type: communicationsAlarm (4) Package: ethernetequipment Raised on class: ethernetequipment.CoherentOpticalCfg	Severity: major Implicitly cleared: true Default probable cause: ReferenceLockLoss (1883)	<ul style="list-style-type: none"> • 11.0 • 12.0
Description: The alarm is raised when a device reports loss of reference lock signal on a coherent optical interface.		
Raising condition: (('Configured Alarms'anyBit'Module') AND ('Reported Alarms'anyBit'Module'))		
Clearing condition: NOT (('Configured Alarms'anyBit'Module') AND ('Reported Alarms'anyBit'Module'))		
Remedial action: Loss of reference lock.		

Table 18-43 CoherentOpticalModuleRxFault

Alarm	Attributes	Applicable major releases
Name: CoherentOpticalModuleRxFault (4615) Type: communicationsAlarm (4) Package: ethernetequipment Raised on class: ethernetequipment.CoherentOpticalCfg	Severity: critical Implicitly cleared: true Default probable cause: CoherentModuleRxFault (1884)	<ul style="list-style-type: none"> • 11.0 • 12.0
Description: The alarm is raised when a device reports Rx Fault on a coherent optical interface.		
Raising condition: (('Configured Alarms'anyBit'Network (Optical Side) Receive') AND ('Reported Alarms'anyBit'Network (Optical Side) Receive'))		

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Alarm	Attributes	Applicable major releases
Clearing condition: NOT (('Configured Alarms'anyBit'Network (Optical Side) Receive') AND ('Reported Alarms'anyBit'Network (Optical Side) Receive'))		
Remedial action: Module Rx Fault occurred.		

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Table 18-44 CoherentOpticalModuleTxFault

Alarm	Attributes	Applicable major releases
Name: CoherentOpticalModuleTxFault (4616) Type: communicationsAlarm (4) Package: ethernetequipment Raised on class: ethernetequipment.CoherentOpticalCfg	Severity: major Implicitly cleared: true Default probable cause: CoherentModuleTxFault (1885)	<ul style="list-style-type: none"> • 11.0 • 12.0
Description: The alarm is raised when a device reports Tx Fault on a coherent optical interface.		
Raising condition: (('Configured Alarms'anyBit'Network (Optical Side) Transmit') AND ('Reported Alarms'anyBit'Network (Optical Side) Transmit'))		
Clearing condition: NOT (('Configured Alarms'anyBit'Network (Optical Side) Transmit') AND ('Reported Alarms'anyBit'Network (Optical Side) Transmit'))		
Remedial action: Module Tx Fault occurred.		

Table 18-45 ConfigurationRescueFileDeleteStatus

Alarm	Attributes	Applicable major releases
Name: ConfigurationRescueFileDeleteStatus (3894) Type: configurationRescueAlarm (109) Package: rollback Raised on class: rollback.RollbackNEInfo	Severity: info Implicitly cleared: false Default probable cause: configurationRescueFileDeleteOperationPerformed (1485)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when a configuration rollback rescue file delete operation is performed.		
Remedial action: Informational - If rollback rescue file deletion status indicates failed, then, the requested rescue file might not be available or check the FTP permission for the rescue location.		

Table 18-46 ConfigurationRescueFileSaveStatus

Alarm	Attributes	Applicable major releases
Name: ConfigurationRescueFileSaveStatus (3895) Type: configurationRescueAlarm (109) Package: rollback Raised on class: rollback.RollbackNEInfo	Severity: info Implicitly cleared: false Default probable cause: configurationRescueFileSaveOperationPerformed (1486)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when a configuration rollback rescue save operation is performed.		
Remedial action: Informational - If rollback rescue file creation status indicates failed, then, check the FTP permission for the rescue location.		

Table 18-47 ConfigurationRescueStatus

Alarm	Attributes	Applicable major releases
Name: ConfigurationRescueStatus (3896) Type: configurationRescueAlarm (109) Package: rollback Raised on class: rollback.RollbackNEInfo	Severity: info Implicitly cleared: false Default probable cause: configurationRescueOperationPerformed (1487)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when a configuration rollback rescue operation is performed.		
Remedial action: Informational - If rollback rescue status indicates failed, then, the rescue file might not be available or check the FTP permission for the rescue location.		

Table 18-48 ConfigurationRollBackFileDeleteStatus

Alarm	Attributes	Applicable major releases
Name: ConfigurationRollBackFileDeleteStatus (3897) Type: configurationRollBackAlarm (103) Package: rollback Raised on class: rollback.RollbackNEInfo	Severity: info Implicitly cleared: false Default probable cause: configurationRollBackFileDeleteOperationPerformed (1488)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when a configuration rollback file delete operation is performed.		
Remedial action: Informational - If rollback file deletion status indicates failed, then, the requested rollback file might not be available or check the FTP permission for the rollback location..		

Table 18-49 ConfigurationRollBackFileSyncStatus

Alarm	Attributes	Applicable major releases
Name: ConfigurationRollBackFileSyncStatus (3898) Type: configurationRollBackFileSyncAlarm (110) Package: rollback Raised on class: rollback.RollbackNEInfo	Severity: info Implicitly cleared: false Default probable cause: configurationRollBackFileSyncOperationPerformed (1489)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when a configuration rollback CPM sync operation is performed.		
Remedial action: Informational - If rollback files CPM Sync status indicates failed, then, check whether standby CPM is up.		

Table 18-50 ConfigurationRollBackSaveStatus

Alarm	Attributes	Applicable major releases
Name: ConfigurationRollBackSaveStatus (3899) Type: configurationRollBackAlarm (103) Package: rollback Raised on class: rollback.RollbackNEInfo	Severity: info Implicitly cleared: false Default probable cause: configurationRollBackSaveOperationPerformed (1490)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when a configuration rollback save operation is performed.		
Remedial action: Informational - If rollback file creation status indicates failed, then, check the FTP permission for the rollback location.		

Table 18-51 ConfigurationRollBackStatus (netw)

Alarm	Attributes	Applicable major releases
Name: ConfigurationRollBackStatus (3684) Type: configurationRollBackAlarm (103) Package: netw Raised on class: netw.NetworkElement	Severity: info Implicitly cleared: false Default probable cause: configurationRollBackOperationPerformed (1422)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when a configuration rollback operation is performed.		
Remedial action: Informational - If rollback status indicates failed, then, the requested checkpoint might not be available or NE configuration might need to be restored.		

Table 18-52 ConfigurationRollBackStatus (rollback)

Alarm	Attributes	Applicable major releases
Name: ConfigurationRollBackStatus (3684) Type: configurationRollBackAlarm (103) Package: rollback Raised on class: rollback.RollbackNEInfo	Severity: info Implicitly cleared: false Default probable cause: configurationRollBackOperationPerformed (1422)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when a configuration rollback operation is performed.		
Remedial action: Informational - If rollback status indicates failed, then, the requested checkpoint might not be available or NE configuration might need to be restored.		

Table 18-53 ContainingEquipmentAdministrativelyDown

Alarm	Attributes	Applicable major releases
Name: ContainingEquipmentAdministrativelyDown (466) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.Port	Severity: minor Implicitly cleared: true Default probable cause: containingEquipmentAdministrativelyDown (330)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when the compositeEquipmentState attribute has a value of containingEquipmentAdministrativelyDown.		
Raising condition: (('Status' EQUAL 'Parent Admin Down') AND ('isTerminatable' EQUAL 'true'))		
Clearing condition: (('Status' NOT EQUAL 'Parent Admin Down') OR ('isTerminatable' NOT EQUAL 'true'))		
Remedial action: Informational - no corrective action required.		

Table 18-54 ContainingEquipmentMismatch

Alarm	Attributes	Applicable major releases
Name: ContainingEquipmentMismatch (464) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.Port	Severity: major Implicitly cleared: true Default probable cause: containingEquipmentMismatch (328)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when the compositeEquipmentState attribute has a value of containingEquipmentMismatch.		
Raising condition: (('Status' EQUAL 'Parent Type Mismatch') AND ('isTerminatable' EQUAL 'true'))		
Clearing condition: (('Status' NOT EQUAL 'Parent Type Mismatch') OR ('isTerminatable' NOT EQUAL 'true'))		
Remedial action: A configuration error has occurred which must be corrected. The card type configured for the slot identified in the alarm must match the installed card type.		

Table 18-55 ContainingEquipmentOperationallyDown

Alarm	Attributes	Applicable major releases
Name: ContainingEquipmentOperationallyDown (465) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.Port	Severity: major Implicitly cleared: true Default probable cause: containingEquipmentDown (329)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when the compositeEquipmentState attribute has a value of containingEquipmentOperationallyDown.		
Raising condition: (('Status' EQUAL 'Parent Oper Down') AND ('isTerminatable' EQUAL 'true'))		
Clearing condition: (('Status' NOT EQUAL 'Parent Oper Down') OR ('isTerminatable' NOT EQUAL 'true'))		
Remedial action: The operational state of the equipment element indicated in the alarm is down. This may be due to the element's administrative state or it may indicate that the element has failed.		

Table 18-56 CorruptImageFile

Alarm	Attributes	Applicable major releases
Name: CorruptImageFile (171) Type: configurationAlarm (11) Package: mediation Raised on class: mediation.AbstractSoftwareFolderDescriptor	Severity: critical Implicitly cleared: true Default probable cause: invalidOrCorruptImageFile (134)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when one or more files in the 5620 SAM software image specified for a device software upgrade is invalid, corrupt or absent. The 5620 SAM validates a device software file set before it imports the file set and distributes it to an NE. Ensure that the file set downloads properly to the NE and is not tampered with before you re-attempt the upgrade. The alarm clears when a valid file set is on the NE and the 5620 SAM activates the software image in the file set.		
Raising condition: ('isImageValid' EQUAL 'false')		
Clearing condition: ('isImageValid' EQUAL 'true')		
Remedial action: The existing SW image in the SAM database should be replaced with an image that is known to be complete and valid.		

Table 18-57 CpmProtectionExceedEntry

Alarm	Attributes	Applicable major releases
Name: CpmProtectionExceedEntry (2925) Type: communications (87) Package: sitesecc Raised on class: sitesecc.CpmProtExcdEntry	Severity: warning Implicitly cleared: false Default probable cause: denialOfService (790)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when a MAC packet stream has exceeded its per-source limit.		
Raising condition: ('Number of Rate Violations' NOT EQUAL '0L')		

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Alarm	Attributes	Applicable major releases
Remedial action: A device in the network is sending traffic to the NE at a rate which is higher than expected. The source of the traffic must be identified and if the behavior is undesired then the device should be disabled. It is also possible that the threshold has been configured at a level which is lower than acceptable in which case the configuration should be aligned with the traffic levels expected.		

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Table 18-58 CpmProtectionExceedSaplpEntry

Alarm	Attributes	Applicable major releases
Name: CpmProtectionExceedSaplpEntry (3911) Type: communications (87) Package: sitesecc Raised on class: sitesecc.CpmProtExcdSaplpEntry	Severity: warning Implicitly cleared: false Default probable cause: denialOfService (790)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when an IP packet stream has exceeded the per-source limit.		
Raising condition: ('Number of Rate Violations' NOT EQUAL '0L')		
Remedial action: A device in the network is sending traffic to the NE at a rate which is higher than expected. The source of the traffic must be identified and if the behavior is undesired then the device should be disabled. It is also possible that the threshold has been configured at a level which is lower than acceptable in which case the configuration should be aligned with the traffic levels expected.		

Table 18-59 CpmProtectionViolationIfEntry

Alarm	Attributes	Applicable major releases
Name: CpmProtectionViolationIfEntry (2926) Type: communications (87) Package: sitesecc Raised on class: sitesecc.CpmProtViolIfEntry	Severity: warning Implicitly cleared: false Default probable cause: denialOfService (790)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when the link-specific packet arrival rate limit at the interface is violated.		
Raising condition: ('Number of Rate Violations' NOT EQUAL '0L')		
Remedial action: A device in the network is sending traffic to the NE at a rate which is higher than expected. The source of the traffic must be identified and if the behavior is undesired then the device should be disabled. It is also possible that the threshold has been configured at a level which is lower than acceptable in which case the configuration should be aligned with the traffic levels expected.		

Table 18-60 CpmProtectionViolationPortEntry

Alarm	Attributes	Applicable major releases
Name: CpmProtectionViolationPortEntry (2927) Type: communications (87) Package: sitesecc Raised on class: sitesecc.CpmProtViolPortEntry	Severity: warning Implicitly cleared: false Default probable cause: denialOfService (790)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when the link-specific packet arrival rate limit at the port is violated.		
Raising condition: (('Number of Per-port Violations' NOT EQUAL '0L') OR ('Number of Link-specific Violations' NOT EQUAL '0L'))		
Remedial action: A device in the network is sending traffic to the NE at a rate which is higher than expected. The source of the traffic must be identified and if the behavior is undesired then the device should be disabled. It is also possible that the threshold has been configured at a level which is lower that acceptable in which case the configuration should be align with the traffic levels expected.		

Table 18-61 CpmProtectionViolationSAPEntry

Alarm	Attributes	Applicable major releases
Name: CpmProtectionViolationSAPEntry (2928) Type: communications (87) Package: sitesecc Raised on class: sitesecc.CpmProtViolSapEntry	Severity: warning Implicitly cleared: false Default probable cause: denialOfService (790)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when the link-specific packet arrival rate limit at the SAP is violated.		
Raising condition: ('Number of Rate Violations' NOT EQUAL '0L')		
Remedial action: A device in the network is sending traffic to the NE at a rate which is higher than expected. The source of the traffic must be identified and if the behavior is undesired then the device should be disabled. It is also possible that the threshold has been configured at a level which is lower that acceptable in which case the configuration should be align with the traffic levels expected.		

Table 18-62 CpmProtectionViolationSDPEntry

Alarm	Attributes	Applicable major releases
Name: CpmProtectionViolationSDPEntry (5415) Type: communications (87) Package: sitesecc Raised on class: sitesecc.CpmProtViolSdpEntry	Severity: warning Implicitly cleared: false Default probable cause: denialOfService (790)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when the overall packet arrival rate limit at the SDP is violated.		
Raising condition: ('Number of Rate Violations' NOT EQUAL '0L')		
Remedial action: A device in the network is sending traffic to the NE at a rate which is higher than expected. The source of the traffic must be identified and if the behavior is undesired then the device should be disabled. It is also possible that the threshold has been configured at a level which is lower that acceptable in which case the configuration should be align with the traffic levels expected.		

Table 18-63 DDMAux1HighAlarm

Alarm	Attributes	Applicable major releases
Name: DDMAux1HighAlarm (495) Type: thresholdAlarm (49) Package: equipment Raised on class: equipment.AbstractDDM	Severity: major Implicitly cleared: true Default probable cause: aux1HighAlarm (381)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0
Description: The alarm is raised when the manufacturer-specific Auxiliary 1 of the XFP reaches the maximum threshold value.		
Raising condition: ('failedThresholds'anyBit'Aux1 High Alarm')		
Clearing condition: NOT (('failedThresholds'anyBit'Aux1 High Alarm'))		
Remedial action: Informational. Check the environmental parameters of the transceiver and ensure that it is not faulty.		

Table 18-64 DDMAux1HighWarning

Alarm	Attributes	Applicable major releases
Name: DDMAux1HighWarning (494) Type: thresholdAlarm (49) Package: equipment Raised on class: equipment.AbstractDDM	Severity: warning Implicitly cleared: true Default probable cause: aux1HighWarning (380)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0
Description: The alarm is raised when the manufacturer-specific Auxiliary 1 of the XFP approaches the maximum threshold value.		
Raising condition: ('failedThresholds'anyBit'Aux1 High Warning')		
Clearing condition: NOT (('failedThresholds'anyBit'Aux1 High Warning'))		
Remedial action: Informational. Check the environmental parameters of the transceiver and ensure that it is not faulty.		

Table 18-65 DDMAux1LowAlarm

Alarm	Attributes	Applicable major releases
Name: DDMAux1LowAlarm (493) Type: thresholdAlarm (49) Package: equipment Raised on class: equipment.AbstractDDM	Severity: major Implicitly cleared: true Default probable cause: aux1LowAlarm (379)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0
Description: The alarm is raised when the manufacturer-specific Auxiliary 1 of the XFP reaches the minimum threshold value.		
Raising condition: ('failedThresholds'anyBit'Aux1 Low Alarm')		
Clearing condition: NOT (('failedThresholds'anyBit'Aux1 Low Alarm'))		
Remedial action: Informational. Check the environmental parameters of the transceiver and ensure that it is not faulty.		

Table 18-66 DDMAux1LowWarning

Alarm	Attributes	Applicable major releases
Name: DDMAux1LowWarning (492) Type: thresholdAlarm (49) Package: equipment Raised on class: equipment.AbstractDDM	Severity: warning Implicitly cleared: true Default probable cause: aux1LowWarning (378)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0
Description: The alarm is raised when the manufacturer-specific Auxiliary 1 of the XFP approaches the minimum threshold value.		
Raising condition: ('failedThresholds'anyBit'Aux1 Low Warning')		
Clearing condition: NOT (('failedThresholds'anyBit'Aux1 Low Warning'))		
Remedial action: Informational. Check the environmental parameters of the transceiver and ensure that it is not faulty.		

Table 18-67 DDMAux2HighAlarm

Alarm	Attributes	Applicable major releases
Name: DDMAux2HighAlarm (499) Type: thresholdAlarm (49) Package: equipment Raised on class: equipment.AbstractDDM	Severity: major Implicitly cleared: true Default probable cause: aux2HighAlarm (385)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0
Description: The alarm is raised when the manufacturer-specific Auxiliary 2 of the XFP reaches the maximum threshold value.		
Raising condition: ('failedThresholds'anyBit'Aux2 High Alarm')		
Clearing condition: NOT (('failedThresholds'anyBit'Aux2 High Alarm'))		
Remedial action: Informational. Check the environmental parameters of the transceiver and ensure that it is not faulty.		

Table 18-68 DDMAux2HighWarning

Alarm	Attributes	Applicable major releases
Name: DDMAux2HighWarning (498) Type: thresholdAlarm (49) Package: equipment Raised on class: equipment.AbstractDDM	Severity: warning Implicitly cleared: true Default probable cause: aux2HighWarning (384)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0
Description: The alarm is raised when the manufacturer-specific Auxiliary 2 of the XFP approaches the maximum threshold value.		
Raising condition: ('failedThresholds'anyBit'Aux2 High Warning')		
Clearing condition: NOT (('failedThresholds'anyBit'Aux2 High Warning'))		
Remedial action: Informational. Check the environmental parameters of the transceiver and ensure that it is not faulty.		

Table 18-69 DDMAux2LowAlarm

Alarm	Attributes	Applicable major releases
Name: DDMAux2LowAlarm (497) Type: thresholdAlarm (49) Package: equipment Raised on class: equipment.AbstractDDM	Severity: major Implicitly cleared: true Default probable cause: aux2LowAlarm (383)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0
Description: The alarm is raised when the manufacturer-specific Auxiliary 2 of the XFP reaches the minimum threshold value.		
Raising condition: ('failedThresholds'anyBit'Aux2 Low Alarm')		
Clearing condition: NOT (('failedThresholds'anyBit'Aux2 Low Alarm'))		
Remedial action: Informational. Check the environmental parameters of the transceiver and ensure that it is not faulty.		

Table 18-70 DDMAux2LowWarning

Alarm	Attributes	Applicable major releases
Name: DDMAux2LowWarning (496) Type: communicatiothresholdAlarmnsAlarm (50) Package: equipment Raised on class: equipment.AbstractDDM	Severity: warning Implicitly cleared: true Default probable cause: aux2LowWarning (382)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0
Description: The alarm is raised when the manufacturer-specific Auxiliary 2 of the XFP approaches the minimum threshold value.		
Raising condition: ('failedThresholds'anyBit'Aux2 Low Warning')		
Clearing condition: NOT (('failedThresholds'anyBit'Aux2 Low Warning'))		
Remedial action: Informational. Check the environmental parameters of the transceiver and ensure that it is not faulty.		

Table 18-71 DDMRxOpticalPowerHighAlarm

Alarm	Attributes	Applicable major releases
Name: DDMRxOpticalPowerHighAlarm (491) Type: thresholdAlarm (49) Package: equipment Raised on class: equipment.AbstractDDM	Severity: major Implicitly cleared: true Default probable cause: rxOpticalPowerHighAlarm (377)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0
Description: The alarm is raised when the received optical power of an SFP or XFP reaches the maximum threshold value.		
Raising condition: ('failedThresholds'anyBit'Rx Optical Power High Alarm')		
Clearing condition: NOT (('failedThresholds'anyBit'Rx Optical Power High Alarm'))		
Remedial action: Informational. Check the environmental parameters of the transceiver and ensure that it is not faulty.		

Table 18-72 DDMRxOpticalPowerHighWarning

Alarm	Attributes	Applicable major releases
Name: DDMRxOpticalPowerHighWarning (490) Type: thresholdAlarm (49) Package: equipment Raised on class: equipment.AbstractDDM	Severity: warning Implicitly cleared: true Default probable cause: rxOpticalPowerHighWarning (376)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0
Description: The alarm is raised when the received optical power of an SFP or XFP approaches the maximum threshold value.		
Raising condition: ('failedThresholds'anyBit'Rx Optical Power High Warning')		
Clearing condition: NOT (('failedThresholds'anyBit'Rx Optical Power High Warning'))		
Remedial action: Informational. Check the environmental parameters of the transceiver and ensure that it is not faulty.		

Table 18-73 DDMRxOpticalPowerLowAlarm

Alarm	Attributes	Applicable major releases
Name: DDMRxOpticalPowerLowAlarm (489) Type: thresholdAlarm (49) Package: equipment Raised on class: equipment.AbstractDDM	Severity: major Implicitly cleared: true Default probable cause: rxOpticalPowerLowAlarm (375)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0
Description: The alarm is raised when the received optical power of an SFP or XFP reaches the minimum threshold value.		
Raising condition: ('failedThresholds'anyBit'Rx Optical Power Low Alarm')		
Clearing condition: NOT (('failedThresholds'anyBit'Rx Optical Power Low Alarm'))		
Remedial action: Informational. Check the environmental parameters of the transceiver and ensure that it is not faulty.		

Table 18-74 DDMRxOpticalPowerLowWarning

Alarm	Attributes	Applicable major releases
Name: DDMRxOpticalPowerLowWarning (488) Type: thresholdAlarm (49) Package: equipment Raised on class: equipment.AbstractDDM	Severity: warning Implicitly cleared: true Default probable cause: rxOpticalPowerLowWarning (374)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0
Description: The alarm is raised when the received optical power of an SFP or XFP approaches the minimum threshold value.		
Raising condition: ('failedThresholds'anyBit'Rx Optical Power Low Warning')		
Clearing condition: NOT (('failedThresholds'anyBit'Rx Optical Power Low Warning'))		
Remedial action: Informational. Check the environmental parameters of the transceiver and ensure that it is not faulty.		

Table 18-75 DDMSupplyVoltageHighAlarm

Alarm	Attributes	Applicable major releases
Name: DDMSupplyVoltageHighAlarm (479) Type: thresholdAlarm (49) Package: equipment Raised on class: equipment.AbstractDDM	Severity: major Implicitly cleared: true Default probable cause: supplyVoltageHighAlarm (365)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0
Description: The alarm is raised when the supply voltage of an SFP or XFP reaches the maximum threshold value.		
Raising condition: ('failedThresholds'anyBit'Supply Voltage High Alarm')		
Clearing condition: NOT (('failedThresholds'anyBit'Supply Voltage High Alarm'))		
Remedial action: Informational. Check the environmental parameters of the transceiver and ensure that it is not faulty.		

Table 18-76 DDMSupplyVoltageHighWarning

Alarm	Attributes	Applicable major releases
Name: DDMSupplyVoltageHighWarning (478) Type: thresholdAlarm (49) Package: equipment Raised on class: equipment.AbstractDDM	Severity: warning Implicitly cleared: true Default probable cause: supplyVoltageHighWarning (364)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0
Description: The alarm is raised when the supply voltage of an SFP or XFP approaches the maximum threshold value.		
Raising condition: ('failedThresholds'anyBit'Supply Voltage High Warning')		
Clearing condition: NOT (('failedThresholds'anyBit'Supply Voltage High Warning'))		
Remedial action: Informational. Check the environmental parameters of the transceiver and ensure that it is not faulty.		

Table 18-77 DDMSupplyVoltageLowAlarm

Alarm	Attributes	Applicable major releases
Name: DDMSupplyVoltageLowAlarm (477) Type: thresholdAlarm (49) Package: equipment Raised on class: equipment.AbstractDDM	Severity: major Implicitly cleared: true Default probable cause: supplyVoltageLowAlarm (363)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0
Description: The alarm is raised when the supply voltage of an SFP or XFP reaches the maximum threshold value.		
Raising condition: ('failedThresholds'anyBit'Supply Voltage Low Alarm')		
Clearing condition: NOT (('failedThresholds'anyBit'Supply Voltage Low Alarm'))		
Remedial action: Informational. Check the environmental parameters of the transceiver and ensure that it is not faulty.		

Table 18-78 DDMSupplyVoltageLowWarning

Alarm	Attributes	Applicable major releases
Name: DDMSupplyVoltageLowWarning (476) Type: thresholdAlarm (49) Package: equipment Raised on class: equipment.AbstractDDM	Severity: warning Implicitly cleared: true Default probable cause: supplyVoltageLowWarning (362)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0
Description: The alarm is raised when the supply voltage of an SFP or XFP approaches the maximum threshold value.		
Raising condition: ('failedThresholds'anyBit'Supply Voltage Low Warning')		
Clearing condition: NOT (('failedThresholds'anyBit'Supply Voltage Low Warning'))		
Remedial action: Informational. Check the environmental parameters of the transceiver and ensure that it is not faulty.		

Table 18-79 DDMTemperatureHighAlarm

Alarm	Attributes	Applicable major releases
Name: DDMTemperatureHighAlarm (475) Type: thresholdAlarm (49) Package: equipment Raised on class: equipment.AbstractDDM	Severity: major Implicitly cleared: true Default probable cause: temperatureHighAlarm (361)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0
Description: The alarm is raised when the temperature of an SFP or XFP reaches the maximum threshold value.		
Raising condition: ('failedThresholds'anyBit'Temperature High Alarm')		
Clearing condition: NOT (('failedThresholds'anyBit'Temperature High Alarm'))		
Remedial action: Informational. Check the environmental parameters of the transceiver and ensure that it is not faulty.		

Table 18-80 DDMTemperatureHighWarning

Alarm	Attributes	Applicable major releases
Name: DDMTemperatureHighWarning (474) Type: thresholdAlarm (49) Package: equipment Raised on class: equipment.AbstractDDM	Severity: warning Implicitly cleared: true Default probable cause: temperatureHighWarning (360)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0
Description: The alarm is raised when the temperature of an SFP or XFP approaches the maximum threshold value.		
Raising condition: ('failedThresholds'anyBit'Temperature High Warning')		
Clearing condition: NOT (('failedThresholds'anyBit'Temperature High Warning'))		
Remedial action: Informational. Check the environmental parameters of the transceiver and ensure that it is not faulty.		

Table 18-81 DDMTemperatureLowAlarm

Alarm	Attributes	Applicable major releases
Name: DDMTemperatureLowAlarm (473) Type: thresholdAlarm (49) Package: equipment Raised on class: equipment.AbstractDDM	Severity: major Implicitly cleared: true Default probable cause: temperatureLowAlarm (359)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0
Description: The alarm is raised when the temperature of an SFP or XFP reaches the maximum threshold value.		
Raising condition: ('failedThresholds'anyBit'Temperature Low Alarm')		
Clearing condition: NOT (('failedThresholds'anyBit'Temperature Low Alarm'))		
Remedial action: Informational. Check the environmental parameters of the transceiver and ensure that it is not faulty.		

Table 18-82 DDMTemperatureLowWarning

Alarm	Attributes	Applicable major releases
Name: DDMTemperatureLowWarning (472) Type: thresholdAlarm (49) Package: equipment Raised on class: equipment.AbstractDDM	Severity: warning Implicitly cleared: true Default probable cause: temperatureLowWarning (358)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0
Description: The alarm is raised when the temperature of an SFP or XFP approaches the maximum threshold value.		
Raising condition: ('failedThresholds'anyBit'Temperature Low Warning')		
Clearing condition: NOT (('failedThresholds'anyBit'Temperature Low Warning'))		
Remedial action: Informational. Check the environmental parameters of the transceiver and ensure that it is not faulty.		

Table 18-83 DDMTxBiasCurrentHighAlarm

Alarm	Attributes	Applicable major releases
Name: DDMTxBiasCurrentHighAlarm (483) Type: thresholdAlarm (49) Package: equipment Raised on class: equipment.AbstractDDM	Severity: major Implicitly cleared: true Default probable cause: txBiasCurrentHighAlarm (369)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0
Description: The alarm is raised when the transmit bias current of an SFP or XFP reaches the maximum threshold value.		
Raising condition: ('failedThresholds'anyBit'Tx Bias Current High Alarm')		
Clearing condition: NOT (('failedThresholds'anyBit'Tx Bias Current High Alarm'))		
Remedial action: Informational. Check the environmental parameters of the transceiver and ensure that it is not faulty.		

Table 18-84 DDMTxBiasCurrentHighWarning

Alarm	Attributes	Applicable major releases
Name: DDMTxBiasCurrentHighWarning (482) Type: thresholdAlarm (49) Package: equipment Raised on class: equipment.AbstractDDM	Severity: warning Implicitly cleared: true Default probable cause: txBiasCurrentHighWarning (368)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0
Description: The alarm is raised when the transmit bias current of an SFP or XFP approaches the maximum threshold value.		
Raising condition: ('failedThresholds'anyBit'Tx Bias Current High Warning')		
Clearing condition: NOT (('failedThresholds'anyBit'Tx Bias Current High Warning'))		
Remedial action: Informational. Check the environmental parameters of the transceiver and ensure that it is not faulty.		

Table 18-85 DDMTxBiasCurrentLowAlarm

Alarm	Attributes	Applicable major releases
Name: DDMTxBiasCurrentLowAlarm (481) Type: thresholdAlarm (49) Package: equipment Raised on class: equipment.AbstractDDM	Severity: major Implicitly cleared: true Default probable cause: txBiasCurrentLowAlarm (367)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0
Description: The alarm is raised when the transmit bias current of an SFP or XFP reaches the maximum threshold value.		
Raising condition: ('failedThresholds'anyBit'Tx Bias Current Low Alarm')		
Clearing condition: NOT (('failedThresholds'anyBit'Tx Bias Current Low Alarm'))		
Remedial action: Informational. Check the environmental parameters of the transceiver and ensure that it is not faulty.		

Table 18-86 DDMTxBiasCurrentLowWarning

Alarm	Attributes	Applicable major releases
Name: DDMTxBiasCurrentLowWarning (480) Type: thresholdAlarm (49) Package: equipment Raised on class: equipment.AbstractDDM	Severity: warning Implicitly cleared: true Default probable cause: txBiasCurrentLowWarning (366)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0
Description: The alarm is raised when the transmit bias current of an SFP or XFP approaches the maximum threshold value.		
Raising condition: ('failedThresholds'anyBit'Tx Bias Current Low Warning')		
Clearing condition: NOT (('failedThresholds'anyBit'Tx Bias Current Low Warning'))		
Remedial action: Informational. Check the environmental parameters of the transceiver and ensure that it is not faulty.		

Table 18-87 DDMTxOutputPowerHighAlarm

Alarm	Attributes	Applicable major releases
Name: DDMTxOutputPowerHighAlarm (487) Type: thresholdAlarm (49) Package: equipment Raised on class: equipment.AbstractDDM	Severity: major Implicitly cleared: true Default probable cause: txOutputPowerHighAlarm (373)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0
Description: The alarm is raised when the output power of an SFP or XFP reaches the maximum threshold value.		
Raising condition: ('failedThresholds'anyBit'Tx Output Power High Alarm')		
Clearing condition: NOT (('failedThresholds'anyBit'Tx Output Power High Alarm'))		
Remedial action: Informational. Check the environmental parameters of the transceiver and ensure that it is not faulty.		

Table 18-88 DDMTxOutputPowerHighWarning

Alarm	Attributes	Applicable major releases
Name: DDMTxOutputPowerHighWarning (486) Type: thresholdAlarm (49) Package: equipment Raised on class: equipment.AbstractDDM	Severity: warning Implicitly cleared: true Default probable cause: txOutputPowerHighWarning (372)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0
Description: The alarm is raised when the output power of an SFP or XFP approaches the maximum threshold value.		
Raising condition: ('failedThresholds'anyBit'Tx Output Power High Warning')		
Clearing condition: NOT (('failedThresholds'anyBit'Tx Output Power High Warning'))		
Remedial action: Informational. Check the environmental parameters of the transceiver and ensure that it is not faulty.		

Table 18-89 DDMTxOutputPowerLowAlarm

Alarm	Attributes	Applicable major releases
Name: DDMTxOutputPowerLowAlarm (485) Type: thresholdAlarm (49) Package: equipment Raised on class: equipment.AbstractDDM	Severity: major Implicitly cleared: true Default probable cause: txOutputPowerLowAlarm (371)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0
Description: The alarm is raised when the output power of an SFP or XFP reaches the maximum threshold value.		
Raising condition: ('failedThresholds'anyBit'Tx Output Power Low Alarm')		
Clearing condition: NOT (('failedThresholds'anyBit'Tx Output Power Low Alarm'))		
Remedial action: Informational. Check the environmental parameters of the transceiver and ensure that it is not faulty.		

Table 18-90 DDMtxOutputPowerLowWarning

Alarm	Attributes	Applicable major releases
Name: DDMtxOutputPowerLowWarning (484) Type: thresholdAlarm (49) Package: equipment Raised on class: equipment.AbstractDDM	Severity: warning Implicitly cleared: true Default probable cause: txOutputPowerLowWarning (370)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0
Description: The alarm is raised when the output power of an SFP or XFP approaches the maximum threshold value.		
Raising condition: ('failedThresholds'anyBit'Tx Output Power Low Warning')		
Clearing condition: NOT (('failedThresholds'anyBit'Tx Output Power Low Warning'))		
Remedial action: Informational. Check the environmental parameters of the transceiver and ensure that it is not faulty.		

Table 18-91 DHCPPOOLFailoverStateChange

Alarm	Attributes	Applicable major releases
Name: DHCPPOOLFailoverStateChange (5168) Type: configurationAlarm (11) Package: dhcp Raised on class: dhcp.LocalDhcpPoolFailover	Severity: warning Implicitly cleared: true Default probable cause: DHCPPOOLFailoverStateChanged (2088)	<ul style="list-style-type: none"> • 11.0 • 12.0
Description: The alarm is raised when the Local DHCP Pool Failover has a state other than Normal.		
Raising condition: (('state' NOT EQUAL 'Normal'))		
Clearing condition: (('state' EQUAL 'Normal'))		
Remedial action: This alarm is raised when the operational state of a particular Local DHCP Pool Failover is other than Normal. This can occur if the failover configuration is incorrect, disabled or if a pool failover is in progress. This alarm is cleared implicitly when the DHCP Pool Failover state returns to Normal.		

Table 18-92 DHCPSEVERFailoverStateChange

Alarm	Attributes	Applicable major releases
Name: DHCPSEVERFailoverStateChange (4986) Type: configurationAlarm (11) Package: dhcp Raised on class: dhcp.LocalDhcpServerFailover	Severity: warning Implicitly cleared: true Default probable cause: DHCPSEVERFailoverStateChanged (2041)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when the Local DHCP Server Failover has a state other than Normal.		
Raising condition: (('state' NOT EQUAL 'Normal'))		
Clearing condition: (('state' EQUAL 'Normal'))		
Remedial action: This alarm is raised when operational state of a particular Local DHCP Server Failover is other than Normal. This can occur if the failover configuration is incorrect, disabled or if a server failover is in progress. This alarm will be cleared implicitly when the DHCP Server Failover state returns to Normal.		

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Table 18-93 downgradedCardAlarm

Alarm	Attributes	Applicable major releases
Name: downgradedCardAlarm (256) Type: softwareAlarm (19) Package: equipment Raised on class: equipment.Card	Severity: warning Implicitly cleared: true Default probable cause: downgradedCard (195)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when an IOM is not upgraded or reset after a device software upgrade of both CPMs. A device resets an IOM automatically after 120 minutes if the IOM is not manually reset after a CPM upgrade.		
Raising condition: ('operationalState' EQUAL 'Downgrade')		
Clearing condition: ('operationalState' EQUAL 'Up')		
Remedial action: Informational - no corrective action required.		

Table 18-94 DS1E1AlarmIndicationSignal

Alarm	Attributes	Applicable major releases
Name: DS1E1AlarmIndicationSignal (112) Type: communicationsAlarm (4) Package: tdmequipment Raised on class: tdmequipment.DS1E1ChannelSpecifics	Severity: major Implicitly cleared: true Default probable cause: alarmIndicationSignal (96)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when an NE reports that a specific DS1 or E1 channel has an AIS alarm condition.		
Raising condition: (('Outstanding Alarms'anyBit'Alarm Indication Signal') AND ('Report Alarms'anyBit'Alarm Indication Signal'))		
Clearing condition: NOT (('Outstanding Alarms'anyBit'Alarm Indication Signal') AND ('Report Alarms'anyBit'Alarm Indication Signal'))		
Remedial action: Informational only.		

Table 18-95 DS1E1Looped

Alarm	Attributes	Applicable major releases
Name: DS1E1Looped (126) Type: communicationsAlarm (4) Package: tdmequipment Raised on class: tdmequipment.DS1E1ChannelSpecifics	Severity: major Implicitly cleared: true Default probable cause: farEndLoopback (102)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when an NE reports that a specific DS1 or E1 channel has a remote loopback alarm condition.		
Raising condition: (('Outstanding Alarms'anyBit'Far end wants the near end to loopback') AND ('Report Alarms'anyBit'Far end wants the near end to loopback'))		
Clearing condition: NOT (('Outstanding Alarms'anyBit'Far end wants the near end to loopback') AND ('Report Alarms'anyBit'Far end wants the near end to loopback'))		

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Alarm	Attributes	Applicable major releases
Remedial action: Informational only.		

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Table 18-96 DS1E1LossOfSignal

Alarm	Attributes	Applicable major releases
Name: DS1E1LossOfSignal (124) Type: communicationsAlarm (4) Package: tdmequipment Raised on class: tdmequipment.DS1E1ChannelSpecifics	Severity: major Implicitly cleared: true Default probable cause: lossOfSignal (99)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when an NE reports that a specific DS1 or E1 channel has an LOS alarm condition.		
Raising condition: (('Outstanding Alarms'anyBit'Loss of Signal') AND ('Report Alarms'anyBit'Loss of Signal'))		
Clearing condition: NOT (('Outstanding Alarms'anyBit'Loss of Signal') AND ('Report Alarms'anyBit'Loss of Signal'))		
Remedial action: Informational only.		

Table 18-97 DS1E1OutOfFrame

Alarm	Attributes	Applicable major releases
Name: DS1E1OutOfFrame (125) Type: communicationsAlarm (4) Package: tdmequipment Raised on class: tdmequipment.DS1E1ChannelSpecifics	Severity: major Implicitly cleared: true Default probable cause: outOfFrame (100)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when an NE reports that a specific DS1 or E1 channel has an OOF alarm condition.		
Raising condition: (('Outstanding Alarms'anyBit'Out Of Frame') AND ('Report Alarms'anyBit'Out Of Frame'))		
Clearing condition: NOT (('Outstanding Alarms'anyBit'Out Of Frame') AND ('Report Alarms'anyBit'Out Of Frame'))		
Remedial action: Informational only.		

Table 18-98 DS1E1ResourceAvailabilityIndicator

Alarm	Attributes	Applicable major releases
Name: DS1E1ResourceAvailabilityIndicator (114) Type: communicationsAlarm (4) Package: tdmequipment Raised on class: tdmequipment.DS1E1ChannelSpecifics	Severity: major Implicitly cleared: true Default probable cause: resourceAvailabilityIndicator (98)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0

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Alarm	Attributes	Applicable major releases
Description: The alarm is raised when an NE reports that a specific DS1 or E1 channel has an RAI alarm condition.		
Raising condition: (('Outstanding Alarms'anyBit'Resource Availability Indicator') AND ('Report Alarms'anyBit'Resource Availability Indicator'))		
Clearing condition: NOT (('Outstanding Alarms'anyBit'Resource Availability Indicator') AND ('Report Alarms'anyBit'Resource Availability Indicator'))		
Remedial action: Informational only.		

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Table 18-99 DS1E1SignalDegradation

Alarm	Attributes	Applicable major releases
Name: DS1E1SignalDegradation (500) Type: communicationsAlarm (4) Package: tdmequipment Raised on class: tdmequipment.DS1E1ChannelSpecifics	Severity: major Implicitly cleared: true Default probable cause: signalDegradation (386)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when an NE reports that a specific DS1 or E1 channel has an SD alarm condition.		
Raising condition: (('Outstanding Alarms'anyBit'Signal Degradation') AND ('Report Alarms'anyBit'Signal Degradation'))		
Clearing condition: NOT (('Outstanding Alarms'anyBit'Signal Degradation') AND ('Report Alarms'anyBit'Signal Degradation'))		
Remedial action: Informational only.		

Table 18-100 DS1E1SignalFailure

Alarm	Attributes	Applicable major releases
Name: DS1E1SignalFailure (501) Type: communicationsAlarm (4) Package: tdmequipment Raised on class: tdmequipment.DS1E1ChannelSpecifics	Severity: major Implicitly cleared: true Default probable cause: signalFailure (387)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when an NE reports that a specific DS1 or E1 channel has an SF alarm condition.		
Raising condition: (('Outstanding Alarms'anyBit'Signal Failure') AND ('Report Alarms'anyBit'Signal Failure'))		
Clearing condition: NOT (('Outstanding Alarms'anyBit'Signal Failure') AND ('Report Alarms'anyBit'Signal Failure'))		
Remedial action: Informational only.		

Table 18-101 DS3E3AlarmIndicationSignal

Alarm	Attributes	Applicable major releases
Name: DS3E3AlarmIndicationSignal (115) Type: communicationsAlarm (4) Package: tdmequipment Raised on class: tdmequipment.DS3E3ChannelSpecifics	Severity: major Implicitly cleared: true Default probable cause: alarmIndicationSignal (96)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when an NE reports that a specific DS3 or E3 channel has an AIS alarm condition.		
Raising condition: (('Outstanding Alarms'anyBit'Alarm Indication Signal') AND ('Report Alarms'anyBit'Alarm Indication Signal'))		
Clearing condition: NOT (('Outstanding Alarms'anyBit'Alarm Indication Signal') AND ('Report Alarms'anyBit'Alarm Indication Signal'))		
Remedial action: Informational only.		

Table 18-102 DS3E3Looped

Alarm	Attributes	Applicable major releases
Name: DS3E3Looped (120) Type: communicationsAlarm (4) Package: tdmequipment Raised on class: tdmequipment.DS3E3ChannelSpecifics	Severity: major Implicitly cleared: true Default probable cause: farEndLoopback (102)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when an NE reports that a specific DS3 or E3 channel has a remote loopback alarm condition.		
Raising condition: (('Outstanding Alarms'anyBit'Far end wants the near end to loopback') AND ('Report Alarms'anyBit'Far end wants the near end to loopback'))		
Clearing condition: NOT (('Outstanding Alarms'anyBit'Far end wants the near end to loopback') AND ('Report Alarms'anyBit'Far end wants the near end to loopback'))		
Remedial action: Informational only.		

Table 18-103 DS3E3LossOfSignal

Alarm	Attributes	Applicable major releases
Name: DS3E3LossOfSignal (116) Type: communicationsAlarm (4) Package: tdmequipment Raised on class: tdmequipment.DS3E3ChannelSpecifics	Severity: major Implicitly cleared: true Default probable cause: lossOfSignal (99)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when an NE reports that a specific DS3 or E3 channel has an LOS alarm condition.		
Raising condition: (('Outstanding Alarms'anyBit'Loss of Signal') AND ('Report Alarms'anyBit'Loss of Signal'))		
Clearing condition: NOT (('Outstanding Alarms'anyBit'Loss of Signal') AND ('Report Alarms'anyBit'Loss of Signal'))		

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Alarm	Attributes	Applicable major releases
Remedial action: Informational only.		

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Table 18-104 DS3E3OutOfFrame

Alarm	Attributes	Applicable major releases
Name: DS3E3OutOfFrame (117) Type: communicationsAlarm (4) Package: tdmequipment Raised on class: tdmequipment.DS3E3ChannelSpecifics	Severity: major Implicitly cleared: true Default probable cause: outOfFrame (100)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when an NE reports that a specific DS3 or E3 channel has an OOF alarm condition.		
Raising condition: (('Outstanding Alarms'anyBit'Out Of Frame') AND ('Report Alarms'anyBit'Out Of Frame'))		
Clearing condition: NOT (('Outstanding Alarms'anyBit'Out Of Frame') AND ('Report Alarms'anyBit'Out Of Frame'))		
Remedial action: Informational only.		

Table 18-105 DS3E3ResourceAvailability

Alarm	Attributes	Applicable major releases
Name: DS3E3ResourceAvailability (119) Type: communicationsAlarm (4) Package: tdmequipment Raised on class: tdmequipment.DS3E3ChannelSpecifics	Severity: major Implicitly cleared: true Default probable cause: resourceAvailabilityIndicator (98)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when an NE reports that a specific DS3 or E3 channel has an RAI alarm condition.		
Raising condition: (('Outstanding Alarms'anyBit'Resource Availability Indicator') AND ('Report Alarms'anyBit'Resource Availability Indicator'))		
Clearing condition: NOT (('Outstanding Alarms'anyBit'Resource Availability Indicator') AND ('Report Alarms'anyBit'Resource Availability Indicator'))		
Remedial action: Informational only.		

Table 18-106 EfmOamAlarm

Alarm	Attributes	Applicable major releases
Name: EfmOamAlarm (4617) Type: equipmentAlarm (3) Package: ethernetequipment Raised on class: ethernetequipment.Dot3Oam	Severity: minor Implicitly cleared: true Default probable cause: EFMOAMOperationalStateOutOfService (1886)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when EFM Ignore status is Enabled, and Physical port Administrative State is Down.		
Raising condition: ('Ignore EFM State' EQUAL 'true')		
Clearing condition: ('Ignore EFM State' EQUAL 'true')		
Remedial action: The alarm is raised when EFM Ignore status is Enabled, and Physical port Administrative State is Down.		

Table 18-107 EquipmentAdministrativelyDown

Alarm	Attributes	Applicable major releases
Name: EquipmentAdministrativelyDown (455) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.Equipment	Severity: minor Implicitly cleared: true Default probable cause: equipmentAdministrativelyDown (326)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when the compositeEquipmentState attribute has a value of equipmentAdministrativelyDown.		
Raising condition: ('compositeEquipmentState' EQUAL 'Admin Down')		
Clearing condition: ('compositeEquipmentState' NOT EQUAL 'Admin Down')		
Remedial action: Informational - no corrective action required.		

Table 18-108 EquipmentDegraded

Alarm	Attributes	Applicable major releases
Name: EquipmentDegraded (604) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.FanTray	Severity: minor Implicitly cleared: true Default probable cause: singleFanFailure (450)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when a single fan fails. The chassis attempts to continue operating within the normal temperature range using only the remaining fans.		
Raising condition: ('Device State' EQUAL 'MinorFailure')		
Clearing condition: ('Device State' NOT EQUAL 'MinorFailure')		
Remedial action: The failed fan unit should be replaced.		

Table 18-109 EquipmentDown

Alarm	Attributes	Applicable major releases
Name: EquipmentDown (10) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.Equipment	Severity: major Implicitly cleared: true Default probable cause: inoperableEquipment (8)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when the compositeEquipmentState attribute has a value of equipmentOperationallyDown.		
Raising condition: ('compositeEquipmentState' EQUAL 'Oper Down')		
Clearing condition: ('compositeEquipmentState' NOT EQUAL 'Oper Down')		
Remedial action: This alarm indicates that a card in the NE has failed. The card must be replaced.		

Table 18-110 EquipmentFailure

Alarm	Attributes	Applicable major releases
Name: EquipmentFailure (145) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.ReplaceableUnit	Severity: critical Implicitly cleared: true Default probable cause: cardFailure (123)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when a control processor or power-supply tray reports a failure. When the object type is ControlProcessor, a CPM may be unable to boot. When the object type is Power Supply Tray and the alarm is raised during device discovery, a power-supply tray may be out of service. When the object type is a Power Supply Tray and the device is in the managed state, a power-supply tray may be out of service or the AC power shelf has a fault condition. The alarm clears when the status changes to OK.		
Raising condition: ('operationalState' EQUAL 'Failed')		
Clearing condition: ('operationalState' NOT EQUAL 'Failed')		
Remedial action: If the alarm indicates that the CPM card has a fault, remove the card and reset it. If this does not clear the alarm then please contact Alcatel-Lucent support for assistance. If the alarm indicates that the Power Supply tray is out of service ensure that the NE is properly connected to power. If the problem persists please contact Alcatel-Lucent support for assistance.		

Table 18-111 EquipmentInTest

Alarm	Attributes	Applicable major releases
Name: EquipmentInTest (11) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.Equipment	Severity: warning Implicitly cleared: true Default probable cause: equipmentInTest (9)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when equipment enters a diagnostic state.		
Raising condition: ('compositeEquipmentState' EQUAL 'In Test')		
Clearing condition: ('compositeEquipmentState' NOT EQUAL 'In Test')		

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Alarm	Attributes	Applicable major releases
Remedial action: Informational - no corrective action required.		

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Table 18-112 EquipmentMismatch

Alarm	Attributes	Applicable major releases
Name: EquipmentMismatch (9) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.Equipment	Severity: major Implicitly cleared: true Default probable cause: equipmentTypeMismatch (7)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when the compositeEquipmentState attribute has a value of equipmentMismatch.		
Raising condition: ('compositeEquipmentState' EQUAL 'Type Mismatch')		
Clearing condition: ('compositeEquipmentState' NOT EQUAL 'Type Mismatch')		
Remedial action: A configuration error has occurred which must be corrected. The card type configured for the slot identified in the alarm must match the installed card type.		

Table 18-113 EquipmentRemoved

Alarm	Attributes	Applicable major releases
Name: EquipmentRemoved (8) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.Equipment	Severity: major Implicitly cleared: true Default probable cause: replaceableEquipmentRemoved (6)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when the compositeEquipmentState attribute has a value of equipmentMissing.		
Raising condition: (((('isEquipped' EQUAL 'false') OR ('compositeEquipmentState' EQUAL 'Removed')) AND ('isEquipmentInserted' EQUAL 'true'))		
Clearing condition: (('compositeEquipmentState' NOT EQUAL 'Removed') AND ('isEquipped' EQUAL 'true'))		
Remedial action: Informational - this alarm is raised when a card is removed.		

Table 18-114 EthCSF

Alarm	Attributes	Applicable major releases
Name: EthCSF (3721) Type: oamAlarm (18) Package: ethernetOam Raised on class: ethernetOam.Mep	Severity: variable Implicitly cleared: true Default probable cause: EthCSF (1459)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0

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Alarm	Attributes	Applicable major releases
Description: The alarm is raised when a MEP receives a CCM frame with an interface status TLV of 'Down'.		
Remedial action: This alarm is raised when a MEP receives a CCM frame with an interface status TLV of Down.		

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Table 18-115 EthernetPortConfiguredLoopback

Alarm	Attributes	Applicable major releases
Name: EthernetPortConfiguredLoopback (801) Type: configurationAlarm (11) Package: ethernetequipment Raised on class: ethernetequipment.EthernetPortSpecifics	Severity: warning Implicitly cleared: true Default probable cause: ethernetPortConfiguredLoopback (567)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when a timed loopback is in effect for an Ethernet port.		
Raising condition: (('Type' NOT EQUAL 'None'))		
Clearing condition: (('Type' EQUAL 'None'))		
Remedial action: This alarm has been raised by the node because "Timed Loopback" option of the specific port's Ethernet property has been enabled. To resolve this problem from "Ethernet" tab of "Physical Port" properties form configure "Timed Loopback" Type property as "None".		

Table 18-116 EthernetPortDuplicateLane

Alarm	Attributes	Applicable major releases
Name: EthernetPortDuplicateLane (3557) Type: communicationsAlarm (4) Package: ethernetequipment Raised on class: ethernetequipment.EthernetPortSpecifics	Severity: major Implicitly cleared: true Default probable cause: DuplicateLane (1387)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when a device reports a Duplicate Lane on an Ethernet port.		
Raising condition: (('Outstanding Alarms'anyBit'Duplicate Lane') AND ('Report Alarms'anyBit'Duplicate Lane'))		
Clearing condition: NOT (('Outstanding Alarms'anyBit'Duplicate Lane') AND ('Report Alarms'anyBit'Duplicate Lane'))		
Remedial action: One of the following conditions exists on the referenced physical interface which must be corrected. A cable/fiber fault exists which must be corrected - check to ensure that the cable is not faulty and is properly connected. The port is faulty - run diagnostics on the port to determine the nature of the fault. If the problem cannot be resolved swap the card containing the port with a card which is known be functional.		

Table 18-117 EthernetPortHighBer

Alarm	Attributes	Applicable major releases
Name: EthernetPortHighBer (307) Type: communicationsAlarm (4) Package: ethernetequipment Raised on class: ethernetequipment.EthernetPortSpecifics	Severity: major Implicitly cleared: true Default probable cause: HighBer (238)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when a device reports a high bit-error rate on an Ethernet port.		
Raising condition: (('Outstanding Alarms'anyBit'High Bit Error Rate') AND ('Report Alarms'anyBit'High Bit Error Rate'))		
Clearing condition: NOT (('Outstanding Alarms'anyBit'High Bit Error Rate') AND ('Report Alarms'anyBit'High Bit Error Rate'))		
Remedial action: One of the following conditions exists on the physical interface which must be corrected. A cable/fiber fault exists which must be corrected - check to ensure that the cable is not faulty and is properly connected. The port is faulty - run diagnostics on the port to determine the nature of the fault.		

Table 18-118 EthernetPortLocalFault

Alarm	Attributes	Applicable major releases
Name: EthernetPortLocalFault (305) Type: communicationsAlarm (4) Package: ethernetequipment Raised on class: ethernetequipment.EthernetPortSpecifics	Severity: major Implicitly cleared: true Default probable cause: LocalFault (236)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when a device reports a local fault on an Ethernet port.		
Raising condition: (('Outstanding Alarms'anyBit'Local Fault') AND ('Report Alarms'anyBit'Local Fault'))		
Clearing condition: NOT (('Outstanding Alarms'anyBit'Local Fault') AND ('Report Alarms'anyBit'Local Fault'))		
Remedial action: One of the following conditions exists on the physical interface which must be corrected. A cable/fiber fault exists which must be corrected - check to ensure that the cable is not faulty and is properly connected. The port is faulty - run diagnostics on the port to determine the nature of the fault.		

Table 18-119 EthernetPortNoAmLock

Alarm	Attributes	Applicable major releases
Name: EthernetPortNoAmLock (3558) Type: communicationsAlarm (4) Package: ethernetequipment Raised on class: ethernetequipment.EthernetPortSpecifics	Severity: major Implicitly cleared: true Default probable cause: NoAmLock (1388)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when a device reports a No Am Lock on an Ethernet port.		
Raising condition: (('Outstanding Alarms'anyBit'No AM Lock') AND ('Report Alarms'anyBit'No AM Lock'))		

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Alarm	Attributes	Applicable major releases
Clearing condition: NOT (('Outstanding Alarms'anyBit'No AM Lock') AND ('Report Alarms'anyBit'No AM Lock'))		
Remedial action: One of the following conditions exists on the referenced physical interface which must be corrected. A cable/fiber fault exists which must be corrected - check to ensure that the cable is not faulty and is properly connected. The port is faulty - run diagnostics on the port to determine the nature of the fault. If the problem cannot be resolved swap the card containing the port with a card which is known be functional.		

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Table 18-120 EthernetPortNoBlockLock

Alarm	Attributes	Applicable major releases
Name: EthernetPortNoBlockLock (3559) Type: communicationsAlarm (4) Package: ethernetequipment Raised on class: ethernetequipment.EthernetPortSpecifics	Severity: major Implicitly cleared: true Default probable cause: NoBlockLock (1389)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when a device reports a No Block Lock on an Ethernet port.		
Raising condition: (('Outstanding Alarms'anyBit'No Block Lock') AND ('Report Alarms'anyBit'No Block Lock'))		
Clearing condition: NOT (('Outstanding Alarms'anyBit'No Block Lock') AND ('Report Alarms'anyBit'No Block Lock'))		
Remedial action: One of the following conditions exists on the referenced physical interface which must be corrected. A cable/fiber fault exists which must be corrected - check to ensure that the cable is not faulty and is properly connected. The port is faulty - run diagnostics on the port to determine the nature of the fault. If the problem cannot be resolved swap the card containing the port with a card which is known be functional.		

Table 18-121 EthernetPortNoFrameLock

Alarm	Attributes	Applicable major releases
Name: EthernetPortNoFrameLock (306) Type: communicationsAlarm (4) Package: ethernetequipment Raised on class: ethernetequipment.EthernetPortSpecifics	Severity: major Implicitly cleared: true Default probable cause: NoFrameLock (237)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when a device reports No Frame Lock on an Ethernet port.		
Raising condition: (('Outstanding Alarms'anyBit'No Frame Lock') AND ('Report Alarms'anyBit'No Frame Lock'))		
Clearing condition: NOT (('Outstanding Alarms'anyBit'No Frame Lock') AND ('Report Alarms'anyBit'No Frame Lock'))		
Remedial action: One of the following conditions exists on the physical interface which must be corrected. A cable/fiber fault exists which must be corrected - check to ensure that the cable is not faulty and is properly connected. The port is faulty - run diagnostics on the port to determine the nature of the fault.		

Table 18-122 EthernetPortRemoteFault

Alarm	Attributes	Applicable major releases
Name: EthernetPortRemoteFault (304) Type: communicationsAlarm (4) Package: ethernetequipment Raised on class: ethernetequipment.EthernetPortSpecifics	Severity: major Implicitly cleared: true Default probable cause: RemoteFault (235)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when a device reports a remote fault on an Ethernet port.		
Raising condition: (('Outstanding Alarms'anyBit'Remote Fault') AND ('Report Alarms'anyBit'Remote Fault'))		
Clearing condition: NOT (('Outstanding Alarms'anyBit'Remote Fault') AND ('Report Alarms'anyBit'Remote Fault'))		
Remedial action: One of the following conditions exists on the remote physical interface which must be corrected. A cable/fiber fault exists which must be corrected - check to ensure that the cable is not faulty and is properly connected. The port is faulty - run diagnostics on the port to determine the nature of the fault.		

Table 18-123 EthernetPortSignalFailure

Alarm	Attributes	Applicable major releases
Name: EthernetPortSignalFailure (303) Type: communicationsAlarm (4) Package: ethernetequipment Raised on class: ethernetequipment.EthernetPortSpecifics	Severity: major Implicitly cleared: true Default probable cause: SignalFailure (234)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when a device reports a signal failure on an Ethernet port.		
Raising condition: (('Outstanding Alarms'anyBit'Signal Failure') AND ('Report Alarms'anyBit'Signal Failure'))		
Clearing condition: NOT (('Outstanding Alarms'anyBit'Signal Failure') AND ('Report Alarms'anyBit'Signal Failure'))		
Remedial action: One of the following conditions exists on the physical interface which must be corrected. A cable/fiber fault exists which must be corrected - check to ensure that the cable is not faulty and is properly connected. The port is faulty - run diagnostics on the port to determine the nature of the fault.		

Table 18-124 ExternalTimingReferenceNotQualified

Alarm	Attributes	Applicable major releases
Name: ExternalTimingReferenceNotQualified (548) Type: communicationsAlarm (4) Package: sonet Raised on class: sonet.SiteSync	Severity: minor Implicitly cleared: true Default probable cause: timingReferenceNotQualified (418)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when the External timing reference on an NE is not in the Qualified state.		
Raising condition: (('Qualified For Use' EQUAL 'Not Qualified') AND ('Administrative State' NOT EQUAL 'Down'))		
Clearing condition: (('Qualified For Use' NOT EQUAL 'Not Qualified') OR ('Administrative State' EQUAL 'Down'))		

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Alarm	Attributes	Applicable major releases
Remedial action: Informational		

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Table 18-125 FanFailure

Alarm	Attributes	Applicable major releases
Name: FanFailure (624) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.FanTray	Severity: critical Implicitly cleared: true Default probable cause: fanFailure (116)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when the associated fan is not operationally Up.		
Raising condition: (('Device State' EQUAL 'Failed') OR ('Device State' EQUAL 'Unknown') OR ('Device State' EQUAL 'OutOfservice'))		
Clearing condition: ('Device State' EQUAL 'OK')		
Remedial action: Remove and reset the fan unit. If this does not resolve the problem replace the fan.		

Table 18-126 FanTrayRemoved

Alarm	Attributes	Applicable major releases
Name: FanTrayRemoved (569) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.FanTray	Severity: critical Implicitly cleared: true Default probable cause: FanTrayRemoved (438)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when the deviceState attribute has a value of deviceNotEquipped.		
Raising condition: ('Device State' EQUAL 'Not Equipped')		
Clearing condition: ('Device State' NOT EQUAL 'Not Equipped')		
Remedial action: Informational - a fan tray has been removed from the NE.		

Table 18-127 ForwardingTableSizeLimitReached

Alarm	Attributes	Applicable major releases
Name: ForwardingTableSizeLimitReached (164) Type: resourceAlarm (28) Package: I2fwd Raised on class: I2fwd.SiteFib	Severity: major Implicitly cleared: true Default probable cause: resourceLimitReached (131)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0

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Alarm	Attributes	Applicable major releases
Description: The alarm is raised when the number of MAC address entries in the FIB reaches or exceeds the VPLS site high watermark specified by I2fwd.SiteFib.highWatermark. The alarm clears when the number of MAC address entries in the FIB drops below the VPLS site low watermark specified by I2fwd.SiteFib.lowWatermark. The alarm can be raised against a VPLS site, L2 access interface, or spoke SDP binding.		
Raising condition: (('Entries' >= 'Size') OR ('Entries' >= (('High Watermark' * 'Size') / 100.0)))"		
Clearing condition: (('Entries' < 'Size') AND (('High Watermark' EQUAL '0L') OR ('Entries' < (('Low Watermark' * 'Size') / 100.0))) AND (('Low Watermark' EQUAL '0L') OR ('Entries' < (('Low Watermark' * 'Size') / 100.0)))		
Remedial action: Informational		

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Table 18-128 FrameSizeProblem (netw)

Alarm	Attributes	Applicable major releases
Name: FrameSizeProblem (37) Type: configurationAlarm (11) Package: netw Raised on class: netw.StatefullConnectableInterface	Severity: critical Implicitly cleared: true Default probable cause: frameSizeProblem (33)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when a provisioned MTU size value is greater than the supported MTU size value.		
Raising condition: (('mtuMismatch' EQUAL 'true') AND ('portId' NOT EQUAL '0L'))		
Clearing condition: (('mtuMismatch' EQUAL 'false') OR ('portId' EQUAL '0L'))		
Remedial action: A configuration error has been made which must be corrected. The MTU value must be changed such that is less than or equal to the supported MTU size value.		

Table 18-129 FrameSizeProblem (svt)

Alarm	Attributes	Applicable major releases
Name: FrameSizeProblem (37) Type: configurationAlarm (11) Package: svt Raised on class: svt.SdpBinding	Severity: critical Implicitly cleared: true Default probable cause: frameSizeProblem (33)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when a provisioned MTU size value is greater than the supported MTU size value.		
Raising condition: (('Operational State' EQUAL 'MTU Mismatch') OR ('Operational State' EQUAL 'Tunnel MTU Too Small'))		
Clearing condition: (('Operational State' NOT EQUAL 'MTU Mismatch') AND ('Operational State' NOT EQUAL 'Tunnel MTU Too Small'))		
Remedial action: The MTU value must be changed such that is is less than or equal to the supported MTU size value.		

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Table 18-130 GaPeerDown

Alarm	Attributes	Applicable major releases
Name: GaPeerDown (3303) Type: EpcAlarm (59) Package: Iteggnsn Raised on class: Iteggnsn.GaPeer	Severity: major Implicitly cleared: true Default probable cause: EPSPeerDown (602)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when the path management state of a Ga peer changes to a state other than Up.		
Raising condition: ('Path Management State' NOT EQUAL 'Active')		
Clearing condition: ('Path Management State' EQUAL 'Active')		
Remedial action: A Ga reference point (peer) is operationally down for one of the following reasons: the underlying IP or physical interface is down, the far end peer is down or the underlying transport between this NE and the peer NE is down. To resolve the issue ensure that the IP/physical interface is up, check that the far end peer is operational and check that the underlying transport network is up.		

Table 18-131 GRE TunnelDown

Alarm	Attributes	Applicable major releases
Name: GRE TunnelDown (3326) Type: serviceAlarm (16) Package: svt Raised on class: svt.GRE Tunnel	Severity: major Implicitly cleared: true Default probable cause: tunnelDown (23)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when the IP/GRE tunnel Operational State changes to Down and the Administrative State is Up.		
Raising condition: (('Operational State' NOT EQUAL 'Up') AND ('Administrative State' EQUAL 'Up'))		
Clearing condition: (('Operational State' EQUAL 'Up') OR ('Administrative State' NOT EQUAL 'Up'))		
Remedial action: The situation may occur if the underlying physical port is down either because of administrative disabling or a fault on the port or due to a cable connection or cable failure. This alarm will also be raised if the underlying transport network fails or is unreliable.		

Table 18-132 GroupDown

Alarm	Attributes	Applicable major releases
Name: GroupDown (69) Type: ProtocolAlarm (1) Package: rip Raised on class: rip.Group	Severity: critical Implicitly cleared: true Default probable cause: protocolDown (1)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when a RIP group has an Operational State other than Up, and the Administrative State is Up.		
Raising condition: (('administrativeState' EQUAL 'Up') AND ('operationalState' NOT EQUAL 'Up'))		
Clearing condition: (('operationalState' EQUAL 'Up') OR ('administrativeState' NOT EQUAL 'Up'))		

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Alarm	Attributes	Applicable major releases
Remedial action: The RIP Group is down while it is administratively up. Please check RIP related configuration e.g., the RIP is not shutdown.		

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Table 18-133 GroupInterfaceDown

Alarm	Attributes	Applicable major releases
Name: GroupInterfaceDown (441) Type: GroupInterfaceAlarm (44) Package: service Raised on class: service.GroupInterface	Severity: critical Implicitly cleared: true Default probable cause: interfaceDown (32)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when the 5620 SAM detects that a group interface is operationally down. The alarm clears when the group interface is operationally up.		
Raising condition: ('operationalState' NOT EQUAL 'Up')		
Clearing condition: ('operationalState' EQUAL 'Up')		
Remedial action: Check the configuration and the underlying physical interface.		

Table 18-134 IGHMisconfigured

Alarm	Attributes	Applicable major releases
Name: IGHMisconfigured (827) Type: ighAlarm (74) Package: igh Raised on class: igh.InterfaceGroupHandler	Severity: major Implicitly cleared: true Default probable cause: IGHProtocolMismatch (590)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when the IGH is administratively up but none of the IGH protocols is operationally up.		
Raising condition: (('igh_misconfigured' EQUAL "\"yes\"") AND ('Administrative State' EQUAL 'Up'))		
Clearing condition: (('igh_misconfigured' NOT EQUAL "\"yes\"") OR ('Administrative State' NOT EQUAL 'Up'))		
Remedial action: Please check the configuration.		

Table 18-135 IcmpDown

Alarm	Attributes	Applicable major releases
Name: IcmpDown (158) Type: ProtocolAlarm (1) Package: icmp Raised on class: icmp.Site	Severity: critical Implicitly cleared: true Default probable cause: protocolDown (1)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0

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Alarm	Attributes	Applicable major releases
Description: The alarm is raised when an IGMP site has an Operational State other than Up, and the Administrative State is Up.		
Raising condition: (('Administrative State' EQUAL 'Up') AND ('Operational State' NOT EQUAL 'Up'))		
Clearing condition: (('Operational State' EQUAL 'Up') OR ('Administrative State' NOT EQUAL 'Up'))		
Remedial action: While configured under VPRN, check if VPRN site is admin down, or if route distinguisher is not configured.		

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Table 18-136 IgmpMaxGrpSrcsLimitExceeded

Alarm	Attributes	Applicable major releases
Name: IgmpMaxGrpSrcsLimitExceeded (4624) Type: configurationAlarm (11) Package: igmp Raised on class: igmp.Interface	Severity: major Implicitly cleared: false Default probable cause: IgmpMaxGrpSrcsLimitExceeded (1892)	<ul style="list-style-type: none"> • 11.0 • 12.0
Description: The alarm is raised when an attempt is made to configure an IGMP group source for a group when the number of group sources for this group is equal to 'maxGrpSources', the maximum number of group sources per group supported on the interface.		
Remedial action: Needs to increase 'maxGrpSources' value to allow more sources on this interface.		

Table 18-137 IgmpMaxSrcsLimitExceeded

Alarm	Attributes	Applicable major releases
Name: IgmpMaxSrcsLimitExceeded (3742) Type: configurationAlarm (11) Package: igmp Raised on class: igmp.Interface	Severity: major Implicitly cleared: false Default probable cause: IgmpMaxSrcsLimitExceeded (1477)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0
Description: The alarm is raised when an attempt is made to configure an IGMP source for a group when the number of sources for this group is equal to 'maxSources', the maximum number of sources per group supported on the interface.		
Remedial action: Needs to increase 'maxSources' value to allow more sources on this interface.		

Table 18-138 IncompleteConfig (multichassis)

Alarm	Attributes	Applicable major releases
Name: IncompleteConfig (294) Type: configurationAlarm (11) Package: multichassis Raised on classes: <ul style="list-style-type: none"> • multichassis.MultiChassisSync • multichassis.MultiChassisLagMember 	Severity: major Implicitly cleared: true Default probable cause: incompleteConfig (225)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0

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Alarm	Attributes	Applicable major releases
Description: The alarm is raised when a peer configuration cannot be found on the peer NE.		
Raising condition: ('mLagPointer' EQUAL '\')		
Clearing condition: ('mLagPointer' NOT EQUAL '\')		
Remedial action: Configure the missing peered object.		

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Table 18-139 IncompleteConfiguration

Alarm	Attributes	Applicable major releases
Name: IncompleteConfiguration (1942) Type: operationalViolation (93) Package: netw Raised on class: netw.NetworkElement	Severity: warning Implicitly cleared: true Default probable cause: incompleteConfig (225)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when a pre-provisioned NE has no objects configured beneath it.		
Raising condition: (('State' EQUAL 'Pre-provisioned') AND ('eNodeB Equipment' EQUAL '\'))		
Clearing condition: (('State' EQUAL 'Pre-provisioned') AND ('eNodeB Equipment' NOT EQUAL '\'))		
Remedial action: A configuration error has been made which must be corrected. The configuration of the pre-provisioned NE is incomplete. A work order was not associated with the pre-provisioned NE and as a consequence the attempt to auto-configure the NE failed.		

Table 18-140 IncorrectEndPointPeerConfig

Alarm	Attributes	Applicable major releases
Name: IncorrectEndPointPeerConfig (1068) Type: configurationAlarm (11) Package: multichassis Raised on class: multichassis.MultiChassisEndpoint	Severity: major Implicitly cleared: true Default probable cause: incompleteEPPeerConfig (810)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when a peer configuration cannot be found on the peer NE.		
Raising condition: ('MC EndPoint Group Pointer' EQUAL '\')		
Clearing condition: ('MC EndPoint Group Pointer' NOT EQUAL '\')		
Remedial action: The peered object cannot be found on the peer NE. Either delete this one, or create the missing peer object.		

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Table 18-141 IncorrectNeighborConfig

Alarm	Attributes	Applicable major releases
Name: IncorrectNeighborConfig (609) Type: configurationAlarm (11) Package: aps Raised on class: aps.ApsGroup	Severity: major Implicitly cleared: true Default probable cause: incorrectNeighborConfig (452)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when the peer does not exist or the neighbor address does not point to a network interface on the NE that contains the peer object.		
Raising condition: (('Type' EQUAL 'MultiChassis') AND ('Neighbor match' EQUAL 'false'))		
Clearing condition: (('Type' EQUAL 'SingleChassis') OR ('Neighbor match' EQUAL 'true'))		
Remedial action: Make sure a peer exist and the neighbor address points to a network interface on the NE that contains the peer object.		

Table 18-142 IncorrectPeerConfig

Alarm	Attributes	Applicable major releases
Name: IncorrectPeerConfig (779) Type: configurationAlarm (11) Package: multichassis Raised on class: multichassis.AbstractPeer	Severity: major Implicitly cleared: true Default probable cause: IncorrectPeerConfig (554)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when an MC peer does not exist, or when an MC peer exists but the peer address is not the address of a network interface on the peer.		
Raising condition: ('peerMatchFound' EQUAL 'false')		
Clearing condition: ('peerMatchFound' EQUAL 'true')		
Remedial action: The peer configuration cannot be found on the peer NE. Either delete this one, or create the missing peer object.		

Table 18-143 IncorrectPeerSynchronizationPortConfig

Alarm	Attributes	Applicable major releases
Name: IncorrectPeerSynchronizationPortConfig (780) Type: configurationAlarm (11) Package: multichassis Raised on class: multichassis.PeerSynchronizationPort	Severity: major Implicitly cleared: true Default probable cause: IncorrectPeerSynchronizationPortConfig (555)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when the peer port does not exist, or when the peer port exists but the synchronization tags of the peers do not match.		
Raising condition: ('peerMatchFound' EQUAL 'false')		
Clearing condition: ('peerMatchFound' EQUAL 'true')		

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Alarm	Attributes	Applicable major releases
Remedial action: Check if the peer port does not exist, or the peer port exists but the synchronization tags do not match.		

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Table 18-144 IncorrectPeerSynchronizationPortEncapRangeConfig

Alarm	Attributes	Applicable major releases
Name: IncorrectPeerSynchronizationPortEncapRangeConfig (781) Type: configurationAlarm (11) Package: multichassis Raised on class: multichassis.PeerSynchronizationPortEncapRange	Severity: major Implicitly cleared: true Default probable cause: IncorrectPeerSynchronizationPortEncapRangeConfig (556)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when the VLAN ranges on the Multi-Chassis synchronization peers do not match.		
Raising condition: ('Neighbor Match' EQUAL 'false')		
Clearing condition: ('Neighbor Match' EQUAL 'true')		
Remedial action: Update the VLAN ranges on the Multi-Chassis synchronization peers to make them matching.		

Table 18-145 InstanceDown (srrp)

Alarm	Attributes	Applicable major releases
Name: InstanceDown (284) Type: configurationAlarm (11) Package: srrp Raised on class: srrp.Instance	Severity: major Implicitly cleared: true Default probable cause: instanceDown (216)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when the 5620 SAM detects that an SRRP instance is operationally down.		
Raising condition: (('Administrative State' EQUAL 'Up') AND ('Operational State' EQUAL 'Initialize'))		
Clearing condition: (('Operational State' NOT EQUAL 'Initialize') OR ('Administrative State' NOT EQUAL 'Up'))		
Remedial action: Check the configuration of the instance		

Table 18-146 InstanceDown (vrrp)

Alarm	Attributes	Applicable major releases
Name: InstanceDown (284) Type: configurationAlarm (11) Package: vrrp Raised on class: vrrp.AbstractInstance	Severity: major Implicitly cleared: true Default probable cause: instanceDown (216)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0

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Alarm	Attributes	Applicable major releases
Description: The alarm is raised when the 5620 SAM detects that a VRRP instance is operationally down.		
Raising condition: (('Administrative State' EQUAL 'Up') AND ('Operational State' NOT EQUAL 'Up'))		
Clearing condition: (('Operational State' EQUAL 'Up') OR ('Administrative State' NOT EQUAL 'Up'))		
Remedial action: Check the instance configuration		

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Table 18-147 InterfaceDown (netw)

Alarm	Attributes	Applicable major releases
Name: InterfaceDown (36) Type: InterfaceAlarm (13) Package: netw Raised on class: netw.StatefullConnectableInterface	Severity: critical Implicitly cleared: true Default probable cause: interfaceDown (32)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when an interface or underlying resource fails, as indicated by an interface compositeState attribute value of failed or underlyingResourceFailed.		
Raising condition: (('compositeState' EQUAL 'Inoperable') OR ('compositeState' EQUAL 'Underlying Resource Inoperable'))		
Clearing condition: (('compositeState' NOT EQUAL 'Inoperable') AND ('compositeState' NOT EQUAL 'Underlying Resource Inoperable'))		
Remedial action: A physical port (physical interface, LAG, channel) associated with the network interface in not operation. Ensure that the interface is cabled and that there is not a configuration error (i.e. MTU size set incorrectly) on the interface. Once the issue w		

Table 18-148 InterfaceDown (service)

Alarm	Attributes	Applicable major releases
Name: InterfaceDown (36) Type: configurationAlarm (11) Package: service Raised on class: service.RedundantInterface	Severity: major Implicitly cleared: true Default probable cause: interfaceDown (32)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when the 5620 SAM detects that a redundant interface is operationally down.		
Raising condition: (('administrativeState' EQUAL 'Up') AND ('operationalState' NOT EQUAL 'Up'))		
Clearing condition: (('operationalState' EQUAL 'Up') OR ('administrativeState' NOT EQUAL 'Up'))		
Remedial action: A physical port (physical interface, LAG, channel) associated with the network interface in not operation. Ensure that the interface is cabled and that there is not a configuration error (i.e. MTU size set incorrectly) on the interface. Once the issue w		

Table 18-149 InterfaceDown (vpls)

Alarm	Attributes	Applicable major releases
Name: InterfaceDown (36) Type: configurationAlarm (11) Package: vpls Raised on class: vpls.L2ManagementInterface	Severity: major Implicitly cleared: true Default probable cause: interfaceDown (32)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when an L2 management interface has an Operational State of Down, and the associated VPLS site has an Administrative State of Up.		
Raising condition: (('administrativeState' EQUAL 'Up') AND ('operationalState' NOT EQUAL 'Up'))		
Clearing condition: (('operationalState' EQUAL 'Up') OR ('administrativeState' NOT EQUAL 'Up'))		
Remedial action: The condition exists because the physical interface is down either because it is administratively disabled, faulty or a cabling fault has occurred. Ensure that the interface is administratively up. Check for a poor cable connection to the port or for a faulty cable/fiber. If neither appears to be the problem run diagnostics on the port to determine if it is faulty.		

Table 18-150 InterfaceDown (vprn)

Alarm	Attributes	Applicable major releases
Name: InterfaceDown (36) Type: configurationAlarm (11) Package: vprn Raised on class: vprn.IPMirrorInterface	Severity: major Implicitly cleared: true Default probable cause: interfaceDown (32)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when the 5620 SAM detects that an interface is operationally down.		
Raising condition: (('administrativeState' EQUAL 'Up') AND ('operationalState' NOT EQUAL 'Up'))		
Clearing condition: (('operationalState' EQUAL 'Up') OR ('administrativeState' NOT EQUAL 'Up'))		
Remedial action: A physical port (physical interface, LAG, channel) associated with the network interface in not operation. Ensure that the interface is cabled and that there is not a configuration error (i.e. MTU size set incorrectly) on the interface. Once the issue w		

Table 18-151 InterfaceNeighborDown

Alarm	Attributes	Applicable major releases
Name: InterfaceNeighborDown (661) Type: NeighborDown (20) Package: ospf Raised on class: ospf.Interface	Severity: warning Implicitly cleared: true Default probable cause: NeighborDown (103)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when an interface neighbor is operationally down.		
Raising condition: (('Neighbor Count' EQUAL '0L') AND ('interfaceClass' NOT EQUAL 'System') AND ('Passive' NOT EQUAL 'true'))		
Clearing condition: (('Neighbor Count' NOT EQUAL '0L') OR ('Passive' EQUAL 'true'))		

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Alarm	Attributes	Applicable major releases
<p>Remedial action: This alarm is raised when the OSPF interface neighbor is operationally down. The situation may occur if the underlying physical interface is down either because of administrative disabling or a fault on the far end port or due to a cable connection or cable failure. This alarm will also be raised if the underlying transport network fails or is unreliable. Resolving the underlying instability in the transport network will correct this problem.</p>		

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Table 18-152 IOMEventOverflow

Alarm	Attributes	Applicable major releases
Name: IOMEventOverflow (5617) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.BaseCard	Severity: critical Implicitly cleared: true Default probable cause: IOMEventOverflow (2384)	<ul style="list-style-type: none"> 12.0
<p>Description: The alarm is generated when tmnxlomResStateClr, tmnxlomResExhausted and tmnxlomResHighLimitReached occur more than 200 times because of resource usage fluctuation. The IOM raises the final trap to indicate overflow and stops logging traps.</p>		
<p>Remedial action: Informational - The alarm will be cleared when the CPM polls the IOM for traps and the overflow is cleared by logging an overflow-clear on a particular card.</p>		

Table 18-153 IOMResUtilizationLimit

Alarm	Attributes	Applicable major releases
Name: IOMResUtilizationLimit (5618) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.BaseCard	Severity: major Implicitly cleared: true Default probable cause: IOMResHighLimitReached (2385) Applicable probable causes: <ul style="list-style-type: none"> IOMResHighLimitReached IOMResExhausted 	<ul style="list-style-type: none"> 12.0
<p>Description: The alarm is generated when the type of resources on IOM as specified by tmnxlomResourceType has reached the value of tmnxlomResourceLimitPct.</p>		
<p>Remedial action: Informational - The alarm will be cleared when the type of resources on IOM as specified by tmnxlomResourceType has dropped back down below the value of tmnxlomResourceLimitPct.</p>		

Table 18-154 IPSecGatewayDown

Alarm	Attributes	Applicable major releases
Name: IPSecGatewayDown (830) Type: serviceAlarm (16) Package: ipsec Raised on class: ipsec.IPSecGateway	Severity: major Implicitly cleared: true Default probable cause: gatewayDown (592)	<ul style="list-style-type: none"> 10.0 11.0 12.0 9.0

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Alarm	Attributes	Applicable major releases
Description: The alarm is raised when the Operational State of a SAP IPsec gateway changes to Down and the Administrative State is Up.		
Raising condition: (('Operational State' NOT EQUAL 'Up') AND ('Administrative State' EQUAL 'Up'))		
Clearing condition: (('Operational State' EQUAL 'Up') OR ('Administrative State' NOT EQUAL 'Up'))		
Remedial action: Fix the errors indicated in operational flag.		

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Table 18-155 IPSeclsGrpDown

Alarm	Attributes	Applicable major releases
Name: IPSeclsGrpDown (3745) Type: equipmentAlarm (3) Package: isa Raised on class: isa.IPSeclsGroup	Severity: major Implicitly cleared: true Default probable cause: IPSeclsGrpDown (1480)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when the Operational State of an ISA IPsec group is Down and the Administrative State is Up.		
Raising condition: (('administrativeState' EQUAL 'Up') AND ('operationalState' NOT EQUAL 'Up'))		
Clearing condition: (('operationalState' EQUAL 'Up') OR ('administrativeState' NOT EQUAL 'Up'))		
Remedial action: The operational state of the ISA-Tunnel Group is down, despite the administrative state being up. Check that the configured ISA-Tunnel Group Member MDA(s) are active and operationally up. There may be a fault with the ISA Application IPsec(Tunnel) Group.		

Table 18-156 IPsecTunnelBfdConnectionBroken

Alarm	Attributes	Applicable major releases
Name: IPsecTunnelBfdConnectionBroken (831) Type: serviceAlarm (16) Package: ipsec Raised on class: ipsec.IPsecTunnelBfd	Severity: minor Implicitly cleared: true Default probable cause: bfdSessionConnectionBroken (593)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when the BFD connection to a peer times out.		
Raising condition: ('Operational State' EQUAL 'Timed Out')		
Clearing condition: ('Operational State' NOT EQUAL 'Timed Out')		
Remedial action: Check if the route to the BFD peer exist and is up.		

Table 18-157 IPSecTunnelBfdConnectionDown

Alarm	Attributes	Applicable major releases
Name: IPSecTunnelBfdConnectionDown (832) Type: serviceAlarm (16) Package: ipsec Raised on class: ipsec.IPSecTunnelBfd	Severity: minor Implicitly cleared: true Default probable cause: bfdSessionDown (346)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when the Operational State of a BFD session is Not Connected.		
Raising condition: ('Operational State' NOT EQUAL 'Operational')		
Clearing condition: ('Operational State' EQUAL 'Operational')		
Remedial action: Check if the route to the BFD peer exist and is up.		

Table 18-158 IPSecTunnelBfdConnectionPeerDetectsDown

Alarm	Attributes	Applicable major releases
Name: IPSecTunnelBfdConnectionPeerDetectsDown (833) Type: serviceAlarm (16) Package: ipsec Raised on class: ipsec.IPSecTunnelBfd	Severity: minor Implicitly cleared: true Default probable cause: bfdSessionConnectionPeerDetectsDown (594)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when a BFD peer detects a connection timeout.		
Raising condition: ('Operational State' EQUAL 'Down')		
Clearing condition: ('Operational State' NOT EQUAL 'Down')		
Remedial action: Check if the route to the BFD peer exist and is up.		

Table 18-159 IPSecTunnelDown

Alarm	Attributes	Applicable major releases
Name: IPSecTunnelDown (834) Type: serviceAlarm (16) Package: ipsec Raised on class: ipsec.IPSecTunnel	Severity: major Implicitly cleared: true Default probable cause: tunnelDown (23)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when the IPsec tunnel operational state changes to 'down' and the administrative state is 'up'.		
Raising condition: (('Operational State' NOT EQUAL 'Up') AND ('Administrative State' EQUAL 'Up'))		
Clearing condition: (('Operational State' EQUAL 'Up') OR ('Administrative State' NOT EQUAL 'Up'))		
Remedial action: Fix the errors indicated in operational flag.		

Table 18-160 IsaAaGrpDown

Alarm	Attributes	Applicable major releases
Name: IsaAaGrpDown (647) Type: equipmentAlarm (3) Package: isa Raised on class: isa.AaGroup	Severity: major Implicitly cleared: true Default probable cause: IsaAaGrpDown (482)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when an ISA-AA group Operational State is Down, and the Administrative State is Up.		
Raising condition: (('Administrative State' EQUAL 'Up') AND ('Operational State' NOT EQUAL 'Up'))		
Clearing condition: (('Operational State' EQUAL 'Up') OR ('Administrative State' NOT EQUAL 'Up'))		
Remedial action: The operational state of the ISA-AA group is down, despite the administrative state being up. Check that the configured ISA-AA Group Member MDA(s) are active and operationally up. There may be a fault with the ISA Application Assurance MDA.		

Table 18-161 IsaAaSubUnassigned

Alarm	Attributes	Applicable major releases
Name: IsaAaSubUnassigned (836) Type: equipmentAlarm (3) Package: isa Raised on class: isa.AaGroup	Severity: warning Implicitly cleared: true Default probable cause: IsaAaSubUnassigned (596)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when a subscriber cannot be assigned to an ISA-AA MDA in an AA group because of insufficient service queues, a high AA subscriber count, or a high AA subscriber statistics collection rate. The unassigned subscriber is treated as specified by the Operation Upon Failure parameter in the AA group. Recovery from this condition requires the removal and recreation of the AA subscriber when sufficient resources are available.		
Raising condition: (('Number of Unassigned ESM Subscribers' NOT EQUAL '0L') OR ('Number of Unassigned SAP Subscribers' NOT EQUAL '0L') OR ('Number of Unassigned Spoke SDP Subscribers' NOT EQUAL '0L'))		
Clearing condition: (('Number of Unassigned ESM Subscribers' EQUAL '0L') AND ('Number of Unassigned SAP Subscribers' EQUAL '0L') AND ('Number of Unassigned Spoke SDP Subscribers' EQUAL '0L'))		
Remedial action: The subscriber cannot be assigned to an ISA-AA MDA in an AA group because of insufficient service queues, a high AA subscriber count, or a high AA subscriber statistics collection rate. Remove and recreate the AA subscriber when sufficient resources are available.		

Table 18-162 IsaLnsGrpDown

Alarm	Attributes	Applicable major releases
Name: IsaLnsGrpDown (1119) Type: equipmentAlarm (3) Package: isa Raised on class: isa.LnsGroup	Severity: major Implicitly cleared: true Default probable cause: IsaLnsGrpDown (831)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when the Operational State of an ISA-LNS group is Down and the Administrative State is Up.		

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Alarm	Attributes	Applicable major releases
Raising condition: (('Administrative State' EQUAL 'Up') AND ('Operational State' NOT EQUAL 'Up'))		
Clearing condition: (('Operational State' EQUAL 'Up') OR ('Administrative State' NOT EQUAL 'Up'))		
Remedial action: This alarm is caused by administrative shutdown or equipment failure of the MDA members. Review the status of the underlying ISA MDA group members and ensure they are operational.		

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Table 18-163 IsaVideoGrpDown

Alarm	Attributes	Applicable major releases
Name: IsaVideoGrpDown (775) Type: equipmentAlarm (3) Package: isa Raised on class: isa.VideoGroup	Severity: major Implicitly cleared: true Default probable cause: IsaVideoGrpDown (550)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when the Operational State of an ISA video group is Down and the Administrative State is Up.		
Raising condition: (('Administrative State' EQUAL 'Up') AND ('Operational State' NOT EQUAL 'Up'))		
Clearing condition: (('Operational State' EQUAL 'Up') OR ('Administrative State' NOT EQUAL 'Up'))		
Remedial action: The operational state of the ISA-Video Group is down, despite the administrative state being up. Check that the configured ISA-Video Group Member MDA(s) are active and operationally up. There may be a fault with the ISA Application Video Group.		

Table 18-164 IsisAdjacencyDown

Alarm	Attributes	Applicable major releases
Name: IsisAdjacencyDown (153) Type: adjacencyAlarm (31) Package: isis Raised on class: isis.Interface	Severity: minor Implicitly cleared: true Default probable cause: IsisInterfaceDown (232)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when an IS-IS interface has no adjacencies, for example, because the IS-IS protocol on the remote site is down.		
Raising condition: (('Adjacency Count' EQUAL '0L') AND ('interfaceClass' NOT EQUAL 'System') AND ('Passive' NOT EQUAL 'True'))		
Clearing condition: (('Adjacency Count' > '0L') OR ('Passive' EQUAL 'True'))		
Remedial action: Check remote site to see if corresponding IS-IS interface is configured and admin up.		

Table 18-165 IsisDown

Alarm	Attributes	Applicable major releases
Name: IsisDown (19) Type: ProtocolAlarm (1) Package: isis Raised on class: isis.Site	Severity: critical Implicitly cleared: true Default probable cause: protocolDown (1)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when an IS-IS site has an Operational State other than Up, and the Administrative State is Up.		
Raising condition: (('Administrative State' EQUAL 'Up') AND ('Operational State' NOT EQUAL 'Up'))		
Clearing condition: (('Operational State' EQUAL 'Up') OR ('Administrative State' NOT EQUAL 'Up'))		
Remedial action: The protocol is not working anymore, could be a problem with IP addresses, resources on the device, ...		

Table 18-166 IsisInterfaceDown

Alarm	Attributes	Applicable major releases
Name: IsisInterfaceDown (301) Type: ProtocolAlarm (1) Package: isis Raised on class: isis.Interface	Severity: warning Implicitly cleared: true Default probable cause: protocolDown (1)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when an IS-IS interface has an Operational State other than Up.		
Raising condition: ('Operational State' EQUAL 'Down')		
Clearing condition: ('Operational State' NOT EQUAL 'Down')		
Remedial action: Check if underlying port is down, or associated network interface is down.		

Table 18-167 KeepAliveProblem

Alarm	Attributes	Applicable major releases
Name: KeepAliveProblem (100) Type: oamAlarm (18) Package: svt Raised on class: svt.Tunnel	Severity: warning Implicitly cleared: true Default probable cause: keepAliveFailed (86)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when the 5620 SAM detects a keep-alive protocol status of senderIdInvalid or responderIdError.		
Raising condition: (('Keep-Alive State' NOT EQUAL 'Disabled') AND ('Keep-Alive State' NOT EQUAL 'Alive') AND ('Keep-Alive State' NOT EQUAL 'Unknown'))		
Clearing condition: (('Keep-Alive State' EQUAL 'Disabled') OR ('Keep-Alive State' EQUAL 'Alive') OR ('Keep-Alive State' EQUAL 'Unknown'))		
Remedial action: Check the configuration of this tunnel and underlying physical transport.		

Table 18-168 L2TPDown

Alarm	Attributes	Applicable major releases
Name: L2TPDown (841) Type: ProtocolAlarm (1) Package: l2tp Raised on class: l2tp.Site	Severity: critical Implicitly cleared: true Default probable cause: protocolDown (1)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when an L2TP site becomes administratively down. The alarm clears when the L2TP site becomes administratively up.		
Raising condition: ('Administrative State' EQUAL 'Down')		
Clearing condition: ('Administrative State' EQUAL 'Up')		
Remedial action: This alarm indicates that the L2TP protocol administrative state is down. It is cleared automatically when L2TP administrative state is up again. Please verify the L2TP configuration. This alarm can be safely suppressed if L2TP is not used.		

Table 18-169 LabelProblem

Alarm	Attributes	Applicable major releases
Name: LabelProblem (98) Type: CircuitAlarm (17) Package: svt Raised on class: svt.SdpBinding	Severity: critical Implicitly cleared: true Default probable cause: labelProblem (84)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when an ingress or an egress label is missing.		
Raising condition: (('Operational State' EQUAL 'No Egress Label') OR ('Operational State' EQUAL 'No Ingress Label') OR ('Operational State' EQUAL 'No Labels'))		
Clearing condition: (('Operational State' NOT EQUAL 'No Egress Label') AND ('Operational State' NOT EQUAL 'No Ingress Label') AND ('Operational State' NOT EQUAL 'No Labels'))		
Remedial action: An ingress or egress label is missing for the SDP binding.		

Table 18-170 LagDown

Alarm	Attributes	Applicable major releases
Name: LagDown (20) Type: equipmentAlarm (3) Package: lag Raised on class: lag.Interface	Severity: critical Implicitly cleared: true Default probable cause: lagDown (17)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when all ports in a LAG are operationally down.		
Raising condition: (('Administrative State' EQUAL 'Up') AND ('operationalState' NOT EQUAL 'Up'))		
Clearing condition: (('operationalState' EQUAL 'Up') OR ('Administrative State' NOT EQUAL 'Up'))		

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Alarm	Attributes	Applicable major releases
<p>Remedial action: This alarm indicates that all physical Ethernet links associated with a LAG are operationally down. The reasons for the links to be down may vary from link to link. The following possible causes of this alarm should be investigated. The physical port (near end or far end may have failed - this can be remedied by replacing the interface card in question. The physical links may have been turned down administratively - re-enable the links. A cable failure or disconnect may have occurred - please ensure that the cables are properly connected to the physical port and and that the cable has not been damaged.</p>		

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Table 18-171 LagPortAddFailed

Alarm	Attributes	Applicable major releases
Name: LagPortAddFailed (422) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.PhysicalPort	Severity: warning Implicitly cleared: true Default probable cause: linkDown (315)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
<p>Description: The alarm is raised when the Lag Port Add function Fails.</p>		
<p>Raising condition: (('state' EQUAL 'Link Down') AND ('LAG ID' > '0'))</p>		
<p>Clearing condition: (('state' NOT EQUAL 'Link Down') OR ('LAG ID' EQUAL '0'))</p>		
<p>Remedial action: A configuration error has occurred which must be corrected. The link that was to be added to the LAG group may be of the wrong type (i.e. non ethernet) or the limit of the number of links supported in a LAG may have been reached.</p>		

Table 18-172 LdpDown

Alarm	Attributes	Applicable major releases
Name: LdpDown (22) Type: ProtocolAlarm (1) Package: ldp Raised on class: ldp.Site	Severity: critical Implicitly cleared: true Default probable cause: protocolDown (1)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
<p>Description: The alarm is raised when an LDP site has an Operational State other than Up, and the Administrative State is Up.</p>		
<p>Raising condition: (('Administrative State' EQUAL 'Up') AND ('Operational State' NOT EQUAL 'Up'))</p>		
<p>Clearing condition: (('Operational State' EQUAL 'Up') OR ('Administrative State' NOT EQUAL 'Up'))</p>		
<p>Remedial action: Check operational state down reason and update accordingly.</p>		

Table 18-173 LdpSessionNonexistent

Alarm	Attributes	Applicable major releases
Name: LdpSessionNonexistent (2954) Type: LdpSessionAlarm (101) Package: ldp Raised on class: ldp.Session	Severity: critical Implicitly cleared: true Default probable cause: LdpSessionDown (1149)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when an LDP session is non-existent.		
Raising condition: ('Session State' EQUAL 'Non-existent')		
Clearing condition: ('Session State' EQUAL 'Operational')		
Remedial action: Please check the LDP session path to make sure all associated protocols/interfaces/connections are OK.		

Table 18-174 LdpTargetedPeerDown

Alarm	Attributes	Applicable major releases
Name: LdpTargetedPeerDown (23) Type: ProtocolAlarm (1) Package: ldp Raised on class: ldp.TargetedPeer	Severity: critical Implicitly cleared: true Default probable cause: protocolDown (1)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when an LDP targeted peer is operationally down.		
Raising condition: (('administrativeState' EQUAL 'Up') AND ('operationalState' NOT EQUAL 'Up'))		
Clearing condition: (('operationalState' EQUAL 'Up') OR ('administrativeState' NOT EQUAL 'Up'))		
Remedial action: Please check the route to LDP targeted peer to make sure all associated protocols/interfaces/connections are OK.		

Table 18-175 LicensedLimitExceeded

Alarm	Attributes	Applicable major releases
Name: LicensedLimitExceeded (127) Type: licensingAlarm (23) Package: security Raised on class: security.ProductLicense	Severity: critical Implicitly cleared: true Default probable cause: licensedLimitExceeded (106)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when the license items in the network exceeds 100 percent of the license capacity.		
Raising condition: ('Exceeded' EQUAL 'true')		
Clearing condition: ('Exceeded' NOT EQUAL 'true')		
Remedial action: Informational - The number of SAM licenses purchased and available on the SAM server is insufficient as compared to the number of NEs/MDA/Cells under management in the network. Please contact Alcatel-Lucent Sales to purchase additional licenses.		

Table 18-176 LineAlarmIndicationSignal

Alarm	Attributes	Applicable major releases
Name: LineAlarmIndicationSignal (84) Type: communicationsAlarm (4) Package: sonetequipment Raised on class: sonetequipment.SonetPortMonitorSpecifics	Severity: major Implicitly cleared: true Default probable cause: lineAlarmIndicationSignal (70)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when a SONET port reports an LAIS error. The alarm corresponds to the lais alarm on an NE.		
Raising condition: (('Outstanding Alarms'anyBit'Line Alarm Indication Signal') AND ('Report Alarms'anyBit'Line Alarm Indication Signal'))		
Clearing condition: NOT (('Outstanding Alarms'anyBit'Line Alarm Indication Signal') AND ('Report Alarms'anyBit'Line Alarm Indication Signal'))		
Remedial action: Informational only.		

Table 18-177 LineErrorCondition

Alarm	Attributes	Applicable major releases
Name: LineErrorCondition (94) Type: communicationsAlarm (4) Package: sonetequipment Raised on class: sonetequipment.SonetPortMonitorSpecifics	Severity: major Implicitly cleared: true Default probable cause: lineErrorCondition (80)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when a SONET port reports a line error condition that a remote NE raises because of b1 errors received from the local NE. The alarm corresponds to the lrei alarm on an NE.		
Raising condition: (('Outstanding Alarms'anyBit'Line Error Condition') AND ('Report Alarms'anyBit'Line Error Condition'))		
Clearing condition: NOT (('Outstanding Alarms'anyBit'Line Error Condition') AND ('Report Alarms'anyBit'Line Error Condition'))		
Remedial action: Check the SONET port is configured correctly and that the physical layer cabling is operating correctly. Call customer support if necessary.		

Table 18-178 LineRemoteDefectIndication

Alarm	Attributes	Applicable major releases
Name: LineRemoteDefectIndication (85) Type: communicationsAlarm (4) Package: sonetequipment Raised on class: sonetequipment.SonetPortMonitorSpecifics	Severity: major Implicitly cleared: true Default probable cause: lineRemoteDefectIndication (71)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when a SONET port reports a line remote defect indication error caused by an LOF, LOC, or LOS condition. The alarm corresponds to the lrdi alarm on an NE.		

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Alarm	Attributes	Applicable major releases
Raising condition: (('Outstanding Alarms'anyBit'Line Remote Defect Indication') AND ('Report Alarms'anyBit'Line Remote Defect Indication'))		
Clearing condition: NOT (('Outstanding Alarms'anyBit'Line Remote Defect Indication') AND ('Report Alarms'anyBit'Line Remote Defect Indication'))		
Remedial action: Informational only.		

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Table 18-179 LinkDown (equipment)

Alarm	Attributes	Applicable major releases
Name: LinkDown (12) Type: communicationsAlarm (4) Package: equipment Raised on class: equipment.Equipment	Severity: major Implicitly cleared: true Default probable cause: portLinkProblem (10)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when a port has no associated physical link or remote end point is operationally down.		
Raising condition: (('compositeEquipmentState' EQUAL 'Link Down') OR ('compositeEquipmentState' EQUAL 'Oper Down'))		
Clearing condition: (('compositeEquipmentState' NOT EQUAL 'Link Down') AND ('compositeEquipmentState' NOT EQUAL 'Oper Down'))		
Remedial action: Please make sure that port has physical link and remote end point is operationally up.		

Table 18-180 LocalRncvOperDown

Alarm	Attributes	Applicable major releases
Name: LocalRncvOperDown (521) Type: redundancyAlarm (52) Package: multichassis Raised on class: multichassis.MultiChassisRingNode	Severity: major Implicitly cleared: true Default probable cause: localRncvDisconnected (396)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when the local RNCV Operational State of a ring node is other than Connected or NotTested, which means that the ring node is not connected to the local MC ring group. The alarm clears when the ring node enters the Connected or NotTested state.		
Raising condition: (('Local Operational State' NOT EQUAL 'Connected') AND ('Local Operational State' NOT EQUAL 'Not Tested'))		
Clearing condition: (('Local Operational State' EQUAL 'Connected') OR ('Local Operational State' EQUAL 'Not Tested'))		
Remedial action: Make sure that ring node is properly connected to MC ring group.		

Table 18-181 LossOfClock (sonetequipment)

Alarm	Attributes	Applicable major releases
Name: LossOfClock (83) Type: communicationsAlarm (4) Package: sonetequipment Raised on class: sonetequipment.SonetPortMonitorSpecifics	Severity: major Implicitly cleared: true Default probable cause: lossOfClock (69)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when a SONET port reports an LOC condition, which causes the NE to set the port Operational State to Down.		
Raising condition: (('Outstanding Alarms'anyBit'Loss of Clock') AND ('Report Alarms'anyBit'Loss of Clock'))		
Clearing condition: NOT (('Outstanding Alarms'anyBit'Loss of Clock') AND ('Report Alarms'anyBit'Loss of Clock'))		
Remedial action: One of the following conditions exists on the referenced physical interface which must be corrected. A cable/fiber fault exists which must be corrected - check to ensure that the cable is not faulty and is properly connected.		

Table 18-182 LowTemperatureDetected

Alarm	Attributes	Applicable major releases
Name: LowTemperatureDetected (1127) Type: environmentalAlarm (2) Package: equipment Raised on class: equipment.Shelf	Severity: major Implicitly cleared: true Default probable cause: equipmentOvercooled (838)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when the chassis temperature falls below the minimum threshold.		
Raising condition: ('Low Temperature State' EQUAL 'Low')		
Clearing condition: ('Low Temperature State' NOT EQUAL 'Low')		
Remedial action: The NE has detected internal temperatures which are abnormally low. This may happen when the environment that the NE is operating in may not be within specifications found in the NE user guides.		

Table 18-183 LowTemperatureThresholdCrossed

Alarm	Attributes	Applicable major releases
Name: LowTemperatureThresholdCrossed (1128) Type: environmentalAlarm (2) Package: equipment Raised on class: equipment.Environment	Severity: major Implicitly cleared: true Default probable cause: equipmentOvercooled (838)	<ul style="list-style-type: none"> • 11.0 • 12.0
Description: The alarm is raised when a low-temperature threshold is crossed.		
Raising condition: ('lowTemperatureThresholdCrossed' EQUAL 'true')		
Clearing condition: ('lowTemperatureThresholdCrossed' EQUAL 'false')		

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Alarm	Attributes	Applicable major releases
Remedial action: The NE has detected internal temperatures which are abnormally high. This could be caused by a failed fan unit or one or more dirty fan filters. Replacing the failed unit or filters should resolve the problem. Alternately the environment that the NE is operating in may not be within specifications found in the NE user guides.		

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Table 18-184 LspDown

Alarm	Attributes	Applicable major releases
Name: LspDown (25) Type: pathAlarm (12) Package: mpls Raised on class: mpls.Lsp	Severity: critical Implicitly cleared: true Default probable cause: LspDown (19)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when the Operational State of an LSP is Down, but the Administrative State is Up.		
Raising condition: (('administrativeState' EQUAL 'Up') AND ('operationalState' NOT EQUAL 'Up'))		
Clearing condition: (('operationalState' EQUAL 'Up') OR ('administrativeState' NOT EQUAL 'Up'))		
Remedial action: So many things can cause LSP down, check if source and destination interfaces are down, LSP path is down and the failure code, or MPLS path is down...		

Table 18-185 LspPathBypassTunnelActive

Alarm	Attributes	Applicable major releases
Name: LspPathBypassTunnelActive (264) Type: pathAlarm (12) Package: mpls Raised on class: mpls.LspPath	Severity: warning Implicitly cleared: true Default probable cause: LspPathReroutedToBypassTunnel (197)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when an LSP primary path is rerouted to the bypass tunnel. The alarm clears when the primary path returns to the original tunnel and the actual hop returns to the primary path.		
Raising condition: ('Bypass Tunnel Active' EQUAL 'true')		
Clearing condition: ('Bypass Tunnel Active' EQUAL 'false')		
Remedial action: There is a problem with the original path, check what is the problem and fix it if possible.		

Table 18-186 LspPathDown

Alarm	Attributes	Applicable major releases
Name: LspPathDown (26) Type: pathAlarm (12) Package: mpls Raised on class: mpls.LspPath	Severity: major Implicitly cleared: true Default probable cause: LspPathDown (20)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when an LSP path is operationally down.		
Raising condition: (('Administrative' EQUAL 'Up') AND ('Operational' NOT EQUAL 'Up') AND ('Type' EQUAL 'Standby'))		
Clearing condition: (('Operational' EQUAL 'Up') OR ('Administrative' NOT EQUAL 'Up') OR ('Type' EQUAL 'Secondary'))		
Remedial action: Check the failure code and update accordingly, e.g. whether MPLS/RSVP interfaces, OSPF interfaces are down.		

Table 18-187 LSRPATHDown

Alarm	Attributes	Applicable major releases
Name: LSRPATHDown (4898) Type: pathAlarm (12) Package: mplstp Raised on class: mplstp.TPLSRPath	Severity: critical Implicitly cleared: true Default probable cause: LSRPATHDown (1955)	<ul style="list-style-type: none"> • 11.0 • 12.0
Description: The alarm is raised when the TP LSR Path Administrative State is Up and the Operational State is Down. The alarm clears when the TP LSR Path Operational State changes to Up or the Administrative State changes to Down.		
Raising condition: (('Administrative' EQUAL 'Up') AND ('Operational' NOT EQUAL 'Up'))		
Clearing condition: (('Operational' EQUAL 'Up') OR ('Administrative' NOT EQUAL 'Up'))		
Remedial action: The Operational state of the TP LSR Path is down, despite the Administrative state being up. Review the configuration and make sure that the Administrative state is up, the forward and reverse labels are set and the Out-Link interface is operationally up.		

Table 18-188 macMoveRateExceeded (service)

Alarm	Attributes	Applicable major releases
Name: macMoveRateExceeded (3690) Type: accessInterfaceAlarm (40) Package: service Raised on class: service.AccessInterface	Severity: minor Implicitly cleared: true Default probable cause: MacMoveRateExceeded (1429)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when the SAP exceeds the MAC Move Frequency of the service site.		
Raising condition: ('State Cause'anyBit'Relearn Limit Exceeded')		
Clearing condition: NOT (('State Cause'anyBit'Relearn Limit Exceeded'))		
Remedial action: Informational.		

Table 18-189 macMoveRateExceeded (svt)

Alarm	Attributes	Applicable major releases
Name: macMoveRateExceeded (3690) Type: SpokeSdpBindingAlarm (104) Package: svt Raised on class: svt.SpokeSdpBinding	Severity: minor Implicitly cleared: true Default probable cause: MacMoveRateExceeded (1429)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when the SDP exceeds the Service Site's MAC Move Frequency.		
Raising condition: ('operationalFlags'anyBit'Relearn Limit Exceeded')		
Clearing condition: NOT (('operationalFlags'anyBit'Relearn Limit Exceeded'))		
Remedial action: Check Service Site MAC move frequency or underlying physical link to understand issue.		

Table 18-190 macMoveRateExceededNonBlock (service)

Alarm	Attributes	Applicable major releases
Name: macMoveRateExceededNonBlock (4893) Type: accessInterfaceAlarm (40) Package: service Raised on class: service.AccessInterface	Severity: info Implicitly cleared: true Default probable cause: MacMoveRateExceededNonBlock (1951)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when the SAP exceeds the MAC Move Frequency of the service site when limitMacMove(sapTIsLimitMacMove) is set to 'nonBlocking'.		
Raising condition: ('State Cause'anyBit'Relearn Limit Exceeded')		
Clearing condition: NOT (('State Cause'anyBit'Relearn Limit Exceeded'))		
Remedial action: Informational - User can adjust the value of 'MAC Move Maximum Rate' to reduce the frequency of this alarm.		

Table 18-191 macMoveRateExceededNonBlock (svt)

Alarm	Attributes	Applicable major releases
Name: macMoveRateExceededNonBlock (4893) Type: SpokeSdpBindingAlarm (104) Package: svt Raised on class: svt.SpokeSdpBinding	Severity: info Implicitly cleared: true Default probable cause: MacMoveRateExceededNonBlock (1951)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when the SDP exceeds the Service Site's MAC Move Frequency even when limitMacMove(sdpBindTIsLimitMacMove) is set to 'nonBlocking'.		
Raising condition: ('operationalFlags'anyBit'Relearn Limit Exceeded')		
Clearing condition: NOT (('operationalFlags'anyBit'Relearn Limit Exceeded'))		
Remedial action: Informational - User can adjust the value of 'MAC Move Maximum Rate' to reduce the frequency of this alarm.		

Table 18-192 McIPsecPeerTunnelGroupMissing

Alarm	Attributes	Applicable major releases
Name: McIPsecPeerTunnelGroupMissing (4815) Type: configurationAlarm (11) Package: multichassis Raised on class: multichassis.McPeerIPSecTunnelGroup	Severity: major Implicitly cleared: true Default probable cause: IncompleteConfig (557)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0
Description: The alarm is raised when the 5620 SAM cannot find the peer MC IPsec tunnel group. This can be either the peer tunnel group is misconfigured or the local peer group ID is not configured.		
Raising condition: ('peerTunnelGroupPointer' EQUAL '\\"')		
Clearing condition: ('peerTunnelGroupPointer' NOT EQUAL '\\"')		
Remedial action: Configure the missing peered MC IPsec tunnel group or check the local tunnel group's peer group ID has been configured, or delete this one if it is not used.		

Table 18-193 McIPsecTunnelGroupDown

Alarm	Attributes	Applicable major releases
Name: McIPsecTunnelGroupDown (4816) Type: redundancyAlarm (52) Package: multichassis Raised on class: multichassis.McPeerIPSecTunnelGroup	Severity: major Implicitly cleared: true Default probable cause: ipsecTunnelGroupDown (1901)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0
Description: The alarm is raised when a MC IPsec tunnel group is operationally down while it is administratively up.		
Raising condition: (('Operational State' NOT EQUAL 'Up') AND ('Administrative State' EQUAL 'Up'))		
Clearing condition: (('Operational State' EQUAL 'Up') OR ('Administrative State' NOT EQUAL 'Up'))		
Remedial action: Check if the physical ISA IPsec Tunnel Group or the associated MDA is operationally down.		

Table 18-194 MCLagDown (lag)

Alarm	Attributes	Applicable major releases
Name: MCLagDown (394) Type: equipmentAlarm (3) Package: lag Raised on class: lag.MultiChassisLagSpecifics	Severity: critical Implicitly cleared: true Default probable cause: mCLagDown (295)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when all ports in an MC LAG are operationally down.		
Raising condition: (('administrativeState' EQUAL 'Up') AND ('operationalState' NOT EQUAL 'Up'))		
Clearing condition: (('operationalState' EQUAL 'Up') OR ('administrativeState' NOT EQUAL 'Up'))		

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Alarm	Attributes	Applicable major releases
<p>Remedial action: This alarm indicates that all physical Ethernet links associated with a LAG are operationally down. The reasons for the links to be down may vary from link to link. The following possible causes of this alarm should be investigated. The physical port (near end or far end may have failed - this can be remedied by replacing the interface card in question. The physical links may have been turned down administratively - re-enable the links. A cable failure or disconnect may have occurred - please ensure that the cables are properly connected to the physical port and and that the cable has not been damaged.</p>		

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Table 18-195 MCLagDown (multichassis)

Alarm	Attributes	Applicable major releases
Name: MCLagDown (394) Type: equipmentAlarm (3) Package: multichassis Raised on class: multichassis.MultiChassisLagPeerSpecifics	Severity: critical Implicitly cleared: true Default probable cause: mCLagDown (295)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
<p>Description: The alarm is raised when all ports in an MC LAG are operationally Down.</p>		
<p>Raising condition: (('Administrative State' EQUAL 'Up') AND ('Operational State' NOT EQUAL 'Up'))</p>		
<p>Clearing condition: (('Operational State' EQUAL 'Up') OR ('Administrative State' NOT EQUAL 'Up'))</p>		
<p>Remedial action: This alarm indicates that all physical Ethernet links associated with a LAG are operationally down. The reasons for the links to be down may vary from link to link. The following possible causes of this alarm should be investigated. The physical port (near end or far end may have failed - this can be remedied by replacing the interface card in question. The physical links may have been turned down administratively - re-enable the links. A cable failure or disconnect may have occurred - please ensure that the cables are properly connected to the physical port and and that the cable has not been damaged.</p>		

Table 18-196 McOmcStatFailedChanged

Alarm	Attributes	Applicable major releases
Name: McOmcStatFailedChanged (8058) Type: communicationsAlarm (4) Package: multichassis Raised on class: multichassis.McOmcStat	Severity: minor Implicitly cleared: true Default probable cause: McOmcStatFailedChanged (2459)	<ul style="list-style-type: none"> • 12.0
<p>Description: The alarm is raised when the value of the object tmnxMcOmcStatFailed changes from 'notAct' to any of the other values. The alarm is cleared when the value of the object tmnxMcOmcStatFailed changes to 'notAct' from any of the other values. A transition from 'notAct' or 'no' to 'yes' means that the traffic of some or all associated client application entries' is being dropped. For example, all traffic from some or all of the IPOE subscriber hosts protected by a failed SRRP instance is dropped by this system. A transition to 'no' means that the system has successfully allocated resources for the traffic of all associated client application entries. A transition to 'notAct' means that this system is not performing the active role anymore for this access protection instance. For example, the value of the object tmnxSrrpOperState has become different from 'master' for the corresponding instance.</p>		
<p>Raising condition: ('Instance Failed' NOT EQUAL 'Not Act')</p>		
<p>Clearing condition: ('Instance Failed' EQUAL 'Not Act')</p>		
<p>Remedial action: There are three recovery actions possible, depending on the reason of the transition of the access protection instance. If it is caused by a problem in the access network, fix that problem, or make additional resources available for this access protection instance. If it is caused by a misconfiguration of this system, correct that, or make additional resources available for this access protection instance.</p>		

Table 18-197 MCPeerEPDown

Alarm	Attributes	Applicable major releases
Name: MCPeerEPDown (1069) Type: equipmentAlarm (3) Package: multichassis Raised on class: multichassis.MultiChassisEndpoint	Severity: critical Implicitly cleared: true Default probable cause: MCPeerEPDown (811)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when an MC endpoint is operationally down.		
Raising condition: (('Operational State' NOT EQUAL 'Up') AND ('Administrative State' EQUAL 'Up'))		
Clearing condition: (('Operational State' EQUAL 'Up') OR ('Administrative State' NOT EQUAL 'Up'))		
Remedial action: Bring up the all End Point Members.		

Table 18-198 MepAISReceivedAlarm

Alarm	Attributes	Applicable major releases
Name: MepAISReceivedAlarm (2945) Type: oamAlarm (18) Package: ethernetoam Raised on class: ethernetoam.Mep	Severity: variable Implicitly cleared: true Default probable cause: missingRemoteMep (388)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when a MEP receives AIS test frames from one or more of its sub-layer MEPs.		
Raising condition: (('AIS Received (AisRx)' EQUAL 'true') AND ('Facility VLAN ID' EQUAL '0'))		
Clearing condition: ('AIS Received (AisRx)' EQUAL 'false')		
Remedial action: This alarm indicates that it has received a MEP fault from a sub-layer MEP, user should investigate the fault cause on the sub-layer MEP and resolve this root cause issue.		

Table 18-199 MigrationCompleted

Alarm	Attributes	Applicable major releases
Name: MigrationCompleted (753) Type: migrationComplete (62) Package: equipment Raised on class: equipment.NeCardSwapTask	Severity: info Implicitly cleared: false Default probable cause: migrationComplete (529)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when a card migration event completes.		
Raising condition: ('Status' EQUAL 'Migration completed')		
Remedial action: Informational - no corrective action required.		

Table 18-200 MigrationFailed

Alarm	Attributes	Applicable major releases
Name: MigrationFailed (754) Type: migrationFailure (63) Package: equipment Raised on class: equipment.NeCardSwapTask	Severity: major Implicitly cleared: false Default probable cause: migrationFailure (530)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when a card migration event fails.		
Raising condition: (('Status' EQUAL 'Failed - Latest configuration not available') OR ('Status' EQUAL 'Failed - Unable to migrate configuration') OR ('Status' EQUAL 'Failed - Unable to transfer migrated configuration') OR ('Status' EQUAL 'Failed - Unable to reboot network element'))		
Remedial action: This alarm is raised when a card migration fails. The operation has failed for one of the following reasons - a configuration backup could not be created, the configuration transfer failed or the attempt to reboot the card failed. Please re-attempt the migration. If the problem persists please contact Alcatel-Lucent support for assistance.		

Table 18-201 MissingLocalEntry

Alarm	Attributes	Applicable major releases
Name: MissingLocalEntry (291) Type: configurationAlarm (11) Package: l2fwd Raised on class: l2fwd.ServiceMacProtection	Severity: minor Implicitly cleared: true Default probable cause: Protected_Mac_Address_Not_Global (222)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when a protected MAC address is not configured on all sites of a VPLS. This can occur if the protected MAC address is added or removed using a CLI.		
Raising condition: ('isEntryGlobal' EQUAL 'false')		
Clearing condition: ('isEntryGlobal' EQUAL 'true')		
Remedial action: Configure the 'Protected MAC Address' on all the VPLS sites.		

Table 18-202 MldDown

Alarm	Attributes	Applicable major releases
Name: MldDown (587) Type: ProtocolAlarm (1) Package: mld Raised on class: mld.Site	Severity: critical Implicitly cleared: true Default probable cause: protocolDown (1)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when an MLD site has an Operational State other than Up, and the Administrative State is Up.		
Raising condition: (('Administrative State' EQUAL 'Up') AND ('Operational State' NOT EQUAL 'Up'))		
Clearing condition: (('Operational State' EQUAL 'Up') OR ('Administrative State' NOT EQUAL 'Up'))		
Remedial action: Check the base router and system are configured correctly.		

Table 18-203 MldMaxGrpSrcsLimitExceeded

Alarm	Attributes	Applicable major releases
Name: MldMaxGrpSrcsLimitExceeded (5395) Type: configurationAlarm (11) Package: mld Raised on class: mld.Interface	Severity: major Implicitly cleared: false Default probable cause: MldMaxGrpSrcsLimitExceeded (2110)	<ul style="list-style-type: none"> • 11.0 • 12.0
Description: The alarm is raised when an attempt is made to configure an MLD group source for a group when the number of group sources for this group is equal to 'maxGrpSources', the maximum number of group sources per group supported on the interface.		
Remedial action: Increase the value of the 'Maximum Number of Group Sources' attribute in the parent MLD interface so that the number of active MLD group sources stays under the configured threshold.		

Table 18-204 MldMaxSrcsLimitExceeded

Alarm	Attributes	Applicable major releases
Name: MldMaxSrcsLimitExceeded (5396) Type: configurationAlarm (11) Package: mld Raised on class: mld.Interface	Severity: major Implicitly cleared: false Default probable cause: MldMaxSrcsLimitExceeded (2111)	<ul style="list-style-type: none"> • 12.0
Description: The alarm is raised when an attempt is made to configure an MLD source for a group when the number of sources for this group is equal to 'maxSources', the Maximum Number of Sources per group supported on the interface.		
Remedial action: Increase 'Maximum Number Of Sources' value to allow more sources on this interface.		

Table 18-205 MobileConnectorDown

Alarm	Attributes	Applicable major releases
Name: MobileConnectorDown (1064) Type: EpcAlarm (59) Package: Iteservice Raised on class: Iteservice.MobileServiceConnector	Severity: minor Implicitly cleared: true Default probable cause: EpcDown (519)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when the 5620 SAM no longer manages the EPS path instance of this mobile service site. As a result, the service must be regenerated.		
Raising condition: ('EPS Path' EQUAL "\")		
Clearing condition: ('EPS Path' NOT EQUAL "\")		
Remedial action: The underlying transport network has gone down resulting in the deletion of a mobile service connector (EPS path). Correct the issue with the transport network and regenerate the mobile service connector by clicking on the re-calculate button on the mobile service properties form.		

Table 18-206 MplsDown

Alarm	Attributes	Applicable major releases
Name: MplsDown (27) Type: ProtocolAlarm (1) Package: mpls Raised on class: mpls.Site	Severity: critical Implicitly cleared: true Default probable cause: protocolDown (1)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when an MPLS site has an Operational State other than Up, and the Administrative State is Up.		
Raising condition: (('Administrative State' EQUAL 'Up') AND ('Operational State' NOT EQUAL 'Up'))		
Clearing condition: (('Operational State' EQUAL 'Up') OR ('Administrative State' NOT EQUAL 'Up'))		
Remedial action: Check operational down reason and update accordingly.		

Table 18-207 MplsPathUpdateFailed

Alarm	Attributes	Applicable major releases
Name: MplsPathUpdateFailed (1066) Type: pathAlarm (12) Package: mpls Raised on class: mpls.LspPath	Severity: major Implicitly cleared: true Default probable cause: mbbRetryExceeded (804) Applicable probable causes: <ul style="list-style-type: none"> • mbbRetryExceeded • lspPathGoingDown • startingHighPriMbb • restartingMbb • highPriMbbInProg 	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when an MPLS path update fails because of an MBB problem. The alarm clears when the MBB status changes to Successful.		
Raising condition: (('mbbStatus' NOT EQUAL 'None') AND ('mbbStatus' NOT EQUAL 'Successful'))		
Clearing condition: (('Last Performed State' EQUAL 'Success') OR ('Administrative' EQUAL 'Down') OR (('Operational' EQUAL 'Up') AND ('Last Performed State' EQUAL 'None')))		
Remedial action: Based on the probable cause, change the parameters and update the path again.		

Table 18-208 MrpAttrTblSizeLimitReached

Alarm	Attributes	Applicable major releases
Name: MrpAttrTblSizeLimitReached (574) Type: resourceAlarm (28) Package: I2fwd Raised on class: I2fwd.SiteMrp	Severity: major Implicitly cleared: true Default probable cause: resourceLimitReached (131)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when the number of MRP attribute table entries for a service site exceeds the high watermark specified by I2fwd.SiteMrp.mrpAttrTblHighWatermark. The alarm clears when the number of MRP attribute table entries for the site drops below the low watermark specified by I2fwd.SiteMrp.mrpAttrTblLowWatermark.		

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Alarm	Attributes	Applicable major releases
Raising condition: (('MRP Attribute Count' >=" 'MRP Max Attributes') OR ('MRP Attribute Count' >= (('MRP Attribute-Table-High-Watermark' * 'MRP Max Attributes') / 100.0)))"		
Clearing condition: (('MRP Attribute Count' < 'MRP Max Attributes') AND (('MRP Attribute-Table-High-Watermark' EQUAL '0') OR ('MRP Attribute Count' < (('MRP Attribute-Table-Low-Watermark' * 'MRP Max Attributes') / 100.0))) AND (('MRP Attribute-Table-Low-Watermark' EQUAL '0') OR ('MRP Attribute Count' < (('MRP Attribute-Table-Low-Watermark' * 'MRP Max Attributes') / 100.0))))		
Remedial action: Informational		

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Table 18-209 MsdpDown

Alarm	Attributes	Applicable major releases
Name: MsdpDown (353) Type: ProtocolAlarm (1) Package: msdp Raised on class: msdp.Site	Severity: critical Implicitly cleared: true Default probable cause: protocolDown (1)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when an MSDP site is administratively down. The alarm clears when the site is administratively up.		
Raising condition: (('Administrative State' EQUAL 'Down'))		
Clearing condition: (('Administrative State' NOT EQUAL 'Down'))		
Remedial action: Turn up the MSDP site.		

Table 18-210 MsPwFecRetryExpired

Alarm	Attributes	Applicable major releases
Name: MsPwFecRetryExpired (3694) Type: serviceAlarm (16) Package: svt Raised on class: svt.SpokeSdpFec	Severity: minor Implicitly cleared: true Default probable cause: msPwFecRetryExpired (1433)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when a trap is received because of retry expired. The alarm is cleared when the retry starts again.		
Raising condition: ('Retry Expired' EQUAL 'true')		
Clearing condition: ('Retry Expired' EQUAL 'false')		
Remedial action: May need to shutdown the multi-segment pseudo-wire provider edge to restart the retries.		

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Table 18-211 MultiChassisRingDown

Alarm	Attributes	Applicable major releases
Name: MultiChassisRingDown (520) Type: redundancyAlarm (52) Package: multichassis Raised on class: multichassis.MultiChassisRing	Severity: major Implicitly cleared: true Default probable cause: ringDown (395)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when a MC ring group Operational State is not in the Connected state. The alarm is cleared when the ring group enters the Connected state.		
Raising condition: ('Operational State' NOT EQUAL 'Connected')		
Clearing condition: ('Operational State' EQUAL 'Connected')		
Remedial action: Check if MC ring is admin down, MC Sync is operational up, In-Band Control Connection is up, ring node is up ...		

Table 18-212 MvrConfiguredFromVplsNotExist

Alarm	Attributes	Applicable major releases
Name: MvrConfiguredFromVplsNotExist (219) Type: configurationAlarm (11) Package: vpls Raised on classes: <ul style="list-style-type: none"> • vpls.L2AccessInterfaceMldMvrCfg • vpls.L2AccessInterfaceMvrCfg 	Severity: warning Implicitly cleared: true Default probable cause: MvrConfiguredFromVplsNotExist (164)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when an MVR source is an MVR VPLS that does not exist. The alarm clears when the MVR VPLS is created.		
Raising condition: ('fromVplsExists' EQUAL 'false')		
Clearing condition: (('fromVplsExists' EQUAL 'true') OR ('fromVplsId' EQUAL '0L'))		
Remedial action: Create the missing MVR VPLS.		

Table 18-213 MvrConfiguredProxySapNotExist

Alarm	Attributes	Applicable major releases
Name: MvrConfiguredProxySapNotExist (220) Type: configurationAlarm (11) Package: vpls Raised on classes: <ul style="list-style-type: none"> • vpls.L2AccessInterfaceMldMvrCfg • vpls.L2AccessInterfaceMvrCfg 	Severity: warning Implicitly cleared: true Default probable cause: MvrConfiguredProxySapNotExist (165)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when a configured MVR proxy SAP does not exist. The alarm clears when the proxy SAP is created.		
Raising condition: ('proxySapExists' EQUAL 'false')		

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Alarm	Attributes	Applicable major releases
Clearing condition: ('proxySapExists' EQUAL 'true')		
Remedial action: Create the missing proxy SAP.		

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Table 18-214 MvrSiteDown

Alarm	Attributes	Applicable major releases
Name: MvrSiteDown (162) Type: ProtocolAlarm (1) Package: layer2 Raised on class: layer2.MvrSite	Severity: warning Implicitly cleared: true Default probable cause: protocolDown (1)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when MVR is disabled on an NE and a TLS VLAN or MVR VLAN service is provisioned on the NE.		
Raising condition: ('MVR Admin Status' EQUAL 'Disabled')		
Clearing condition: ('MVR Admin Status' EQUAL 'Enabled')		
Remedial action: To clear the alarm, enable MVR Admin Status under the Bridge Instance.		

Table 18-215 NatDeterministicChange

Alarm	Attributes	Applicable major releases
Name: NatDeterministicChange (5122) Type: configurationAlarm (11) Package: netw Raised on class: netw.NetworkElement	Severity: minor Implicitly cleared: false Default probable cause: NatDeterministicMapChanged (2056)	<ul style="list-style-type: none"> • 11.0 • 12.0
Description: The alarm is raised when something changed in the Deterministic NAT map. Such a change may be caused by a modification of the Deterministic NAT Prefix or the Deterministic NAT Map.		
Remedial action: Managers that rely on the offline representation of the Deterministic NAT map should get an updated copy by saving the Deterministic NAT script.		

Table 18-216 NatIsaGrpDegraded

Alarm	Attributes	Applicable major releases
Name: NatIsaGrpDegraded (8059) Type: equipmentAlarm (3) Package: nat Raised on class: nat.NatIsaGroup	Severity: major Implicitly cleared: true Default probable cause: NatIsaGrpDegraded (2460)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0
Description: The alarm is raised when the NAT ISA group is degraded, while operationally still in service.		

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Alarm	Attributes	Applicable major releases
Raising condition: (('Degraded State' EQUAL 'True') AND ('Operational State' EQUAL 'Up'))		
Clearing condition: (('Operational State' NOT EQUAL 'Up') OR ('Degraded State' NOT EQUAL 'True'))		
Remedial action: The ISA-NAT Group is degraded. Check that the configured ISA-NAT Group Member MDA(s) are active and operationally up. There may be a fault with the ISA Application NAT Group.		

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Table 18-217 NatIsaGrpDown

Alarm	Attributes	Applicable major releases
Name: NatIsaGrpDown (3887) Type: equipmentAlarm (3) Package: nat Raised on class: nat.NatIsaGroup	Severity: major Implicitly cleared: true Default probable cause: NatIsaGrpDown (1483)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when the Operational State of an NAT ISA group is Down and the Administrative State is Up.		
Raising condition: (('Administrative State' EQUAL 'Up') AND ('Operational State' NOT EQUAL 'Up'))		
Clearing condition: (('Operational State' EQUAL 'Up') OR ('Administrative State' NOT EQUAL 'Up'))		
Remedial action: The operational state of the ISA-NAT Group is down, despite the administrative state being up. Check that the configured ISA-NAT Group Member MDA(s) are active and operationally up. There may be a fault with the ISA Application NAT Group.		

Table 18-218 NatLsnSubscriberIcmpPortUsageHigh

Alarm	Attributes	Applicable major releases
Name: NatLsnSubscriberIcmpPortUsageHigh (4860) Type: thresholdCrossed (6) Package: nat Raised on class: nat.NatManager	Severity: minor Implicitly cleared: true Default probable cause: resourceFull (53)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when the ICMP port usage of a large-scale NAT subscriber reaches the high or low watermark.		
Remedial action: Review the watermarks configuration to make sure it matches the capacity of your network. If required, deploy extra equipment to deal with the demand.		

Table 18-219 NatLsnSubscriberIcmpPortUsqHigh

Alarm	Attributes	Applicable major releases
Name: NatLsnSubscriberIcmpPortUsqHigh (5397) Type: thresholdCrossed (6) Package: nat Raised on class: nat.NatManager	Severity: warning Implicitly cleared: true Default probable cause: resourceFull (53)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0

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Alarm	Attributes	Applicable major releases
Description: The alarm is raised when the ICMP port usage of a large-scale NAT subscriber reaches the high or low watermark.		
Remedial action: Review the watermarks configuration to make sure it matches the capacity of your network. If required, deploy extra equipment to deal with the demand.		

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Table 18-220 NatLsnSubscriberSessionUsageHigh

Alarm	Attributes	Applicable major releases
Name: NatLsnSubscriberSessionUsageHigh (4861) Type: thresholdCrossed (6) Package: nat Raised on class: nat.NatManager	Severity: minor Implicitly cleared: true Default probable cause: resourceFull (53)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when the session usage of a large-scale NAT subscriber reaches the high watermark. The alarm will be cleared when the session usage of a large-scale NAT subscriber reaches its low watermark again.		
Remedial action: Review the watermarks configuration to make sure it matches the capacity of your network.		

Table 18-221 NatLsnSubscriberSessionUsgHigh

Alarm	Attributes	Applicable major releases
Name: NatLsnSubscriberSessionUsgHigh (5398) Type: thresholdCrossed (6) Package: nat Raised on class: nat.NatManager	Severity: warning Implicitly cleared: true Default probable cause: resourceFull (53)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when the session usage of a large-scale NAT subscriber reaches the high watermark. The alarm will be cleared when the session usage of a large-scale NAT subscriber reaches its low watermark again.		
Remedial action: Review the watermarks configuration to make sure it matches the capacity of your network.		

Table 18-222 NatLsnSubscriberTcpPortUsageHigh

Alarm	Attributes	Applicable major releases
Name: NatLsnSubscriberTcpPortUsageHigh (4862) Type: thresholdCrossed (6) Package: nat Raised on class: nat.NatManager	Severity: minor Implicitly cleared: true Default probable cause: resourceFull (53)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when the TCP port usage of a large-scale NAT subscriber reaches the high or low watermark.		
Remedial action: Review the watermarks configuration to make sure it matches the capacity of your network. If required, deploy extra equipment to deal with the demand.		

Table 18-223 NatLsnSubscriberTcpPortUsgHigh

Alarm	Attributes	Applicable major releases
Name: NatLsnSubscriberTcpPortUsgHigh (5399) Type: thresholdCrossed (6) Package: nat Raised on class: nat.NatManager	Severity: warning Implicitly cleared: true Default probable cause: resourceFull (53)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when the TCP port usage of a large-scale NAT subscriber reaches the high or low watermark.		
Remedial action: Review the watermarks configuration to make sure it matches the capacity of your network. If required, deploy extra equipment to deal with the demand.		

Table 18-224 NatLsnSubscriberUdpPortUsageHigh

Alarm	Attributes	Applicable major releases
Name: NatLsnSubscriberUdpPortUsageHigh (4863) Type: thresholdCrossed (6) Package: nat Raised on class: nat.NatManager	Severity: minor Implicitly cleared: true Default probable cause: resourceFull (53)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when the UDP port usage of a large-scale NAT subscriber reaches the high or low watermark.		
Remedial action: Review the watermarks configuration to make sure it matches the capacity of your network. If required, deploy extra equipment to deal with the demand.		

Table 18-225 NatLsnSubscriberUdpPortUsgHigh

Alarm	Attributes	Applicable major releases
Name: NatLsnSubscriberUdpPortUsgHigh (5400) Type: thresholdCrossed (6) Package: nat Raised on class: nat.NatManager	Severity: warning Implicitly cleared: true Default probable cause: resourceFull (53)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when the UDP port usage of a large-scale NAT subscriber reaches the high or low watermark.		
Remedial action: Review the watermarks configuration to make sure it matches the capacity of your network. If required, deploy extra equipment to deal with the demand.		

Table 18-226 NatMdaDetectsLoadSharingError

Alarm	Attributes	Applicable major releases
Name: NatMdaDetectsLoadSharingError (5120) Type: configurationAlarm (11) Package: nat Raised on class: nat.IsaMda	Severity: minor Implicitly cleared: false Default probable cause: NatMdaLoadSharingErrorDetected (2055)	<ul style="list-style-type: none"> • 11.0 • 12.0
Description: The alarm is raised when node is sending periodically at most every 10 seconds while a NAT ISA MDA detects that it is receiving packets erroneously, due to incorrect load-balancing by the ingress IOM. The MDA drops all incorrectly load-balanced traffic.		
Remedial action: The ingress IOM hardware does not support a particular NAT function's load-balancing, for example an IOM-2 does not support deterministic NAT. Upgrade the ingress IOM, or change the configuration.		

Table 18-227 NatPcpSrvStateDown

Alarm	Attributes	Applicable major releases
Name: NatPcpSrvStateDown (4382) Type: communicationsAlarm (4) Package: nat Raised on class: nat.PcpServer	Severity: major Implicitly cleared: true Default probable cause: NatPcpSrvStateDown (1566)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0
Description: The alarm is raised when the Operational State of an NAT PCP Server Changes		
Raising condition: (('Operational State' NOT EQUAL 'Up') AND ('Administrative State' EQUAL 'Up'))		
Clearing condition: (('Operational State' EQUAL 'Up') OR ('Administrative State' NOT EQUAL 'Up'))		
Remedial action: This alarm indicates the PCP Server Operational State is Down. Please check the State Description on the PCP server for detail information		

Table 18-228 NeighborDown

Alarm	Attributes	Applicable major releases
Name: NeighborDown (121) Type: NeighborDown (20) Package: ospf Raised on class: ospf.AbstractNeighbor	Severity: major Implicitly cleared: true Default probable cause: NeighborDown (103)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when an OSPF interface neighbor is operationally Down.		
Raising condition: ('Operational State' NOT EQUAL 'full')		
Clearing condition: ('Operational State' EQUAL 'full')		
Remedial action: This alarm is raised when the OSPF interface neighbor is operationally down. The situation may occur if the underlying physical interface is down either because of administrative disabling or a fault on the far end port or due to a cable connection or cable failure. This alarm will also be raised if the underlying transport network fails or is unreliable. Resolving the underlying instability in the transport network will correct this problem.		

Table 18-229 NeManagementAndTrapManagementMismatch

Alarm	Attributes	Applicable major releases
Name: NeManagementAndTrapManagementMismatch (1079) Type: communicationsAlarm (4) Package: netw Raised on class: netw.NetworkElement	Severity: warning Implicitly cleared: true Default probable cause: neManagementChange (817)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: This user-defined alarm is raised when the NE configuration is one of the following: - The Active Management IP is set to Out Of Band, and the Primary Route Preference is set to In Band. - The Active Management IP is set to In Band, and the Primary Route Preference is set to Out of Band.		
Raising condition: (((('Active Management IP' EQUAL 'In Band') AND (('Management IP Selection' EQUAL 'In Band Preferred') OR ('Management IP Selection' EQUAL 'In Band Only'))) AND ('Primary Route Preference' EQUAL 'Out Of Band') AND ('Secondary Route Preference' EQUAL 'In Band')) OR (('Active Management IP' EQUAL 'Out Of Band') AND (('Management IP Selection' EQUAL 'Out Of Band Preferred') OR ('Management IP Selection' EQUAL 'Out Of Band Only'))) AND ('Primary Route Preference' EQUAL 'In Band') AND ('Secondary Route Preference' EQUAL 'Out Of Band'))		
Clearing condition: (((('Active Management IP' EQUAL 'In Band') AND (('Management IP Selection' EQUAL 'In Band Preferred') OR ('Management IP Selection' EQUAL 'In Band Only'))) AND ('Primary Route Preference' EQUAL 'In Band')) OR (('Active Management IP' EQUAL 'Out Of Band') AND (('Management IP Selection' EQUAL 'Out Of Band Preferred') OR ('Management IP Selection' EQUAL 'Out Of Band Only'))) AND ('Primary Route Preference' EQUAL 'Out Of Band'))		
Remedial action: A configuration error has been made which must be corrected. The parameters described in the description for this alarm must match.		

Table 18-230 NewSsh2ServerKeyDetected

Alarm	Attributes	Applicable major releases
Name: NewSsh2ServerKeyDetected (285) Type: communicationsAlarm (4) Package: security Raised on class: security.KnownHostKey	Severity: warning Implicitly cleared: true Default probable cause: ssh2ServerKeyMismatch (217)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when a 5620 SAM main server detects a new public SSH key.		
Raising condition: ('SSH2 Server Key Status' EQUAL 'Mismatch SSH2 Host Key')		
Clearing condition: ('SSH2 Server Key Status' EQUAL 'Active SSH2 Host Key')		
Remedial action: Informational - possible security breach. The SSH key of the router is different from the one known to the SAM server.		

Table 18-231 NodeDatabaseFallbackDetected

Alarm	Attributes	Applicable major releases
Name: NodeDatabaseFallbackDetected (2923) Type: communicationsAlarm (4) Package: netw Raised on class: netw.NetworkElement	Severity: major Implicitly cleared: true Default probable cause: nodeDatabaseFallback (1121)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when a configuration fallback is detected on the node and comes back up with a previous configuration. To correct this situation it might be necessary to reconfigure the node, or perform full resync its database with the 'fallback' configuration returned by the node.		
Raising condition: ('State' EQUAL 'Node Configuration Fallback')		
Clearing condition: ('State' EQUAL 'Managed')		
Remedial action: the NE has come back to a previous configuration. Perform a manual Full Resync or a Reconfigure of the NE		

Table 18-232 NodeDatabaseMisalignmentDetected

Alarm	Attributes	Applicable major releases
Name: NodeDatabaseMisalignmentDetected (2924) Type: communicationsAlarm (4) Package: netw Raised on class: netw.NetworkElement	Severity: major Implicitly cleared: true Default probable cause: nodeDatabaseMisalignment (1122)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when a configuration misalignment has been detected on the node and comes back up with an unexpected configuration (configuration change triggered by external tool) To correct this situation it might be necessary to reconfigure the node with the 5620 SAM's old configuration or accept the new configuration received from the node.		
Raising condition: ('State' EQUAL 'Node Configuration Misalignment')		
Clearing condition: ('State' EQUAL 'Managed')		
Remedial action: the NE configuration is misaligned. Perform a resync in order to update SAM configuration according to the NE.		

Table 18-233 NodeRebooted

Alarm	Attributes	Applicable major releases
Name: NodeRebooted (32) Type: equipmentAlarm (3) Package: netw Raised on class: netw.NetworkElement	Severity: warning Implicitly cleared: false Default probable cause: nodeReboot (25)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when the 5620 SAM detects an NE reboot based on the latest NE sysUpTime value.		
Remedial action: Informational - if the alarm persists please contact Alcatel-Lucent support for assistance		

Table 18-234 NodeSuspended

Alarm	Attributes	Applicable major releases
Name: NodeSuspended (5123) Type: communicationsAlarm (4) Package: netw Raised on class: netw.NetworkElement	Severity: critical Implicitly cleared: true Default probable cause: NodeSuspend (2057)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when the 5620 SAM detects an NE moved to suspend state as per user request.		
Raising condition: ('SNMP Reachability' EQUAL 'Suspended')		
Clearing condition: ('SNMP Reachability' NOT EQUAL 'Suspended')		
Remedial action: This alarm is raised when user suspends the network element. The alarm will be cleared when the network element is managed back.		

Table 18-235 NoPeerMcRingFound

Alarm	Attributes	Applicable major releases
Name: NoPeerMcRingFound (782) Type: configurationAlarm (11) Package: multichassis Raised on class: multichassis.MultiChassisRing	Severity: major Implicitly cleared: true Default probable cause: IncompleteConfig (557)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when the 5620 SAM cannot find the peer MC ring.		
Raising condition: ('Peer Multi-Chassis Ring' EQUAL '\')		
Clearing condition: ('Peer Multi-Chassis Ring' NOT EQUAL '\')		
Remedial action: Configure the missing peered MC ring, or delete this one if it is not used.		

Table 18-236 NTPOperDown

Alarm	Attributes	Applicable major releases
Name: NTPOperDown (4879) Type: communicationsAlarm (4) Package: ntp Raised on class: ntp.NTP	Severity: info Implicitly cleared: true Default probable cause: NTPOperDown (1943)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is generated when the NTP Operational State is down for NTP.		
Raising condition: (('Operational State' EQUAL 'Down') AND ('NTP State' EQUAL 'Enabled'))		
Clearing condition: (('Operational State' EQUAL 'Up') OR ('NTP State' EQUAL 'Disabled'))		
Remedial action: Please check if NTP is administratively enabled (Admin State in NTP General Tab). If admin state down, enable it to make NTP operationally up.		

Table 18-237 ObsoleteProtocolInFilter

Alarm	Attributes	Applicable major releases
Name: ObsoleteProtocolInFilter (3706) Type: ConfigurationAlarm (15) Package: aapolicy Raised on class: aapolicy.ApplicationFilter	Severity: warning Implicitly cleared: false Default probable cause: obsoleteProtocolInFilter (1446)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0
Description: The alarm is raised when a local application filter refers to an obsolete application assurance protocol.		
Remedial action: Change the application filter configuration to use a protocol that is not Obsolete.		

Table 18-238 OFFlowEntryDeploymentCreateFailed

Alarm	Attributes	Applicable major releases
Name: OFFlowEntryDeploymentCreateFailed (5405) Type: processingErrorAlarm (81) Package: openflow Raised on class: openflow.OFAbstractFlowEntry	Severity: major Implicitly cleared: true Default probable cause: OFFlowEntryDeploymentCreateFailed (2113)	<ul style="list-style-type: none"> • 12.0
Description: The notification alarm is raised when the flow entry deployment create has failed.		
Raising condition: (('Deployment Status' EQUAL 'Creation Failed'))		
Clearing condition: (('Deployment Status' NOT EQUAL 'Creation Failed'))		
Remedial action: This alarm is raised when the OpenFlow switch rejects creation of the flow.		

Table 18-239 OFFlowEntryDeploymentDeleteFailed

Alarm	Attributes	Applicable major releases
Name: OFFlowEntryDeploymentDeleteFailed (5406) Type: processingErrorAlarm (81) Package: openflow Raised on class: openflow.OFAbstractFlowEntry	Severity: major Implicitly cleared: true Default probable cause: OFFlowEntryDeploymentDeleteFailed (2114)	<ul style="list-style-type: none"> • 12.0
Description: The notification alarm is raised when the flow entry deployment create has failed.		
Raising condition: (('Deployment Status' EQUAL 'Deletion Failed'))		
Clearing condition: (('Deployment Status' NOT EQUAL 'Deletion Failed'))		
Remedial action: This alarm is raised when the OpenFlow switch rejects deletion of the flow.		

Table 18-240 OFLogicalPortStatusMplsTpNotSet

Alarm	Attributes	Applicable major releases
Name: OFLogicalPortStatusMplsTpNotSet (5407) Type: equipmentAlarm (3) Package: openflow Raised on class: openflow.OFSwitch	Severity: major Implicitly cleared: true Default probable cause: OFLogicalPortStatusMplsTpNotSet (2115)	<ul style="list-style-type: none"> 12.0
Description: The alarm is raised when the MPLS-TP flag is not set in the Logical Port Status.		
Raising condition: (('Logical Port Status' EQUAL '0L') OR ('Logical Port Status' EQUAL 'rsvp-te'))		
Clearing condition: (('Logical Port Status' NOT EQUAL '0L') AND ('Logical Port Status' NOT EQUAL 'rsvp-te'))		
Remedial action: When MPLS-TP is not set, OpenFlow port status will not be received by SAM.		

Table 18-241 OFLogicalPortStatusRsvpTeNotSet

Alarm	Attributes	Applicable major releases
Name: OFLogicalPortStatusRsvpTeNotSet (5408) Type: equipmentAlarm (3) Package: openflow Raised on class: openflow.OFSwitch	Severity: major Implicitly cleared: true Default probable cause: OFLogicalPortStatusRsvpTeNotSet (2116)	<ul style="list-style-type: none"> 12.0
Description: The alarm is raised when the RSVP-TE flag is not set in the Logical Port Status.		
Raising condition: (('Logical Port Status' EQUAL '0L') OR ('Logical Port Status' EQUAL 'mpls-tp'))		
Clearing condition: (('Logical Port Status' NOT EQUAL '0L') AND ('Logical Port Status' NOT EQUAL 'mpls-tp'))		
Remedial action: When RSVP-TE is not set, OpenFlow port status will not be received by SAM.		

Table 18-242 OFSwitchDown

Alarm	Attributes	Applicable major releases
Name: OFSwitchDown (5409) Type: equipmentAlarm (3) Package: openflow Raised on class: openflow.OFSwitch	Severity: major Implicitly cleared: true Default probable cause: OFSwitchDown (2117)	<ul style="list-style-type: none"> 12.0
Description: The alarm is raised when the Operational State of an OFSwitch is Down and the Administrative State is Up.		
Raising condition: (('Operational State' NOT EQUAL 'Up') AND ('Administrative State' EQUAL 'Up'))		
Clearing condition: (('Operational State' EQUAL 'Up') OR ('Administrative State' NOT EQUAL 'Up'))		
Remedial action: This alarm is raised when the OpenFlow switch has gone down.		

Table 18-243 OrphanNodeDetected

Alarm	Attributes	Applicable major releases
Name: OrphanNodeDetected (4866) Type: discoveryControlAlarm (33) Package: netw Raised on class: netw.AdvertisedNode	Severity: major Implicitly cleared: true Default probable cause: nodeNotMangedByAnyEms (1934)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when node is node managed by any EMS after n retries(threshold crossed) it is manually cleared by the operator or when the node is discovered.		
Raising condition: ('State' EQUAL 'Orphan')		
Remedial action: The NE is not managed by any SAM.Add an discovery rule in order to managed it.		

Table 18-244 OspflInterfaceDown

Alarm	Attributes	Applicable major releases
Name: OspflInterfaceDown (141) Type: OspflInterfaceDown (24) Package: ospf Raised on class: ospf.Interface	Severity: warning Implicitly cleared: true Default probable cause: OspflInterfaceDown (112)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when an OSPF interface is operationally down.		
Raising condition: ('operationalState' EQUAL 'Down')		
Clearing condition: ('operationalState' NOT EQUAL 'Down')		
Remedial action: This alarm is raised when the OSPF interface is operationally down. The situation may occur if the underlying physical interface is down either because of administrative disabling or a fault on the far end port or due to a cable connection or cable failure. This alarm will also be raised if the underlying transport network fails or is unreliable. Resolving the underlying instability in the transport network will correct this problem.		

Table 18-245 OverTemperatureDetected

Alarm	Attributes	Applicable major releases
Name: OverTemperatureDetected (388) Type: environmentalAlarm (2) Package: equipment Raised on class: equipment.Shelf	Severity: major Implicitly cleared: true Default probable cause: equipmentOverheated (5)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when the chassis temperature exceeds the maximum threshold value.		
Raising condition: ('Over Temperature State' EQUAL 'Over')		
Clearing condition: ('Over Temperature State' NOT EQUAL 'Over')		
Remedial action: The NE has detected internal temperatures which are abnormally high. This could be caused by a failed fan unit or one or more dirty fan filters. Replacing the failed unit or filters should resolve the problem. Alternately the environment that the NE is operating in may not be within specifications found in the NE user guides.		

Table 18-246 P2MPLSPDown

Alarm	Attributes	Applicable major releases
Name: P2MPLSPDown (4378) Type: pathAlarm (12) Package: mpls Raised on class: mpls.P2MPDynamicLsp	Severity: critical Implicitly cleared: true Default probable cause: P2MPLSPDown (1563)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when the P2MP LSP Administrative State is Up and the Operational State is Down. The alarm clears when the P2MP LSP Operational State changes to Up or the Administrative State changes to Down.		
Raising condition: (('Administrative' EQUAL 'Up') AND ('Operational' NOT EQUAL 'Up'))		
Clearing condition: (('Operational' EQUAL 'Up') OR ('Administrative' NOT EQUAL 'Up'))		
Remedial action: The operational state of the P2MP LSP is down, despite the administrative state being up. Review the P2MP Primary Instance or S2LPath to make sure it was configured correctly and Administrative state is up. The physical port near end or far end may have failed - this can be remedied by replacing the interface card in question. The physical links may have been turned down administratively - re-enable the links. A cable failure or disconnect may have occurred - please ensure that the cables are properly connected to the physical port and and that the cable has not been damaged.		

Table 18-247 PartialResyncProblem

Alarm	Attributes	Applicable major releases
Name: PartialResyncProblem (4401) Type: communicationsAlarm (4) Package: netw Raised on class: netw.NetworkElement	Severity: warning Implicitly cleared: true Default probable cause: partialResyncProblem (1578)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when a partial resync on an NE fails. For example, when resyncing only some MIB entries as opposed to a full resync. The periodic reachability test (sysUpTime) is not considered a partial resync, neither is a full resync. However, a PartialResyncProblem alarm can only be reset by a FullResync.		
Raising condition: ('partialResyncStatus' EQUAL 'Partial Resync Failed')		
Clearing condition: ('partialResyncStatus' EQUAL 'Partial Resync Done')		
Remedial action: Informational - if the alarm persists or is occurring frequently then investigation is required to understand a) why the underlying transport network is unreliable or b) why the NE is too busy to respond to 5620 SAM or c) has SNMP been disabled on the NE.		

Table 18-248 PeerConnectionDown (bgp)

Alarm	Attributes	Applicable major releases
Name: PeerConnectionDown (2) Type: ProtocolAlarm (1) Package: bgp Raised on class: bgp.Peer	Severity: critical Implicitly cleared: true Default probable cause: connectionDown (2)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when a BGP peer has a Connection State other than Established, and the Administrative State of the BGP peer is Up.		

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Alarm	Attributes	Applicable major releases
Raising condition: (('Connection State' NOT EQUAL 'Established') AND ('Administrative State' EQUAL 'Up'))		
Clearing condition: (('Connection State' EQUAL 'Established') OR ('Administrative State' NOT EQUAL 'Up'))		
Remedial action: A mismatch in configuration may have occurred. Check the configuration of both peers to rule out a mismatched configuration.		

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Table 18-249 PeerConnectionDown (msdp)

Alarm	Attributes	Applicable major releases
Name: PeerConnectionDown (2) Type: ProtocolAlarm (1) Package: msdp Raised on class: msdp.CommonPeer	Severity: critical Implicitly cleared: true Default probable cause: connectionDown (2)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when the connectionState of this peer changes from Established to a state other than Established. The alarm clears when the connectionState of this peer returns to the Established state.		
Raising condition: (('connectionState' NOT EQUAL 'Established') AND ('administrativeState' EQUAL 'Up'))		
Clearing condition: (('connectionState' EQUAL 'Established') OR ('administrativeState' NOT EQUAL 'Up'))		
Remedial action: Check the configurations of the peer routers.		

Table 18-250 PeerDown (bgp)

Alarm	Attributes	Applicable major releases
Name: PeerDown (1) Type: ProtocolAlarm (1) Package: bgp Raised on class: bgp.Peer	Severity: critical Implicitly cleared: true Default probable cause: protocolDown (1)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when a BGP peer has an Operational State other than Up, and the Administrative State is Up.		
Raising condition: (('Administrative State' EQUAL 'Up') AND ('Operational State' NOT EQUAL 'Up'))		
Clearing condition: (('Operational State' EQUAL 'Up') OR ('Administrative State' NOT EQUAL 'Up'))		
Remedial action: The BGP peer entity is down - administratively disable the BGP peer and re-enable it. If toggling the administrative state does not solve the problem check that the physical interface and network connection to the far end peer are up and operational. If the problem persists please contact Alcatel-Lucent support for assistance.		

Table 18-251 PeerDown (msdp)

Alarm	Attributes	Applicable major releases
Name: PeerDown (1) Type: ProtocolAlarm (1) Package: msdp Raised on class: msdp.CommonPeer	Severity: critical Implicitly cleared: true Default probable cause: protocolDown (1)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when the Administrative State of a peer changes from Up to Down. The alarm clears when the Administrative State returns to Up.		
Raising condition: (('administrativeState' EQUAL 'Down'))		
Clearing condition: (('administrativeState' NOT EQUAL 'Down'))		
Remedial action: Turn up the Peer.		

Table 18-252 PeerGroupDown (bgp)

Alarm	Attributes	Applicable major releases
Name: PeerGroupDown (5) Type: ProtocolAlarm (1) Package: bgp Raised on class: bgp.PeerGroup	Severity: critical Implicitly cleared: true Default probable cause: protocolDown (1)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when a BGP peer group has an Operational State other than Up, and the Administrative State is Up.		
Raising condition: (('Administrative State' EQUAL 'Up') AND ('Operational State' NOT EQUAL 'Up'))		
Clearing condition: (('Operational State' EQUAL 'Up') OR ('Administrative State' NOT EQUAL 'Up'))		
Remedial action: The BGP peer group is down - administratively disable the BGP peer group and re-enable it. If the problem persists please contact Alcatel-Lucent support for assistance.		

Table 18-253 PeerGroupDown (msdp)

Alarm	Attributes	Applicable major releases
Name: PeerGroupDown (5) Type: ProtocolAlarm (1) Package: msdp Raised on class: msdp.PeerGroup	Severity: critical Implicitly cleared: true Default probable cause: protocolDown (1)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when the Administrative State of a peer group changes from Up to Down. The alarm clears when the Administrative State returns to Up.		
Raising condition: (('Administrative State' EQUAL 'Down'))		
Clearing condition: (('Administrative State' NOT EQUAL 'Down'))		
Remedial action: Turn up the Group.		

Table 18-254 PeerLacIngressEgressFault

Alarm	Attributes	Applicable major releases
Name: PeerLacIngressEgressFault (2929) Type: PeerLacAlarm (98) Package: svt Raised on class: svt.SpokeSdpBinding	Severity: minor Implicitly cleared: true Default probable cause: peerPWStatusBitsChanged (1123)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when the Peer Status is Peer LAC Rx Fault and Peer LAC Tx Fault		
Raising condition: (('Peer State Cause'anyBit'Peer LAC Tx Fault') AND ('Peer State Cause'anyBit'Peer LAC Rx Fault'))		
Clearing condition: NOT (((('Peer State Cause'anyBit'Peer LAC Tx Fault') AND ('Peer State Cause'anyBit'Peer LAC Rx Fault'))		
Remedial action: One of the following conditions exists on the referenced physical interface which must be corrected. A cable/fiber fault exists which must be corrected - check to ensure that the cable is not faulty and is properly connected. The port is faulty - run diagnostics on the port to determine the nature of the fault. If the problem cannot be resolved swap the card containing the port with a card which is known be functional.		

Table 18-255 PersistentIndexParametersMisconfigured

Alarm	Attributes	Applicable major releases
Name: PersistentIndexParametersMisconfigured (173) Type: configurationAlarm (11) Package: netw Raised on class: netw.NetworkElement	Severity: major Implicitly cleared: true Default probable cause: persistentIndexConfigurationMismatch (136)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when persistence is set to Off in the NE BOF.		
Raising condition: (('Persistent SNMP Indices' EQUAL 'False') OR (('hasRedundantProcessorCards' EQUAL 'true') AND ('Redundant Synchronization Mode' EQUAL 'None'))		
Clearing condition: (('Persistent SNMP Indices' EQUAL 'True') AND (('hasRedundantProcessorCards' EQUAL 'false') OR ('Redundant Synchronization Mode' NOT EQUAL 'None'))		
Remedial action: A configuration error has occurred that must be corrected. Use the CLI on the NE to enable persistency in the BOF. The discovery process will complete on the next discovery scan. A re-scan can be triggered immediately for the NE from within the discovery manager		

Table 18-256 PimDown

Alarm	Attributes	Applicable major releases
Name: PimDown (184) Type: ProtocolAlarm (1) Package: pim Raised on class: pim.Site	Severity: critical Implicitly cleared: true Default probable cause: protocolDown (1)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when a PIM site is administratively Up but operationally Down. The alarm is cleared when the PIM site becomes operationally Up but administratively Down.		

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Alarm	Attributes	Applicable major releases
Raising condition: (('Administrative State' EQUAL 'Up') AND ('Operational State' NOT EQUAL 'Up'))		
Clearing condition: (('Operational State' EQUAL 'Up') OR ('Administrative State' NOT EQUAL 'Up'))		
Remedial action: This should never happen. Contact Alcatel-Lucent Customer Support for assistance.		

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Table 18-257 PollerProblem

Alarm	Attributes	Applicable major releases
Name: PollerProblem (31) Type: communicationsAlarm (4) Package: netw Raised on class: netw.NetworkElement	Severity: warning Implicitly cleared: true Default probable cause: resyncFailed (24)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when the 5620 SAM is unable to poll a network object, for example, because of intermittent or no IP connectivity to an NE, incorrect SNMP security parameters, or disabled SNMP on the NE.		
Raising condition: ('Resync Status' EQUAL 'Full Resync Failed')		
Clearing condition: ('Resync Status' EQUAL 'Full Resync Done')		
Remedial action: Informational - if the alarm persists or is occurring frequently then investigation is required to understand a) why the underlying transport network is unreliable or b) why the NE is too busy to respond to 5620 SAM or c) has SNMP been disabled on the NE. Once the issue has been resolved SAM will automatically re-attempt.		

Table 18-258 PoolDepleted

Alarm	Attributes	Applicable major releases
Name: PoolDepleted (3950) Type: configurationAlarm (11) Package: dhcp Raised on class: dhcp.AddressPool	Severity: major Implicitly cleared: false Default probable cause: actualFreeAddrDepleted (1529)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: This alarm is generated when the actual number of free addresses in the DHCP Server Address pool becomes zero.		
Remedial action: This alarm is generated when the actual number of free addresses in a pool becomes zero. Please increase the pool address range or create another address pool.		

Table 18-259 PortEtherSymMonSDAlarm

Alarm	Attributes	Applicable major releases
Name: PortEtherSymMonSDAlarm (5662) Type: communicationsAlarm (4) Package: ethernetequipment Raised on class: ethernetequipment.EthernetPortSpecifics	Severity: major Implicitly cleared: true Default probable cause: etherPortSymMonSDThresholdExceededAlarm (2439)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when an Ethernet port Symbol Monitor Failure alarm condition is detected (Signal Degradation Threshold exceeded).		
Raising condition: ('Symbol Alarm Reason' EQUAL 'SD Threshold Exceeded')		
Clearing condition: ('Symbol Alarm Reason' NOT EQUAL 'SD Threshold Exceeded')		
Remedial action: Symbol monitor signal degradation alarm could be cleared by changing/disabling the associated threshold/multiplier values or it is self clearing and will clear once the error rate drops below 1/10th of the configured rate.		

Table 18-260 PortEtherSymMonSFAlarm

Alarm	Attributes	Applicable major releases
Name: PortEtherSymMonSFAlarm (5663) Type: communicationsAlarm (4) Package: ethernetequipment Raised on class: ethernetequipment.EthernetPortSpecifics	Severity: major Implicitly cleared: true Default probable cause: etherPortSymMonSFThresholdExceededAlarm (2440)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when an Ethernet port Symbol Monitor Failure alarm condition is detected (Signal Failure Threshold exceeded).		
Raising condition: ('Symbol Alarm Reason' EQUAL 'SF Threshold Exceeded')		
Clearing condition: ('Symbol Alarm Reason' NOT EQUAL 'SF Threshold Exceeded')		
Remedial action: Symbol monitor signal failure alarm could be cleared by changing/disabling the associated threshold/multiplier values or by taking the port out of service (eg. shutdown, card/mda reset, physical link loss).		

Table 18-261 PowerSupplyFailure

Alarm	Attributes	Applicable major releases
Name: PowerSupplyFailure (633) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.PowerSupplyTray	Severity: critical Implicitly cleared: true Default probable cause: powerSupplyFailure (117)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when a power-supply tray reports a failure. When the alarm is raised during device discovery, a power-supply tray may be out of service. When the alarm is raised while the device is in the managed state, a power-supply tray may be out of service or the AC power shelf has a fault condition. The alarm clears when the status changes to OK.		
Raising condition: (('Power Supply 1 Status' EQUAL 'Not Equipped') OR ('Power Supply 1 Status' EQUAL 'Failed'))		

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Alarm	Attributes	Applicable major releases
Clearing condition: (('Power Supply 1 Status' EQUAL 'OK'))		
Remedial action: Ensure that the NE is properly connected to power. If the problem persists please contact Alcatel-Lucent support for assistance.		

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Table 18-262 PowerSupplyInputFeedDown

Alarm	Attributes	Applicable major releases
Name: PowerSupplyInputFeedDown (5422) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.PowerSupplyTray	Severity: minor Implicitly cleared: true Default probable cause: powerSupplyInputFeedDown (2073)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: This alarm is generated if any one of the input feeds for a given power supply is not supplying power.		
Raising condition: (('inputFeedStatus' EQUAL 'Input A Down') OR ('inputFeedStatus' EQUAL 'Input B Down') OR (('inputFeedStatus'allBits'Input A Down') AND ('inputFeedStatus'allBits'Input B Down'))		
Clearing condition: ('inputFeedStatus' EQUAL 'None')		
Remedial action: Restore all of the input feeds that are not supplying power.		

Table 18-263 PowerSupplyRemoved

Alarm	Attributes	Applicable major releases
Name: PowerSupplyRemoved (542) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.PowerSupplyTray	Severity: major Implicitly cleared: true Default probable cause: PowerSupplyRemoved (415)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when a chassis power supply is removed.		
Raising condition: ('Power Supply 1 Status' EQUAL 'Not Equipped')		
Clearing condition: ('Power Supply 1 Status' NOT EQUAL 'Not Equipped')		
Remedial action: To recover from this event, the customer is requested to add a new power supply to the system, or change a faulty power supply with a working one.		

Table 18-264 PppLoopbackDetected

Alarm	Attributes	Applicable major releases
Name: PppLoopbackDetected (362) Type: configurationAlarm (11) Package: ppp Raised on class: ppp.Interface	Severity: major Implicitly cleared: true Default probable cause: PppLoopbackDetected (259)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when the value of tmnxPppLocalMagicNumber is the same as the value of tmnxPppRemoteMagicNumber, which indicates that the link may be looped back.		
Raising condition: (('Local Magic Number' EQUAL 'Remote Magic Number') AND ('Local Magic Number' NOT EQUAL '0L'))		
Clearing condition: (('Local Magic Number' NOT EQUAL 'Remote Magic Number') OR ('Local Magic Number' EQUAL '0L'))		
Remedial action: Informational.		

Table 18-265 PrimaryImageBootFailure

Alarm	Attributes	Applicable major releases
Name: PrimaryImageBootFailure (191) Type: configurationAlarm (11) Package: sw Raised on class: sw.CardSoftware	Severity: warning Implicitly cleared: true Default probable cause: bootOptionFileMisconfigured (150)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when the primary software image specified in an NE BOF is unusable.		
Raising condition: (('imageSource' NOT EQUAL 'Primary') AND ('imageSource' NOT EQUAL 'Unknown'))		
Clearing condition: (('imageSource' EQUAL 'Primary') OR ('imageSource' EQUAL 'Unknown'))		
Remedial action: The SW image on the NE may have been inadvertently corrupted. Download a new copy of the SW image to the NE. If the problem persists contact Alcatel-Lucent support for assistance.		

Table 18-266 PrimaryPathLimitReached

Alarm	Attributes	Applicable major releases
Name: PrimaryPathLimitReached (457) Type: resourceAlarm (28) Package: equipment Raised on class: equipment.DaughterCard	Severity: warning Implicitly cleared: true Default probable cause: resourceLimitReached (131)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when the Ingress Multicast Path Management primary path bandwidth limit is reached.		
Raising condition: (('Primary Path Limit Override' > '0') AND ('Primary Path In use' >= (1000 * 'Primary Path Limit Override'))"		
Clearing condition: (('Primary Path Limit Override' > '0') AND ('Primary Path In use' < (1000 * 'Primary Path Limit Override'))"		
Remedial action: Informational - The alarm is raised when the Ingress Multicast Path Management primary path bandwidth limit is reached. This can be remedied by modifying the primary path limit located at T1 Paths tab of the multicast bandwidth policy which assigned to the card, or increase the primary path limit override located at the Daughter Card tab under Daughter Card Slot form.		

Table 18-267 PTPClockNoMasterAlarm

Alarm	Attributes	Applicable major releases
Name: PTPClockNoMasterAlarm (3604) Type: communicationsAlarm (4) Package: ptp Raised on class: ptp.IEEEPTPClock	Severity: major Implicitly cleared: true Default probable cause: PTPClockNoMaster (1393)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when Precision Timing Protocol (PTP) clock does not support PTP timing master.		
Remedial action: Informational- Please verify master clock configuration for timing.		

Table 18-268 PTPNotQualified

Alarm	Attributes	Applicable major releases
Name: PTPNotQualified (3611) Type: communicationsAlarm (4) Package: sonet Raised on class: sonet.SiteSync	Severity: minor Implicitly cleared: true Default probable cause: PTPNotQualified (1400)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when PTP on an NE is not in the Qualified state.		
Raising condition: (('Qualified For Use' EQUAL 'Not Qualified'))		
Clearing condition: (('Qualified For Use' NOT EQUAL 'Not Qualified'))		
Remedial action: Check the communication path is up between the local PTP slave clock and its selected master		

Table 18-269 PTPPeerLossOfAnnounce

Alarm	Attributes	Applicable major releases
Name: PTPPeerLossOfAnnounce (3608) Type: communicationsAlarm (4) Package: ptp Raised on class: ptp.IEEEPTPPeer	Severity: minor Implicitly cleared: true Default probable cause: PTPPeerLossOfAnnounce (1397)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when the PTP peer is in the 'Packet Timing Signal Fail (Loss Announce)' state. This indicates that the PTP announce messages are not received from the remote master.		
Raising condition: (('Master GM Alarms'anyBit'Loss of Announce'))		
Clearing condition: NOT (('Master GM Alarms'anyBit'Loss of Announce'))		
Remedial action: Please check if Configured Peer IP address is reachable (ping <Peer Ip>) from the this SR node and PTP configuration is proper.		

Table 18-270 PTPPeerLossOfSync

Alarm	Attributes	Applicable major releases
Name: PTPPeerLossOfSync (3609) Type: communicationsAlarm (4) Package: ptp Raised on class: ptp.IEEEPTPPeer	Severity: minor Implicitly cleared: true Default probable cause: PTPPeerLossOfSync (1398)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when the PTP peer is in the 'Packet Timing Signal Fail (Loss Sync)' state. This indicates that the PTP timing messages are not received from the remote master.		
Raising condition: (('Master GM Alarms'anyBit'Loss of Sync'))		
Clearing condition: NOT (('Master GM Alarms'anyBit'Loss of Sync'))		
Remedial action: Please check if Configured Peer IP address is reachable (ping <Peer Ip>) from the this SR node and PTP configuration is proper.		

Table 18-271 PTPReferenceLossOfSignal

Alarm	Attributes	Applicable major releases
Name: PTPReferenceLossOfSignal (3613) Type: communicationsAlarm (4) Package: sonet Raised on class: sonet.SiteSync	Severity: minor Implicitly cleared: true Default probable cause: PTPReferenceLossOfSignal (1402)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when the PTP reference on an NE is not qualified due to Loss of Signal.		
Raising condition: (('Not Qualified Due To'anyBit'LOS'))		
Clearing condition: NOT (('Not Qualified Due To'anyBit'LOS'))		
Remedial action: Check the communication path is up between the local PTP slave clock and its selected master		

Table 18-272 PTPReferenceOutOfFrequency

Alarm	Attributes	Applicable major releases
Name: PTPReferenceOutOfFrequency (3614) Type: communicationsAlarm (4) Package: sonet Raised on class: sonet.SiteSync	Severity: minor Implicitly cleared: true Default probable cause: PTPReferenceOutOfFrequency (1403)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when the PTP Reference on an NE is not qualified due to Out of frequency.		
Raising condition: (('Not Qualified Due To'anyBit'OOF'))		
Clearing condition: NOT (('Not Qualified Due To'anyBit'OOF'))		
Remedial action: Make sure that frequency configured for Reference One is correct.		

Table 18-273 PTPReferenceOutOfPollInRange

Alarm	Attributes	Applicable major releases
Name: PTPReferenceOutOfPollInRange (3615) Type: communicationsAlarm (4) Package: sonet Raised on class: sonet.SiteSync	Severity: minor Implicitly cleared: true Default probable cause: PTPReferenceOutOfPollInRange (1404)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when the PTP Reference on an NE is not qualified state due to Out of poll in range.		
Raising condition: (('Not Qualified Due To'anyBit'OOPIR'))		
Clearing condition: NOT (('Not Qualified Due To'anyBit'OOPIR'))		
Remedial action: If there is packet flow, the PTP slave clock is in it's initial acquiring states where the sync-if-timing reference does not qualify just wait.		

Table 18-274 RadiusOperStatusDown

Alarm	Attributes	Applicable major releases
Name: RadiusOperStatusDown (3692) Type: radiusOperStatusDownAlarm (105) Package: netw Raised on class: netw.NetworkElement	Severity: critical Implicitly cleared: true Default probable cause: radiusOperationStatusDown (1431)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when all RADIUS servers have gone down.		
Raising condition: ('Global RADIUS Operational State' EQUAL 'Down')		
Clearing condition: ('Global RADIUS Operational State' EQUAL 'Up')		
Remedial action: Verify the RADIUS server is properly configured and radius server state is up. Check the connectivity between SAM server and radius server configured on the Network element.		

Table 18-275 ReachabilityProblem

Alarm	Attributes	Applicable major releases
Name: ReachabilityProblem (243) Type: communicationsAlarm (4) Package: netw Raised on class: netw.NetworkElement	Severity: major Implicitly cleared: true Default probable cause: ReachabilityTestFailed (176)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when a mediation poll of the SysUpTimeAlarm object on an NE fails, for example, because of network congestion or because the NE is too busy to respond. The probable cause is an unreachable NE Mediation agent on the NE. The polling interval depends on the NE type and is configurable in nms-server.xml. By default, the 5620 SAM polls a managed NE every four minutes. If a poll fails, the alarm is raised. The alarm clears when the 5620 SAM receives a response from the NE, and the 5620 SAM GUI icon that represents the NE turns from red to green.		
Raising condition: ('SNMP Reachability' EQUAL 'Down')		

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Alarm	Attributes	Applicable major releases
Remedial action: Informational - if the alarm persists or is occurring frequently then investigation is required to understand a) why the underlying transport network is unreliable or b) why the NE is too busy to respond to 5620 SAM or c) has SNMP been disabled on the NE. Once the issue has been resolved SAM will automatically re-attempt.		

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Table 18-276 ReconfigFailure

Alarm	Attributes	Applicable major releases
Name: ReconfigFailure (1949) Type: communicationsAlarm (4) Package: netw Raised on class: netw.NetworkElement	Severity: critical Implicitly cleared: true Default probable cause: failedReconfig (937)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: This alarm is raised when the reconfig action failed.		
Raising condition: ('State' EQUAL 'Failed')		
Clearing condition: ('State' NOT EQUAL 'Failed')		
Remedial action: Verify that the object is configured as expected.		

Table 18-277 RedundantMepMisconfiguration

Alarm	Attributes	Applicable major releases
Name: RedundantMepMisconfiguration (3631) Type: oamAlarm (18) Package: ethernetToam Raised on class: ethernetToam.Mep	Severity: minor Implicitly cleared: true Default probable cause: misconfiguredRedundantMep (1416)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when an Active and Redundant MEP do not have the same ID, Operational MAC Address or Sub Group configured.		
Raising condition: ('validRedundantMepConfig' EQUAL 'false')		
Clearing condition: ('validRedundantMepConfig' EQUAL 'true')		
Remedial action: MC-LAG redundant MEP configuration (MEP ID or Mac Address) for Active & Standby Interfaces do not match, this could cause issues with CFM or CCM tests if Active interface changes. Delete and Re-create Standby MEP to match Active.		

Table 18-278 RedundantMepMissing

Alarm	Attributes	Applicable major releases
Name: RedundantMepMissing (3632) Type: oamAlarm (18) Package: ethernetToam Raised on class: ethernetToam.Mep	Severity: minor Implicitly cleared: true Default probable cause: missingRedundantMep (1417)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when a MEP misses a redundant counterpart on LAG or SAP.		
Raising condition: (('MC-LAG Inactive' NOT EQUAL 'Not Applicable') AND ('Redundant MEP' EQUAL '\\"))		
Clearing condition: (('MC-LAG Inactive' EQUAL 'Not Applicable') OR (('MC-LAG Inactive' NOT EQUAL 'Not Applicable') AND ('Redundant MEP' NOT EQUAL '\\")))		
Remedial action: MC-LAG redundant MEP is missing Active & Standby Interfaces, this will cause issues with CFM or CCM tests if Active interface changes. Create missing Active/Standby MEP to match existing.		

Table 18-279 RemoteMepCCMAAlarm

Alarm	Attributes	Applicable major releases
Name: RemoteMepCCMAAlarm (502) Type: oamAlarm (18) Package: ethernetToam Raised on class: ethernetToam.Mep	Severity: major Implicitly cleared: true Default probable cause: missingRemoteMep (388)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when a MEP loses connectivity with one or more remote MEPs. The Remote MEP DB State tab on a MEP lists the missing remote MEPs.		
Raising condition: ('High-Priority Defect' NOT EQUAL '0')		
Clearing condition: ('High-Priority Defect' EQUAL '0')		
Remedial action: MEP has lost communication with Remote MEP defined in Maintenance Association (MEG) Remote MEP list, Either Remote MEP list is incorrect or diagnose connection fault and resolve.		

Table 18-280 RemoteRncvOperDown

Alarm	Attributes	Applicable major releases
Name: RemoteRncvOperDown (522) Type: redundancyAlarm (52) Package: multichassis Raised on class: multichassis.MultiChassisRingNode	Severity: major Implicitly cleared: true Default probable cause: remoteRncvDisconnected (397)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when the remote RNCV Operational State of a ring node is other than Connected or NotTested, which means that the ring node is not connected to the local MC ring group. The alarm clears when the ring node enters the Connected or NotTested state.		
Raising condition: (('Remote Operational State' NOT EQUAL 'Connected') AND ('Remote Operational State' NOT EQUAL 'Not Tested'))		
Clearing condition: (('Remote Operational State' EQUAL 'Connected') OR ('Remote Operational State' EQUAL 'Not Tested'))		

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Alarm	Attributes	Applicable major releases
Remedial action: Make sure that ring node is properly connected to MC ring group.		

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Table 18-281 RipDown

Alarm	Attributes	Applicable major releases
Name: RipDown (72) Type: ProtocolAlarm (1) Package: rip Raised on class: rip.Site	Severity: critical Implicitly cleared: true Default probable cause: protocolDown (1)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when a RIP site has an Operational State other than Up, and the Administrative State is Up.		
Raising condition: (('Administrative State' EQUAL 'Up') AND ('Operational State' NOT EQUAL 'Up'))		
Clearing condition: (('Operational State' EQUAL 'Up') OR ('Administrative State' NOT EQUAL 'Up'))		
Remedial action: The RIP Site is down while it is administratively up. Please check the node e.g. IOM is not shutdown or installed.		

Table 18-282 RouteDistinguisherNotConfigured

Alarm	Attributes	Applicable major releases
Name: RouteDistinguisherNotConfigured (142) Type: configurationAlarm (11) Package: I3fwd Raised on class: I3fwd.ServiceSite	Severity: major Implicitly cleared: true Default probable cause: routeDistinguisherNotConfigured (113)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when no RD is configured for an L3 service site.		
Raising condition: ('routeDistinguisher' EQUAL "\00 00 00 00 00 00 00 00")		
Clearing condition: ('routeDistinguisher' NOT EQUAL "\00 00 00 00 00 00 00 00")		
Remedial action: A configuration error has occurred which must be corrected. The RD must be configured on the L3 Service Site in question.		

Table 18-283 RPKISessionNotEstablished

Alarm	Attributes	Applicable major releases
Name: RPKISessionNotEstablished (8136) Type: communicationsAlarm (4) Package: rtr Raised on class: rtr.RpkiSession	Severity: major Implicitly cleared: true Default probable cause: RPKISessionNotEstablished (2532)	<ul style="list-style-type: none"> • 12.0
Description: The notification alarm is raised when the RPKI Session is not established.		

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Alarm	Attributes	Applicable major releases
Raising condition: (('Session State' NOT EQUAL 'Established'))		
Clearing condition: (('Session State' EQUAL 'Established'))		
Remedial action: Make sure that the Cache server is reachable and is configured properly.		

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Table 18-284 RsvpDown

Alarm	Attributes	Applicable major releases
Name: RsvpDown (74) Type: ProtocolAlarm (1) Package: rsvp Raised on class: rsvp.Site	Severity: critical Implicitly cleared: true Default probable cause: protocolDown (1)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when an RSVP site has an Operational State other than Up, and the Administrative State is Up.		
Raising condition: (('Administrative State' EQUAL 'Up') AND ('Operational State' NOT EQUAL 'Up'))		
Clearing condition: (('Operational State' EQUAL 'Up') OR ('Administrative State' NOT EQUAL 'Up'))		
Remedial action: The RSVP Site is down while it is administratively up. Please check MPLS is enabled and administratively up.		

Table 18-285 RxSectionSynchronizationError

Alarm	Attributes	Applicable major releases
Name: RxSectionSynchronizationError (93) Type: communicationsAlarm (4) Package: sonetequipment Raised on class: sonetequipment.SonetPortMonitorSpecifics	Severity: major Implicitly cleared: true Default probable cause: rxSectionSynchronizationError (79)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when a SONET port reports a section synchronization failure. A section synchronization failure occurs when the S1 byte is inconsistent for eight consecutive frames.		
Raising condition: (('Outstanding Alarms'anyBit'RX Section Synchronization Error') AND ('Report Alarms'anyBit'RX Section Synchronization Error'))		
Clearing condition: NOT (('Outstanding Alarms'anyBit'RX Section Synchronization Error') AND ('Report Alarms'anyBit'RX Section Synchronization Error'))		
Remedial action: Check the link status between SONET Port and the source.		

Table 18-286 S2LPathBypassTunnelActive

Alarm	Attributes	Applicable major releases
Name: S2LPathBypassTunnelActive (777) Type: pathAlarm (12) Package: mpls Raised on class: mpls.S2LPath	Severity: warning Implicitly cleared: true Default probable cause: S2LPathReroutedToBypassTunnel (552)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when the bypass tunnel in an S2L path becomes active. The alarm clears when the bypass tunnel is no longer active, for example, because a primary tunnel failure is resolved or a new path is established.		
Raising condition: ('Bypass Tunnel Active' EQUAL 'true')		
Clearing condition: ('Bypass Tunnel Active' EQUAL 'false')		
Remedial action: Check what caused primary tunnel is down and fix it if possible.		

Table 18-287 S2LPathDown

Alarm	Attributes	Applicable major releases
Name: S2LPathDown (778) Type: pathAlarm (12) Package: mpls Raised on class: mpls.S2LPath	Severity: major Implicitly cleared: true Default probable cause: S2LPathDown (553)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when the S2L path Administrative State is Up and the Operational State is not Up. The alarm clears when the S2L path Operational State changes to Up or the Administrative State changes to Down.		
Raising condition: (('Administrative' EQUAL 'Up') AND ('Operational' NOT EQUAL 'Up'))		
Clearing condition: (('Operational' EQUAL 'Up') OR ('Administrative' NOT EQUAL 'Up'))		
Remedial action: Check the failure code and update accordingly, e.g. whether MPLS/RSVP interfaces, OSPF interfaces are down.		

Table 18-288 SapDDosDynamicExceeded

Alarm	Attributes	Applicable major releases
Name: SapDDosDynamicExceeded (4890) Type: securityServiceOrMechanismViolation (92) Package: service Raised on class: service.AccessInterface	Severity: warning Implicitly cleared: true Default probable cause: ExceedingPolicingParameters (1950)	<ul style="list-style-type: none"> • 11.0 • 12.0
Description: The alarm is raised when the protocol on a particular SAP has been detected as non-conformant to the associated distributed CPU protection policy parameters (on receiving sapDcpDynamicExcd trap) and the alarm status is set as non-conformant. When the SAP starts hold-down period for an exceeding protocol (on receiving sapDcpDynamicHoldDownStart trap), the alarm status will change into non-conformant(Hold Down Start). When the SAP completes hold-down period for an exceeding protocol (on receiving sapDcpDynamicHoldDownEnd trap), the alarm status will be changed into non-conformant(Hold Down End). When the protocol for the SAP has been detected as conformant for a period of the configured detection-time after having been previously detected as exceeding and completed any hold-down period (on receiving sapDcpDynamicConform trap), the alarm will be cleared.		

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Alarm	Attributes	Applicable major releases
Remedial action: Appropriate configuration changes to the distributed CPU protection policy or to the affected SAP may be required.		

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Table 18-289 SapDDosLocMonitorExceeded

Alarm	Attributes	Applicable major releases
Name: SapDDosLocMonitorExceeded (4891) Type: securityServiceOrMechanismViolation (92) Package: service Raised on class: service.AccessInterface	Severity: warning Implicitly cleared: true Default probable cause: ExceedingPolicingParameters (1950)	<ul style="list-style-type: none"> • 11.0 • 12.0
Description: The alarm is raised when the local-monitoring-policer for a particular SAP has transitioned from a conformant state to a non-conformant state and the system will attempt to allocate dynamic enforcement policers (on receiving sapDcpLocMonExcd trap), and the alarm status is set as non-conformant When all dynamic enforcement policers associated with a non-conformant local-monitoring-policer have been successfully allocated for the SAP (on receiving sapDcpLocMonExcdAllDynAlloc trap), the alarm status will be changed into non-conformant(Located All). When the local-monitoring-policer for a particular SAP has transitioned from a conformant state to a non-conformant state and the system cannot allocate all the dynamic enforcement policers associated with the distributed CPU protection policy (on receiving sapDcpLocMonExcdDynResource trap), the alarm status will be changed into non-conformant(Cannot Allocate All). When all the previously allocated dynamic enforcement policers for a particular local-monitoring-policer on the associated distributed CPU protection policy have been freed up and all the protocols are once again being monitored by local-monitor (on receiving sapDcpLocMonExcdAllDynFreed trap), the alarm will be cleared.		
Remedial action: Appropriate configuration changes to the distributed CPU protection policy or to the affected SAP may be required.		

Table 18-290 SapDDosStaticExceeded

Alarm	Attributes	Applicable major releases
Name: SapDDosStaticExceeded (4892) Type: securityServiceOrMechanismViolation (92) Package: service Raised on class: service.AccessInterface	Severity: warning Implicitly cleared: true Default probable cause: ExceedingPolicingParameters (1950)	<ul style="list-style-type: none"> • 11.0 • 12.0
Description: The alarm is raised when the static-policer on a particular SAP has been detected as non-conformant to the associated distributed CPU protection policy parameters (on receiving sapDcpStaticExcd trap) and the alarm status is set as non-conformant. When the SAP starts hold-down period for the exceeding static-policer (on receiving sapDcpStaticHoldDownStart trap), the alarm status will change into non-conformant(Hold Down Start). When the SAP ends hold-down period for the exceeding static-policer (on receiving sapDcpStaticHoldDownEnd trap), the alarm status will be changed into non-conformant(Hold Down End). When the static-policer for the SAP has been detected as conformant for a period of the configured detection-time after having been previously detected as exceeding and completed any hold-down period (on receiving sapDcpStaticConform trap), the alarm will be cleared.		
Remedial action: Appropriate configuration changes to the distributed CPU protection policy or to the affected SAP may be required.		

Table 18-291 SaveConfigFailed

Alarm	Attributes	Applicable major releases
Name: SaveConfigFailed (105) Type: configurationAlarm (11) Package: sw Raised on class: sw.BackupRestoreManager	Severity: major Implicitly cleared: true Default probable cause: fileAccessError (90)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when the admin save command on an NE fails.		
Raising condition: ('Config Save State' EQUAL 'Failure')		
Clearing condition: ('Config Save State' EQUAL 'Success')		
Remedial action: Attempt the admin save command a second time. If the problem persists please contact Alcatel-Lucent support for assistance.		

Table 18-292 ScheduledPollerProblem

Alarm	Attributes	Applicable major releases
Name: ScheduledPollerProblem (4386) Type: communicationsAlarm (4) Package: netw Raised on class: netw.NetworkElement	Severity: warning Implicitly cleared: true Default probable cause: scheduledResyncFailed (1569)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when the 5620 SAM is unable to poll a network object, for example, because of intermittent or no IP connectivity to an NE, incorrect SNMP security parameters, or disabled SNMP on the NE.		
Raising condition: ('Scheduled Resync Status' EQUAL 'Scheduled Resync Failed')		
Clearing condition: ('Scheduled Resync Status' EQUAL 'Scheduled Resync Done')		
Remedial action: Informational - if the alarm persists or is occurring frequently then investigation is required to understand a) why the underlying transport network is unreliable or b) why the NE is too busy to respond to 5620 SAM or c) has SNMP been disabled on the NE. Once the issue has been resolved SAM will automatically re-attempt.		

Table 18-293 SdpBindingDown

Alarm	Attributes	Applicable major releases
Name: SdpBindingDown (221) Type: SdpBindingAlarm (30) Package: svt Raised on class: svt.SdpBinding	Severity: critical Implicitly cleared: true Default probable cause: SdpBindingNotReady (166)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when an SDP binding has an Operational State other than Up.		
Raising condition: (('Operational State' NOT EQUAL 'Up') AND ('State Cause' NOT EQUAL 'Standby For BGP Multi-Homing'))		
Clearing condition: (('Operational State' EQUAL 'Up') OR ('State Cause' EQUAL 'Standby For BGP Multi-Homing'))		

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Alarm	Attributes	Applicable major releases
Remedial action: To resolve this alarm check the SDP binding to determine if a configuration mismatch exists. If configuration is determined to be correct then the associated network interface may be down. Further investigation is required to determine why the underlying network interface is down.		

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Table 18-294 SdpBindingTunnelDown

Alarm	Attributes	Applicable major releases
Name: SdpBindingTunnelDown (222) Type: CircuitAlarm (17) Package: svt Raised on class: svt.SdpBinding	Severity: critical Implicitly cleared: true Default probable cause: SdpTunnelNotReady (167)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when an SDP binding tunnel has an Operational State other than Up.		
Raising condition: (('Operational State' EQUAL 'Tunnel Not Ready') OR ('Operational State' EQUAL 'Tunnel Down'))		
Clearing condition: (('Operational State' NOT EQUAL 'Tunnel Not Ready') AND ('Operational State' NOT EQUAL 'Tunnel Down'))		
Remedial action: To resolve this alarm check the endpoints of the SDP binding to determine if a configuration mismatch exists. If configuration matches then the underlying network resource between the endpoints of the SDP may be down. Further investigation is required to determine why the underlying transport network is down.		

Table 18-295 SdpEgressIfsNetDomainInConsistent

Alarm	Attributes	Applicable major releases
Name: SdpEgressIfsNetDomainInConsistent (3616) Type: resourceAlarm (28) Package: svt Raised on class: svt.Tunnel	Severity: warning Implicitly cleared: true Default probable cause: sdpEgressIfsNetDomainInConsistent (1405)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when the SDP egress interface's consistency state changes to inconsistent.		
Raising condition: ('Egress Interfaces Consistency State' EQUAL '3')		
Clearing condition: ('Egress Interfaces Consistency State' EQUAL '2')		
Remedial action: To resolve this alarm check egress interfaces of the SDP configuration. If configuration is determined to be correct check underlying physical transport. Further investigation is required.		

Table 18-296 SecondaryPathLimitReached

Alarm	Attributes	Applicable major releases
Name: SecondaryPathLimitReached (458) Type: resourceAlarm (28) Package: equipment Raised on class: equipment.DaughterCard	Severity: warning Implicitly cleared: true Default probable cause: resourceLimitReached (131)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when the Ingress Multicast Path Management secondary path bandwidth limit is reached.		
Raising condition: (('Secondary Path Limit Override' > '0') AND ('Secondary Path In use' >= (1000 * 'Secondary Path Limit Override'))"		
Clearing condition: (('Secondary Path Limit Override' > '0') AND ('Secondary Path In use' < (1000 * 'Secondary Path Limit Override'))"		
Remedial action: Informational - The alarm is raised when the Ingress Multicast Path Management secondary path bandwidth limit is reached. This can be remedied by modifying the secondary path limit located at T1 Paths tab of the multicast bandwidth policy which assigned to the card, or increase the secondary path limit override located at the Daughter Card tab under Daughter Card Slot form.		

Table 18-297 SectionB1Error

Alarm	Attributes	Applicable major releases
Name: SectionB1Error (87) Type: communicationsAlarm (4) Package: sonetequipment Raised on class: sonetequipment.SonetPortMonitorSpecifics	Severity: major Implicitly cleared: true Default probable cause: sectionB1Error (73)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when a SONET port reports a section error condition that a remote NE raises because of b1 errors received from the local NE. The alarm corresponds to the lrei alarm on an NE.		
Raising condition: (('Outstanding Alarms'anyBit'Section B1 Error') AND ('Report Alarms'anyBit'Section B1 Error'))		
Clearing condition: NOT (('Outstanding Alarms'anyBit'Section B1 Error') AND ('Report Alarms'anyBit'Section B1 Error'))		
Remedial action: Check the SONET port is configured correctly and that the physical layer cabling is operating correctly. Call customer support if necessary.		

Table 18-298 SectionLossOfFrame

Alarm	Attributes	Applicable major releases
Name: SectionLossOfFrame (90) Type: communicationsAlarm (4) Package: sonetequipment Raised on class: sonetequipment.SonetPortMonitorSpecifics	Severity: major Implicitly cleared: true Default probable cause: sectionLossOfFrame (76)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when a SONET port reports a SLOF error. The alarm corresponds to the slof alarm on an NE.		
Raising condition: (('Outstanding Alarms'anyBit'Section Loss of Frame') AND ('Report Alarms'anyBit'Section Loss of Frame'))		

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Alarm	Attributes	Applicable major releases
Clearing condition: NOT (((('Outstanding Alarms'anyBit'Section Loss of Frame') AND ('Report Alarms'anyBit'Section Loss of Frame'))))		
Remedial action: One of the following conditions exists on the referenced physical interface which must be corrected. A cable/fiber fault exists which must be corrected - check to ensure that the cable is not faulty and is properly connected.		

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Table 18-299 SectionLossOfSignal

Alarm	Attributes	Applicable major releases
Name: SectionLossOfSignal (91) Type: communicationsAlarm (4) Package: sonetequipment Raised on class: sonetequipment.SonetPortMonitorSpecifics	Severity: major Implicitly cleared: true Default probable cause: sectionLossOfSignal (77)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when a SONET port reports a SLOS error. The alarm corresponds to the slos alarm on an NE.		
Raising condition: (('Outstanding Alarms'anyBit'Section Loss of Signal') AND ('Report Alarms'anyBit'Section Loss of Signal'))		
Clearing condition: NOT (((('Outstanding Alarms'anyBit'Section Loss of Signal') AND ('Report Alarms'anyBit'Section Loss of Signal'))))		
Remedial action: One of the following conditions exists on the referenced physical interface which must be corrected. A cable/fiber fault exists which must be corrected - check to ensure that the cable is not faulty and is properly connected.		

Table 18-300 SectionS1Failure

Alarm	Attributes	Applicable major releases
Name: SectionS1Failure (86) Type: communicationsAlarm (4) Package: sonetequipment Raised on class: sonetequipment.SonetPortMonitorSpecifics	Severity: major Implicitly cleared: true Default probable cause: sectionS1Failure (72)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when a SONET port reports a section synchronization failure. A section synchronization failure occurs when the S1 byte is inconsistent for eight consecutive frames.		
Raising condition: (('Outstanding Alarms'anyBit'Section S1 Failure') AND ('Report Alarms'anyBit'Section S1 Failure'))		
Clearing condition: NOT (((('Outstanding Alarms'anyBit'Section S1 Failure') AND ('Report Alarms'anyBit'Section S1 Failure'))))		
Remedial action: Check the SONET port is configured correctly and that the physical layer cabling is operating correctly. Call customer support if necessary.		

Table 18-301 ServiceSiteDown

Alarm	Attributes	Applicable major releases
Name: ServiceSiteDown (97) Type: serviceAlarm (16) Package: service Raised on class: service.Site	Severity: critical Implicitly cleared: true Default probable cause: siteDown (83)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when all SAPs on a site are operationally down, or when the service tunnels for the site are operationally down.		
Raising condition: (('Operational State' NOT EQUAL 'Up') AND ('State Cause' NOT EQUAL 'All Spoke SDP Bindings are Standby'))		
Clearing condition: (('Operational State' EQUAL 'Up') OR ('State Cause' EQUAL 'All Spoke SDP Bindings are Standby'))		
Remedial action: The network resources (i.e. physical ports for SAPs, or physical ports/LSP) associated with the service site should be examined to determine if/why they are operationally down. The underlying transport network supporting the site may also be unreliable.		

Table 18-302 SessionDown

Alarm	Attributes	Applicable major releases
Name: SessionDown (73) Type: ProtocolAlarm (1) Package: rsvp Raised on class: rsvp.Session	Severity: critical Implicitly cleared: true Default probable cause: interfaceDown (32)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when an RSVP session is operationally down.		
Raising condition: ('Operational State' EQUAL 'Down')		
Clearing condition: ('Operational State' EQUAL 'Up')		
Remedial action: Please check the RSVP session path to make sure all associated protocols/interfaces/connections are OK.		

Table 18-303 ShamLinkDown

Alarm	Attributes	Applicable major releases
Name: ShamLinkDown (665) Type: ShamLinkAlarm (57) Package: ospf Raised on class: ospf.ShamLink	Severity: critical Implicitly cleared: true Default probable cause: ShamLinkDown (492)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when a sham link is operationally down.		
Raising condition: ('Operational State' EQUAL 'Down')		
Clearing condition: ('Operational State' NOT EQUAL 'Down')		

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Alarm	Attributes	Applicable major releases
<p>Remedial action: This alarm is raised when the OSPF sham link is operationally down. The situation may occur if the underlying physical interface is down either because of administrative disabling or a fault on the far end port or due to a cable connection or cable failure. This alarm will also be raised if the underlying transport network fails or is unreliable. Resolving the underlying instability in the transport network will correct this problem.</p>		

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Table 18-304 SingleSFMOverloadDetected

Alarm	Attributes	Applicable major releases
<p>Name: SingleSFMOverloadDetected (843) Type: ProtocolAlarm (1) Package: I3fwd Raised on class: I3fwd.Site</p>	<p>Severity: major Implicitly cleared: true Default probable cause: singleSfmOverloadDetected (601)</p>	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
<p>Description: The alarm is raised when a device reports a single-SFM overload. The alarm clears when the VR exits the Overload state.</p>		
<p>Raising condition: ('Overload State' EQUAL 'Overload')</p>		
<p>Clearing condition: ('Overload State' EQUAL 'Normal')</p>		
<p>Remedial action: Information - if the the problem persists please contact Alcatel-Lucent support for assistance.</p>		

Table 18-305 SonetPathAlarmIndicationSignal

Alarm	Attributes	Applicable major releases
<p>Name: SonetPathAlarmIndicationSignal (129) Type: communicationsAlarm (4) Package: sonetequipment Raised on class: sonetequipment.SonetChannelMonitorSpecifics</p>	<p>Severity: major Implicitly cleared: true Default probable cause: pathAlarmIndicationSignal (63)</p>	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
<p>Description: The alarm is raised when a SONET port reports a PAIS error. The alarm corresponds to the pais alarm on an NE.</p>		
<p>Raising condition: (('Outstanding Alarms'anyBit'Path Alarm Indication Signal') AND ('Report Alarms'anyBit'Path Alarm Indication Signal'))</p>		
<p>Clearing condition: NOT (('Outstanding Alarms'anyBit'Path Alarm Indication Signal') AND ('Report Alarms'anyBit'Path Alarm Indication Signal'))</p>		
<p>Remedial action: Check the SONET port is configured correctly and that the physical layer cabling is operating correctly. Call customer support if necessary.</p>		

Table 18-306 SonetPathB3Error

Alarm	Attributes	Applicable major releases
Name: SonetPathB3Error (132) Type: communicationsAlarm (4) Package: sonetequipment Raised on class: sonetequipment.SonetChannelMonitorSpecifics	Severity: major Implicitly cleared: true Default probable cause: pathB3Error (66)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when a SONET port reports a path error condition because of b3 errors. The alarm corresponds to the prei alarm on an NE.		
Raising condition: (('Outstanding Alarms'anyBit'Path B3 error') AND ('Report Alarms'anyBit'Path B3 error'))		
Clearing condition: NOT (((('Outstanding Alarms'anyBit'Path B3 error') AND ('Report Alarms'anyBit'Path B3 error'))		
Remedial action: Check the SONET port is configured correctly and that the physical layer cabling is operating correctly. Call customer support if necessary.		

Table 18-307 SonetPathLossOfCodegroupDelineationError

Alarm	Attributes	Applicable major releases
Name: SonetPathLossOfCodegroupDelineationError (248) Type: communicationsAlarm (4) Package: sonetequipment Raised on class: sonetequipment.SonetChannelMonitorSpecifics	Severity: major Implicitly cleared: true Default probable cause: pathLossOfCodegroupDelineationError (185)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when a SONET port reports a PLCD error. The alarm corresponds to the plcd alarm on an NE.		
Raising condition: (('Outstanding Alarms'anyBit'Path Loss of Codegroup Delineation Error') AND ('Report Alarms'anyBit'Path Loss of Codegroup Delineation Error'))		
Clearing condition: NOT (((('Outstanding Alarms'anyBit'Path Loss of Codegroup Delineation Error') AND ('Report Alarms'anyBit'Path Loss of Codegroup Delineation Error'))		
Remedial action: Check the SONET port is configured correctly and that the physical layer cabling is operating correctly. Call customer support if necessary.		

Table 18-308 SonetPathLossOfPointer

Alarm	Attributes	Applicable major releases
Name: SonetPathLossOfPointer (130) Type: communicationsAlarm (4) Package: sonetequipment Raised on class: sonetequipment.SonetChannelMonitorSpecifics	Severity: major Implicitly cleared: true Default probable cause: pathLossOfPointer (64)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when a SONET port reports a PLOP error. The alarm corresponds to the plop alarm on an NE.		

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Alarm	Attributes	Applicable major releases
Raising condition: (('Outstanding Alarms'anyBit'Path Loss of Pointer') AND ('Report Alarms'anyBit'Path Loss of Pointer'))		
Clearing condition: NOT (('Outstanding Alarms'anyBit'Path Loss of Pointer') AND ('Report Alarms'anyBit'Path Loss of Pointer'))		
Remedial action: Check the SONET port is configured correctly and that the physical layer cabling is operating correctly. Call customer support if necessary.		

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Table 18-309 SonetPathPayloadMismatch

Alarm	Attributes	Applicable major releases
Name: SonetPathPayloadMismatch (133) Type: communicationsAlarm (4) Package: sonetequipment Raised on class: sonetequipment.SonetChannelMonitorSpecifics	Severity: major Implicitly cleared: true Default probable cause: pathPayloadMismatch (67)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when a SONET port reports a PPLM error on a channel, after which the channel is set operationally down. The alarm corresponds to the pplm alarm on an NE.		
Raising condition: (('Outstanding Alarms'anyBit'Path Payload Mismatch') AND ('Report Alarms'anyBit'Path Payload Mismatch'))		
Clearing condition: NOT (('Outstanding Alarms'anyBit'Path Payload Mismatch') AND ('Report Alarms'anyBit'Path Payload Mismatch'))		
Remedial action: Informational only.		

Table 18-310 SonetPathRemoteB3Error

Alarm	Attributes	Applicable major releases
Name: SonetPathRemoteB3Error (134) Type: communicationsAlarm (4) Package: sonetequipment Raised on class: sonetequipment.SonetChannelMonitorSpecifics	Severity: major Implicitly cleared: true Default probable cause: pathRemoteB3Error (68)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when a SONET port reports a path error condition that a remote NE raises because of b3 errors received from the local NE. The alarm corresponds to the prei alarm on an NE.		
Raising condition: (('Outstanding Alarms'anyBit'Path Remote B3 Error') AND ('Report Alarms'anyBit'Path Remote B3 Error'))		
Clearing condition: NOT (('Outstanding Alarms'anyBit'Path Remote B3 Error') AND ('Report Alarms'anyBit'Path Remote B3 Error'))		
Remedial action: Check the remote NE is configured correctly and its physical layer cabling is operating correctly.		

Table 18-311 SonetPathRemoteDefectIndication

Alarm	Attributes	Applicable major releases
Name: SonetPathRemoteDefectIndication (131) Type: communicationsAlarm (4) Package: sonetequipment Raised on class: sonetequipment.SonetChannelMonitorSpecifics	Severity: major Implicitly cleared: true Default probable cause: pathRemoteDefectIndication (65)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when a SONET port reports a remote PAIS error. The alarm corresponds to the pais alarm on an NE.		
Raising condition: (('Outstanding Alarms'anyBit'Path Remote Defect Indication') AND ('Report Alarms'anyBit'Path Remote Defect Indication'))		
Clearing condition: NOT (('Outstanding Alarms'anyBit'Path Remote Defect Indication') AND ('Report Alarms'anyBit'Path Remote Defect Indication'))		
Remedial action: Check the SONET port is configured correctly and that the physical layer cabling is operating correctly. Call customer support if necessary.		

Table 18-312 SonetPathUnequippedPathError

Alarm	Attributes	Applicable major releases
Name: SonetPathUnequippedPathError (143) Type: communicationsAlarm (4) Package: sonetequipment Raised on class: sonetequipment.SonetChannelMonitorSpecifics	Severity: major Implicitly cleared: true Default probable cause: pathUnequippedPathError (114)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when a SONET port reports a path unequipped error. The alarm corresponds to the Path Alarm Unequipped Path Error alarm on an NE.		
Raising condition: (('Outstanding Alarms'anyBit'Path Alarm Unequipped Path Error') AND ('Report Alarms'anyBit'Path Alarm Unequipped Path Error'))		
Clearing condition: NOT (('Outstanding Alarms'anyBit'Path Alarm Unequipped Path Error') AND ('Report Alarms'anyBit'Path Alarm Unequipped Path Error'))		
Remedial action: Check the SONET port is configured correctly and that the physical layer cabling is operating correctly. Call customer support if necessary.		

Table 18-313 SpbAdjacencyDown

Alarm	Attributes	Applicable major releases
Name: SpbAdjacencyDown (4392) Type: adjacencyAlarm (31) Package: spb Raised on class: spb.AbstractInterface	Severity: minor Implicitly cleared: true Default probable cause: IsisInterfaceDown (232)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0
Description: The alarm is raised when an SPB IS-IS interface has no adjacencies, for example, because the IS-IS protocol on the remote site is down.		

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Alarm	Attributes	Applicable major releases
Raising condition: (('Adjacency Count' EQUAL '0L'))		
Clearing condition: (('Adjacency Count' > '0L'))		
Remedial action: Check remote site to see if corresponding IS-IS interface is configured and admin up.		

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Table 18-314 SpbInterfaceDown

Alarm	Attributes	Applicable major releases
Name: SpbInterfaceDown (4393) Type: ProtocolAlarm (1) Package: spb Raised on class: spb.AbstractInterface	Severity: warning Implicitly cleared: true Default probable cause: protocolDown (1)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0
Description: The alarm is raised when an SPB IS-IS interface has an Operational State other than Up.		
Raising condition: ('operationalState' EQUAL 'Down')		
Clearing condition: ('operationalState' NOT EQUAL 'Down')		
Remedial action: Check if underlying port is down, or associated network interface is down.		

Table 18-315 SpbSiteDown

Alarm	Attributes	Applicable major releases
Name: SpbSiteDown (4396) Type: ProtocolAlarm (1) Package: spb Raised on class: spb.Site	Severity: critical Implicitly cleared: true Default probable cause: protocolDown (1)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0
Description: The alarm is raised when an SPB site has an Operational State other than Up.		
Raising condition: ('Operational State' NOT EQUAL 'Up')		
Clearing condition: ('Operational State' EQUAL 'Up')		
Remedial action: Check if the administrative state is down. If the administrative state is up, then check the ISIS instance associated with the SPB and make sure it is up.		

Table 18-316 StatsRetrieveFailed

Alarm	Attributes	Applicable major releases
Name: StatsRetrieveFailed (244) Type: configurationAlarm (11) Package: sw Raised on class: sw.AccountingStatsRetrievalManager	Severity: major Implicitly cleared: false Default probable cause: fileTransferFailure (89)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when the 5620 SAM main or auxiliary server cannot transfer an accounting file from an NE.		
Raising condition: (('Stats Retrieval State' NOT EQUAL 'Success') AND ('Stats Retrieval State' NOT EQUAL 'Not Attempted'))		
Remedial action: Informational - if the alarm persists or is occurring frequently then investigation is required to understand a) why the underlying transport network is unreliable or b) why the NE is too busy or otherwise cannot respond to the 5620 SAM main or auxiliary server.		

Table 18-317 StpExceptionCondition

Alarm	Attributes	Applicable major releases
Name: StpExceptionCondition (297) Type: AccessInterfaceAlarm (32) Package: I2fwd Raised on class: I2fwd.AccessInterfaceStp	Severity: major Implicitly cleared: true Default probable cause: StpException (228)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when a SAP detects an STP exception condition, for example, one-way communication or a downstream loop. The alarm clears when the STP condition changes.		
Raising condition: (('STP Exception Condition' NOT EQUAL 'None') AND ('Administrative State' EQUAL 'Up'))		
Clearing condition: (('STP Exception Condition' EQUAL 'None') OR ('Administrative State' EQUAL 'Down'))		
Remedial action: Check 'STP Exception Condition' field for more details and fix the STP exception.		

Table 18-318 StpRootGuardViolation

Alarm	Attributes	Applicable major releases
Name: StpRootGuardViolation (503) Type: AccessInterfaceAlarm (32) Package: I2fwd Raised on class: I2fwd.AccessInterfaceStp	Severity: warning Implicitly cleared: true Default probable cause: spanningTreeTopologyChanged (331)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when a SAP detects an STP root guard violation.		
Raising condition: ('Root Guard Violation' EQUAL 'true')		
Clearing condition: ('Root Guard Violation' NOT EQUAL 'true')		
Remedial action: Set 'Root Guard' to false if not necessary.		

Table 18-319 SubHostLcktLimitReached

Alarm	Attributes	Applicable major releases
Name: SubHostLcktLimitReached (4387) Type: configurationAlarm (11) Package: netw Raised on class: netw.NetworkElement	Severity: major Implicitly cleared: false Default probable cause: tmnxSubHostLcktLimitReached (1570)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0
Description: This alarm is raised when the system wide maximum number of lockout hosts is reached.		
Remedial action: Please do one of the following: 1. Investigate why the hosts are locked out. Possible reasons include authentication failure due to mis-configuration on the host end, mis-configuration on the BNG, missing or invalid configuration on the RADIUS server, session negotiation failure with the client, resource exhaustion on the BNG, unavailability of RADIUS server (and no fallback configured). 2. Clear the host lockout.		

Table 18-320 SubHostLcktSapLimitReached

Alarm	Attributes	Applicable major releases
Name: SubHostLcktSapLimitReached (4391) Type: configurationAlarm (11) Package: service Raised on class: service.AccessInterface	Severity: minor Implicitly cleared: false Default probable cause: tmnxSubHostLcktSapLimitReached (1572)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0
Description: This alarm is raised when the maximum number of lockout hosts on a given SAP is reached.		
Remedial action: Please do one of the following: 1. Investigate why the hosts are locked out. Possible reasons include authentication failure due to mis-configuration on the host end, mis-configuration on the BNG, missing or invalid configuration on the RADIUS server, session negotiation failure with the client, resource exhaustion on the BNG, unavailability of RADIUS server (and no fallback configured). 2. Clear the host lockout on the SAP. 3. Change the Maximum Lockout Hosts (per SAP).		

Table 18-321 SubnetDepleted

Alarm	Attributes	Applicable major releases
Name: SubnetDepleted (3953) Type: configurationAlarm (11) Package: dhcp Raised on class: dhcp.Subnet	Severity: major Implicitly cleared: false Default probable cause: actualFreeAddrDepleted (1529)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: This alarm is generated when the actual number of free addresses in the DHCP Server Subnet becomes zero.		
Remedial action: This alarm is generated when the actual number of free addresses in a subnet becomes zero. Please create another subnet.		

Table 18-322 SubscriberInterfaceDown

Alarm	Attributes	Applicable major releases
Name: SubscriberInterfaceDown (440) Type: SubscriberInterfaceAlarm (43) Package: service Raised on class: service.SubscriberInterface	Severity: critical Implicitly cleared: true Default probable cause: interfaceDown (32)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when a subscriber interface is operationally down. The alarm clears when the subscriber interface is operationally up.		
Raising condition: ('operationalState' NOT EQUAL 'Up')		
Clearing condition: ('operationalState' EQUAL 'Up')		
Remedial action: Check the configuration and the underlying physical interface.		

Table 18-323 SubscriberSystemNextHopUsageHigh

Alarm	Attributes	Applicable major releases
Name: SubscriberSystemNextHopUsageHigh (5157) Type: thresholdCrossed (6) Package: netw Raised on class: netw.NetworkElement	Severity: minor Implicitly cleared: true Default probable cause: resourceFull (53)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when the IP next-hop usage by subscriber managed routes reaches its high watermark, cleared when it reaches its low watermark again; the watermarks are derived from the limit specified with the property subSysNextHopLimit.		
Raising condition: ('IP Next Hop Usage High' EQUAL 'true')		
Clearing condition: ('IP Next Hop Usage High' EQUAL 'false')		
Remedial action: The alarm is raised when the IP next-hop usage by subscriber managed routes reaches its high watermark, cleared when it reaches its low watermark again; the watermarks are derived from the limit specified with the property subSysNextHopLimit. There is no immediate effect, but when the usage actually hits the limit, new hosts will not get their managed routes.		

Table 18-324 SubSysChassMemoryUsageHi

Alarm	Attributes	Applicable major releases
Name: SubSysChassMemoryUsageHi (5656) Type: thresholdCrossed (6) Package: equipment Raised on class: equipment.Shelf	Severity: minor Implicitly cleared: true Default probable cause: resourceFull (53)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: This alarm is raised when the memory usage by subscriber management on this system or chassis reaches its high watermark ('true').		
Raising condition: ('Memory Usage High' EQUAL 'True')		

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Alarm	Attributes	Applicable major releases
Clearing condition: (('Memory Usage High' EQUAL 'False') OR ('Memory Usage High' EQUAL 'unspecified'))		
Remedial action: The memory usage by subscriber management on this system has reached its high watermark. Please check your memory usage.		

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Table 18-325 svcMacFdbTableFull

Alarm	Attributes	Applicable major releases
Name: svcMacFdbTableFull (3890) Type: resourceAlarm (28) Package: netw Raised on class: netw.NetworkElement	Severity: major Implicitly cleared: true Default probable cause: resourceLimitReached (131)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when the system limit of FDB records is reached.		
Remedial action: The alarm is raised when system limit of FDB records is reached.		

Table 18-326 TemperatureThresholdCrossed

Alarm	Attributes	Applicable major releases
Name: TemperatureThresholdCrossed (7) Type: environmentalAlarm (2) Package: equipment Raised on class: equipment.Environment	Severity: major Implicitly cleared: true Default probable cause: equipmentOverheated (5)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when a temperature crosses a threshold.		
Raising condition: ('temperatureThresholdCrossed' EQUAL 'true')		
Clearing condition: ('temperatureThresholdCrossed' EQUAL 'false')		
Remedial action: The NE has detected internal temperatures which are abnormally high. This could be caused by a failed fan unit or one or more dirty fan filters. Replacing the failed unit or filters should resolve the problem. Alternately the environment that the NE is operating in may not be within specifications found in the NE user guides.		

Table 18-327 TmnxEqPortEtherLoopDetected

Alarm	Attributes	Applicable major releases
Name: TmnxEqPortEtherLoopDetected (461) Type: portEtherLoopDetected (48) Package: ethernetequipment Raised on class: ethernetequipment.EthernetPortSpecifics	Severity: major Implicitly cleared: true Default probable cause: HighBer (238)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0

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Alarm	Attributes	Applicable major releases
Description: The alarm is raised when a device detects a physical loop on an Ethernet port.		
Raising condition: (('Down When Looped Status' EQUAL 'Loop Detected'))		
Clearing condition: (('Down When Looped Status' EQUAL 'No Loop Detected'))		
Remedial action: An Ethernet port has been mis-cabled - please remove the loopback cable on the port.		

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Table 18-328 TMSInterfaceDown

Alarm	Attributes	Applicable major releases
Name: TMSInterfaceDown (3907) Type: TMSInterfaceDown (112) Package: service Raised on class: service.TmsInterface	Severity: critical Implicitly cleared: true Default probable cause: interfaceDown (32)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when a TMS interface is operationally down. The alarm clears when the TMS interface is operationally up.		
Raising condition: ('operationalState' NOT EQUAL 'Up')		
Clearing condition: ('operationalState' EQUAL 'Up')		
Remedial action: This alarm indicates TMS Interface configured is operational down.		

Table 18-329 TPLSPDown

Alarm	Attributes	Applicable major releases
Name: TPLSPDown (4900) Type: pathAlarm (12) Package: mplstp Raised on class: mplstp.TPLsp	Severity: critical Implicitly cleared: true Default probable cause: TPLSPDown (1957)	<ul style="list-style-type: none"> • 11.0 • 12.0
Description: The alarm is raised when the TP LSP Administrative State is Up and the Operational State is Down. The alarm clears when the TP LSP Operational State changes to Up or the Administrative State changes to Down.		
Raising condition: (('Administrative' EQUAL 'Up') AND ('Operational' NOT EQUAL 'Up'))		
Clearing condition: (('Operational' EQUAL 'Up') OR ('Administrative' NOT EQUAL 'Up'))		
Remedial action: The Operational state of the TP LSP is down, despite the Administrative state being up. Review the configuration and make sure that the destination information is set correctly and that the Administrative state is up.		

Table 18-330 TPLSPATHDown

Alarm	Attributes	Applicable major releases
Name: TPLSPATHDown (4901) Type: pathAlarm (12) Package: mplstp Raised on class: mplstp.TPLspPath	Severity: critical Implicitly cleared: true Default probable cause: TPLSPATHDown (1958)	<ul style="list-style-type: none"> • 11.0 • 12.0
Description: The alarm is raised when the TP LSP Path Administrative State is Up and the Operational State is Down. The alarm clears when the TP LSP Path Operational State changes to Up or the Administrative State changes to Down.		
Raising condition: (('Administrative' EQUAL 'Up') AND ('Operational' NOT EQUAL 'Up'))		
Clearing condition: (('Operational' EQUAL 'Up') OR ('Administrative' NOT EQUAL 'Up'))		
Remedial action: The Operational state of the TP LSP Path is down, despite the Administrative state being up. Review the configuration and make sure that the Administrative state is up, the egress and ingress labels are set and the Out-Link interface is operationally up.		

Table 18-331 TrapDestinationMisconfigured

Alarm	Attributes	Applicable major releases
Name: TrapDestinationMisconfigured (33) Type: configurationAlarm (11) Package: netw Raised on class: netw.NetworkElement	Severity: major Implicitly cleared: true Default probable cause: trapDestinationMisconfigured (26) Applicable probable causes: <ul style="list-style-type: none"> • trapDestinationMisconfigured • duplicateTrapLogId 	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when the 5620 SAM cannot be added to the NE's SNMP trap destinations.		
Raising condition: ('isTrapDestinationMisconfigured' EQUAL 'true')		
Clearing condition: ('isTrapDestinationMisconfigured' EQUAL 'false')		
Remedial action: A configuration error has been made which must be corrected. The SNMP trap destination on the NE must be configured to the IP address of the SAM server.		

Table 18-332 TrapReceivingFailure

Alarm	Attributes	Applicable major releases
Name: TrapReceivingFailure (1083) Type: communications (87) Package: netw Raised on class: netw.NetworkElement	Severity: major Implicitly cleared: false Default probable cause: trapsWillNotBeSent (822)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0

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Alarm	Attributes	Applicable major releases
<p>Description: This user-defined alarm is raised when the NE is unable to send traps because the NE configuration is one of the following: - The Management IP Selection is set to Out Of Band Only, the Primary Route Preference is set to In Band, and the Secondary Route Preference is set to None. - The Management IP Selection is set to In Band Only, the Primary Route Preference is set to Out Of Band, and the Secondary Route Preference is set to None.</p>		
<p>Raising condition: (((('Active Management IP' EQUAL 'In Band') AND ('Management IP Selection' EQUAL 'In Band Only') AND ('Primary Route Preference' EQUAL 'Out Of Band') AND ('Secondary Route Preference' EQUAL 'None')) OR (('Active Management IP' EQUAL 'Out Of Band') AND ('Management IP Selection' EQUAL 'Out Of Band Only') AND ('Primary Route Preference' EQUAL 'In Band') AND ('Secondary Route Preference' EQUAL 'None')) OR (('Active Management IP' EQUAL 'Out Of Band') AND ('Management IP Selection' EQUAL 'In Band Preferred') AND ('Primary Route Preference' EQUAL 'In Band') AND ('Secondary Route Preference' EQUAL 'None')) OR (('Active Management IP' EQUAL 'In Band') AND ('Management IP Selection' EQUAL 'Out Of Band Preferred') AND ('Primary Route Preference' EQUAL 'Out Of Band') AND ('Secondary Route Preference' EQUAL 'None'))))</p>		
<p>Clearing condition: (((('Active Management IP' EQUAL 'In Band') AND ('Management IP Selection' EQUAL 'In Band Only') AND (('Primary Route Preference' EQUAL 'In Band') OR ('Secondary Route Preference' EQUAL 'In Band')) OR (('Active Management IP' EQUAL 'Out Of Band') AND ('Management IP Selection' EQUAL 'Out Of Band Only') AND (('Primary Route Preference' EQUAL 'Out Of Band') OR ('Secondary Route Preference' EQUAL 'Out Of Band')) OR (('Active Management IP' EQUAL 'Out Of Band') AND ('Management IP Selection' EQUAL 'In Band Preferred') AND (('Primary Route Preference' EQUAL 'Out Of Band') OR ('Secondary Route Preference' EQUAL 'Out Of Band')) OR (('Active Management IP' EQUAL 'In Band') AND ('Management IP Selection' EQUAL 'In Band Preferred') AND (('Primary Route Preference' EQUAL 'In Band') OR ('Secondary Route Preference' EQUAL 'In Band')) OR (('Active Management IP' EQUAL 'In Band') AND ('Management IP Selection' EQUAL 'Out Of Band Preferred') AND (('Primary Route Preference' EQUAL 'In Band') OR ('Secondary Route Preference' EQUAL 'In Band')) OR (('Active Management IP' EQUAL 'Out Of Band') AND ('Management IP Selection' EQUAL 'Out Of Band Preferred') AND (('Primary Route Preference' EQUAL 'Out Of Band') OR ('Secondary Route Preference' EQUAL 'Out Of Band'))))</p>		
<p>Remedial action: A configuration error has been made which must be corrected. The configuration error must be corrected per the discussion in the description for this alarm.</p>		

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Table 18-333 TrapRoutePreferenceRedundancyMissing

Alarm	Attributes	Applicable major releases
<p>Name: TrapRoutePreferenceRedundancyMissing (1084) Type: communications (87) Package: netw Raised on class: netw.NetworkElement</p>	<p>Severity: warning Implicitly cleared: true Default probable cause: trapsRedundancyMissing (823)</p>	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
<p>Description: The user-defined alarm is raised when NE management redundancy is configured without trap route preference redundancy.</p>		
<p>Raising condition: (((('Management IP Selection' EQUAL 'In Band Preferred') AND ('Active Management IP' EQUAL 'In Band') AND ('Primary Route Preference' EQUAL 'In Band') AND ('Secondary Route Preference' EQUAL 'None')) OR (('Management IP Selection' EQUAL 'Out Of Band Preferred') AND ('Active Management IP' EQUAL 'Out Of Band') AND ('Primary Route Preference' EQUAL 'Out Of Band') AND ('Secondary Route Preference' EQUAL 'None'))))</p>		
<p>Clearing condition: (((('Management IP Selection' EQUAL 'In Band Preferred') AND ('Active Management IP' EQUAL 'In Band') AND ('Secondary Route Preference' NOT EQUAL 'None')) OR (('Management IP Selection' EQUAL 'Out Of Band Preferred') AND ('Active Management IP' EQUAL 'Out Of Band') AND ('Secondary Route Preference' NOT EQUAL 'None'))))</p>		
<p>Remedial action: A configuration error has been made which must be corrected. The IP address of the standby SAM server must be configured on the NE in question.</p>		

Table 18-334 TunnelAdministrativelyDown (mpls)

Alarm	Attributes	Applicable major releases
Name: TunnelAdministrativelyDown (523) Type: pathAlarm (12) Package: mpls Raised on class: mpls.Tunnel	Severity: minor Implicitly cleared: true Default probable cause: tunnelAdministrativelyDown (333)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when the 5620 SAM detects that an MPLS path is administratively down.		
Raising condition: ('Administrative' NOT EQUAL 'Up')		
Clearing condition: ('Administrative' EQUAL 'Up')		
Remedial action: Turn up the corresponding MPLS path.		

Table 18-335 TunnelAdministrativelyDown (svt)

Alarm	Attributes	Applicable major releases
Name: TunnelAdministrativelyDown (523) Type: pathAlarm (12) Package: svt Raised on class: svt.Tunnel	Severity: minor Implicitly cleared: true Default probable cause: tunnelAdministrativelyDown (333)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when the 5620 SAM detects that a service tunnel is administratively down.		
Raising condition: ('administrativeState' NOT EQUAL 'Up')		
Clearing condition: ('administrativeState' EQUAL 'Up')		
Remedial action: Informational - an operator has manually turned down a service tunnel.		

Table 18-336 TunnelDown (mpls)

Alarm	Attributes	Applicable major releases
Name: TunnelDown (30) Type: pathAlarm (12) Package: mpls Raised on class: mpls.Tunnel	Severity: warning Implicitly cleared: true Default probable cause: tunnelDown (23)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when an MPLS path has an Operational State other than Up, and the Administrative State is Up.		
Raising condition: (('Administrative' EQUAL 'Up') AND ('Operational' NOT EQUAL 'Up'))		
Clearing condition: (('Operational' EQUAL 'Up') OR ('Administrative' NOT EQUAL 'Up'))		
Remedial action: Check the network resources along the path.		

Table 18-337 TunnelDown (svt)

Alarm	Attributes	Applicable major releases
Name: TunnelDown (30) Type: pathAlarm (12) Package: svt Raised on class: svt.AbstractTunnel	Severity: critical Implicitly cleared: true Default probable cause: tunnelDown (23)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when the 5620 SAM detects that a service tunnel is operationally down.		
Raising condition: (('Administrative' EQUAL 'Up') AND ('Operational' NOT EQUAL 'Up'))		
Clearing condition: (('Operational' EQUAL 'Up') OR ('Administrative' NOT EQUAL 'Up'))		
Remedial action: This alarm indicates that a problem has been made in the underlying transport network. If the alarm persists or re-occurs frequently then investigation of the underlying transport issues is warranted.		

Table 18-338 TxSectionSynchronizationError

Alarm	Attributes	Applicable major releases
Name: TxSectionSynchronizationError (92) Type: communicationsAlarm (4) Package: sonetequipment Raised on class: sonetequipment.SonetPortMonitorSpecifics	Severity: major Implicitly cleared: true Default probable cause: txSectionSynchronizationError (78)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when a SONET port reports an SS1F error. The alarm corresponds to the ss1f alarm on an NE.		
Raising condition: (('Outstanding Alarms'anyBit'TX Section Synchronization Error') AND ('Report Alarms'anyBit'TX Section Synchronization Error'))		
Clearing condition: NOT (('Outstanding Alarms'anyBit'TX Section Synchronization Error') AND ('Report Alarms'anyBit'TX Section Synchronization Error'))		
Remedial action: Check the SONET port is configured correctly and that the physical layer cabling is operating correctly. Call customer support if necessary.		

Table 18-339 UnidentifiedNode

Alarm	Attributes	Applicable major releases
Name: UnidentifiedNode (1922) Type: communicationsAlarm (4) Package: netw Raised on class: netw.DiscoveredNode	Severity: major Implicitly cleared: true Default probable cause: unidentifiedNode (922)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when the node being discovered can not be properly identified.		
Raising condition: ('State' EQUAL 'Pending Identification')		
Clearing condition: ('State' NOT EQUAL 'Pending Identification')		

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Alarm	Attributes	Applicable major releases
Remedial action: A configuration error has occurred that must be corrected. The eNodeB does not have a system name. The name can be configured by selecting the alarm, opening the associated properties form for the alarmed object and configuring the system name.		

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Table 18-340 UnmanageFailed

Alarm	Attributes	Applicable major releases
Name: UnmanageFailed (300) Type: discoveryControlAlarm (33) Package: netw Raised on class: netw.NodeDiscoveryControl	Severity: warning Implicitly cleared: true Default probable cause: unableToDeleteNode (231)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when an attempt to unmanage an NE fails.		
Raising condition: ('Site State' EQUAL 'Unmanage Failed')		
Clearing condition: ('Site State' NOT EQUAL 'Unmanage Failed')		
Remedial action: Informational - if the alarm persists please contact Alcatel-Lucent support for assistance		

Table 18-341 UnrecommendedNAT64DestinationPrefix

Alarm	Attributes	Applicable major releases
Name: UnrecommendedNAT64DestinationPrefix (8060) Type: configurationAlarm (11) Package: nat Raised on class: nat.Nat64Config	Severity: warning Implicitly cleared: true Default probable cause: unrecommendedConfiguration (2461)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0
Description: This alarm is raised when the bits [64-71] of NAT64 destination prefix are non-zero for prefix length of 96.		
Raising condition: (('NAT Destination Prefix Length' EQUAL '96') AND ('NAT Destination Prefix' NOT EQUAL "[0-9A-F]{1,4}:[0-9A-F]{1,2}:[0-9A-F]{1,4}]{3}\")		
Clearing condition: (('NAT Destination Prefix Length' NOT EQUAL '96') OR ('NAT Destination Prefix' EQUAL "[0-9A-F]{1,4}:[0-9A-F]{1,2}:[0-9A-F]{1,4}]{3}\")		
Remedial action: When using a prefix length 96, set the bits [64-71] of NAT64 Destination Prefix as zero.		

Table 18-342 UpgradedBuildVersionMismatch

Alarm	Attributes	Applicable major releases
Name: UpgradedBuildVersionMismatch (174) Type: configurationAlarm (11) Package: netw Raised on class: netw.NetworkElement	Severity: warning Implicitly cleared: true Default probable cause: upgradedImageNotBooted (137)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when the software version that an NE reports after a software upgrade does not match the version of the software used for the upgrade.		
Raising condition: ('upgradedBuildVersionMismatch' EQUAL 'true')		
Clearing condition: ('upgradedBuildVersionMismatch' EQUAL 'false')		
Remedial action: Informational - if the alarm persists please contact Alcatel-Lucent support for assistance		

Table 18-343 upgradedCardAlarm

Alarm	Attributes	Applicable major releases
Name: upgradedCardAlarm (255) Type: softwareAlarm (19) Package: equipment Raised on class: equipment.Card	Severity: warning Implicitly cleared: true Default probable cause: upgradedCard (194)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when the standby CPM is rebooted and operational after a software upgrade. A device resets an IOM automatically after 120 minutes if the IOM is not manually reset after a CPM upgrade.		
Raising condition: ('operationalState' EQUAL 'Upgrade')		
Clearing condition: ('operationalState' EQUAL 'Up')		
Remedial action: Informational - no corrective action required.		

Table 18-344 VersionConfigRestoreFailed

Alarm	Attributes	Applicable major releases
Name: VersionConfigRestoreFailed (536) Type: configurationAlarm (11) Package: sw Raised on class: sw.BackupRestoreManager	Severity: major Implicitly cleared: true Default probable cause: versionMismatch (405)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when the restore procedure on an NE fails because of a mismatch between the backup file set version and the NE software version.		
Raising condition: ('lastNmsVersionRestoreState' EQUAL 'Failure')		
Clearing condition: ('lastNmsVersionRestoreState' EQUAL 'Success')		
Remedial action: The backup files being restored do not match with the version of node software release. Download a new copy of the SW image to the NE. If the problem persists contact Alcatel-Lucent support for assistance.		

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Table 18-345 VideoInterfaceDown

Alarm	Attributes	Applicable major releases
Name: VideoInterfaceDown (794) Type: VideoInterfaceAlarm (72) Package: service Raised on class: service.VideoInterface	Severity: critical Implicitly cleared: true Default probable cause: interfaceDown (32)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when a video interface is operationally down. The alarm clears when the video interface is operationally up.		
Raising condition: ('Operational State' NOT EQUAL 'Up')		
Clearing condition: ('Operational State' EQUAL 'Up')		
Remedial action: Check the configuration and the underlying physical interface.		

Table 18-346 VirtualLinkDown

Alarm	Attributes	Applicable major releases
Name: VirtualLinkDown (122) Type: VirtualLinkAlarm (21) Package: ospf Raised on class: ospf.VirtualLink	Severity: warning Implicitly cleared: true Default probable cause: VirtualLinkDown (104)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when a virtual link is Down.		
Raising condition: ('Operational State' EQUAL 'Down')		
Clearing condition: ('Operational State' NOT EQUAL 'Down')		
Remedial action: This alarm is raised when the OSPF virtual link is operationally down. The situation may occur if the underlying physical interface is down either because of administrative disabling or a fault on the far end port or due to a cable connection or cable failure. This alarm will also be raised if the underlying transport network fails or is unreliable. Resolving the underlying instability in the transport network will correct this problem.		

Table 18-347 VirtualNeighborDown

Alarm	Attributes	Applicable major releases
Name: VirtualNeighborDown (123) Type: VirtualNeighborDown (22) Package: ospf Raised on classes: <ul style="list-style-type: none"> • ospf.ShamLink • ospf.VirtualLink 	Severity: warning Implicitly cleared: true Default probable cause: VirtualNeighborDown (105)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when a neighbor virtual link is operationally down.		
Raising condition: ('neighborCount' EQUAL '0L')		
Clearing condition: ('neighborCount' NOT EQUAL '0L')		

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Alarm	Attributes	Applicable major releases
<p>Remedial action: This alarm is raised when the OSPF neighbor virtual link is operationally down. The situation may occur if the underlying physical interface is down either because of administrative disabling or a fault on the far end port or due to a cable connection or cable failure. This alarm will also be raised if the underlying transport network fails or is unreliable. Resolving the underlying instability in the transport network will correct this problem.</p>		

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Table 18-348 VRtrIfDDosDynamicExceeded

Alarm	Attributes	Applicable major releases
Name: VRtrIfDDosDynamicExceeded (4887) Type: securityServiceOrMechanismViolation (92) Package: rtr Raised on class: rtr.VirtualInterface	Severity: warning Implicitly cleared: true Default probable cause: ExceedingPolicingParameters (1950)	<ul style="list-style-type: none"> • 11.0 • 12.0
<p>Description: The alarm is raised when the protocol on a particular network interface has been detected as non-conformant to the associated distributed CPU protection policy parameters (on receiving vRtrIfDcpDynamicExcd trap) and the alarm status is set as non-conformant. When the network interface starts hold-down period for an exceeding protocol (on receiving vRtrIfDcpDynamicHoldDownStart trap), the alarm status will change into non-conformant(Hold Down Start). When the network interface completes hold-down period for an exceeding protocol (on receiving vRtrIfDcpDynamicHoldDownEnd trap), the alarm status will be changed into non-conformant(Hold Down End). When the protocol for the network interface has been detected as conformant for a period of the configured detection-time after having been previously detected as exceeding and completed any hold-down period (on receiving vRtrIfDcpDynamicConform trap), the alarm will be cleared.</p>		
<p>Remedial action: Appropriate configuration changes to the distributed CPU protection policy or to the affected network interface may be required.</p>		

Table 18-349 VRtrIfDDosLocMonitorExceeded

Alarm	Attributes	Applicable major releases
Name: VRtrIfDDosLocMonitorExceeded (4888) Type: securityServiceOrMechanismViolation (92) Package: rtr Raised on class: rtr.VirtualInterface	Severity: warning Implicitly cleared: true Default probable cause: ExceedingPolicingParameters (1950)	<ul style="list-style-type: none"> • 11.0 • 12.0
<p>Description: The alarm is raised when the local-monitoring-policer for a particular network interface has transitioned from a conformant state to a non-conformant state and the system will attempt to allocate dynamic enforcement policers (on receiving sapDcpLocMonExcd trap), and the alarm status is set as non-conformant. When all dynamic enforcement policers associated with a non-conformant local-monitoring-policer have been successfully allocated for the network interface (on receiving sapDcpLocMonExcdAllDynAlloc trap), the alarm status will be changed into non-conformant(Located All). When the local-monitoring-policer for a particular network interface has transitioned from a conformant state to a non-conformant state and the system cannot allocate all the dynamic enforcement policers associated with the distributed CPU protection policy (on receiving sapDcpLocMonExcdDynResource trap), the alarm status will be changed into non-conformant(Cannot Allocate All). When all the previously allocated dynamic enforcement policers for a particular local-monitoring-policer on the associated distributed CPU protection policy have been freed up and all the protocols are once again being monitored by local-monitor (on receiving sapDcpLocMonExcdAllDynFreed trap), the alarm will be cleared.</p>		
<p>Remedial action: Appropriate configuration changes to the distributed CPU protection policy or to the affected network interface may be required.</p>		

Table 18-350 VRtrIfDDosStaticExceeded

Alarm	Attributes	Applicable major releases
Name: VRtrIfDDosStaticExceeded (4889) Type: securityServiceOrMechanismViolation (92) Package: rtr Raised on class: rtr.VirtualInterface	Severity: warning Implicitly cleared: true Default probable cause: ExceedingPolicingParameters (1950)	<ul style="list-style-type: none"> • 11.0 • 12.0
<p>Description: The alarm is raised when the static-policer on a particular network interface has been detected as non-conformant to the associated distributed CPU protection policy parameters (on receiving vRtrIfDcpStaticExcd trap) and the alarm status is set as non-conformant. When the network interface starts hold-down period for the exceeding static-policer (on receiving vRtrIfDcpStaticHoldDownStart trap), the alarm status will change into non-conformant(Hold Down Start). When the network interface ends hold-down period for the exceeding static-policer (on receiving vRtrIfDcpStaticHoldDownEnd trap), the alarm status will be changed into non-conformant(Hold Down End). When the static-policer for the network interface has been detected as conformant for a period of the configured detection-time after having been previously detected as exceeding and completed any hold-down period (on receiving vRtrIfDcpStaticConform trap), the alarm will be cleared.</p>		
<p>Remedial action: Appropriate configuration changes to the distributed CPU protection policy or to the affected network interface may be required.</p>		

Table 18-351 WaveTrackerEncoderDegrade

Alarm	Attributes	Applicable major releases
Name: WaveTrackerEncoderDegrade (821) Type: communicationsAlarm (4) Package: ethernetequipment Raised on class: ethernetequipment.WaveLengthTracker	Severity: major Implicitly cleared: true Default probable cause: EncoderDegrade (584)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
<p>Description: The alarm is raised when a device reports an encoder degradation on a wavelength tracker interface.</p>		
<p>Raising condition: (('Configured Alarms'anyBit'Encoder Degrade') AND ('Reported Alarms'anyBit'Encoder Degrade'))</p>		
<p>Clearing condition: NOT (('Configured Alarms'anyBit'Encoder Degrade') AND ('Reported Alarms'anyBit'Encoder Degrade'))</p>		
<p>Remedial action: The OT or SVAC card has detected a DSP failure and this means that the wavelength tracker encode power control is compromised. If this occurs during steady state operation, there is a high probability that the services carried by this OT or SVAC are unaffected. To clear this alarm, replace the card. The card replacement procedure is service affecting and should be conducted during a maintenance window.</p>		

Table 18-352 WaveTrackerEncoderFailure

Alarm	Attributes	Applicable major releases
Name: WaveTrackerEncoderFailure (822) Type: communicationsAlarm (4) Package: ethernetequipment Raised on class: ethernetequipment.WaveLengthTracker	Severity: major Implicitly cleared: true Default probable cause: EncoderFailure (585)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
<p>Description: The alarm is raised when a device reports an encoder failure on a wavelength tracker interface.</p>		

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Alarm	Attributes	Applicable major releases
Raising condition: (('Configured Alarms'anyBit'Encoder Failure') AND ('Reported Alarms'anyBit'Encoder Failure'))		
Clearing condition: NOT (('Configured Alarms'anyBit'Encoder Failure') AND ('Reported Alarms'anyBit'Encoder Failure'))		
Remedial action: A cold reset, reseal, or replacement of a card is service impacting if the card is currently carrying services. If there are services currently carried over the card, it may be best to wait for a maintenance window before resetting, replacing, or reseating the card. Confirm that replacement OT or SVAC card supports the same band as the alarmed OT or SVAC card and connect all fibers to the replacement OT or SVAC card.		

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Table 18-353 WaveTrackerMissingPluggableVOA

Alarm	Attributes	Applicable major releases
Name: WaveTrackerMissingPluggableVOA (4618) Type: communicationsAlarm (4) Package: ethernetequipment Raised on class: ethernetequipment.WaveLengthTracker	Severity: major Implicitly cleared: true Default probable cause: MissingPluggableVOA (1887)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when a device reports a power control high limit on a wavelength tracker interface.		
Raising condition: (('Configured Alarms'anyBit'Missing Pluggable VOA') AND ('Reported Alarms'anyBit'Missing Pluggable VOA'))		
Clearing condition: NOT (('Configured Alarms'anyBit'Missing Pluggable VOA') AND ('Reported Alarms'anyBit'Missing Pluggable VOA'))		
Remedial action: Informational - no corrective action required.		

Table 18-354 WaveTrackerPowerControlDegrade

Alarm	Attributes	Applicable major releases
Name: WaveTrackerPowerControlDegrade (823) Type: communicationsAlarm (4) Package: ethernetequipment Raised on class: ethernetequipment.WaveLengthTracker	Severity: major Implicitly cleared: true Default probable cause: PowerControlDegrade (586)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when a device reports a power control degradation on a wavelength tracker interface.		
Raising condition: (('Configured Alarms'anyBit'Power Control Degrade') AND ('Reported Alarms'anyBit'Power Control Degrade'))		
Clearing condition: NOT (('Configured Alarms'anyBit'Power Control Degrade') AND ('Reported Alarms'anyBit'Power Control Degrade'))		
Remedial action: check to see that the fiber for that card is correct. Remove the fiber from the Tx port on the transponder card. If the condition clears after 20 seconds, then this is a misfiber problem.		

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Table 18-355 WaveTrackerPowerControlFailure

Alarm	Attributes	Applicable major releases
Name: WaveTrackerPowerControlFailure (824) Type: communicationsAlarm (4) Package: ethernetequipment Raised on class: ethernetequipment.WaveLengthTracker	Severity: critical Implicitly cleared: true Default probable cause: PowerControlFailure (587)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when a device reports a power control failure on a wavelength tracker interface.		
Raising condition: (('Configured Alarms'anyBit'Power Control Failure') AND ('Reported Alarms'anyBit'Power Control Failure'))		
Clearing condition: NOT (('Configured Alarms'anyBit'Power Control Failure') AND ('Reported Alarms'anyBit'Power Control Failure'))		
Remedial action: Either alarmed card has detected equipment problem or there is misfibering problem such that a light-emitting fiber has been plugged into the Tx port of aWavelength Tracker encoder-equipped transponder card.If the card is a transponder card that is equipped with aWavelength Tracker encoder, check to see that the fibering for that card is correct. Remove the fiber from the Tx port on the transponder card. If the condition clears after 20 seconds, then this is a misfibering problem.the card is an SVAC, or if there is no fibering problem on the transponder card.Disconnect all fibers on the alarmed card and Replace the card. connect all fibers to the replacement card		

Table 18-356 WaveTrackerPowerControlHighlimit

Alarm	Attributes	Applicable major releases
Name: WaveTrackerPowerControlHighlimit (825) Type: communicationsAlarm (4) Package: ethernetequipment Raised on class: ethernetequipment.WaveLengthTracker	Severity: major Implicitly cleared: true Default probable cause: PowerControlHighlimit (588)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when a device reports a power control high limit on a wavelength tracker interface.		
Raising condition: (('Configured Alarms'anyBit'Power Control High limit reached') AND ('Reported Alarms'anyBit'Power Control High limit reached'))		
Clearing condition: NOT (('Configured Alarms'anyBit'Power Control High limit reached') AND ('Reported Alarms'anyBit'Power Control High limit reached'))		
Remedial action: Informational - no corrective action required.		

Table 18-357 WaveTrackerPowerControllowlimit

Alarm	Attributes	Applicable major releases
Name: WaveTrackerPowerControllowlimit (826) Type: communicationsAlarm (4) Package: ethernetequipment Raised on class: ethernetequipment.WaveLengthTracker	Severity: major Implicitly cleared: true Default probable cause: PowerControllowlimit (589)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when a device reports a power control low limit on a wavelength tracker interface.		

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Alarm	Attributes	Applicable major releases
Raising condition: (('Configured Alarms'anyBit'Power Control Low limit reached') AND ('Reported Alarms'anyBit'Power Control Low limit reached'))		
Clearing condition: NOT (('Configured Alarms'anyBit'Power Control Low limit reached') AND ('Reported Alarms'anyBit'Power Control Low limit reached'))		
Remedial action: Informational - no corrective action required.		

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Table 18-358 WlanGwlsaGrpDegraded

Alarm	Attributes	Applicable major releases
Name: WlanGwlsaGrpDegraded (8150) Type: equipmentAlarm (3) Package: wlangw Raised on class: wlangw.WlanGwlsaGroup	Severity: major Implicitly cleared: true Default probable cause: WlanGwlsaGrpDegraded (2546)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0
Description: The alarm is raised when the WLAN GW ISA group is degraded, while operationally still in service.		
Raising condition: (('Degraded State' EQUAL 'True') AND ('Operational State' EQUAL 'Up'))		
Clearing condition: (('Operational State' NOT EQUAL 'Up') OR ('Degraded State' NOT EQUAL 'True'))		
Remedial action: The ISA-WLAN GW Group is degraded. This alarm occurs when the number of active IOMs in the ISA Group fall below the "Active IOM Limit" configured on the ISA Group. Check the assigned IOM and MDA card statuses.		

Table 18-359 WlanGwlsaGrpDown

Alarm	Attributes	Applicable major releases
Name: WlanGwlsaGrpDown (3914) Type: equipmentAlarm (3) Package: wlangw Raised on class: wlangw.WlanGwlsaGroup	Severity: major Implicitly cleared: true Default probable cause: WlanGwlsaGrpDown (1500)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0
Description: The alarm is raised when the Operational State of an WLAN GW ISA group is Down and the Administrative State is Up.		
Raising condition: (('Administrative State' EQUAL 'Up') AND ('Operational State' NOT EQUAL 'Up'))		
Clearing condition: (('Operational State' EQUAL 'Up') OR ('Administrative State' NOT EQUAL 'Up'))		
Remedial action: The operational state of the ISA-WLAN GW Group is down, despite the administrative state being up. Check that the configured ISA-WLAN GW Group Member MDA(s) are active and operationally up. There may be a fault with the ISA Application WLAN GW Group.		

Table 18-360 WlanGwResrcProblemDetected

Alarm	Attributes	Applicable major releases
Name: WlanGwResrcProblemDetected (3889) Type: resourceAlarm (28) Package: netw Raised on class: netw.NetworkElement	Severity: minor Implicitly cleared: true Default probable cause: resourceFull (53)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0
Description: The alarm is raised when there is a resource problem detected while attempting to activate some part of the WLAN Gateway configuration of this system.		
Remedial action: The alarm is raised when there is a resource problem detected while attempting to activate some part of the WLAN Gateway configuration of this system.		

Table 18-361 WrongCpaaSoftwareVersion

Alarm	Attributes	Applicable major releases
Name: WrongCpaaSoftwareVersion (791) Type: equipmentAlarm (3) Package: netw Raised on class: netw.NetworkElement	Severity: critical Implicitly cleared: true Default probable cause: wrongCpaaSoftwareVersion (559)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when the 7701 CPAA software is the wrong version and requires an upgrade.		
Raising condition: (('Software Version' EQUAL '\TIMOS-B-3.0.Generic \') AND ('Chassis Type' EQUAL '7701 CPAA'))		
Clearing condition: (('Software Version' NOT EQUAL '\TIMOS-B-3.0.Generic \') AND ('Chassis Type' EQUAL '7701 CPAA'))		
Remedial action: The SW version of the CPAA must be upgraded to the version compatible with CPAM version.		

Table 18-362 XplError

Alarm	Attributes	Applicable major releases
Name: XplError (573) Type: hardwareAnomaly (55) Package: equipment Raised on class: equipment.DaughterCard	Severity: minor Implicitly cleared: true Default probable cause: xplError (443)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 12.0 • 9.0
Description: The alarm is raised when an MDA reports persistent XPL Errors.		
Raising condition: ('Number Of Notifications' NOT EQUAL '0')		
Clearing condition: ('Number Of Notifications' EQUAL '0')		
Remedial action: Informational - if the condition persists then the MDA indicated in the alarm should be replaced.		

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Note – Some alarms that the 5620 SAM can raise against this device may not be listed in this chapter. Associating alarms with specific NE types is an ongoing Alcatel-Lucent effort. If the 5620 SAM raises an alarm against this device type, and the alarm is not described in this chapter, see chapter 41 for information about the alarm.

Table 19-1 AaPolicerResourcesExceeded

Alarm	Attributes	Applicable major releases
Name: AaPolicerResourcesExceeded (2930) Type: configurationAlarm (11) Package: aapolicy Raised on class: aapolicy.AaSubOvrd	Severity: warning Implicitly cleared: false Default probable cause: AaPolicerResourcesExceeded (1124)	<ul style="list-style-type: none"> • 4.0 • 5.0 • 6.0
Description: The alarm is raised when Application Assurance configured override values exceed policer resources.		
Raising condition: (('Policer Resource Status' EQUAL 'Exceeded'))		
Clearing condition: (('Policer Resource Status' NOT EQUAL 'Exceeded'))		
Remedial action: The Application Assurance Subscriber Policy override(s) configuration has exceeded the policer resources. Remove overrides of a policy configuration for an Application Assurance subscriber where this may be occurring. If the problem persists please contact Alcatel-Lucent support for assistance.		

Table 19-2 AccessInterfaceDown

Alarm	Attributes	Applicable major releases
Name: AccessInterfaceDown (249) Type: AccessInterfaceAlarm (32) Package: service Raised on class: service.AccessInterface	Severity: critical Implicitly cleared: true Default probable cause: interfaceDown (32)	<ul style="list-style-type: none"> • 4.0 • 5.0 • 6.0
Description: The alarm is raised when an L2 or L3 interface operational state is Down. The alarm is not raised against an L2 access interface that is associated with an MC ring or MC LAG in the standby state.		
Raising condition: (('Operational State' NOT EQUAL 'Up') AND ('State Cause' NOT EQUAL 'Standby For MC-Ring') AND ('State Cause' NOT EQUAL 'Standby For MC-Lag') AND ('State Cause' NOT EQUAL 'Standby For BGP Multi-homing'))		
Clearing condition: (('Operational State' EQUAL 'Up') OR ('State Cause' EQUAL 'Standby For MC-Ring') OR ('State Cause' EQUAL 'Standby For MC-Lag') OR ('State Cause' EQUAL 'Standby For BGP Multi-homing'))		
Remedial action: The condition exists because the physical interface is down either because it is administratively disabled, faulty or a cabling fault has occurred. Ensure that the interface is administratively up. Check for a poor cable connection to the port or for a faulty cable/fiber. If neither appears to be the problem run diagnostics on the port to determine if it is faulty.		

Table 19-3 ActiveAbnormalCondition

Alarm	Attributes	Applicable major releases
Name: ActiveAbnormalCondition (3938) Type: activeAbnormalConditionAlarm (116) Package: netw Raised on class: netw.NetworkElement	Severity: major Implicitly cleared: true Default probable cause: ActiveAbnormalConditionState (1520)	<ul style="list-style-type: none"> • 4.0 • 5.0 • 6.0
Description: The alarm is an indication for abnormal condition on NE.		
Raising condition: ('abnormalCondition' EQUAL 'true')		
Clearing condition: ('abnormalCondition' EQUAL 'false')		
Remedial action: This alarm is raised when there is a abnormal state indication on NE.		

Table 19-4 AggregatedVFLPortDown

Alarm	Attributes	Applicable major releases
Name: AggregatedVFLPortDown (5436) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.Shelf	Severity: critical Implicitly cleared: true Default probable cause: connectivityIssue (2137)	<ul style="list-style-type: none"> • 4.0 • 5.0 • 6.0
Description: The alarm is generated when the aggregated virtual fabric link on the virtual chassis slot is down.		
Raising condition: (('Shelf Type' EQUAL '7850') AND ('Total Slots' EQUAL '4') AND ('Virtual Fabric Link State' NOT EQUAL 'Up'))		
Clearing condition: (('Shelf Type' EQUAL '7850') AND ('Total Slots' EQUAL '4') AND ('Virtual Fabric Link State' EQUAL 'Up'))		

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Alarm	Attributes	Applicable major releases
Remedial action: The alarm is raised when the aggregated virtual fabric link on the virtual chassis is down. Please check the virtual fabric links for the virtual chassis setup.		

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Table 19-5 AGWDiameterPeerDown

Alarm	Attributes	Applicable major releases
Name: AGWDiameterPeerDown (844) Type: EpcAlarm (59) Package: Ite Raised on class: Ite.AGWDiameterPeer	Severity: variable Implicitly cleared: true Default probable cause: EPSPeerDown (602)	<ul style="list-style-type: none"> • 4.0 • 5.0 • 6.0
Description: The alarm is raised when the path management state of a Diameter peer changes to a state other than Up.		
Raising condition: ('Path Diameter Management State' NOT EQUAL 'Active')		
Clearing condition: ('Path Diameter Management State' EQUAL 'Active')		
Remedial action: A Ga reference point (peer) is operationally down for one of the following reasons: the underlying IP or physical interface is down, the far end peer is down or the underlying transport between this NE and the peer NE is down. To resolve the issue ensure that the IP/physical interface is up, check that the far end peer is operational and check that the underlying transport network is up.		

Table 19-6 AGWGTPPMIPPeerDown

Alarm	Attributes	Applicable major releases
Name: AGWGTPPMIPPeerDown (1120) Type: EpcAlarm (59) Package: Ite Raised on class: Ite.AGWGTPPMIPPeer	Severity: variable Implicitly cleared: true Default probable cause: AGWGTPPMIPPeerDown (832)	<ul style="list-style-type: none"> • 4.0 • 5.0 • 6.0
Description: The alarm is raised when the pathManagementState of this EPS peer is not Up.		
Raising condition: ('Path Management State' EQUAL 'Fault')		
Clearing condition: ('Path Management State' EQUAL 'Up')		
Remedial action: A GTP/PMIP based reference point (peer) is operationally down for one of the following reasons: the underlying IP or physical interface is down, the far end peer is down or the underlying transport between this NE and the peer NE is down. To resolve the issue ensure that the IP/physical interface is up, check that the far end peer is operational and check that the underlying transport network is up.		

Table 19-7 AGWGTPPMIPPeerLastRestartInfo

Alarm	Attributes	Applicable major releases
Name: AGWGTPPMIPPeerLastRestartInfo (5189) Type: EpcAlarm (59) Package: Ite Raised on class: Ite.AGWGTPPMIPPeer	Severity: info Implicitly cleared: false Default probable cause: AGWGTPPMIPPeerRestart (1581)	<ul style="list-style-type: none"> • 5.0 • 6.0
Description: The alarm is raised when the pathManagementState of this EPS path is restart and have restart reason and counters information.		
Remedial action: Informational - This alarm give you Peer restart reason and counters information.		

Table 19-8 AGWGTPPMIPPeerRestart

Alarm	Attributes	Applicable major releases
Name: AGWGTPPMIPPeerRestart (4415) Type: EpcAlarm (59) Package: Ite Raised on class: Ite.AGWGTPPMIPPeer	Severity: variable Implicitly cleared: true Default probable cause: AGWGTPPMIPPeerRestart (1581)	<ul style="list-style-type: none"> • 4.0 • 5.0 • 6.0
Description: The alarm is raised when the pathManagementState of this EPS path is restart.		
Raising condition: ('Path Management State' EQUAL 'Restart')		
Clearing condition: ('Path Management State' NOT EQUAL 'Restart')		
Remedial action: A path restart is triggered on GTP/PMIP based peer for various reasons: Card reset, or transport issues between MME and SGW, check that the card is operational and check that the underlying transport network is up.		

Table 19-9 AncillaryPathLimitReached

Alarm	Attributes	Applicable major releases
Name: AncillaryPathLimitReached (459) Type: resourceAlarm (28) Package: equipment Raised on class: equipment.DaughterCard	Severity: warning Implicitly cleared: true Default probable cause: resourceLimitReached (131)	<ul style="list-style-type: none"> • 4.0 • 5.0 • 6.0
Description: The alarm is raised when the Ingress Multicast Path Management ancillary path bandwidth limit is reached.		
Raising condition: (('Ancillary Path Limit Override' > '0') AND ('Ancillary Path In use' >= (1000 * 'Ancillary Path Limit Override'))"		
Clearing condition: (('Ancillary Path Limit Override' > '0') AND ('Ancillary Path In use' < (1000 * 'Ancillary Path Limit Override'))"		
Remedial action: Informational - The alarm is raised when the Ingress Multicast Path Management ancillary path bandwidth limit is reached. This can be remedied by modifying the ancillary path limit located at T1 Paths tab of the multicast bandwidth policy which assigned to the card, or increase the ancillary path limit override located at the Daughter Card tab under Daughter Card Slot form.		

Table 19-10 AreaTypeMismatch

Alarm	Attributes	Applicable major releases
Name: AreaTypeMismatch (38) Type: configurationAlarm (11) Package: ospf Raised on class: ospf.Area	Severity: warning Implicitly cleared: true Default probable cause: areaTypeMisconfigured (34)	<ul style="list-style-type: none"> • 4.0 • 5.0 • 6.0
Description: The alarm is raised when an OSPF area on one NE is configured as an NSSA and the same OSPF area on another NE is configured as a stub area.		
Raising condition: ('Type Mismatch' EQUAL 'true')		
Clearing condition: ('Type Mismatch' EQUAL 'false')		
Remedial action: A configuration error has been made which must be corrected. The OSPF area type configured for the NE does not match with the same OSPF area configured on another NE. Compare the configuration on the endpoint and correct the mismatch.		

Table 19-11 AsymmetricalConfig (lag)

Alarm	Attributes	Applicable major releases
Name: AsymmetricalConfig (295) Type: configurationAlarm (11) Package: lag Raised on classes: <ul style="list-style-type: none"> • lag.MultiChassisLag • lag.MultiChassisLagMember 	Severity: major Implicitly cleared: true Default probable cause: asymmetricalConfig (226)	<ul style="list-style-type: none"> • 4.0 • 5.0 • 6.0
Description: The alarm is raised when the members of an MC LAG do not have matching configurations.		
Raising condition: ('configMismatches' NOT EQUAL '0L')		
Clearing condition: ('configMismatches' EQUAL '0L')		
Remedial action: Check configurations on both members to see anything not matched.		

Table 19-12 AsymmetricalConfig (multichassis)

Alarm	Attributes	Applicable major releases
Name: AsymmetricalConfig (295) Type: configurationAlarm (11) Package: multichassis Raised on classes: <ul style="list-style-type: none"> • multichassis.AbstractMultiChassisLag • multichassis.MultiChassisLagMember • multichassis.AbstractMultiChassisPeer 	Severity: major Implicitly cleared: true Default probable cause: asymmetricalConfig (226)	<ul style="list-style-type: none"> • 4.0 • 5.0 • 6.0
Description: The alarm is raised when there is a peer configuration mismatch that prevents MC operation.		
Raising condition: ('Config Mismatches' NOT EQUAL '0L')		

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Alarm	Attributes	Applicable major releases
Clearing condition: ('Config Mismatches' EQUAL '0L')		
Remedial action: Check configurations on both members to see anything not matched.		

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Table 19-13 AuthKeyConflict (rsvp)

Alarm	Attributes	Applicable major releases
Name: AuthKeyConflict (5188) Type: processingErrorAlarm (81) Package: rsvp Raised on class: rsvp.AuthenticationKey	Severity: warning Implicitly cleared: true Default probable cause: AuthKeyConflict (2103)	<ul style="list-style-type: none"> • 4.0 • 5.0 • 6.0
Description: The alarm is raised when both Authentication Key and RSVP Keychain are configured. RSVP Keychain will be used.		
Raising condition: (('RSVP Keychain' NOT EQUAL '\\"') AND ('enableAuthentication' EQUAL 'true'))		
Clearing condition: (('RSVP Keychain' EQUAL '\\"') OR ('enableAuthentication' NOT EQUAL 'true'))		
Remedial action: Authentication Key and RSVP Keychain are both configured. RSVP Keychain will be used. The alarm is cleared when only one is configured.		

Table 19-14 AuxiliaryServerStatus

Alarm	Attributes	Applicable major releases
Name: AuxiliaryServerStatus (311) Type: communicationsAlarm (4) Package: server Raised on class: server.AuxiliaryServer	Severity: critical Implicitly cleared: true Default probable cause: systemFailed (144)	<ul style="list-style-type: none"> • 4.0 • 5.0 • 6.0
Description: The alarm is raised when a 5620 SAM main server cannot communicate with an auxiliary server. The alarm clears when communication is restored.		
Raising condition: ('Server Status' EQUAL 'Down')		
Clearing condition: ('Server Status' EQUAL 'Up')		
Remedial action: Informational - if the alarm persists or is occurring frequently then investigation is required to understand why the connectivity between the AUX and SAM servers is unreliable.		

Table 19-15 BerLineSignalDegradation

Alarm	Attributes	Applicable major releases
Name: BerLineSignalDegradation (88) Type: communicationsAlarm (4) Package: sonetequipment Raised on class: sonetequipment.SonetPortMonitorSpecifics	Severity: major Implicitly cleared: true Default probable cause: berLineSignalDegradation (74)	<ul style="list-style-type: none"> • 4.0 • 5.0 • 6.0
Description: The alarm is raised when a SONET port reports a line signal degradation BER error. The alarm corresponds to the lb2er-sd alarm on an NE.		
Raising condition: (('Outstanding Alarms'anyBit'BER Line Signal Degradation') AND ('Report Alarms'anyBit'BER Line Signal Degradation'))		
Clearing condition: NOT (('Outstanding Alarms'anyBit'BER Line Signal Degradation') AND ('Report Alarms'anyBit'BER Line Signal Degradation'))		
Remedial action: Informational only.		

Table 19-16 BerLineSignalFailure

Alarm	Attributes	Applicable major releases
Name: BerLineSignalFailure (89) Type: communicationsAlarm (4) Package: sonetequipment Raised on class: sonetequipment.SonetPortMonitorSpecifics	Severity: major Implicitly cleared: true Default probable cause: berLineSignalFailure (75)	<ul style="list-style-type: none"> • 4.0 • 5.0 • 6.0
Description: The alarm is raised when a SONET port reports a line signal degradation BER error. The alarm corresponds to the lb2er-sf alarm on an NE.		
Raising condition: (('Outstanding Alarms'anyBit'BER Line Signal Failure') AND ('Report Alarms'anyBit'BER Line Signal Failure'))		
Clearing condition: NOT (('Outstanding Alarms'anyBit'BER Line Signal Failure') AND ('Report Alarms'anyBit'BER Line Signal Failure'))		
Remedial action: Informational only.		

Table 19-17 BfdInterfaceConnectionBroken

Alarm	Attributes	Applicable major releases
Name: BfdInterfaceConnectionBroken (3329) Type: serviceAlarm (16) Package: vrrp Raised on class: vrrp.BfdInterface	Severity: minor Implicitly cleared: true Default probable cause: bfdSessionConnectionBroken (593)	<ul style="list-style-type: none"> • 4.0 • 5.0 • 6.0
Description: The alarm is raised when the BFD connection to a peer times out.		
Raising condition: ('Operational State' EQUAL 'Timed Out')		

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Alarm	Attributes	Applicable major releases
Clearing condition: ('Operational State' NOT EQUAL 'Timed Out')		
Remedial action: Check the peer router, fix the BFD connection		

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Table 19-18 BfdInterfaceConnectionDown

Alarm	Attributes	Applicable major releases
Name: BfdInterfaceConnectionDown (3330) Type: serviceAlarm (16) Package: vrrp Raised on class: vrrp.BfdInterface	Severity: minor Implicitly cleared: true Default probable cause: bfdSessionDown (346)	<ul style="list-style-type: none"> • 4.0 • 5.0 • 6.0
Description: The alarm is raised when the Operational State of a BFD session is Not Connected.		
Raising condition: ('Operational State' NOT EQUAL 'Operational')		
Clearing condition: ('Operational State' EQUAL 'Operational')		
Remedial action: Check the BFD interface configuration, fix the BFD connection		

Table 19-19 BfdInterfaceConnectionPeerDetectsDown

Alarm	Attributes	Applicable major releases
Name: BfdInterfaceConnectionPeerDetectsDown (3331) Type: serviceAlarm (16) Package: vrrp Raised on class: vrrp.BfdInterface	Severity: minor Implicitly cleared: true Default probable cause: bfdSessionConnectionPeerDetectsDown (594)	<ul style="list-style-type: none"> • 4.0 • 5.0 • 6.0
Description: The alarm is raised when a BFD peer detects a connection timeout.		
Raising condition: ('Operational State' EQUAL 'Down')		
Clearing condition: ('Operational State' NOT EQUAL 'Down')		
Remedial action: Fix the BFD connection		

Table 19-20 BgpDown

Alarm	Attributes	Applicable major releases
Name: BgpDown (6) Type: ProtocolAlarm (1) Package: bgp Raised on class: bgp.Site	Severity: critical Implicitly cleared: true Default probable cause: protocolDown (1)	<ul style="list-style-type: none"> • 4.0 • 5.0 • 6.0

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Alarm	Attributes	Applicable major releases
Description: The alarm is raised when a BGP instance has an Operational State other than Up, and the Administrative State is Up.		
Raising condition: (('Administrative State' EQUAL 'Up') AND ('Operational State' NOT EQUAL 'Up'))		
Clearing condition: (('Operational State' EQUAL 'Up') OR ('Administrative State' NOT EQUAL 'Up'))		
Remedial action: The BGP protocol entity is down - administratively disable BGP and re-enable. If the problem persists please contact Alcatel-Lucent support for assistance.		

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Table 19-21 BITS2NotQualified

Alarm	Attributes	Applicable major releases
Name: BITS2NotQualified (1941) Type: communicationsAlarm (4) Package: sonet Raised on class: sonet.SiteSync	Severity: minor Implicitly cleared: true Default probable cause: timingReferenceNotQualified (418)	<ul style="list-style-type: none"> • 4.0 • 5.0 • 6.0
Description: The alarm is raised when the BITS-2 timing reference on an NE is not in the Qualified state.		
Raising condition: (('Qualified For Use' EQUAL 'Not Qualified') AND ('Input Administrative State' NOT EQUAL 'Down'))		
Clearing condition: (('Qualified For Use' NOT EQUAL 'Not Qualified') OR ('Input Administrative State' EQUAL 'Down'))		
Remedial action: Make sure that BITS2 is qualified		

Table 19-22 BITSNotQualified

Alarm	Attributes	Applicable major releases
Name: BITSNotQualified (547) Type: communicationsAlarm (4) Package: sonet Raised on class: sonet.SiteSync	Severity: minor Implicitly cleared: true Default probable cause: timingReferenceNotQualified (418)	<ul style="list-style-type: none"> • 4.0 • 5.0 • 6.0
Description: The alarm is raised when the BITS timing reference on an NE is not in the Qualified state.		
Raising condition: (('Qualified For Use' EQUAL 'Not Qualified') AND ('Output Administrative State' NOT EQUAL 'Down'))		
Clearing condition: (('Qualified For Use' NOT EQUAL 'Not Qualified') OR ('Output Administrative State' EQUAL 'Down'))		
Remedial action: Make sure that BITS is qualified		

Table 19-23 BITSReferenceLossOfSignal

Alarm	Attributes	Applicable major releases
Name: BITSReferenceLossOfSignal (1950) Type: communicationsAlarm (4) Package: sonet Raised on class: sonet.SiteSync	Severity: minor Implicitly cleared: true Default probable cause: BITSReferenceLossOfSignal (938)	<ul style="list-style-type: none"> • 4.0 • 5.0 • 6.0
Description: The alarm is raised when the BITS reference on an NE is not qualified due to Loss of Signal.		
Raising condition: (('Not Qualified Due To'anyBit'LOS'))		
Clearing condition: NOT (('Not Qualified Due To'anyBit'LOS'))		
Remedial action: Make sure that peer connected to BITS is properly configured.		

Table 19-24 BITSReferenceOutOfFrequency

Alarm	Attributes	Applicable major releases
Name: BITSReferenceOutOfFrequency (1951) Type: communicationsAlarm (4) Package: sonet Raised on class: sonet.SiteSync	Severity: minor Implicitly cleared: true Default probable cause: BITSReferenceOutOfFrequency (939)	<ul style="list-style-type: none"> • 4.0 • 5.0 • 6.0
Description: The alarm is raised when the BITS Reference on an NE is not qualified due to Out of frequency.		
Raising condition: (('Not Qualified Due To'anyBit'OOF'))		
Clearing condition: NOT (('Not Qualified Due To'anyBit'OOF'))		
Remedial action: Make sure that frequency configured for BITS is correct.		

Table 19-25 BITSReferenceOutOfPollInRange

Alarm	Attributes	Applicable major releases
Name: BITSReferenceOutOfPollInRange (1952) Type: communicationsAlarm (4) Package: sonet Raised on class: sonet.SiteSync	Severity: minor Implicitly cleared: true Default probable cause: BITSReferenceOutOfPollInRange (940)	<ul style="list-style-type: none"> • 4.0 • 5.0 • 6.0
Description: The alarm is raised when the BITS Reference on an NE is not qualified state due to Out of poll in range.		
Raising condition: (('Not Qualified Due To'anyBit'OOPIR'))		
Clearing condition: NOT (('Not Qualified Due To'anyBit'OOPIR'))		
Remedial action: Check the BITS is configured correctly. Check the SONET port is configured correctly and that the physical layer cabling is operating correctly. Call customer support if necessary		

Table 19-26 BootableConfigBackupFailed

Alarm	Attributes	Applicable major releases
Name: BootableConfigBackupFailed (103) Type: configurationAlarm (11) Package: sw Raised on class: sw.BackupRestoreManager	Severity: major Implicitly cleared: true Default probable cause: fileTransferFailure (89)	<ul style="list-style-type: none"> • 4.0 • 5.0 • 6.0
Description: The alarm is raised when the 5620 SAM fails to back up a set of NE configuration files.		
Raising condition: ('Backup State' EQUAL 'Failure')		
Clearing condition: ('Backup State' EQUAL 'Success')		
Remedial action: Investigation is required to resolve the following possible scenarios: insufficient disk space is available to accommodate the NE configuration files (additional SAM platform alarms will accompany this alarm); the NE is unreachable (including underlying transport network issue); loss of connectivity to the NE during transfer; the FTP daemon on the NE may have stopped; FTP security credential issues.		

Table 19-27 BootableConfigRestoreFailed

Alarm	Attributes	Applicable major releases
Name: BootableConfigRestoreFailed (104) Type: configurationAlarm (11) Package: sw Raised on class: sw.BackupRestoreManager	Severity: major Implicitly cleared: true Default probable cause: fileTransferFailure (89)	<ul style="list-style-type: none"> • 4.0 • 5.0 • 6.0
Description: The alarm is raised when the 5620 SAM fails to restore a set of NE configuration files.		
Raising condition: ('Restore State' EQUAL 'Failure')		
Clearing condition: ('Restore State' EQUAL 'Success')		
Remedial action: Investigation is required to resolve the following possible scenarios: the NE is unreachable (including underlying transport network issue); loss of connectivity to the NE during transfer; the FTP daemon on the NE may have stopped; FTP security credential issues.		

Table 19-28 BootParametersMisconfigured

Alarm	Attributes	Applicable major releases
Name: BootParametersMisconfigured (35) Type: configurationAlarm (11) Package: netw Raised on class: netw.NetworkElement	Severity: critical Implicitly cleared: true Default probable cause: persistentIndexFailure (30) Applicable probable causes: <ul style="list-style-type: none"> • persistentIndexFailure • configFileBootFailure 	<ul style="list-style-type: none"> • 4.0 • 5.0 • 6.0
Description: The alarm is raised when the SNMP Index Boot Status on an NE is not set to Persistent.		

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Alarm	Attributes	Applicable major releases
Raising condition: (('isGenericNode' EQUAL 'false') AND ('State' NOT EQUAL 'Pre-provisioned') AND (('Config File Status' NOT EQUAL 'Executed Successfully') AND ('Config File Status' NOT EQUAL 'configFileStatus_unspecified')) OR (('Persistent Index Status' NOT EQUAL 'Rebuild Succeeded') AND ('Persistent Index Status' NOT EQUAL 'persistentIndexStatus_unspecified'))))		
Clearing condition: (('Config File Status' EQUAL 'Executed Successfully') AND ('Persistent Index Status' EQUAL 'Rebuild Succeeded'))		
Remedial action: Ensure that "SNMP Index Boot Status" is persistent (using cli command "show system information" on the NE). If not, unmanage the network element from SAM, ensure that "persist on" is set in the bof file, save the bof, save a config file, verify that an index file (.ndx) is saved as well, reboot the router, verify that SNMP Index Boot Status is persistent and finally remanage the router from SAM.		

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Table 19-29 BundleDown

Alarm	Attributes	Applicable major releases
Name: BundleDown (152) Type: equipmentAlarm (3) Package: bundle Raised on class: bundle.Interface	Severity: critical Implicitly cleared: true Default probable cause: bundleDown (128)	<ul style="list-style-type: none"> • 4.0 • 5.0 • 6.0
Description: The alarm is raised when the bundle Administrative State is Up and the Operational State is Down.		
Raising condition: (('Protection Type' EQUAL 'None') AND ('Administrative State' EQUAL 'Up') AND ('operationalState' NOT EQUAL 'Up') AND ('specificCardType' NOT EQUAL '16 x E1 (ASAP)'))		
Clearing condition: (('Protection Type' NOT EQUAL 'None') OR ('operationalState' EQUAL 'Up') OR ('Administrative State' NOT EQUAL 'Up'))		
Remedial action: Informational - no corrective action required.		

Table 19-30 CcagDown

Alarm	Attributes	Applicable major releases
Name: CcagDown (210) Type: equipmentAlarm (3) Package: ccag Raised on class: ccag.CrossConnectAggregationGroup	Severity: major Implicitly cleared: true Default probable cause: CcagDown (163)	<ul style="list-style-type: none"> • 4.0 • 5.0 • 6.0
Description: The alarm is raised when the CCAG Administrative State is Up and the Operational State is Down.		
Raising condition: (('Administrative State' EQUAL 'Up') AND ('Operational State' NOT EQUAL 'Up'))		
Clearing condition: (('Operational State' EQUAL 'Up') OR ('Administrative State' NOT EQUAL 'Up'))		
Remedial action: Informational - no corrective action required.		

Table 19-31 CesBfrOverrun

Alarm	Attributes	Applicable major releases
Name: CesBfrOverrun (448) Type: communicationsAlarm (4) Package: vll Raised on class: vll.VIICesInterfaceSpecifics	Severity: major Implicitly cleared: true Default probable cause: bufferOverrun (322)	<ul style="list-style-type: none"> • 4.0 • 5.0 • 6.0
Description: The alarm is raised when the 5620 SAM detects a jitter buffer overrun.		
Raising condition: (('Report Alarm Status'anyBit'Buffer Overrun') AND ('Report Alarm'anyBit'Buffer Overrun'))		
Clearing condition: NOT (((('Report Alarm Status'anyBit'Buffer Overrun') AND ('Report Alarm'anyBit'Buffer Overrun'))))		
Remedial action: Informational - if the alarm persists or is occurring frequently then investigation is required to understand why the underlying transport network is unreliable.		

Table 19-32 CesBfrUnderrun

Alarm	Attributes	Applicable major releases
Name: CesBfrUnderrun (449) Type: communicationsAlarm (4) Package: vll Raised on class: vll.VIICesInterfaceSpecifics	Severity: major Implicitly cleared: true Default probable cause: bufferOverrun (322)	<ul style="list-style-type: none"> • 4.0 • 5.0 • 6.0
Description: The alarm is raised when the 5620 SAM detects a jitter buffer underrun.		
Raising condition: (('Report Alarm Status'anyBit'Buffer Underrun') AND ('Report Alarm'anyBit'Buffer Underrun'))		
Clearing condition: NOT (((('Report Alarm Status'anyBit'Buffer Underrun') AND ('Report Alarm'anyBit'Buffer Underrun'))))		
Remedial action: Informational - if the alarm persists or is occurring frequently then investigation is required to understand why the underlying transport network is unreliable.		

Table 19-33 CesMalformedPkts

Alarm	Attributes	Applicable major releases
Name: CesMalformedPkts (446) Type: communicationsAlarm (4) Package: vll Raised on class: vll.VIICesInterfaceSpecifics	Severity: major Implicitly cleared: true Default probable cause: malformedPackets (320)	<ul style="list-style-type: none"> • 4.0 • 5.0 • 6.0
Description: The alarm is raised when the 5620 SAM detects one or more malformed packets.		
Raising condition: (('Report Alarm Status'anyBit'Malformed Packets') AND ('Report Alarm'anyBit'Malformed Packets'))		
Clearing condition: NOT (((('Report Alarm Status'anyBit'Malformed Packets') AND ('Report Alarm'anyBit'Malformed Packets'))))		
Remedial action: Informational - if the alarm persists or is occurring frequently then investigation is required to understand why the underlying transport network is unreliable.		

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Table 19-34 CesPktLoss

Alarm	Attributes	Applicable major releases
Name: CesPktLoss (447) Type: communicationsAlarm (4) Package: vll Raised on class: vll.VIICesInterfaceSpecifics	Severity: major Implicitly cleared: true Default probable cause: lossOfPacket (321)	<ul style="list-style-type: none"> • 4.0 • 5.0 • 6.0
Description: The alarm is raised when the 5620 SAM detects a packet loss.		
Raising condition: (('Report Alarm Status'anyBit'Packet Loss') AND ('Report Alarm'anyBit'Packet Loss'))		
Clearing condition: NOT (('Report Alarm Status'anyBit'Packet Loss') AND ('Report Alarm'anyBit'Packet Loss'))		
Remedial action: Informational - if the alarm persists or is occurring frequently then investigation is required to understand why the underlying transport network is unreliable.		

Table 19-35 CesRmtPktLoss

Alarm	Attributes	Applicable major releases
Name: CesRmtPktLoss (450) Type: communicationsAlarm (4) Package: vll Raised on class: vll.VIICesInterfaceSpecifics	Severity: minor Implicitly cleared: true Default probable cause: farEndLossOfPacket (323)	<ul style="list-style-type: none"> • 4.0 • 5.0 • 6.0
Description: The alarm is raised when the 5620 SAM detects a remote packet loss.		
Raising condition: (('Report Alarm Status'anyBit'Remote Packet Loss') AND ('Report Alarm'anyBit'Remote Packet Loss'))		
Clearing condition: NOT (('Report Alarm Status'anyBit'Remote Packet Loss') AND ('Report Alarm'anyBit'Remote Packet Loss'))		
Remedial action: Informational - if the alarm persists or is occurring frequently then investigation is required to understand why the underlying transport network is unreliable.		

Table 19-36 CesRmtRdi

Alarm	Attributes	Applicable major releases
Name: CesRmtRdi (452) Type: configurationAlarm (11) Package: vll Raised on class: vll.VIICesInterfaceSpecifics	Severity: minor Implicitly cleared: false Default probable cause: farEndRdi (325)	<ul style="list-style-type: none"> • 4.0 • 5.0 • 6.0
Description: The alarm is raised when the 5620 SAM detects a remote RDI.		
Raising condition: (('Report Alarm Status'anyBit'Remote RDI') AND ('Report Alarm'anyBit'Remote RDI'))		
Clearing condition: NOT (('Report Alarm Status'anyBit'Remote RDI') AND ('Report Alarm'anyBit'Remote RDI'))		
Remedial action: Informational - if the alarm persists or is occurring frequently then investigation is required to understand why the underlying transport network is unreliable.		

Table 19-37 CesRmtTdmFault

Alarm	Attributes	Applicable major releases
Name: CesRmtTdmFault (451) Type: configurationAlarm (11) Package: vll Raised on class: vll.VIICesInterfaceSpecifics	Severity: minor Implicitly cleared: false Default probable cause: tdmFarEndFault (324)	<ul style="list-style-type: none"> • 4.0 • 5.0 • 6.0
Description: The alarm is raised when the 5620 SAM detects a remote TDM fault.		
Raising condition: (('Report Alarm Status'anyBit'Remote TDM Fault') AND ('Report Alarm'anyBit'Remote TDM Fault'))		
Clearing condition: NOT (('Report Alarm Status'anyBit'Remote TDM Fault') AND ('Report Alarm'anyBit'Remote TDM Fault'))		
Remedial action: Informational - if the alarm persists or is occurring frequently then investigation is required to understand why the underlying transport network is unreliable.		

Table 19-38 CesStrayPkts

Alarm	Attributes	Applicable major releases
Name: CesStrayPkts (445) Type: communicationsAlarm (4) Package: vll Raised on class: vll.VIICesInterfaceSpecifics	Severity: minor Implicitly cleared: true Default probable cause: strayPackets (319)	<ul style="list-style-type: none"> • 4.0 • 5.0 • 6.0
Description: The alarm is raised when the 5620 SAM detects received stray packets.		
Raising condition: (('Report Alarm Status'anyBit'Stray Packets') AND ('Report Alarm'anyBit'Stray Packets'))		
Clearing condition: NOT (('Report Alarm Status'anyBit'Stray Packets') AND ('Report Alarm'anyBit'Stray Packets'))		
Remedial action: Informational - if the alarm persists or is occurring frequently then investigation is required to understand why the underlying transport network is unreliable.		

Table 19-39 CircuitStpExceptionCondition

Alarm	Attributes	Applicable major releases
Name: CircuitStpExceptionCondition (648) Type: SdpBindingAlarm (30) Package: l2fwd Raised on class: l2fwd.CircuitStp	Severity: major Implicitly cleared: true Default probable cause: StpException (228)	<ul style="list-style-type: none"> • 4.0 • 5.0 • 6.0
Description: The alarm is raised when an NE detects an STP exception condition on a SAP, for example, one-way communication or a downstream loop. The alarm clears when the STP status changes.		
Raising condition: (('STP Exception Condition' NOT EQUAL 'None') AND ('Administrative State' EQUAL 'Up'))		
Clearing condition: (('STP Exception Condition' EQUAL 'None') OR ('Administrative State' EQUAL 'Down'))		
Remedial action: Check 'STP Exception Condition' field for more details and fix the STP exception.		

Table 19-40 ClientDelegateServerStatus

Alarm	Attributes	Applicable major releases
Name: ClientDelegateServerStatus (731) Type: communicationsAlarm (4) Package: server Raised on class: server.ClientDelegateServer	Severity: critical Implicitly cleared: true Default probable cause: systemFailed (144)	<ul style="list-style-type: none"> • 4.0 • 5.0 • 6.0
Description: The alarm is raised when a client delegate server is unreachable.		
Raising condition: ('Server Status' EQUAL 'Down')		
Clearing condition: ('Server Status' EQUAL 'Up')		
Remedial action: Informational - if the alarm persists or is occurring frequently then investigation is required to understand why the connectivity between the client delegate platform and SAM servers is unreliable or the client delegate server itself is unreliable.		

Table 19-41 ConfigurationRescueFileDeleteStatus

Alarm	Attributes	Applicable major releases
Name: ConfigurationRescueFileDeleteStatus (3894) Type: configurationRescueAlarm (109) Package: rollback Raised on class: rollback.RollbackNEInfo	Severity: info Implicitly cleared: false Default probable cause: configurationRescueFileDeleteOperationPerformed (1485)	<ul style="list-style-type: none"> • 4.0 • 5.0 • 6.0
Description: The alarm is raised when a configuration rollback rescue file delete operation is performed.		
Remedial action: Informational - If rollback rescue file deletion status indicates failed, then, the requested rescue file might not be available or check the FTP permission for the rescue location.		

Table 19-42 ConfigurationRescueFileSaveStatus

Alarm	Attributes	Applicable major releases
Name: ConfigurationRescueFileSaveStatus (3895) Type: configurationRescueAlarm (109) Package: rollback Raised on class: rollback.RollbackNEInfo	Severity: info Implicitly cleared: false Default probable cause: configurationRescueFileSaveOperationPerformed (1486)	<ul style="list-style-type: none"> • 4.0 • 5.0 • 6.0
Description: The alarm is raised when a configuration rollback rescue save operation is performed.		
Remedial action: Informational - If rollback rescue file creation status indicates failed, then, check the FTP permission for the rescue location.		

Table 19-43 ConfigurationRescueStatus

Alarm	Attributes	Applicable major releases
Name: ConfigurationRescueStatus (3896) Type: configurationRescueAlarm (109) Package: rollback Raised on class: rollback.RollbackNEInfo	Severity: info Implicitly cleared: false Default probable cause: configurationRescueOperationPerformed (1487)	<ul style="list-style-type: none"> • 4.0 • 5.0 • 6.0
Description: The alarm is raised when a configuration rollback rescue operation is performed.		
Remedial action: Informational - If rollback rescue status indicates failed, then, the rescue file might not be available or check the FTP permission for the rescue location.		

Table 19-44 ConfigurationRollBackFileDeleteStatus

Alarm	Attributes	Applicable major releases
Name: ConfigurationRollBackFileDeleteStatus (3897) Type: configurationRollBackAlarm (103) Package: rollback Raised on class: rollback.RollbackNEInfo	Severity: info Implicitly cleared: false Default probable cause: configurationRollBackFileDeleteOperationPerformed (1488)	<ul style="list-style-type: none"> • 4.0 • 5.0 • 6.0
Description: The alarm is raised when a configuration rollback file delete operation is performed.		
Remedial action: Informational - If rollback file deletion status indicates failed, then, the requested rollback file might not be available or check the FTP permission for the rollback location..		

Table 19-45 ConfigurationRollBackFileSyncStatus

Alarm	Attributes	Applicable major releases
Name: ConfigurationRollBackFileSyncStatus (3898) Type: configurationRollBackFileSyncAlarm (110) Package: rollback Raised on class: rollback.RollbackNEInfo	Severity: info Implicitly cleared: false Default probable cause: configurationRollBackFileSyncOperationPerformed (1489)	<ul style="list-style-type: none"> • 4.0 • 5.0 • 6.0
Description: The alarm is raised when a configuration rollback CPM sync operation is performed.		
Remedial action: Informational - If rollback files CPM Sync status indicates failed, then, check whether standby CPM is up.		

Table 19-46 ConfigurationRollBackSaveStatus

Alarm	Attributes	Applicable major releases
Name: ConfigurationRollBackSaveStatus (3899) Type: configurationRollBackAlarm (103) Package: rollback Raised on class: rollback.RollbackNEInfo	Severity: info Implicitly cleared: false Default probable cause: configurationRollBackSaveOperationPerformed (1490)	<ul style="list-style-type: none"> • 4.0 • 5.0 • 6.0
Description: The alarm is raised when a configuration rollback save operation is performed.		
Remedial action: Informational - If rollback file creation status indicates failed, then, check the FTP permission for the rollback location.		

Table 19-47 ConfigurationRollBackStatus (netw)

Alarm	Attributes	Applicable major releases
Name: ConfigurationRollBackStatus (3684) Type: configurationRollBackAlarm (103) Package: netw Raised on class: netw.NetworkElement	Severity: info Implicitly cleared: false Default probable cause: configurationRollBackOperationPerformed (1422)	<ul style="list-style-type: none"> • 4.0 • 5.0 • 6.0
Description: The alarm is raised when a configuration rollback operation is performed.		
Remedial action: Informational - If rollback status indicates failed, then, the requested checkpoint might not be available or NE configuration might need to be restored.		

Table 19-48 ConfigurationRollBackStatus (rollback)

Alarm	Attributes	Applicable major releases
Name: ConfigurationRollBackStatus (3684) Type: configurationRollBackAlarm (103) Package: rollback Raised on class: rollback.RollbackNEInfo	Severity: info Implicitly cleared: false Default probable cause: configurationRollBackOperationPerformed (1422)	<ul style="list-style-type: none"> • 4.0 • 5.0 • 6.0
Description: The alarm is raised when a configuration rollback operation is performed.		
Remedial action: Informational - If rollback status indicates failed, then, the requested checkpoint might not be available or NE configuration might need to be restored.		

Table 19-49 ContainingEquipmentAdministrativelyDown

Alarm	Attributes	Applicable major releases
Name: ContainingEquipmentAdministrativelyDown (466) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.Port	Severity: minor Implicitly cleared: true Default probable cause: containingEquipmentAdministrativelyDown (330)	<ul style="list-style-type: none"> • 4.0 • 5.0 • 6.0
Description: The alarm is raised when the compositeEquipmentState attribute has a value of containingEquipmentAdministrativelyDown.		
Raising condition: (('Status' EQUAL 'Parent Admin Down') AND ('isTerminatable' EQUAL 'true'))		
Clearing condition: (('Status' NOT EQUAL 'Parent Admin Down') OR ('isTerminatable' NOT EQUAL 'true'))		
Remedial action: Informational - no corrective action required.		

Table 19-50 ContainingEquipmentMismatch

Alarm	Attributes	Applicable major releases
Name: ContainingEquipmentMismatch (464) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.Port	Severity: major Implicitly cleared: true Default probable cause: containingEquipmentMismatch (328)	<ul style="list-style-type: none"> • 4.0 • 5.0 • 6.0
Description: The alarm is raised when the compositeEquipmentState attribute has a value of containingEquipmentMismatch.		
Raising condition: (('Status' EQUAL 'Parent Type Mismatch') AND ('isTerminatable' EQUAL 'true'))		
Clearing condition: (('Status' NOT EQUAL 'Parent Type Mismatch') OR ('isTerminatable' NOT EQUAL 'true'))		
Remedial action: A configuration error has occurred which must be corrected. The card type configured for the slot identified in the alarm must match the installed card type.		

Table 19-51 ContainingEquipmentOperationallyDown

Alarm	Attributes	Applicable major releases
Name: ContainingEquipmentOperationallyDown (465) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.Port	Severity: major Implicitly cleared: true Default probable cause: containingEquipmentDown (329)	<ul style="list-style-type: none"> • 4.0 • 5.0 • 6.0
Description: The alarm is raised when the compositeEquipmentState attribute has a value of containingEquipmentOperationallyDown.		
Raising condition: (('Status' EQUAL 'Parent Oper Down') AND ('isTerminatable' EQUAL 'true'))		
Clearing condition: (('Status' NOT EQUAL 'Parent Oper Down') OR ('isTerminatable' NOT EQUAL 'true'))		

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Alarm	Attributes	Applicable major releases
Remedial action: The operational state of the equipment element indicated in the alarm is down. This may be due to the element's administrative state or it may indicate that the element has failed.		

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Table 19-52 CorruptImageFile

Alarm	Attributes	Applicable major releases
Name: CorruptImageFile (171) Type: configurationAlarm (11) Package: mediation Raised on class: mediation.AbstractSoftwareFolderDescriptor	Severity: critical Implicitly cleared: true Default probable cause: invalidOrCorruptImageFile (134)	<ul style="list-style-type: none"> • 4.0 • 5.0 • 6.0
Description: The alarm is raised when one or more files in the 5620 SAM software image specified for a device software upgrade is invalid, corrupt or absent. The 5620 SAM validates a device software file set before it imports the file set and distributes it to an NE. Ensure that the file set downloads properly to the NE and is not tampered with before you re-attempt the upgrade. The alarm clears when a valid file set is on the NE and the 5620 SAM activates the software image in the file set.		
Raising condition: ('isImageValid' EQUAL 'false')		
Clearing condition: ('isImageValid' EQUAL 'true')		
Remedial action: The existing SW image in the SAM database should be replaced with an image that is known to be complete and valid.		

Table 19-53 CpmProtectionExceedEntry

Alarm	Attributes	Applicable major releases
Name: CpmProtectionExceedEntry (2925) Type: communications (87) Package: sitesecc Raised on class: sitesecc.CpmProtExcdEntry	Severity: warning Implicitly cleared: false Default probable cause: denialOfService (790)	<ul style="list-style-type: none"> • 4.0 • 5.0 • 6.0
Description: The alarm is raised when a MAC packet stream has exceeded its per-source limit.		
Raising condition: ('Number of Rate Violations' NOT EQUAL '0L')		
Remedial action: A device in the network is sending traffic to the NE at a rate which is higher than expected. The source of the traffic must be identified and if the behavior is undesired then the device should be disabled. It is also possible that the threshold has been configured at a level which is lower than acceptable in which case the configuration should be align with the traffic levels expected.		

Table 19-54 CpmProtectionExceedSapIpEntry

Alarm	Attributes	Applicable major releases
Name: CpmProtectionExceedSapIpEntry (3911) Type: communications (87) Package: sitesecc Raised on class: sitesecc.CpmProtExcdSapIpEntry	Severity: warning Implicitly cleared: false Default probable cause: denialOfService (790)	<ul style="list-style-type: none"> • 4.0 • 5.0 • 6.0
Description: The alarm is raised when an IP packet stream has exceeded the per-source limit.		
Raising condition: ('Number of Rate Violations' NOT EQUAL '0L')		
Remedial action: A device in the network is sending traffic to the NE at a rate which is higher than expected. The source of the traffic must be identified and if the behavior is undesired then the device should be disabled. It is also possible that the threshold has been configured at a level which is lower that acceptable in which case the configuration should be align with the traffic levels expected.		

Table 19-55 CpmProtectionViolationIfEntry

Alarm	Attributes	Applicable major releases
Name: CpmProtectionViolationIfEntry (2926) Type: communications (87) Package: sitesecc Raised on class: sitesecc.CpmProtViolIfEntry	Severity: warning Implicitly cleared: false Default probable cause: denialOfService (790)	<ul style="list-style-type: none"> • 4.0 • 5.0 • 6.0
Description: The alarm is raised when the link-specific packet arrival rate limit at the interface is violated.		
Raising condition: ('Number of Rate Violations' NOT EQUAL '0L')		
Remedial action: A device in the network is sending traffic to the NE at a rate which is higher than expected. The source of the traffic must be identified and if the behavior is undesired then the device should be disabled. It is also possible that the threshold has been configured at a level which is lower that acceptable in which case the configuration should be align with the traffic levels expected.		

Table 19-56 CpmProtectionViolationPortEntry

Alarm	Attributes	Applicable major releases
Name: CpmProtectionViolationPortEntry (2927) Type: communications (87) Package: sitesecc Raised on class: sitesecc.CpmProtViolPortEntry	Severity: warning Implicitly cleared: false Default probable cause: denialOfService (790)	<ul style="list-style-type: none"> • 4.0 • 5.0 • 6.0
Description: The alarm is raised when the link-specific packet arrival rate limit at the port is violated.		
Raising condition: (('Number of Per-port Violations' NOT EQUAL '0L') OR ('Number of Link-specific Violations' NOT EQUAL '0L'))		
Remedial action: A device in the network is sending traffic to the NE at a rate which is higher than expected. The source of the traffic must be identified and if the behavior is undesired then the device should be disabled. It is also possible that the threshold has been configured at a level which is lower that acceptable in which case the configuration should be align with the traffic levels expected.		

Table 19-57 CpmProtectionViolationSAPEntry

Alarm	Attributes	Applicable major releases
Name: CpmProtectionViolationSAPEntry (2928) Type: communications (87) Package: sitesecc Raised on class: sitesecc.CpmProtViolSapEntry	Severity: warning Implicitly cleared: false Default probable cause: denialOfService (790)	<ul style="list-style-type: none"> • 4.0 • 5.0 • 6.0
Description: The alarm is raised when the link-specific packet arrival rate limit at the SAP is violated.		
Raising condition: ('Number of Rate Violations' NOT EQUAL '0L')		
Remedial action: A device in the network is sending traffic to the NE at a rate which is higher than expected. The source of the traffic must be identified and if the behavior is undesired then the device should be disabled. It is also possible that the threshold has been configured at a level which is lower than acceptable in which case the configuration should be aligned with the traffic levels expected.		

Table 19-58 CpmProtectionViolationSDPEntry

Alarm	Attributes	Applicable major releases
Name: CpmProtectionViolationSDPEntry (5415) Type: communications (87) Package: sitesecc Raised on class: sitesecc.CpmProtViolSdpEntry	Severity: warning Implicitly cleared: false Default probable cause: denialOfService (790)	<ul style="list-style-type: none"> • 4.0 • 5.0 • 6.0
Description: The alarm is raised when the overall packet arrival rate limit at the SDP is violated.		
Raising condition: ('Number of Rate Violations' NOT EQUAL '0L')		
Remedial action: A device in the network is sending traffic to the NE at a rate which is higher than expected. The source of the traffic must be identified and if the behavior is undesired then the device should be disabled. It is also possible that the threshold has been configured at a level which is lower than acceptable in which case the configuration should be aligned with the traffic levels expected.		

Table 19-59 Df2PeerDown

Alarm	Attributes	Applicable major releases
Name: Df2PeerDown (4798) Type: EpcLIAlarm (102) Package: Iteli Raised on class: Iteli.DFPeerCardGroup	Severity: major Implicitly cleared: true Default probable cause: Df2PeerDown (1898)	<ul style="list-style-type: none"> • 5.0 • 6.0
Description: The alarm is raised on a Delivery Function 2 that is operationally down.		
Raising condition: ('DF2 Operational State' NOT EQUAL 'In Service')		
Clearing condition: ('DF2 Operational State' EQUAL 'In Service')		
Remedial action: A TCP connection failure associated with a Delivery Function 2 has occurred. The underlying transport network is unreliable. Please correct the issue within the transport network.		

Table 19-60 Df3PeerDown

Alarm	Attributes	Applicable major releases
Name: Df3PeerDown (4799) Type: EpcLIAlarm (102) Package: Iteli Raised on class: Iteli.DFPeerCardGroup	Severity: major Implicitly cleared: true Default probable cause: Df3PeerDown (1899)	<ul style="list-style-type: none"> • 5.0 • 6.0
Description: The alarm is raised on a Delivery Function 3 that is operationally down.		
Raising condition: ('DF3 Operational State' NOT EQUAL 'In Service')		
Clearing condition: ('DF3 Operational State' EQUAL 'In Service')		
Remedial action: A TCP connection failure associated with a Delivery Function 3 has occurred. The underlying transport network is unreliable. Please correct the issue within the transport network.		

Table 19-61 DHCPPeerDown

Alarm	Attributes	Applicable major releases
Name: DHCPPeerDown (5040) Type: EpcAlarm (59) Package: Itegw Raised on class: Itegw.PdnDhcpSGPeer	Severity: variable Implicitly cleared: true Default probable cause: EPSPeerDown (602)	<ul style="list-style-type: none"> • 5.0 • 6.0
Description: The alarm is raised when the path management state of a DHCP peer changes to a state other than Up.		
Raising condition: ('Path Management State' NOT EQUAL 'Up')		
Clearing condition: ('Path Management State' EQUAL 'Up')		
Remedial action: A DHCP server group (peer) is operationally down for one of the following reasons: the underlying IP or physical interface is down, the far end peer is down or the underlying transport between this NE and the peer NE is down. To resolve the issue ensure that the IP/physical interface is up, check that the far end peer is operational and check that the underlying transport network is up.		

Table 19-62 DHCPServerFailoverStateChange

Alarm	Attributes	Applicable major releases
Name: DHCPServerFailoverStateChange (4986) Type: configurationAlarm (11) Package: dhcp Raised on class: dhcp.LocalDhcpServerFailover	Severity: warning Implicitly cleared: true Default probable cause: DHCPServerFailoverStateChanged (2041)	<ul style="list-style-type: none"> • 4.0 • 5.0 • 6.0
Description: The alarm is raised when the Local DHCP Server Failover has a state other than Normal.		
Raising condition: (('state' NOT EQUAL 'Normal'))		
Clearing condition: (('state' EQUAL 'Normal'))		

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Alarm	Attributes	Applicable major releases
Remedial action: This alarm is raised when operational state of a particular Local DHCP Server Failover is other than Normal. This can occur if the failover configuration is incorrect, disabled or if a server failover is in progress. This alarm will be cleared implicitly when the DHCP Server Failover state returns to Normal.		

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Table 19-63 downgradedCardAlarm

Alarm	Attributes	Applicable major releases
Name: downgradedCardAlarm (256) Type: softwareAlarm (19) Package: equipment Raised on class: equipment.Card	Severity: warning Implicitly cleared: true Default probable cause: downgradedCard (195)	<ul style="list-style-type: none"> • 4.0 • 5.0 • 6.0
Description: The alarm is raised when an IOM is not upgraded or reset after a device software upgrade of both CPMs. A device resets an IOM automatically after 120 minutes if the IOM is not manually reset after a CPM upgrade.		
Raising condition: ('operationalState' EQUAL 'Downgrade')		
Clearing condition: ('operationalState' EQUAL 'Up')		
Remedial action: Informational - no corrective action required.		

Table 19-64 DS1E1AlarmIndicationSignal

Alarm	Attributes	Applicable major releases
Name: DS1E1AlarmIndicationSignal (112) Type: communicationsAlarm (4) Package: tdmequipment Raised on class: tdmequipment.DS1E1ChannelSpecifics	Severity: major Implicitly cleared: true Default probable cause: alarmIndicationSignal (96)	<ul style="list-style-type: none"> • 4.0 • 5.0 • 6.0
Description: The alarm is raised when an NE reports that a specific DS1 or E1 channel has an AIS alarm condition.		
Raising condition: (('Outstanding Alarms'anyBit'Alarm Indication Signal') AND ('Report Alarms'anyBit'Alarm Indication Signal'))		
Clearing condition: NOT (('Outstanding Alarms'anyBit'Alarm Indication Signal') AND ('Report Alarms'anyBit'Alarm Indication Signal'))		
Remedial action: Informational only.		

Table 19-65 DS1E1Looped

Alarm	Attributes	Applicable major releases
Name: DS1E1Looped (126) Type: communicationsAlarm (4) Package: tdmequipment Raised on class: tdmequipment.DS1E1ChannelSpecifics	Severity: major Implicitly cleared: true Default probable cause: farEndLoopback (102)	<ul style="list-style-type: none"> • 4.0 • 5.0 • 6.0
Description: The alarm is raised when an NE reports that a specific DS1 or E1 channel has a remote loopback alarm condition.		
Raising condition: (('Outstanding Alarms'anyBit'Far end wants the near end to loopback') AND ('Report Alarms'anyBit'Far end wants the near end to loopback'))		
Clearing condition: NOT (('Outstanding Alarms'anyBit'Far end wants the near end to loopback') AND ('Report Alarms'anyBit'Far end wants the near end to loopback'))		
Remedial action: Informational only.		

Table 19-66 DS1E1LossOfSignal

Alarm	Attributes	Applicable major releases
Name: DS1E1LossOfSignal (124) Type: communicationsAlarm (4) Package: tdmequipment Raised on class: tdmequipment.DS1E1ChannelSpecifics	Severity: major Implicitly cleared: true Default probable cause: lossOfSignal (99)	<ul style="list-style-type: none"> • 4.0 • 5.0 • 6.0
Description: The alarm is raised when an NE reports that a specific DS1 or E1 channel has an LOS alarm condition.		
Raising condition: (('Outstanding Alarms'anyBit'Loss of Signal') AND ('Report Alarms'anyBit'Loss of Signal'))		
Clearing condition: NOT (('Outstanding Alarms'anyBit'Loss of Signal') AND ('Report Alarms'anyBit'Loss of Signal'))		
Remedial action: Informational only.		

Table 19-67 DS1E1OutOfFrame

Alarm	Attributes	Applicable major releases
Name: DS1E1OutOfFrame (125) Type: communicationsAlarm (4) Package: tdmequipment Raised on class: tdmequipment.DS1E1ChannelSpecifics	Severity: major Implicitly cleared: true Default probable cause: outOfFrame (100)	<ul style="list-style-type: none"> • 4.0 • 5.0 • 6.0
Description: The alarm is raised when an NE reports that a specific DS1 or E1 channel has an OOF alarm condition.		
Raising condition: (('Outstanding Alarms'anyBit'Out Of Frame') AND ('Report Alarms'anyBit'Out Of Frame'))		
Clearing condition: NOT (('Outstanding Alarms'anyBit'Out Of Frame') AND ('Report Alarms'anyBit'Out Of Frame'))		
Remedial action: Informational only.		

Table 19-68 DS1E1ResourceAvailabilityIndicator

Alarm	Attributes	Applicable major releases
Name: DS1E1ResourceAvailabilityIndicator (114) Type: communicationsAlarm (4) Package: tdmequipment Raised on class: tdmequipment.DS1E1ChannelSpecifics	Severity: major Implicitly cleared: true Default probable cause: resourceAvailabilityIndicator (98)	<ul style="list-style-type: none"> • 4.0 • 5.0 • 6.0
Description: The alarm is raised when an NE reports that a specific DS1 or E1 channel has an RAI alarm condition.		
Raising condition: (('Outstanding Alarms'anyBit'Resource Availability Indicator') AND ('Report Alarms'anyBit'Resource Availability Indicator'))		
Clearing condition: NOT (('Outstanding Alarms'anyBit'Resource Availability Indicator') AND ('Report Alarms'anyBit'Resource Availability Indicator'))		
Remedial action: Informational only.		

Table 19-69 DS1E1SignalDegradation

Alarm	Attributes	Applicable major releases
Name: DS1E1SignalDegradation (500) Type: communicationsAlarm (4) Package: tdmequipment Raised on class: tdmequipment.DS1E1ChannelSpecifics	Severity: major Implicitly cleared: true Default probable cause: signalDegradation (386)	<ul style="list-style-type: none"> • 4.0 • 5.0 • 6.0
Description: The alarm is raised when an NE reports that a specific DS1 or E1 channel has an SD alarm condition.		
Raising condition: (('Outstanding Alarms'anyBit'Signal Degradation') AND ('Report Alarms'anyBit'Signal Degradation'))		
Clearing condition: NOT (('Outstanding Alarms'anyBit'Signal Degradation') AND ('Report Alarms'anyBit'Signal Degradation'))		
Remedial action: Informational only.		

Table 19-70 DS1E1SignalFailure

Alarm	Attributes	Applicable major releases
Name: DS1E1SignalFailure (501) Type: communicationsAlarm (4) Package: tdmequipment Raised on class: tdmequipment.DS1E1ChannelSpecifics	Severity: major Implicitly cleared: true Default probable cause: signalFailure (387)	<ul style="list-style-type: none"> • 4.0 • 5.0 • 6.0
Description: The alarm is raised when an NE reports that a specific DS1 or E1 channel has an SF alarm condition.		
Raising condition: (('Outstanding Alarms'anyBit'Signal Failure') AND ('Report Alarms'anyBit'Signal Failure'))		
Clearing condition: NOT (('Outstanding Alarms'anyBit'Signal Failure') AND ('Report Alarms'anyBit'Signal Failure'))		
Remedial action: Informational only.		

Table 19-71 DS3E3AlarmIndicationSignal

Alarm	Attributes	Applicable major releases
Name: DS3E3AlarmIndicationSignal (115) Type: communicationsAlarm (4) Package: tdmequipment Raised on class: tdmequipment.DS3E3ChannelSpecifics	Severity: major Implicitly cleared: true Default probable cause: alarmIndicationSignal (96)	<ul style="list-style-type: none"> • 4.0 • 5.0 • 6.0
Description: The alarm is raised when an NE reports that a specific DS3 or E3 channel has an AIS alarm condition.		
Raising condition: (('Outstanding Alarms'anyBit'Alarm Indication Signal') AND ('Report Alarms'anyBit'Alarm Indication Signal'))		
Clearing condition: NOT (('Outstanding Alarms'anyBit'Alarm Indication Signal') AND ('Report Alarms'anyBit'Alarm Indication Signal'))		
Remedial action: Informational only.		

Table 19-72 DS3E3Looped

Alarm	Attributes	Applicable major releases
Name: DS3E3Looped (120) Type: communicationsAlarm (4) Package: tdmequipment Raised on class: tdmequipment.DS3E3ChannelSpecifics	Severity: major Implicitly cleared: true Default probable cause: farEndLoopback (102)	<ul style="list-style-type: none"> • 4.0 • 5.0 • 6.0
Description: The alarm is raised when an NE reports that a specific DS3 or E3 channel has a remote loopback alarm condition.		
Raising condition: (('Outstanding Alarms'anyBit'Far end wants the near end to loopback') AND ('Report Alarms'anyBit'Far end wants the near end to loopback'))		
Clearing condition: NOT (('Outstanding Alarms'anyBit'Far end wants the near end to loopback') AND ('Report Alarms'anyBit'Far end wants the near end to loopback'))		
Remedial action: Informational only.		

Table 19-73 DS3E3LossOfSignal

Alarm	Attributes	Applicable major releases
Name: DS3E3LossOfSignal (116) Type: communicationsAlarm (4) Package: tdmequipment Raised on class: tdmequipment.DS3E3ChannelSpecifics	Severity: major Implicitly cleared: true Default probable cause: lossOfSignal (99)	<ul style="list-style-type: none"> • 4.0 • 5.0 • 6.0
Description: The alarm is raised when an NE reports that a specific DS3 or E3 channel has an LOS alarm condition.		
Raising condition: (('Outstanding Alarms'anyBit'Loss of Signal') AND ('Report Alarms'anyBit'Loss of Signal'))		
Clearing condition: NOT (('Outstanding Alarms'anyBit'Loss of Signal') AND ('Report Alarms'anyBit'Loss of Signal'))		

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Alarm	Attributes	Applicable major releases
Remedial action: Informational only.		

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Table 19-74 DS3E3OutOfFrame

Alarm	Attributes	Applicable major releases
Name: DS3E3OutOfFrame (117) Type: communicationsAlarm (4) Package: tdmequipment Raised on class: tdmequipment.DS3E3ChannelSpecifics	Severity: major Implicitly cleared: true Default probable cause: outOfFrame (100)	<ul style="list-style-type: none"> • 4.0 • 5.0 • 6.0
Description: The alarm is raised when an NE reports that a specific DS3 or E3 channel has an OOF alarm condition.		
Raising condition: (('Outstanding Alarms'anyBit'Out Of Frame') AND ('Report Alarms'anyBit'Out Of Frame'))		
Clearing condition: NOT (('Outstanding Alarms'anyBit'Out Of Frame') AND ('Report Alarms'anyBit'Out Of Frame'))		
Remedial action: Informational only.		

Table 19-75 DS3E3ResourceAvailability

Alarm	Attributes	Applicable major releases
Name: DS3E3ResourceAvailability (119) Type: communicationsAlarm (4) Package: tdmequipment Raised on class: tdmequipment.DS3E3ChannelSpecifics	Severity: major Implicitly cleared: true Default probable cause: resourceAvailabilityIndicator (98)	<ul style="list-style-type: none"> • 4.0 • 5.0 • 6.0
Description: The alarm is raised when an NE reports that a specific DS3 or E3 channel has an RAI alarm condition.		
Raising condition: (('Outstanding Alarms'anyBit'Resource Availability Indicator') AND ('Report Alarms'anyBit'Resource Availability Indicator'))		
Clearing condition: NOT (('Outstanding Alarms'anyBit'Resource Availability Indicator') AND ('Report Alarms'anyBit'Resource Availability Indicator'))		
Remedial action: Informational only.		

Table 19-76 EfmOamAlarm

Alarm	Attributes	Applicable major releases
Name: EfmOamAlarm (4617) Type: equipmentAlarm (3) Package: ethernetequipment Raised on class: ethernetequipment.Dot3Oam	Severity: minor Implicitly cleared: true Default probable cause: EFMOAMOperationalStateOutOfService (1886)	<ul style="list-style-type: none"> • 4.0 • 5.0 • 6.0
Description: The alarm is raised when EFM Ignore status is Enabled, and Physical port Administrative State is Down.		
Raising condition: ('Ignore EFM State' EQUAL 'true')		
Clearing condition: ('Ignore EFM State' EQUAL 'true')		
Remedial action: The alarm is raised when EFM Ignore status is Enabled, and Physical port Administrative State is Down.		

Table 19-77 EpcDown

Alarm	Attributes	Applicable major releases
Name: EpcDown (743) Type: EpcAlarm (59) Package: Ite Raised on class: Ite.EPCGateway	Severity: major Implicitly cleared: true Default probable cause: EpcDown (519)	<ul style="list-style-type: none"> • 4.0 • 5.0 • 6.0
Description: The alarm is raised when an EPC instance is operationally down but administratively up.		
Raising condition: (('Operational State' NOT EQUAL 'Up') AND ('Administrative State' EQUAL 'Up'))		
Clearing condition: (('Operational State' EQUAL 'Up') OR ('Administrative State' NOT EQUAL 'Up'))		
Remedial action: This alarm is an indication that the GW card(s) the EPC instance is running on is operationally down. Ensure that the appropriate number of GW card(s) installed in the chassis and are operational.		

Table 19-78 EquipmentAdministrativelyDown

Alarm	Attributes	Applicable major releases
Name: EquipmentAdministrativelyDown (455) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.Equipment	Severity: minor Implicitly cleared: true Default probable cause: equipmentAdministrativelyDown (326)	<ul style="list-style-type: none"> • 4.0 • 5.0 • 6.0
Description: The alarm is raised when the compositeEquipmentState attribute has a value of equipmentAdministrativelyDown.		
Raising condition: ('compositeEquipmentState' EQUAL 'Admin Down')		
Clearing condition: ('compositeEquipmentState' NOT EQUAL 'Admin Down')		
Remedial action: Informational - no corrective action required.		

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Table 19-79 EquipmentDegraded

Alarm	Attributes	Applicable major releases
Name: EquipmentDegraded (604) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.FanTray	Severity: minor Implicitly cleared: true Default probable cause: singleFanFailure (450)	<ul style="list-style-type: none"> • 4.0 • 5.0 • 6.0
Description: The alarm is raised when a single fan fails. The chassis attempts to continue operating within the normal temperature range using only the remaining fans.		
Raising condition: ('Device State' EQUAL 'MinorFailure')		
Clearing condition: ('Device State' NOT EQUAL 'MinorFailure')		
Remedial action: The failed fan unit should be replaced.		

Table 19-80 EquipmentDown

Alarm	Attributes	Applicable major releases
Name: EquipmentDown (10) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.Equipment	Severity: major Implicitly cleared: true Default probable cause: inoperableEquipment (8)	<ul style="list-style-type: none"> • 4.0 • 5.0 • 6.0
Description: The alarm is raised when the compositeEquipmentState attribute has a value of equipmentOperationallyDown.		
Raising condition: ('compositeEquipmentState' EQUAL 'Oper Down')		
Clearing condition: ('compositeEquipmentState' NOT EQUAL 'Oper Down')		
Remedial action: This alarm indicates that a card in the NE has failed. The card must be replaced.		

Table 19-81 EquipmentFailure

Alarm	Attributes	Applicable major releases
Name: EquipmentFailure (145) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.ReplaceableUnit	Severity: critical Implicitly cleared: true Default probable cause: cardFailure (123)	<ul style="list-style-type: none"> • 4.0 • 5.0 • 6.0
Description: The alarm is raised when a control processor or power-supply tray reports a failure. When the object type is ControlProcessor, a CPM may be unable to boot. When the object type is Power Supply Tray and the alarm is raised during device discovery, a power-supply tray may be out of service. When the object type is a Power Supply Tray and the device is in the managed state, a power-supply tray may be out of service or the AC power shelf has a fault condition. The alarm clears when the status changes to OK.		
Raising condition: ('operationalState' EQUAL 'Failed')		
Clearing condition: ('operationalState' NOT EQUAL 'Failed')		

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Alarm	Attributes	Applicable major releases
Remedial action: If the alarm indicates that the CPM card has a fault, remove the card and reset it. If this does not clear the alarm then please contact Alcatel-Lucent support for assistance. If the alarm indicates that the Power Supply tray is out of service ensure that the NE is properly connected to power. If the problem persists please contact Alcatel-Lucent support for assistance.		

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Table 19-82 EquipmentInTest

Alarm	Attributes	Applicable major releases
Name: EquipmentInTest (11) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.Equipment	Severity: warning Implicitly cleared: true Default probable cause: equipmentInTest (9)	<ul style="list-style-type: none"> • 4.0 • 5.0 • 6.0
Description: The alarm is raised when equipment enters a diagnostic state.		
Raising condition: ('compositeEquipmentState' EQUAL 'In Test')		
Clearing condition: ('compositeEquipmentState' NOT EQUAL 'In Test')		
Remedial action: Informational - no corrective action required.		

Table 19-83 EquipmentMismatch

Alarm	Attributes	Applicable major releases
Name: EquipmentMismatch (9) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.Equipment	Severity: major Implicitly cleared: true Default probable cause: equipmentTypeMismatch (7)	<ul style="list-style-type: none"> • 4.0 • 5.0 • 6.0
Description: The alarm is raised when the compositeEquipmentState attribute has a value of equipmentMismatch.		
Raising condition: ('compositeEquipmentState' EQUAL 'Type Mismatch')		
Clearing condition: ('compositeEquipmentState' NOT EQUAL 'Type Mismatch')		
Remedial action: A configuration error has occurred which must be corrected. The card type configured for the slot identified in the alarm must match the installed card type.		

Table 19-84 EquipmentRemoved

Alarm	Attributes	Applicable major releases
Name: EquipmentRemoved (8) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.Equipment	Severity: major Implicitly cleared: true Default probable cause: replaceableEquipmentRemoved (6)	<ul style="list-style-type: none"> • 4.0 • 5.0 • 6.0

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Alarm	Attributes	Applicable major releases
Description: The alarm is raised when the compositeEquipmentState attribute has a value of equipmentMissing.		
Raising condition: (((isEquipped' EQUAL 'false') OR ('compositeEquipmentState' EQUAL 'Removed')) AND ('isEquipmentInserted' EQUAL 'true'))		
Clearing condition: (('compositeEquipmentState' NOT EQUAL 'Removed') AND ('isEquipped' EQUAL 'true'))		
Remedial action: Informational - this alarm is raised when a card is removed.		

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Table 19-85 EthernetPortConfiguredLoopback

Alarm	Attributes	Applicable major releases
Name: EthernetPortConfiguredLoopback (801) Type: configurationAlarm (11) Package: ethernetequipment Raised on class: ethernetequipment.EthernetPortSpecifics	Severity: warning Implicitly cleared: true Default probable cause: ethernetPortConfiguredLoopback (567)	<ul style="list-style-type: none"> • 4.0 • 5.0 • 6.0
Description: The alarm is raised when a timed loopback is in effect for an Ethernet port.		
Raising condition: (('Type' NOT EQUAL 'None'))		
Clearing condition: (('Type' EQUAL 'None'))		
Remedial action: This alarm has been raised by the node because "Timed Loopback" option of the specific port's Ethernet property has been enabled. To resolve this problem from "Ethernet" tab of "Physical Port" properties form configure "Timed Loopback" Type property as "None".		

Table 19-86 EthernetPortDuplicateLane

Alarm	Attributes	Applicable major releases
Name: EthernetPortDuplicateLane (3557) Type: communicationsAlarm (4) Package: ethernetequipment Raised on class: ethernetequipment.EthernetPortSpecifics	Severity: major Implicitly cleared: true Default probable cause: DuplicateLane (1387)	<ul style="list-style-type: none"> • 4.0 • 5.0 • 6.0
Description: The alarm is raised when a device reports a Duplicate Lane on an Ethernet port.		
Raising condition: (('Outstanding Alarms'anyBit'Duplicate Lane') AND ('Report Alarms'anyBit'Duplicate Lane'))		
Clearing condition: NOT (('Outstanding Alarms'anyBit'Duplicate Lane') AND ('Report Alarms'anyBit'Duplicate Lane'))		
Remedial action: One of the following conditions exists on the referenced physical interface which must be corrected. A cable/fiber fault exists which must be corrected - check to ensure that the cable is not faulty and is properly connected. The port is faulty - run diagnostics on the port to determine the nature of the fault. If the problem cannot be resolved swap the card containing the port with a card which is known be functional.		

Table 19-87 EthernetPortHighBer

Alarm	Attributes	Applicable major releases
Name: EthernetPortHighBer (307) Type: communicationsAlarm (4) Package: ethernetequipment Raised on class: ethernetequipment.EthernetPortSpecifics	Severity: major Implicitly cleared: true Default probable cause: HighBer (238)	<ul style="list-style-type: none"> • 4.0 • 5.0 • 6.0
Description: The alarm is raised when a device reports a high bit-error rate on an Ethernet port.		
Raising condition: (('Outstanding Alarms'anyBit'High Bit Error Rate') AND ('Report Alarms'anyBit'High Bit Error Rate'))		
Clearing condition: NOT (('Outstanding Alarms'anyBit'High Bit Error Rate') AND ('Report Alarms'anyBit'High Bit Error Rate'))		
Remedial action: One of the following conditions exists on the physical interface which must be corrected. A cable/fiber fault exists which must be corrected - check to ensure that the cable is not faulty and is properly connected. The port is faulty - run diagnostics on the port to determine the nature of the fault.		

Table 19-88 EthernetPortLocalFault

Alarm	Attributes	Applicable major releases
Name: EthernetPortLocalFault (305) Type: communicationsAlarm (4) Package: ethernetequipment Raised on class: ethernetequipment.EthernetPortSpecifics	Severity: major Implicitly cleared: true Default probable cause: LocalFault (236)	<ul style="list-style-type: none"> • 4.0 • 5.0 • 6.0
Description: The alarm is raised when a device reports a local fault on an Ethernet port.		
Raising condition: (('Outstanding Alarms'anyBit'Local Fault') AND ('Report Alarms'anyBit'Local Fault'))		
Clearing condition: NOT (('Outstanding Alarms'anyBit'Local Fault') AND ('Report Alarms'anyBit'Local Fault'))		
Remedial action: One of the following conditions exists on the physical interface which must be corrected. A cable/fiber fault exists which must be corrected - check to ensure that the cable is not faulty and is properly connected. The port is faulty - run diagnostics on the port to determine the nature of the fault.		

Table 19-89 EthernetPortNoAmLock

Alarm	Attributes	Applicable major releases
Name: EthernetPortNoAmLock (3558) Type: communicationsAlarm (4) Package: ethernetequipment Raised on class: ethernetequipment.EthernetPortSpecifics	Severity: major Implicitly cleared: true Default probable cause: NoAmLock (1388)	<ul style="list-style-type: none"> • 4.0 • 5.0 • 6.0
Description: The alarm is raised when a device reports a No Am Lock on an Ethernet port.		
Raising condition: (('Outstanding Alarms'anyBit'No AM Lock') AND ('Report Alarms'anyBit'No AM Lock'))		

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Alarm	Attributes	Applicable major releases
Clearing condition: NOT (('Outstanding Alarms'anyBit'No AM Lock') AND ('Report Alarms'anyBit'No AM Lock'))		
Remedial action: One of the following conditions exists on the referenced physical interface which must be corrected. A cable/fiber fault exists which must be corrected - check to ensure that the cable is not faulty and is properly connected. The port is faulty - run diagnostics on the port to determine the nature of the fault. If the problem cannot be resolved swap the card containing the port with a card which is known be functional.		

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Table 19-90 EthernetPortNoBlockLock

Alarm	Attributes	Applicable major releases
Name: EthernetPortNoBlockLock (3559) Type: communicationsAlarm (4) Package: ethernetequipment Raised on class: ethernetequipment.EthernetPortSpecifics	Severity: major Implicitly cleared: true Default probable cause: NoBlockLock (1389)	<ul style="list-style-type: none"> • 4.0 • 5.0 • 6.0
Description: The alarm is raised when a device reports a No Block Lock on an Ethernet port.		
Raising condition: (('Outstanding Alarms'anyBit'No Block Lock') AND ('Report Alarms'anyBit'No Block Lock'))		
Clearing condition: NOT (('Outstanding Alarms'anyBit'No Block Lock') AND ('Report Alarms'anyBit'No Block Lock'))		
Remedial action: One of the following conditions exists on the referenced physical interface which must be corrected. A cable/fiber fault exists which must be corrected - check to ensure that the cable is not faulty and is properly connected. The port is faulty - run diagnostics on the port to determine the nature of the fault. If the problem cannot be resolved swap the card containing the port with a card which is known be functional.		

Table 19-91 EthernetPortNoFrameLock

Alarm	Attributes	Applicable major releases
Name: EthernetPortNoFrameLock (306) Type: communicationsAlarm (4) Package: ethernetequipment Raised on class: ethernetequipment.EthernetPortSpecifics	Severity: major Implicitly cleared: true Default probable cause: NoFrameLock (237)	<ul style="list-style-type: none"> • 4.0 • 5.0 • 6.0
Description: The alarm is raised when a device reports No Frame Lock on an Ethernet port.		
Raising condition: (('Outstanding Alarms'anyBit'No Frame Lock') AND ('Report Alarms'anyBit'No Frame Lock'))		
Clearing condition: NOT (('Outstanding Alarms'anyBit'No Frame Lock') AND ('Report Alarms'anyBit'No Frame Lock'))		
Remedial action: One of the following conditions exists on the physical interface which must be corrected. A cable/fiber fault exists which must be corrected - check to ensure that the cable is not faulty and is properly connected. The port is faulty - run diagnostics on the port to determine the nature of the fault.		

Table 19-92 EthernetPortRemoteFault

Alarm	Attributes	Applicable major releases
Name: EthernetPortRemoteFault (304) Type: communicationsAlarm (4) Package: ethernetequipment Raised on class: ethernetequipment.EthernetPortSpecifics	Severity: major Implicitly cleared: true Default probable cause: RemoteFault (235)	<ul style="list-style-type: none"> • 4.0 • 5.0 • 6.0
Description: The alarm is raised when a device reports a remote fault on an Ethernet port.		
Raising condition: (('Outstanding Alarms'anyBit'Remote Fault') AND ('Report Alarms'anyBit'Remote Fault'))		
Clearing condition: NOT (('Outstanding Alarms'anyBit'Remote Fault') AND ('Report Alarms'anyBit'Remote Fault'))		
Remedial action: One of the following conditions exists on the remote physical interface which must be corrected. A cable/fiber fault exists which must be corrected - check to ensure that the cable is not faulty and is properly connected. The port is faulty - run diagnostics on the port to determine the nature of the fault.		

Table 19-93 EthernetPortSignalFailure

Alarm	Attributes	Applicable major releases
Name: EthernetPortSignalFailure (303) Type: communicationsAlarm (4) Package: ethernetequipment Raised on class: ethernetequipment.EthernetPortSpecifics	Severity: major Implicitly cleared: true Default probable cause: SignalFailure (234)	<ul style="list-style-type: none"> • 4.0 • 5.0 • 6.0
Description: The alarm is raised when a device reports a signal failure on an Ethernet port.		
Raising condition: (('Outstanding Alarms'anyBit'Signal Failure') AND ('Report Alarms'anyBit'Signal Failure'))		
Clearing condition: NOT (('Outstanding Alarms'anyBit'Signal Failure') AND ('Report Alarms'anyBit'Signal Failure'))		
Remedial action: One of the following conditions exists on the physical interface which must be corrected. A cable/fiber fault exists which must be corrected - check to ensure that the cable is not faulty and is properly connected. The port is faulty - run diagnostics on the port to determine the nature of the fault.		

Table 19-94 ExternalTimingReferenceNotQualified

Alarm	Attributes	Applicable major releases
Name: ExternalTimingReferenceNotQualified (548) Type: communicationsAlarm (4) Package: sonet Raised on class: sonet.SiteSync	Severity: minor Implicitly cleared: true Default probable cause: timingReferenceNotQualified (418)	<ul style="list-style-type: none"> • 4.0 • 5.0 • 6.0
Description: The alarm is raised when the External timing reference on an NE is not in the Qualified state.		
Raising condition: (('Qualified For Use' EQUAL 'Not Qualified') AND ('Administrative State' NOT EQUAL 'Down'))		
Clearing condition: (('Qualified For Use' NOT EQUAL 'Not Qualified') OR ('Administrative State' EQUAL 'Down'))		

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Alarm	Attributes	Applicable major releases
Remedial action: Informational		

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Table 19-95 FanFailure

Alarm	Attributes	Applicable major releases
Name: FanFailure (624) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.FanTray	Severity: critical Implicitly cleared: true Default probable cause: fanFailure (116)	<ul style="list-style-type: none"> • 4.0 • 5.0 • 6.0
Description: The alarm is raised when the associated fan is not operationally Up.		
Raising condition: (('Device State' EQUAL 'Failed') OR ('Device State' EQUAL 'Unknown') OR ('Device State' EQUAL 'OutOfservice'))		
Clearing condition: ('Device State' EQUAL 'OK')		
Remedial action: Remove and reset the fan unit. If this does not resolve the problem replace the fan.		

Table 19-96 FanTrayRemoved

Alarm	Attributes	Applicable major releases
Name: FanTrayRemoved (569) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.FanTray	Severity: critical Implicitly cleared: true Default probable cause: FanTrayRemoved (438)	<ul style="list-style-type: none"> • 4.0 • 5.0 • 6.0
Description: The alarm is raised when the deviceState attribute has a value of deviceNotEquipped.		
Raising condition: ('Device State' EQUAL 'Not Equipped')		
Clearing condition: ('Device State' NOT EQUAL 'Not Equipped')		
Remedial action: Informational - a fan tray has been removed from the NE.		

Table 19-97 ForwardingTableSizeLimitReached

Alarm	Attributes	Applicable major releases
Name: ForwardingTableSizeLimitReached (164) Type: resourceAlarm (28) Package: I2fwd Raised on class: I2fwd.SiteFib	Severity: major Implicitly cleared: true Default probable cause: resourceLimitReached (131)	<ul style="list-style-type: none"> • 4.0 • 5.0 • 6.0

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Alarm	Attributes	Applicable major releases
Description: The alarm is raised when the number of MAC address entries in the FIB reaches or exceeds the VPLS site high watermark specified by I2fwd.SiteFib.highWatermark. The alarm clears when the number of MAC address entries in the FIB drops below the VPLS site low watermark specified by I2fwd.SiteFib.lowWatermark. The alarm can be raised against a VPLS site, L2 access interface, or spoke SDP binding.		
Raising condition: (('Entries' >= 'Size') OR ('Entries' >= (('High Watermark' * 'Size') / 100.0)))"		
Clearing condition: (('Entries' < 'Size') AND (('High Watermark' EQUAL '0L') OR ('Entries' < (('Low Watermark' * 'Size') / 100.0))) AND (('Low Watermark' EQUAL '0L') OR ('Entries' < (('Low Watermark' * 'Size') / 100.0))))		
Remedial action: Informational		

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Table 19-98 FrameSizeProblem (netw)

Alarm	Attributes	Applicable major releases
Name: FrameSizeProblem (37) Type: configurationAlarm (11) Package: netw Raised on class: netw.StatefullConnectableInterface	Severity: critical Implicitly cleared: true Default probable cause: frameSizeProblem (33)	<ul style="list-style-type: none"> • 4.0 • 5.0 • 6.0
Description: The alarm is raised when a provisioned MTU size value is greater than the supported MTU size value.		
Raising condition: (('mtuMismatch' EQUAL 'true') AND ('portId' NOT EQUAL '0L'))		
Clearing condition: (('mtuMismatch' EQUAL 'false') OR ('portId' EQUAL '0L'))		
Remedial action: A configuration error has been made which must be corrected. The MTU value must be changed such that is less than or equal to the supported MTU size value.		

Table 19-99 FrameSizeProblem (svt)

Alarm	Attributes	Applicable major releases
Name: FrameSizeProblem (37) Type: configurationAlarm (11) Package: svt Raised on class: svt.SdpBinding	Severity: critical Implicitly cleared: true Default probable cause: frameSizeProblem (33)	<ul style="list-style-type: none"> • 4.0 • 5.0 • 6.0
Description: The alarm is raised when a provisioned MTU size value is greater than the supported MTU size value.		
Raising condition: (('Operational State' EQUAL 'MTU Mismatch') OR ('Operational State' EQUAL 'Tunnel MTU Too Small'))		
Clearing condition: (('Operational State' NOT EQUAL 'MTU Mismatch') AND ('Operational State' NOT EQUAL 'Tunnel MTU Too Small'))		
Remedial action: The MTU value must be changed such that is is less than or equal to the supported MTU size value.		

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Table 19-100 GaPeerDown

Alarm	Attributes	Applicable major releases
Name: GaPeerDown (3303) Type: EpcAlarm (59) Package: Iteggnsn Raised on class: Iteggnsn.GaPeer	Severity: major Implicitly cleared: true Default probable cause: EPSPeerDown (602)	<ul style="list-style-type: none"> • 4.0 • 5.0 • 6.0
Description: The alarm is raised when the path management state of a Ga peer changes to a state other than Up.		
Raising condition: ('Path Management State' NOT EQUAL 'Active')		
Clearing condition: ('Path Management State' EQUAL 'Active')		
Remedial action: A Ga reference point (peer) is operationally down for one of the following reasons: the underlying IP or physical interface is down, the far end peer is down or the underlying transport between this NE and the peer NE is down. To resolve the issue ensure that the IP/physical interface is up, check that the far end peer is operational and check that the underlying transport network is up.		

Table 19-101 GRE TunnelDown

Alarm	Attributes	Applicable major releases
Name: GRE TunnelDown (3326) Type: serviceAlarm (16) Package: svt Raised on class: svt.GRETunnel	Severity: major Implicitly cleared: true Default probable cause: tunnelDown (23)	<ul style="list-style-type: none"> • 4.0 • 5.0 • 6.0
Description: The alarm is raised when the IP/GRE tunnel Operational State changes to Down and the Administrative State is Up.		
Raising condition: (('Operational State' NOT EQUAL 'Up') AND ('Administrative State' EQUAL 'Up'))		
Clearing condition: (('Operational State' EQUAL 'Up') OR ('Administrative State' NOT EQUAL 'Up'))		
Remedial action: The situation may occur if the underlying physical port is down either because of administrative disabling or a fault on the port or due to a cable connection or cable failure. This alarm will also be raised if the underlying transport network fails or is unreliable.		

Table 19-102 GroupDown

Alarm	Attributes	Applicable major releases
Name: GroupDown (69) Type: ProtocolAlarm (1) Package: rip Raised on class: rip.Group	Severity: critical Implicitly cleared: true Default probable cause: protocolDown (1)	<ul style="list-style-type: none"> • 4.0 • 5.0 • 6.0
Description: The alarm is raised when a RIP group has an Operational State other than Up, and the Administrative State is Up.		
Raising condition: (('administrativeState' EQUAL 'Up') AND ('operationalState' NOT EQUAL 'Up'))		
Clearing condition: (('operationalState' EQUAL 'Up') OR ('administrativeState' NOT EQUAL 'Up'))		

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Alarm	Attributes	Applicable major releases
Remedial action: The RIP Group is down while it is administratively up. Please check RIP related configuration e.g., the RIP is not shutdown.		

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Table 19-103 GroupInterfaceDown

Alarm	Attributes	Applicable major releases
Name: GroupInterfaceDown (441) Type: GroupInterfaceAlarm (44) Package: service Raised on class: service.GroupInterface	Severity: critical Implicitly cleared: true Default probable cause: interfaceDown (32)	<ul style="list-style-type: none"> • 4.0 • 5.0 • 6.0
Description: The alarm is raised when the 5620 SAM detects that a group interface is operationally down. The alarm clears when the group interface is operationally up.		
Raising condition: ('operationalState' NOT EQUAL 'Up')		
Clearing condition: ('operationalState' EQUAL 'Up')		
Remedial action: Check the configuration and the underlying physical interface.		

Table 19-104 IGHMisconfigured

Alarm	Attributes	Applicable major releases
Name: IGHMisconfigured (827) Type: ighAlarm (74) Package: igh Raised on class: igh.InterfaceGroupHandler	Severity: major Implicitly cleared: true Default probable cause: IGHProtocolMismatch (590)	<ul style="list-style-type: none"> • 4.0 • 5.0 • 6.0
Description: The alarm is raised when the IGH is administratively up but none of the IGH protocols is operationally up.		
Raising condition: (('igh_misconfigured' EQUAL "\"yes\"") AND ('Administrative State' EQUAL 'Up'))		
Clearing condition: (('igh_misconfigured' NOT EQUAL "\"yes\"") OR ('Administrative State' NOT EQUAL 'Up'))		
Remedial action: Please check the configuration.		

Table 19-105 IcmpDown

Alarm	Attributes	Applicable major releases
Name: IcmpDown (158) Type: ProtocolAlarm (1) Package: icmp Raised on class: icmp.Site	Severity: critical Implicitly cleared: true Default probable cause: protocolDown (1)	<ul style="list-style-type: none"> • 4.0 • 5.0 • 6.0

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Alarm	Attributes	Applicable major releases
Description: The alarm is raised when an IGMP site has an Operational State other than Up, and the Administrative State is Up.		
Raising condition: (('Administrative State' EQUAL 'Up') AND ('Operational State' NOT EQUAL 'Up'))		
Clearing condition: (('Operational State' EQUAL 'Up') OR ('Administrative State' NOT EQUAL 'Up'))		
Remedial action: While configured under VPRN, check if VPRN site is admin down, or if route distinguisher is not configured.		

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Table 19-106 IncompleteConfig (multichassis)

Alarm	Attributes	Applicable major releases
Name: IncompleteConfig (294) Type: configurationAlarm (11) Package: multichassis Raised on classes: <ul style="list-style-type: none"> multichassis.MultiChassisSync multichassis.MultiChassisLagMember 	Severity: major Implicitly cleared: true Default probable cause: incompleteConfig (225)	<ul style="list-style-type: none"> 4.0 5.0 6.0
Description: The alarm is raised when a peer configuration cannot be found on the peer NE.		
Raising condition: ('mLagPointer' EQUAL '\')		
Clearing condition: ('mLagPointer' NOT EQUAL '\')		
Remedial action: Configure the missing peered object.		

Table 19-107 IncompleteConfiguration

Alarm	Attributes	Applicable major releases
Name: IncompleteConfiguration (1942) Type: operationalViolation (93) Package: netw Raised on class: netw.NetworkElement	Severity: warning Implicitly cleared: true Default probable cause: incompleteConfig (225)	<ul style="list-style-type: none"> 4.0 5.0 6.0
Description: The alarm is raised when a pre-provisioned NE has no objects configured beneath it.		
Raising condition: (('State' EQUAL 'Pre-provisioned') AND ('eNodeB Equipment' EQUAL '\'))		
Clearing condition: (('State' EQUAL 'Pre-provisioned') AND ('eNodeB Equipment' NOT EQUAL '\'))		
Remedial action: A configuration error has been made which must be corrected. The configuration of the pre-provisioned NE is incomplete. A work order was not associated with the pre-provisioned NE and as a consequence the attempt to auto-configure the NE failed.		

Table 19-108 IncorrectEndPointPeerConfig

Alarm	Attributes	Applicable major releases
Name: IncorrectEndPointPeerConfig (1068) Type: configurationAlarm (11) Package: multichassis Raised on class: multichassis.MultiChassisEndpoint	Severity: major Implicitly cleared: true Default probable cause: incompleteEPPeerConfig (810)	<ul style="list-style-type: none"> • 4.0 • 5.0 • 6.0
Description: The alarm is raised when a peer configuration cannot be found on the peer NE.		
Raising condition: ('MC EndPoint Group Pointer' EQUAL '\')		
Clearing condition: ('MC EndPoint Group Pointer' NOT EQUAL '\')		
Remedial action: The peered object cannot be found on the peer NE. Either delete this one, or create the missing peer object.		

Table 19-109 IncorrectNeighborConfig

Alarm	Attributes	Applicable major releases
Name: IncorrectNeighborConfig (609) Type: configurationAlarm (11) Package: aps Raised on class: aps.ApsGroup	Severity: major Implicitly cleared: true Default probable cause: incorrectNeighborConfig (452)	<ul style="list-style-type: none"> • 4.0 • 5.0 • 6.0
Description: The alarm is raised when the peer does not exist or the neighbor address does not point to a network interface on the NE that contains the peer object.		
Raising condition: (('Type' EQUAL 'MultiChassis') AND ('Neighbor match' EQUAL 'false'))		
Clearing condition: (('Type' EQUAL 'SingleChassis') OR ('Neighbor match' EQUAL 'true'))		
Remedial action: Make sure a peer exist and the neighbor address points to a network interface on the NE that contains the peer object.		

Table 19-110 IncorrectPeerConfig

Alarm	Attributes	Applicable major releases
Name: IncorrectPeerConfig (779) Type: configurationAlarm (11) Package: multichassis Raised on class: multichassis.AbstractPeer	Severity: major Implicitly cleared: true Default probable cause: IncorrectPeerConfig (554)	<ul style="list-style-type: none"> • 4.0 • 5.0 • 6.0
Description: The alarm is raised when an MC peer does not exist, or when an MC peer exists but the peer address is not the address of a network interface on the peer.		
Raising condition: ('peerMatchFound' EQUAL 'false')		
Clearing condition: ('peerMatchFound' EQUAL 'true')		
Remedial action: The peer configuration cannot be found on the peer NE. Either delete this one, or create the missing peer object.		

Table 19-111 IncorrectPeerSynchronizationPortConfig

Alarm	Attributes	Applicable major releases
Name: IncorrectPeerSynchronizationPortConfig (780) Type: configurationAlarm (11) Package: multichassis Raised on class: multichassis.PeerSynchronizationPort	Severity: major Implicitly cleared: true Default probable cause: IncorrectPeerSynchronizationPortConfig (555)	<ul style="list-style-type: none"> • 4.0 • 5.0 • 6.0
Description: The alarm is raised when the peer port does not exist, or when the peer port exists but the synchronization tags of the peers do not match.		
Raising condition: ('peerMatchFound' EQUAL 'false')		
Clearing condition: ('peerMatchFound' EQUAL 'true')		
Remedial action: Check if the peer port does not exist, or the peer port exists but the synchronization tags do not match.		

Table 19-112 IncorrectPeerSynchronizationPortEncapRangeConfig

Alarm	Attributes	Applicable major releases
Name: IncorrectPeerSynchronizationPortEncapRangeConfig (781) Type: configurationAlarm (11) Package: multichassis Raised on class: multichassis.PeerSynchronizationPortEncapRange	Severity: major Implicitly cleared: true Default probable cause: IncorrectPeerSynchronizationPortEncapRangeConfig (556)	<ul style="list-style-type: none"> • 4.0 • 5.0 • 6.0
Description: The alarm is raised when the VLAN ranges on the Multi-Chassis synchronization peers do not match.		
Raising condition: ('Neighbor Match' EQUAL 'false')		
Clearing condition: ('Neighbor Match' EQUAL 'true')		
Remedial action: Update the VLAN ranges on the Multi-Chassis synchronization peers to make them matching.		

Table 19-113 InstanceDown (srrp)

Alarm	Attributes	Applicable major releases
Name: InstanceDown (284) Type: configurationAlarm (11) Package: srrp Raised on class: srrp.Instance	Severity: major Implicitly cleared: true Default probable cause: instanceDown (216)	<ul style="list-style-type: none"> • 4.0 • 5.0 • 6.0
Description: The alarm is raised when the 5620 SAM detects that an SRRP instance is operationally down.		
Raising condition: (('Administrative State' EQUAL 'Up') AND ('Operational State' EQUAL 'Initialize'))		
Clearing condition: (('Operational State' NOT EQUAL 'Initialize') OR ('Administrative State' NOT EQUAL 'Up'))		

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Alarm	Attributes	Applicable major releases
Remedial action: Check the configuration of the instance		

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Table 19-114 InstanceDown (vrrp)

Alarm	Attributes	Applicable major releases
Name: InstanceDown (284) Type: configurationAlarm (11) Package: vrrp Raised on class: vrrp.AbstractInstance	Severity: major Implicitly cleared: true Default probable cause: instanceDown (216)	<ul style="list-style-type: none"> • 4.0 • 5.0 • 6.0
Description: The alarm is raised when the 5620 SAM detects that a VRRP instance is operationally down.		
Raising condition: (('Administrative State' EQUAL 'Up') AND ('Operational State' NOT EQUAL 'Up'))		
Clearing condition: (('Operational State' EQUAL 'Up') OR ('Administrative State' NOT EQUAL 'Up'))		
Remedial action: Check the instance configuration		

Table 19-115 InterfaceDown (netw)

Alarm	Attributes	Applicable major releases
Name: InterfaceDown (36) Type: InterfaceAlarm (13) Package: netw Raised on class: netw.StatefullConnectableInterface	Severity: critical Implicitly cleared: true Default probable cause: interfaceDown (32)	<ul style="list-style-type: none"> • 4.0 • 5.0 • 6.0
Description: The alarm is raised when an interface or underlying resource fails, as indicated by an interface compositeState attribute value of failed or underlyingResourceFailed.		
Raising condition: (('compositeState' EQUAL 'Inoperable') OR ('compositeState' EQUAL 'Underlying Resource Inoperable'))		
Clearing condition: (('compositeState' NOT EQUAL 'Inoperable') AND ('compositeState' NOT EQUAL 'Underlying Resource Inoperable'))		
Remedial action: A physical port (physical interface, LAG, channel) associated with the network interface is not operation. Ensure that the interface is cabled and that there is not a configuration error (i.e. MTU size set incorrectly) on the interface. Once the issue w		

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Table 19-116 InterfaceDown (service)

Alarm	Attributes	Applicable major releases
Name: InterfaceDown (36) Type: configurationAlarm (11) Package: service Raised on class: service.RedundantInterface	Severity: major Implicitly cleared: true Default probable cause: interfaceDown (32)	<ul style="list-style-type: none"> • 4.0 • 5.0 • 6.0
Description: The alarm is raised when the 5620 SAM detects that a redundant interface is operationally down.		
Raising condition: (('administrativeState' EQUAL 'Up') AND ('operationalState' NOT EQUAL 'Up'))		
Clearing condition: (('operationalState' EQUAL 'Up') OR ('administrativeState' NOT EQUAL 'Up'))		
Remedial action: A physical port (physical interface, LAG, channel) associated with the network interface in not operation. Ensure that the interface is cabled and that there is not a configuration error (i.e. MTU size set incorrectly) on the interface. Once the issue w		

Table 19-117 InterfaceDown (vpls)

Alarm	Attributes	Applicable major releases
Name: InterfaceDown (36) Type: configurationAlarm (11) Package: vpls Raised on class: vpls.L2ManagementInterface	Severity: major Implicitly cleared: true Default probable cause: interfaceDown (32)	<ul style="list-style-type: none"> • 4.0 • 5.0 • 6.0
Description: The alarm is raised when an L2 management interface has an Operational State of Down, and the associated VPLS site has an Administrative State of Up.		
Raising condition: (('administrativeState' EQUAL 'Up') AND ('operationalState' NOT EQUAL 'Up'))		
Clearing condition: (('operationalState' EQUAL 'Up') OR ('administrativeState' NOT EQUAL 'Up'))		
Remedial action: The condition exists because the physical interface is down either because it is administratively disabled, faulty or a cabling fault has occurred. Ensure that the interface is administratively up. Check for a poor cable connection to the port or for a faulty cable/fiber. If neither appears to be the problem run diagnostics on the port to determine if it is faulty.		

Table 19-118 InterfaceDown (vprn)

Alarm	Attributes	Applicable major releases
Name: InterfaceDown (36) Type: configurationAlarm (11) Package: vprn Raised on class: vprn.IPMirrorInterface	Severity: major Implicitly cleared: true Default probable cause: interfaceDown (32)	<ul style="list-style-type: none"> • 4.0 • 5.0 • 6.0
Description: The alarm is raised when the 5620 SAM detects that an interface is operationally down.		
Raising condition: (('administrativeState' EQUAL 'Up') AND ('operationalState' NOT EQUAL 'Up'))		
Clearing condition: (('operationalState' EQUAL 'Up') OR ('administrativeState' NOT EQUAL 'Up'))		

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Alarm	Attributes	Applicable major releases
Remedial action: A physical port (physical interface, LAG, channel) associated with the network interface in not operation. Ensure that the interface is cabled and that there is not a configuration error (i.e. MTU size set incorrectly) on the interface. Once the issue w		

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Table 19-119 InterfaceNeighborDown

Alarm	Attributes	Applicable major releases
Name: InterfaceNeighborDown (661) Type: NeighborDown (20) Package: ospf Raised on class: ospf.Interface	Severity: warning Implicitly cleared: true Default probable cause: NeighborDown (103)	<ul style="list-style-type: none"> • 4.0 • 5.0 • 6.0
Description: The alarm is raised when an interface neighbor is operationally down.		
Raising condition: (('Neighbor Count' EQUAL '0L') AND ('interfaceClass' NOT EQUAL 'System') AND ('Passive' NOT EQUAL 'true'))		
Clearing condition: (('Neighbor Count' NOT EQUAL '0L') OR ('Passive' EQUAL 'true'))		
Remedial action: This alarm is raised when the OSPF interface neighbor is operationally down. The situation may occur if the underlying physical interface is down either because of administrative disabling or a fault on the far end port or due to a cable connection or cable failure. This alarm will also be raised if the underlying transport network fails or is unreliable. Resolving the underlying instability in the transport network will correct this problem.		

Table 19-120 IPSecGatewayDown

Alarm	Attributes	Applicable major releases
Name: IPSecGatewayDown (830) Type: serviceAlarm (16) Package: ipsec Raised on class: ipsec.IPSecGateway	Severity: major Implicitly cleared: true Default probable cause: gatewayDown (592)	<ul style="list-style-type: none"> • 4.0 • 5.0 • 6.0
Description: The alarm is raised when the Operational State of a SAP IPsec gateway changes to Down and the Administrative State is Up.		
Raising condition: (('Operational State' NOT EQUAL 'Up') AND ('Administrative State' EQUAL 'Up'))		
Clearing condition: (('Operational State' EQUAL 'Up') OR ('Administrative State' NOT EQUAL 'Up'))		
Remedial action: Fix the errors indicated in operational flag.		

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Table 19-121 IPSeclsGrpDown

Alarm	Attributes	Applicable major releases
Name: IPSeclsGrpDown (3745) Type: equipmentAlarm (3) Package: isa Raised on class: isa.IPSeclsGroup	Severity: major Implicitly cleared: true Default probable cause: IPSeclsGrpDown (1480)	<ul style="list-style-type: none"> • 4.0 • 5.0 • 6.0
Description: The alarm is raised when the Operational State of an ISA IPsec group is Down and the Administrative State is Up.		
Raising condition: (('administrativeState' EQUAL 'Up') AND ('operationalState' NOT EQUAL 'Up'))		
Clearing condition: (('operationalState' EQUAL 'Up') OR ('administrativeState' NOT EQUAL 'Up'))		
Remedial action: The operational state of the ISA-Tunnel Group is down, despite the administrative state being up. Check that the configured ISA-Tunnel Group Member MDA(s) are active and operationally up. There may be a fault with the ISA Application IPsec(Tunnel) Group.		

Table 19-122 IPsecTunnelBfdConnectionBroken

Alarm	Attributes	Applicable major releases
Name: IPsecTunnelBfdConnectionBroken (831) Type: serviceAlarm (16) Package: ipsec Raised on class: ipsec.IPsecTunnelBfd	Severity: minor Implicitly cleared: true Default probable cause: bfdSessionConnectionBroken (593)	<ul style="list-style-type: none"> • 4.0 • 5.0 • 6.0
Description: The alarm is raised when the BFD connection to a peer times out.		
Raising condition: ('Operational State' EQUAL 'Timed Out')		
Clearing condition: ('Operational State' NOT EQUAL 'Timed Out')		
Remedial action: Check if the route to the BFD peer exist and is up.		

Table 19-123 IPsecTunnelBfdConnectionDown

Alarm	Attributes	Applicable major releases
Name: IPsecTunnelBfdConnectionDown (832) Type: serviceAlarm (16) Package: ipsec Raised on class: ipsec.IPsecTunnelBfd	Severity: minor Implicitly cleared: true Default probable cause: bfdSessionDown (346)	<ul style="list-style-type: none"> • 4.0 • 5.0 • 6.0
Description: The alarm is raised when the Operational State of a BFD session is Not Connected.		
Raising condition: ('Operational State' NOT EQUAL 'Operational')		
Clearing condition: ('Operational State' EQUAL 'Operational')		
Remedial action: Check if the route to the BFD peer exist and is up.		

Table 19-124 IPSecTunnelBfdConnectionPeerDetectsDown

Alarm	Attributes	Applicable major releases
Name: IPSecTunnelBfdConnectionPeerDetectsDown (833) Type: serviceAlarm (16) Package: ipsec Raised on class: ipsec.IPSecTunnelBfd	Severity: minor Implicitly cleared: true Default probable cause: bfdSessionConnectionPeerDetectsDown (594)	<ul style="list-style-type: none"> • 4.0 • 5.0 • 6.0
Description: The alarm is raised when a BFD peer detects a connection timeout.		
Raising condition: ('Operational State' EQUAL 'Down')		
Clearing condition: ('Operational State' NOT EQUAL 'Down')		
Remedial action: Check if the route to the BFD peer exist and is up.		

Table 19-125 IPSecTunnelDown

Alarm	Attributes	Applicable major releases
Name: IPSecTunnelDown (834) Type: serviceAlarm (16) Package: ipsec Raised on class: ipsec.IPSecTunnel	Severity: major Implicitly cleared: true Default probable cause: tunnelDown (23)	<ul style="list-style-type: none"> • 4.0 • 5.0 • 6.0
Description: The alarm is raised when the IPsec tunnel operational state changes to 'down' and the administrative state is 'up'.		
Raising condition: (('Operational State' NOT EQUAL 'Up') AND ('Administrative State' EQUAL 'Up'))		
Clearing condition: (('Operational State' EQUAL 'Up') OR ('Administrative State' NOT EQUAL 'Up'))		
Remedial action: Fix the errors indicated in operational flag.		

Table 19-126 IsaAaGrpDown

Alarm	Attributes	Applicable major releases
Name: IsaAaGrpDown (647) Type: equipmentAlarm (3) Package: isa Raised on class: isa.AaGroup	Severity: major Implicitly cleared: true Default probable cause: IsaAaGrpDown (482)	<ul style="list-style-type: none"> • 4.0 • 5.0 • 6.0
Description: The alarm is raised when an ISA-AA group Operational State is Down, and the Administrative State is Up.		
Raising condition: (('Administrative State' EQUAL 'Up') AND ('Operational State' NOT EQUAL 'Up'))		
Clearing condition: (('Operational State' EQUAL 'Up') OR ('Administrative State' NOT EQUAL 'Up'))		
Remedial action: The operational state of the ISA-AA group is down, despite the administrative state being up. Check that the configured ISA-AA Group Member MDA(s) are active and operationally up. There may be a fault with the ISA Application Assurance MDA.		

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Table 19-127 IsaAaSubUnassigned

Alarm	Attributes	Applicable major releases
Name: IsaAaSubUnassigned (836) Type: equipmentAlarm (3) Package: isa Raised on class: isa.AaGroup	Severity: warning Implicitly cleared: true Default probable cause: IsaAaSubUnassigned (596)	<ul style="list-style-type: none"> • 4.0 • 5.0 • 6.0
Description: The alarm is raised when a subscriber cannot be assigned to an ISA-AA MDA in an AA group because of insufficient service queues, a high AA subscriber count, or a high AA subscriber statistics collection rate. The unassigned subscriber is treated as specified by the Operation Upon Failure parameter in the AA group. Recovery from this condition requires the removal and recreation of the AA subscriber when sufficient resources are available.		
Raising condition: (('Number of Unassigned ESM Subscribers' NOT EQUAL '0L') OR ('Number of Unassigned SAP Subscribers' NOT EQUAL '0L') OR ('Number of Unassigned Spoke SDP Subscribers' NOT EQUAL '0L'))		
Clearing condition: (('Number of Unassigned ESM Subscribers' EQUAL '0L') AND ('Number of Unassigned SAP Subscribers' EQUAL '0L') AND ('Number of Unassigned Spoke SDP Subscribers' EQUAL '0L'))		
Remedial action: The subscriber cannot be assigned to an ISA-AA MDA in an AA group because of insufficient service queues, a high AA subscriber count, or a high AA subscriber statistics collection rate. Remove and recreate the AA subscriber when sufficient resources are available.		

Table 19-128 IsaLnsGrpDown

Alarm	Attributes	Applicable major releases
Name: IsaLnsGrpDown (1119) Type: equipmentAlarm (3) Package: isa Raised on class: isa.LnsGroup	Severity: major Implicitly cleared: true Default probable cause: IsaLnsGrpDown (831)	<ul style="list-style-type: none"> • 4.0 • 5.0 • 6.0
Description: The alarm is raised when the Operational State of an ISA-LNS group is Down and the Administrative State is Up.		
Raising condition: (('Administrative State' EQUAL 'Up') AND ('Operational State' NOT EQUAL 'Up'))		
Clearing condition: (('Operational State' EQUAL 'Up') OR ('Administrative State' NOT EQUAL 'Up'))		
Remedial action: This alarm is caused by administrative shutdown or equipment failure of the MDA members. Review the status of the underlying ISA MDA group members and ensure they are operational.		

Table 19-129 IsaVideoGrpDown

Alarm	Attributes	Applicable major releases
Name: IsaVideoGrpDown (775) Type: equipmentAlarm (3) Package: isa Raised on class: isa.VideoGroup	Severity: major Implicitly cleared: true Default probable cause: IsaVideoGrpDown (550)	<ul style="list-style-type: none"> • 4.0 • 5.0 • 6.0
Description: The alarm is raised when the Operational State of an ISA video group is Down and the Administrative State is Up.		
Raising condition: (('Administrative State' EQUAL 'Up') AND ('Operational State' NOT EQUAL 'Up'))		

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Alarm	Attributes	Applicable major releases
Clearing condition: (('Operational State' EQUAL 'Up') OR ('Administrative State' NOT EQUAL 'Up'))		
Remedial action: The operational state of the ISA-Video Group is down, despite the administrative state being up. Check that the configured ISA-Video Group Member MDA(s) are active and operationally up. There may be a fault with the ISA Application Video Group.		

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Table 19-130 IsisAdjacencyDown

Alarm	Attributes	Applicable major releases
Name: IsisAdjacencyDown (153) Type: adjacencyAlarm (31) Package: isis Raised on class: isis.Interface	Severity: minor Implicitly cleared: true Default probable cause: IsisInterfaceDown (232)	<ul style="list-style-type: none"> • 4.0 • 5.0 • 6.0
Description: The alarm is raised when an IS-IS interface has no adjacencies, for example, because the IS-IS protocol on the remote site is down.		
Raising condition: (('Adjacency Count' EQUAL '0L') AND ('interfaceClass' NOT EQUAL 'System') AND ('Passive' NOT EQUAL 'True'))		
Clearing condition: (('Adjacency Count' > '0L') OR ('Passive' EQUAL 'True'))		
Remedial action: Check remote site to see if corresponding IS-IS interface is configured and admin up.		

Table 19-131 IsisDown

Alarm	Attributes	Applicable major releases
Name: IsisDown (19) Type: ProtocolAlarm (1) Package: isis Raised on class: isis.Site	Severity: critical Implicitly cleared: true Default probable cause: protocolDown (1)	<ul style="list-style-type: none"> • 4.0 • 5.0 • 6.0
Description: The alarm is raised when an IS-IS site has an Operational State other than Up, and the Administrative State is Up.		
Raising condition: (('Administrative State' EQUAL 'Up') AND ('Operational State' NOT EQUAL 'Up'))		
Clearing condition: (('Operational State' EQUAL 'Up') OR ('Administrative State' NOT EQUAL 'Up'))		
Remedial action: The protocol is not working anymore, could be a problem with IP addresses, resources on the device, ...		

Table 19-132 IsisInterfaceDown

Alarm	Attributes	Applicable major releases
Name: IsisInterfaceDown (301) Type: ProtocolAlarm (1) Package: isis Raised on class: isis.Interface	Severity: warning Implicitly cleared: true Default probable cause: protocolDown (1)	<ul style="list-style-type: none"> • 4.0 • 5.0 • 6.0
Description: The alarm is raised when an IS-IS interface has an Operational State other than Up.		
Raising condition: ('Operational State' EQUAL 'Down')		
Clearing condition: ('Operational State' NOT EQUAL 'Down')		
Remedial action: Check if underlying port is down, or associated network interface is down.		

Table 19-133 KeepAliveProblem

Alarm	Attributes	Applicable major releases
Name: KeepAliveProblem (100) Type: oamAlarm (18) Package: svt Raised on class: svt.Tunnel	Severity: warning Implicitly cleared: true Default probable cause: keepAliveFailed (86)	<ul style="list-style-type: none"> • 4.0 • 5.0 • 6.0
Description: The alarm is raised when the 5620 SAM detects a keep-alive protocol status of senderIdInvalid or responderIdError.		
Raising condition: (('Keep-Alive State' NOT EQUAL 'Disabled') AND ('Keep-Alive State' NOT EQUAL 'Alive') AND ('Keep-Alive State' NOT EQUAL 'Unknown'))		
Clearing condition: (('Keep-Alive State' EQUAL 'Disabled') OR ('Keep-Alive State' EQUAL 'Alive') OR ('Keep-Alive State' EQUAL 'Unknown'))		
Remedial action: Check the configuration of this tunnel and underlying physical transport.		

Table 19-134 L2TPDown

Alarm	Attributes	Applicable major releases
Name: L2TPDown (841) Type: ProtocolAlarm (1) Package: l2tp Raised on class: l2tp.Site	Severity: critical Implicitly cleared: true Default probable cause: protocolDown (1)	<ul style="list-style-type: none"> • 4.0 • 5.0 • 6.0
Description: The alarm is raised when an L2TP site becomes administratively down. The alarm clears when the L2TP site becomes administratively up.		
Raising condition: ('Administrative State' EQUAL 'Down')		
Clearing condition: ('Administrative State' EQUAL 'Up')		
Remedial action: This alarm indicates that the L2TP protocol administrative state is down. It is cleared automatically when L2TP administrative state is up again. Please verify the L2TP configuration. This alarm can be safely suppressed if L2TP is not used.		

Table 19-135 LabelProblem

Alarm	Attributes	Applicable major releases
Name: LabelProblem (98) Type: CircuitAlarm (17) Package: svt Raised on class: svt.SdpBinding	Severity: critical Implicitly cleared: true Default probable cause: labelProblem (84)	<ul style="list-style-type: none"> • 4.0 • 5.0 • 6.0
Description: The alarm is raised when an ingress or an egress label is missing.		
Raising condition: (('Operational State' EQUAL 'No Egress Label') OR ('Operational State' EQUAL 'No Ingress Label') OR ('Operational State' EQUAL 'No Labels'))		
Clearing condition: (('Operational State' NOT EQUAL 'No Egress Label') AND ('Operational State' NOT EQUAL 'No Ingress Label') AND ('Operational State' NOT EQUAL 'No Labels'))		
Remedial action: An ingress or egress label is missing for the SDP binding.		

Table 19-136 LagDown

Alarm	Attributes	Applicable major releases
Name: LagDown (20) Type: equipmentAlarm (3) Package: lag Raised on class: lag.Interface	Severity: critical Implicitly cleared: true Default probable cause: lagDown (17)	<ul style="list-style-type: none"> • 4.0 • 5.0 • 6.0
Description: The alarm is raised when all ports in a LAG are operationally down.		
Raising condition: (('Administrative State' EQUAL 'Up') AND ('operationalState' NOT EQUAL 'Up'))		
Clearing condition: (('operationalState' EQUAL 'Up') OR ('Administrative State' NOT EQUAL 'Up'))		
Remedial action: This alarm indicates that all physical Ethernet links associated with a LAG are operationally down. The reasons for the links to be down may vary from link to link. The following possible causes of this alarm should be investigated. The physical port (near end or far end) may have failed - this can be remedied by replacing the interface card in question. The physical links may have been turned down administratively - re-enable the links. A cable failure or disconnect may have occurred - please ensure that the cables are properly connected to the physical port and that the cable has not been damaged.		

Table 19-137 LagPortAddFailed

Alarm	Attributes	Applicable major releases
Name: LagPortAddFailed (422) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.PhysicalPort	Severity: warning Implicitly cleared: true Default probable cause: linkDown (315)	<ul style="list-style-type: none"> • 4.0 • 5.0 • 6.0
Description: The alarm is raised when the Lag Port Add function Fails.		
Raising condition: (('state' EQUAL 'Link Down') AND ('LAG ID' > '0'))		
Clearing condition: (('state' NOT EQUAL 'Link Down') OR ('LAG ID' EQUAL '0'))		

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Alarm	Attributes	Applicable major releases
Remedial action: A configuration error has occurred which must be corrected. The link that was to be added to the LAG group may be of the wrong type (i.e. non ethernet) or the limit of the number of links supported in a LAG may have been reached.		

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Table 19-138 LdpDown

Alarm	Attributes	Applicable major releases
Name: LdpDown (22) Type: ProtocolAlarm (1) Package: Idp Raised on class: Idp.Site	Severity: critical Implicitly cleared: true Default probable cause: protocolDown (1)	<ul style="list-style-type: none"> • 4.0 • 5.0 • 6.0
Description: The alarm is raised when an LDP site has an Operational State other than Up, and the Administrative State is Up.		
Raising condition: (('Administrative State' EQUAL 'Up') AND ('Operational State' NOT EQUAL 'Up'))		
Clearing condition: (('Operational State' EQUAL 'Up') OR ('Administrative State' NOT EQUAL 'Up'))		
Remedial action: Check operational state down reason and update accordingly.		

Table 19-139 LdpSessionNonexistent

Alarm	Attributes	Applicable major releases
Name: LdpSessionNonexistent (2954) Type: LdpSessionAlarm (101) Package: Idp Raised on class: Idp.Session	Severity: critical Implicitly cleared: true Default probable cause: LdpSessionDown (1149)	<ul style="list-style-type: none"> • 4.0 • 5.0 • 6.0
Description: The alarm is raised when an LDP session is non-existent.		
Raising condition: ('Session State' EQUAL 'Non-existent')		
Clearing condition: ('Session State' EQUAL 'Operational')		
Remedial action: Please check the LDP session path to make sure all associated protocols/interfaces/connections are OK.		

Table 19-140 LdpTargetedPeerDown

Alarm	Attributes	Applicable major releases
Name: LdpTargetedPeerDown (23) Type: ProtocolAlarm (1) Package: Idp Raised on class: Idp.TargetedPeer	Severity: critical Implicitly cleared: true Default probable cause: protocolDown (1)	<ul style="list-style-type: none"> • 4.0 • 5.0 • 6.0
Description: The alarm is raised when an LDP targeted peer is operationally down.		

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Alarm	Attributes	Applicable major releases
Raising condition: (('administrativeState' EQUAL 'Up') AND ('operationalState' NOT EQUAL 'Up'))		
Clearing condition: (('operationalState' EQUAL 'Up') OR ('administrativeState' NOT EQUAL 'Up'))		
Remedial action: Please check the route to LDP targeted peer to make sure all associated protocols/interfaces/connections are OK.		

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Table 19-141 LicensedLimitExceeded

Alarm	Attributes	Applicable major releases
Name: LicensedLimitExceeded (127) Type: licensingAlarm (23) Package: security Raised on class: security.ProductLicense	Severity: critical Implicitly cleared: true Default probable cause: licensedLimitExceeded (106)	<ul style="list-style-type: none"> • 4.0 • 5.0 • 6.0
Description: The alarm is raised when the license items in the network exceeds 100 percent of the license capacity.		
Raising condition: ('Exceeded' EQUAL 'true')		
Clearing condition: ('Exceeded' NOT EQUAL 'true')		
Remedial action: Informational - The number of SAM licenses purchased and available on the SAM server is insufficient as compared to the number of NEs/MDA/Cells under management in the network. Please contact Alcatel-Lucent Sales to purchase additional licenses.		

Table 19-142 LineAlarmIndicationSignal

Alarm	Attributes	Applicable major releases
Name: LineAlarmIndicationSignal (84) Type: communicationsAlarm (4) Package: sonetequipment Raised on class: sonetequipment.SonetPortMonitorSpecifics	Severity: major Implicitly cleared: true Default probable cause: lineAlarmIndicationSignal (70)	<ul style="list-style-type: none"> • 4.0 • 5.0 • 6.0
Description: The alarm is raised when a SONET port reports an LAIS error. The alarm corresponds to the lais alarm on an NE.		
Raising condition: (('Outstanding Alarms'anyBit'Line Alarm Indication Signal') AND ('Report Alarms'anyBit'Line Alarm Indication Signal'))		
Clearing condition: NOT (((('Outstanding Alarms'anyBit'Line Alarm Indication Signal') AND ('Report Alarms'anyBit'Line Alarm Indication Signal'))))		
Remedial action: Informational only.		

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Table 19-143 LineErrorCondition

Alarm	Attributes	Applicable major releases
Name: LineErrorCondition (94) Type: communicationsAlarm (4) Package: sonetequipment Raised on class: sonetequipment.SonetPortMonitorSpecifics	Severity: major Implicitly cleared: true Default probable cause: lineErrorCondition (80)	<ul style="list-style-type: none"> • 4.0 • 5.0 • 6.0
Description: The alarm is raised when a SONET port reports a line error condition that a remote NE raises because of b1 errors received from the local NE. The alarm corresponds to the Irei alarm on an NE.		
Raising condition: (('Outstanding Alarms'anyBit'Line Error Condition') AND ('Report Alarms'anyBit'Line Error Condition'))		
Clearing condition: NOT (('Outstanding Alarms'anyBit'Line Error Condition') AND ('Report Alarms'anyBit'Line Error Condition'))		
Remedial action: Check the SONET port is configured correctly and that the physical layer cabling is operating correctly. Call customer support if necessary.		

Table 19-144 LineRemoteDefectIndication

Alarm	Attributes	Applicable major releases
Name: LineRemoteDefectIndication (85) Type: communicationsAlarm (4) Package: sonetequipment Raised on class: sonetequipment.SonetPortMonitorSpecifics	Severity: major Implicitly cleared: true Default probable cause: lineRemoteDefectIndication (71)	<ul style="list-style-type: none"> • 4.0 • 5.0 • 6.0
Description: The alarm is raised when a SONET port reports a line remote defect indication error caused by an LOF, LOC, or LOS condition. The alarm corresponds to the Irdi alarm on an NE.		
Raising condition: (('Outstanding Alarms'anyBit'Line Remote Defect Indication') AND ('Report Alarms'anyBit'Line Remote Defect Indication'))		
Clearing condition: NOT (('Outstanding Alarms'anyBit'Line Remote Defect Indication') AND ('Report Alarms'anyBit'Line Remote Defect Indication'))		
Remedial action: Informational only.		

Table 19-145 LinkDown (equipment)

Alarm	Attributes	Applicable major releases
Name: LinkDown (12) Type: communicationsAlarm (4) Package: equipment Raised on class: equipment.Equipment	Severity: major Implicitly cleared: true Default probable cause: portLinkProblem (10)	<ul style="list-style-type: none"> • 4.0 • 5.0 • 6.0
Description: The alarm is raised when a port has no associated physical link or remote end point is operationally down.		
Raising condition: (('compositeEquipmentState' EQUAL 'Link Down') OR ('compositeEquipmentState' EQUAL 'Oper Down'))		

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Alarm	Attributes	Applicable major releases
Clearing condition: (('compositeEquipmentState' NOT EQUAL 'Link Down') AND ('compositeEquipmentState' NOT EQUAL 'Oper Down'))		
Remedial action: Please make sure that port has physical link and remote end point is operationally up.		

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Table 19-146 LocalRncvOperDown

Alarm	Attributes	Applicable major releases
Name: LocalRncvOperDown (521) Type: redundancyAlarm (52) Package: multichassis Raised on class: multichassis.MultiChassisRingNode	Severity: major Implicitly cleared: true Default probable cause: localRncvDisconnected (396)	<ul style="list-style-type: none"> • 4.0 • 5.0 • 6.0
Description: The alarm is raised when the local RNCV Operational State of a ring node is other than Connected or NotTested, which means that the ring node is not connected to the local MC ring group. The alarm clears when the ring node enters the Connected or NotTested state.		
Raising condition: (('Local Operational State' NOT EQUAL 'Connected') AND ('Local Operational State' NOT EQUAL 'Not Tested'))		
Clearing condition: (('Local Operational State' EQUAL 'Connected') OR ('Local Operational State' EQUAL 'Not Tested'))		
Remedial action: Make sure that ring node is properly connected to MC ring group.		

Table 19-147 LossOfClock (sonetequipment)

Alarm	Attributes	Applicable major releases
Name: LossOfClock (83) Type: communicationsAlarm (4) Package: sonetequipment Raised on class: sonetequipment.SonetPortMonitorSpecifics	Severity: major Implicitly cleared: true Default probable cause: lossOfClock (69)	<ul style="list-style-type: none"> • 4.0 • 5.0 • 6.0
Description: The alarm is raised when a SONET port reports an LOC condition, which causes the NE to set the port Operational State to Down.		
Raising condition: (('Outstanding Alarms'anyBit'Loss of Clock') AND ('Report Alarms'anyBit'Loss of Clock'))		
Clearing condition: NOT (('Outstanding Alarms'anyBit'Loss of Clock') AND ('Report Alarms'anyBit'Loss of Clock'))		
Remedial action: One of the following conditions exists on the referenced physical interface which must be corrected. A cable/fiber fault exists which must be corrected - check to ensure that the cable is not faulty and is properly connected.		

Table 19-148 LowTemperatureDetected

Alarm	Attributes	Applicable major releases
Name: LowTemperatureDetected (1127) Type: environmentalAlarm (2) Package: equipment Raised on class: equipment.Shelf	Severity: major Implicitly cleared: true Default probable cause: equipmentOvercooled (838)	<ul style="list-style-type: none"> • 4.0 • 5.0 • 6.0
Description: The alarm is raised when the chassis temperature falls below the minimum threshold.		
Raising condition: ('Low Temperature State' EQUAL 'Low')		
Clearing condition: ('Low Temperature State' NOT EQUAL 'Low')		
Remedial action: The NE has detected internal temperatures which are abnormally low. This may happen when the environment that the NE is operating in may not be within specifications found in the NE user guides.		

Table 19-149 LspDown

Alarm	Attributes	Applicable major releases
Name: LspDown (25) Type: pathAlarm (12) Package: mpls Raised on class: mpls.Lsp	Severity: critical Implicitly cleared: true Default probable cause: LspDown (19)	<ul style="list-style-type: none"> • 4.0 • 5.0 • 6.0
Description: The alarm is raised when the Operational State of an LSP is Down, but the Administrative State is Up.		
Raising condition: (('administrativeState' EQUAL 'Up') AND ('operationalState' NOT EQUAL 'Up'))		
Clearing condition: (('operationalState' EQUAL 'Up') OR ('administrativeState' NOT EQUAL 'Up'))		
Remedial action: So many things can cause LSP down, check if source and destination interfaces are down, LSP path is down and the failure code, or MPLS path is down...		

Table 19-150 LspPathBypassTunnelActive

Alarm	Attributes	Applicable major releases
Name: LspPathBypassTunnelActive (264) Type: pathAlarm (12) Package: mpls Raised on class: mpls.LspPath	Severity: warning Implicitly cleared: true Default probable cause: LspPathReroutedToBypassTunnel (197)	<ul style="list-style-type: none"> • 4.0 • 5.0 • 6.0
Description: The alarm is raised when an LSP primary path is rerouted to the bypass tunnel. The alarm clears when the primary path returns to the original tunnel and the actual hop returns to the primary path.		
Raising condition: ('Bypass Tunnel Active' EQUAL 'true')		
Clearing condition: ('Bypass Tunnel Active' EQUAL 'false')		
Remedial action: There is a problem with the original path, check what is the problem and fix it if possible.		

Table 19-151 LspPathDown

Alarm	Attributes	Applicable major releases
Name: LspPathDown (26) Type: pathAlarm (12) Package: mpls Raised on class: mpls.LspPath	Severity: major Implicitly cleared: true Default probable cause: LspPathDown (20)	<ul style="list-style-type: none"> • 4.0 • 5.0 • 6.0
Description: The alarm is raised when an LSP path is operationally down.		
Raising condition: (('Administrative' EQUAL 'Up') AND ('Operational' NOT EQUAL 'Up') AND ('Type' EQUAL 'Standby'))		
Clearing condition: (('Operational' EQUAL 'Up') OR ('Administrative' NOT EQUAL 'Up') OR ('Type' EQUAL 'Secondary'))		
Remedial action: Check the failure code and update accordingly, e.g. whether MPLS/RSVP interfaces, OSPF interfaces are down.		

Table 19-152 macMoveRateExceeded (service)

Alarm	Attributes	Applicable major releases
Name: macMoveRateExceeded (3690) Type: accessInterfaceAlarm (40) Package: service Raised on class: service.AccessInterface	Severity: minor Implicitly cleared: true Default probable cause: MacMoveRateExceeded (1429)	<ul style="list-style-type: none"> • 4.0 • 5.0 • 6.0
Description: The alarm is raised when the SAP exceeds the MAC Move Frequency of the service site.		
Raising condition: ('State Cause'anyBit'Relearn Limit Exceeded')		
Clearing condition: NOT (('State Cause'anyBit'Relearn Limit Exceeded'))		
Remedial action: Informational.		

Table 19-153 macMoveRateExceeded (svt)

Alarm	Attributes	Applicable major releases
Name: macMoveRateExceeded (3690) Type: SpokeSdpBindingAlarm (104) Package: svt Raised on class: svt.SpokeSdpBinding	Severity: minor Implicitly cleared: true Default probable cause: MacMoveRateExceeded (1429)	<ul style="list-style-type: none"> • 4.0 • 5.0 • 6.0
Description: The alarm is raised when the SDP exceeds the Service Site's MAC Move Frequency.		
Raising condition: ('operationalFlags'anyBit'Relearn Limit Exceeded')		
Clearing condition: NOT (('operationalFlags'anyBit'Relearn Limit Exceeded'))		
Remedial action: Check Service Site MAC move frequency or underlying physical link to understand issue.		

Table 19-154 macMoveRateExceededNonBlock (service)

Alarm	Attributes	Applicable major releases
Name: macMoveRateExceededNonBlock (4893) Type: accessInterfaceAlarm (40) Package: service Raised on class: service.AccessInterface	Severity: info Implicitly cleared: true Default probable cause: MacMoveRateExceededNonBlock (1951)	<ul style="list-style-type: none"> • 4.0 • 5.0 • 6.0
Description: The alarm is raised when the SAP exceeds the MAC Move Frequency of the service site when limitMacMove(sapTIsLimitMacMove) is set to 'nonBlocking'.		
Raising condition: ('State Cause'anyBit'Relearn Limit Exceeded')		
Clearing condition: NOT (('State Cause'anyBit'Relearn Limit Exceeded'))		
Remedial action: Informational - User can adjust the value of 'MAC Move Maximum Rate' to reduce the frequency of this alarm.		

Table 19-155 macMoveRateExceededNonBlock (svt)

Alarm	Attributes	Applicable major releases
Name: macMoveRateExceededNonBlock (4893) Type: SpokeSdpBindingAlarm (104) Package: svt Raised on class: svt.SpokeSdpBinding	Severity: info Implicitly cleared: true Default probable cause: MacMoveRateExceededNonBlock (1951)	<ul style="list-style-type: none"> • 4.0 • 5.0 • 6.0
Description: The alarm is raised when the SDP exceeds the Service Site's MAC Move Frequency even when limitMacMove(sdpBindTIsLimitMacMove) is set to 'nonBlocking'.		
Raising condition: ('operationalFlags'anyBit'Relearn Limit Exceeded')		
Clearing condition: NOT (('operationalFlags'anyBit'Relearn Limit Exceeded'))		
Remedial action: Informational - User can adjust the value of 'MAC Move Maximum Rate' to reduce the frequency of this alarm.		

Table 19-156 MCLagDown (lag)

Alarm	Attributes	Applicable major releases
Name: MCLagDown (394) Type: equipmentAlarm (3) Package: lag Raised on class: lag.MultiChassisLagSpecifics	Severity: critical Implicitly cleared: true Default probable cause: mCLagDown (295)	<ul style="list-style-type: none"> • 4.0 • 5.0 • 6.0
Description: The alarm is raised when all ports in an MC LAG are operationally down.		
Raising condition: (('administrativeState' EQUAL 'Up') AND ('operationalState' NOT EQUAL 'Up'))		
Clearing condition: (('operationalState' EQUAL 'Up') OR ('administrativeState' NOT EQUAL 'Up'))		

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Alarm	Attributes	Applicable major releases
<p>Remedial action: This alarm indicates that all physical Ethernet links associated with a LAG are operationally down. The reasons for the links to be down may vary from link to link. The following possible causes of this alarm should be investigated. The physical port (near end or far end may have failed - this can be remedied by replacing the interface card in question. The physical links may have been turned down administratively - re-enable the links. A cable failure or disconnect may have occurred - please ensure that the cables are properly connected to the physical port and and that the cable has not been damaged.</p>		

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Table 19-157 MCLagDown (multichassis)

Alarm	Attributes	Applicable major releases
Name: MCLagDown (394) Type: equipmentAlarm (3) Package: multichassis Raised on class: multichassis.MultiChassisLagPeerSpecifics	Severity: critical Implicitly cleared: true Default probable cause: mCLagDown (295)	<ul style="list-style-type: none"> • 4.0 • 5.0 • 6.0
<p>Description: The alarm is raised when all ports in an MC LAG are operationally Down.</p>		
<p>Raising condition: (('Administrative State' EQUAL 'Up') AND ('Operational State' NOT EQUAL 'Up'))</p>		
<p>Clearing condition: (('Operational State' EQUAL 'Up') OR ('Administrative State' NOT EQUAL 'Up'))</p>		
<p>Remedial action: This alarm indicates that all physical Ethernet links associated with a LAG are operationally down. The reasons for the links to be down may vary from link to link. The following possible causes of this alarm should be investigated. The physical port (near end or far end may have failed - this can be remedied by replacing the interface card in question. The physical links may have been turned down administratively - re-enable the links. A cable failure or disconnect may have occurred - please ensure that the cables are properly connected to the physical port and and that the cable has not been damaged.</p>		

Table 19-158 McMobileConfigInfo

Alarm	Attributes	Applicable major releases
Name: McMobileConfigInfo (4379) Type: integrityViolation (85) Package: multichassis Raised on class: multichassis.MultiChassisPeerMobileGateway	Severity: major Implicitly cleared: false Default probable cause: mismatchPeerSets (199)	<ul style="list-style-type: none"> • 4.0 • 5.0 • 6.0
<p>Description: The alarm is raised when the configuration on the peers are erroneous or if they mismatch</p>		
<p>Raising condition: ('Configuration Mismatch Reason' EQUAL '1')</p>		
<p>Remedial action: Check what caused configuration data between the mobile-gateways mismatch and correct the issue for the geo-redundancy to work.</p>		

Table 19-159 McMobileSwitchOver

Alarm	Attributes	Applicable major releases
Name: McMobileSwitchOver (4381) Type: equipmentAlarm (3) Package: multichassis Raised on class: multichassis.MultiChassisPeerMobileGateway	Severity: warning Implicitly cleared: false Default probable cause: lossOfRedundancy (1138)	<ul style="list-style-type: none"> • 4.0 • 5.0 • 6.0
Description: The alarm is raised when the mobile-gateway participating in geo-redundancy switched over from being a slave to a master or master to a slave		
Raising condition: (('Operational Role' EQUAL '1') OR ('Operational Role' EQUAL '2'))		
Remedial action: Check what caused this switch over and check if the primary mobile-gateway is down.		

Table 19-160 MCPeerEPDown

Alarm	Attributes	Applicable major releases
Name: MCPeerEPDown (1069) Type: equipmentAlarm (3) Package: multichassis Raised on class: multichassis.MultiChassisEndpoint	Severity: critical Implicitly cleared: true Default probable cause: MCPeerEPDown (811)	<ul style="list-style-type: none"> • 4.0 • 5.0 • 6.0
Description: The alarm is raised when an MC endpoint is operationally down.		
Raising condition: (('Operational State' NOT EQUAL 'Up') AND ('Administrative State' EQUAL 'Up'))		
Clearing condition: (('Operational State' EQUAL 'Up') OR ('Administrative State' NOT EQUAL 'Up'))		
Remedial action: Bring up the all End Point Members.		

Table 19-161 MCRedirectThresholdReached (rtr)

Alarm	Attributes	Applicable major releases
Name: MCRedirectThresholdReached (8135) Type: communicationsAlarm (4) Package: rtr Raised on class: rtr.NetworkInterface	Severity: warning Implicitly cleared: true Default probable cause: mCRedirectThresholdReached (2531)	<ul style="list-style-type: none"> • 6.0
Description: The alarm is raised when the system detects that the number of monitored packets on the slave node reached high threshold.		
Remedial action: A network configuration issue or a partial network failure has been detected. Diagnose and fix the partial network failure.		

Table 19-162 MCRedirectThresholdReached (vprn)

Alarm	Attributes	Applicable major releases
Name: MCRedirectThresholdReached (8135) Type: communicationsAlarm (4) Package: vprn Raised on class: vprn.L3AccessInterface	Severity: warning Implicitly cleared: true Default probable cause: mCRedirectThresholdReached (2531)	<ul style="list-style-type: none"> 6.0
Description: The alarm is raised when the system detects that the number of monitored packets on the slave node reached high threshold.		
Remedial action: A network configuration issue or a partial network failure has been detected. Diagnose and fix the partial network failure.		

Table 19-163 MepAISReceivedAlarm

Alarm	Attributes	Applicable major releases
Name: MepAISReceivedAlarm (2945) Type: oamAlarm (18) Package: ethernetToam Raised on class: ethernetToam.Mep	Severity: variable Implicitly cleared: true Default probable cause: missingRemoteMep (388)	<ul style="list-style-type: none"> 4.0 5.0 6.0
Description: The alarm is raised when a MEP receives AIS test frames from one or more of its sub-layer MEPs.		
Raising condition: (('AIS Received (AisRx)' EQUAL 'true') AND ('Facility VLAN ID' EQUAL '0'))		
Clearing condition: ('AIS Received (AisRx)' EQUAL 'false')		
Remedial action: This alarm indicates that it has received a MEP fault from a sub-layer MEP, user should investigate the fault cause on the sub-layer MEP and resolve this root cause issue.		

Table 19-164 MgGroupDown

Alarm	Attributes	Applicable major releases
Name: MgGroupDown (837) Type: MgGroupAlarm (75) Package: isa Raised on class: isa.MgIsaGroup	Severity: major Implicitly cleared: true Default probable cause: MgGroupDown (597)	<ul style="list-style-type: none"> 4.0 5.0 6.0
Description: The alarm is raised when an MG group goes down.		
Raising condition: ('Group Operational State' EQUAL 'Down')		
Clearing condition: ('Group Operational State' NOT EQUAL 'Down')		
Remedial action: The operational state of the ISA-MG Group is down, despite the administrative state being up. Review the status of the underlying ISA-MG Group Members and ensure they are operational.		

Table 19-165 MigrationCompleted

Alarm	Attributes	Applicable major releases
Name: MigrationCompleted (753) Type: migrationComplete (62) Package: equipment Raised on class: equipment.NeCardSwapTask	Severity: info Implicitly cleared: false Default probable cause: migrationComplete (529)	<ul style="list-style-type: none"> • 4.0 • 5.0 • 6.0
Description: The alarm is raised when a card migration event completes.		
Raising condition: ('Status' EQUAL 'Migration completed')		
Remedial action: Informational - no corrective action required.		

Table 19-166 MigrationFailed

Alarm	Attributes	Applicable major releases
Name: MigrationFailed (754) Type: migrationFailure (63) Package: equipment Raised on class: equipment.NeCardSwapTask	Severity: major Implicitly cleared: false Default probable cause: migrationFailure (530)	<ul style="list-style-type: none"> • 4.0 • 5.0 • 6.0
Description: The alarm is raised when a card migration event fails.		
Raising condition: (('Status' EQUAL 'Failed - Latest configuration not available') OR ('Status' EQUAL 'Failed - Unable to migrate configuration') OR ('Status' EQUAL 'Failed - Unable to transfer migrated configuration') OR ('Status' EQUAL 'Failed - Unable to reboot network element'))		
Remedial action: This alarm is raised when a card migration fails. The operation has failed for one of the following reasons - a configuration backup could not be created, the configuration transfer failed or the attempt to reboot the card failed. Please re-attempt the migration. If the problem persists please contact Alcatel-Lucent support for assistance.		

Table 19-167 MissingLocalEntry

Alarm	Attributes	Applicable major releases
Name: MissingLocalEntry (291) Type: configurationAlarm (11) Package: I2fwd Raised on class: I2fwd.ServiceMacProtection	Severity: minor Implicitly cleared: true Default probable cause: Protected_Mac_Address_Not_Global (222)	<ul style="list-style-type: none"> • 4.0 • 5.0 • 6.0
Description: The alarm is raised when a protected MAC address is not configured on all sites of a VPLS. This can occur if the protected MAC address is added or removed using a CLI.		
Raising condition: ('isEntryGlobal' EQUAL 'false')		
Clearing condition: ('isEntryGlobal' EQUAL 'true')		
Remedial action: Configure the 'Protected MAC Address' on all the VPLS sites.		

Table 19-168 MldDown

Alarm	Attributes	Applicable major releases
Name: MldDown (587) Type: ProtocolAlarm (1) Package: mld Raised on class: mld.Site	Severity: critical Implicitly cleared: true Default probable cause: protocolDown (1)	<ul style="list-style-type: none"> • 4.0 • 5.0 • 6.0
Description: The alarm is raised when an MLD site has an Operational State other than Up, and the Administrative State is Up.		
Raising condition: (('Administrative State' EQUAL 'Up') AND ('Operational State' NOT EQUAL 'Up'))		
Clearing condition: (('Operational State' EQUAL 'Up') OR ('Administrative State' NOT EQUAL 'Up'))		
Remedial action: Check the base router and system are configured correctly.		

Table 19-169 MobileConnectorDown

Alarm	Attributes	Applicable major releases
Name: MobileConnectorDown (1064) Type: EpcAlarm (59) Package: Iteservice Raised on class: Iteservice.MobileServiceConnector	Severity: minor Implicitly cleared: true Default probable cause: EpcDown (519)	<ul style="list-style-type: none"> • 4.0 • 5.0 • 6.0
Description: The alarm is raised when the 5620 SAM no longer manages the EPS path instance of this mobile service site. As a result, the service must be regenerated.		
Raising condition: ('EPS Path' EQUAL "\")		
Clearing condition: ('EPS Path' NOT EQUAL "\")		
Remedial action: The underlying transport network has gone down resulting in the deletion of a mobile service connector (EPS path). Correct the issue with the transport network and regenerate the mobile service connector by clicking on the re-calculate button on the mobile service properties form.		

Table 19-170 MobileSiteDown

Alarm	Attributes	Applicable major releases
Name: MobileSiteDown (1065) Type: EpcAlarm (59) Package: Iteservice Raised on class: Iteservice.MobileServiceSite	Severity: minor Implicitly cleared: true Default probable cause: EpcDown (519)	<ul style="list-style-type: none"> • 4.0 • 5.0 • 6.0
Description: The alarm is raised when the 5620 SAM no longer manages the EPS gateway instance of this mobile service site. As a result, the service must be regenerated.		
Raising condition: ('Evolved Packet System Instance' EQUAL "\")		
Clearing condition: ('Evolved Packet System Instance' NOT EQUAL "\")		
Remedial action: Informational - a topology change due to reconfiguration of the transport network has resulted in deletion of a mobile service site. Regenerate the mobile service site by clicking on the re-calculate button on the mobile service properties form.		

Table 19-171 MplsDown

Alarm	Attributes	Applicable major releases
Name: MplsDown (27) Type: ProtocolAlarm (1) Package: mpls Raised on class: mpls.Site	Severity: critical Implicitly cleared: true Default probable cause: protocolDown (1)	<ul style="list-style-type: none"> • 4.0 • 5.0 • 6.0
Description: The alarm is raised when an MPLS site has an Operational State other than Up, and the Administrative State is Up.		
Raising condition: (('Administrative State' EQUAL 'Up') AND ('Operational State' NOT EQUAL 'Up'))		
Clearing condition: (('Operational State' EQUAL 'Up') OR ('Administrative State' NOT EQUAL 'Up'))		
Remedial action: Check operational down reason and update accordingly.		

Table 19-172 MplsPathUpdateFailed

Alarm	Attributes	Applicable major releases
Name: MplsPathUpdateFailed (1066) Type: pathAlarm (12) Package: mpls Raised on class: mpls.LspPath	Severity: major Implicitly cleared: true Default probable cause: mbbRetryExceeded (804) Applicable probable causes: <ul style="list-style-type: none"> • mbbRetryExceeded • lspPathGoingDown • startingHighPriMbb • restartingMbb • highPriMbbInProg 	<ul style="list-style-type: none"> • 4.0 • 5.0 • 6.0
Description: The alarm is raised when an MPLS path update fails because of an MBB problem. The alarm clears when the MBB status changes to Successful.		
Raising condition: (('mbbStatus' NOT EQUAL 'None') AND ('mbbStatus' NOT EQUAL 'Successful'))		
Clearing condition: (('Last Performed State' EQUAL 'Success') OR ('Administrative' EQUAL 'Down') OR (('Operational' EQUAL 'Up') AND ('Last Performed State' EQUAL 'None'))		
Remedial action: Based on the probable cause, change the parameters and update the path again.		

Table 19-173 MrpAttrTblSizeLimitReached

Alarm	Attributes	Applicable major releases
Name: MrpAttrTblSizeLimitReached (574) Type: resourceAlarm (28) Package: I2fwd Raised on class: I2fwd.SiteMrp	Severity: major Implicitly cleared: true Default probable cause: resourceLimitReached (131)	<ul style="list-style-type: none"> • 4.0 • 5.0 • 6.0
Description: The alarm is raised when the number of MRP attribute table entries for a service site exceeds the high watermark specified by I2fwd.SiteMrp.mrpAttrTblHighWatermark. The alarm clears when the number of MRP attribute table entries for the site drops below the low watermark specified by I2fwd.SiteMrp.mrpAttrTblLowWatermark.		

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Alarm	Attributes	Applicable major releases
Raising condition: (('MRP Attribute Count' >=" 'MRP Max Attributes') OR ('MRP Attribute Count' >= (('MRP Attribute-Table-High-Watermark' * 'MRP Max Attributes') / 100.0)))"		
Clearing condition: (('MRP Attribute Count' < 'MRP Max Attributes') AND (('MRP Attribute-Table-High-Watermark' EQUAL '0') OR ('MRP Attribute Count' < (('MRP Attribute-Table-Low-Watermark' * 'MRP Max Attributes') / 100.0))) AND (('MRP Attribute-Table-Low-Watermark' EQUAL '0') OR ('MRP Attribute Count' < (('MRP Attribute-Table-Low-Watermark' * 'MRP Max Attributes') / 100.0))))		
Remedial action: Informational		

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Table 19-174 MsdpDown

Alarm	Attributes	Applicable major releases
Name: MsdpDown (353) Type: ProtocolAlarm (1) Package: msdp Raised on class: msdp.Site	Severity: critical Implicitly cleared: true Default probable cause: protocolDown (1)	<ul style="list-style-type: none"> • 4.0 • 5.0 • 6.0
Description: The alarm is raised when an MSDP site is administratively down. The alarm clears when the site is administratively up.		
Raising condition: (('Administrative State' EQUAL 'Down'))		
Clearing condition: (('Administrative State' NOT EQUAL 'Down'))		
Remedial action: Turn up the MSDP site.		

Table 19-175 MsPwFecRetryExpired

Alarm	Attributes	Applicable major releases
Name: MsPwFecRetryExpired (3694) Type: serviceAlarm (16) Package: svt Raised on class: svt.SpokeSdpFec	Severity: minor Implicitly cleared: true Default probable cause: msPwFecRetryExpired (1433)	<ul style="list-style-type: none"> • 4.0 • 5.0 • 6.0
Description: The alarm is raised when a trap is received because of retry expired. The alarm is cleared when the retry starts again.		
Raising condition: ('Retry Expired' EQUAL 'true')		
Clearing condition: ('Retry Expired' EQUAL 'false')		
Remedial action: May need to shutdown the multi-segment pseudo-wire provider edge to restart the retries.		

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Table 19-176 MultiChassisRingDown

Alarm	Attributes	Applicable major releases
Name: MultiChassisRingDown (520) Type: redundancyAlarm (52) Package: multichassis Raised on class: multichassis.MultiChassisRing	Severity: major Implicitly cleared: true Default probable cause: ringDown (395)	<ul style="list-style-type: none"> • 4.0 • 5.0 • 6.0
Description: The alarm is raised when a MC ring group Operational State is not in the Connected state. The alarm is cleared when the ring group enters the Connected state.		
Raising condition: ('Operational State' NOT EQUAL 'Connected')		
Clearing condition: ('Operational State' EQUAL 'Connected')		
Remedial action: Check if MC ring is admin down, MC Sync is operational up, In-Band Control Connection is up, ring node is up ...		

Table 19-177 MvrConfiguredFromVplsNotExist

Alarm	Attributes	Applicable major releases
Name: MvrConfiguredFromVplsNotExist (219) Type: configurationAlarm (11) Package: vpls Raised on classes: <ul style="list-style-type: none"> • vpls.L2AccessInterfaceMldMvrCfg • vpls.L2AccessInterfaceMvrCfg 	Severity: warning Implicitly cleared: true Default probable cause: MvrConfiguredFromVplsNotExist (164)	<ul style="list-style-type: none"> • 4.0 • 5.0 • 6.0
Description: The alarm is raised when an MVR source is an MVR VPLS that does not exist. The alarm clears when the MVR VPLS is created.		
Raising condition: ('fromVplsExists' EQUAL 'false')		
Clearing condition: (('fromVplsExists' EQUAL 'true') OR ('fromVplsId' EQUAL '0L'))		
Remedial action: Create the missing MVR VPLS.		

Table 19-178 MvrConfiguredProxySapNotExist

Alarm	Attributes	Applicable major releases
Name: MvrConfiguredProxySapNotExist (220) Type: configurationAlarm (11) Package: vpls Raised on classes: <ul style="list-style-type: none"> • vpls.L2AccessInterfaceMldMvrCfg • vpls.L2AccessInterfaceMvrCfg 	Severity: warning Implicitly cleared: true Default probable cause: MvrConfiguredProxySapNotExist (165)	<ul style="list-style-type: none"> • 4.0 • 5.0 • 6.0
Description: The alarm is raised when a configured MVR proxy SAP does not exist. The alarm clears when the proxy SAP is created.		
Raising condition: ('proxySapExists' EQUAL 'false')		

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Alarm	Attributes	Applicable major releases
Clearing condition: ('proxySapExists' EQUAL 'true')		
Remedial action: Create the missing proxy SAP.		

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Table 19-179 MvrSiteDown

Alarm	Attributes	Applicable major releases
Name: MvrSiteDown (162) Type: ProtocolAlarm (1) Package: layer2 Raised on class: layer2.MvrSite	Severity: warning Implicitly cleared: true Default probable cause: protocolDown (1)	<ul style="list-style-type: none"> • 4.0 • 5.0 • 6.0
Description: The alarm is raised when MVR is disabled on an NE and a TLS VLAN or MVR VLAN service is provisioned on the NE.		
Raising condition: ('MVR Admin Status' EQUAL 'Disabled')		
Clearing condition: ('MVR Admin Status' EQUAL 'Enabled')		
Remedial action: To clear the alarm, enable MVR Admin Status under the Bridge Instance.		

Table 19-180 NatIsaGrpDown

Alarm	Attributes	Applicable major releases
Name: NatIsaGrpDown (3887) Type: equipmentAlarm (3) Package: nat Raised on class: nat.NatIsaGroup	Severity: major Implicitly cleared: true Default probable cause: NatIsaGrpDown (1483)	<ul style="list-style-type: none"> • 4.0 • 5.0 • 6.0
Description: The alarm is raised when the Operational State of an NAT ISA group is Down and the Administrative State is Up.		
Raising condition: (('Administrative State' EQUAL 'Up') AND ('Operational State' NOT EQUAL 'Up'))		
Clearing condition: (('Operational State' EQUAL 'Up') OR ('Administrative State' NOT EQUAL 'Up'))		
Remedial action: The operational state of the ISA-NAT Group is down, despite the administrative state being up. Check that the configured ISA-NAT Group Member MDA(s) are active and operationally up. There may be a fault with the ISA Application NAT Group.		

Table 19-181 NatLsnSubscriberIcmpPortUsageHigh

Alarm	Attributes	Applicable major releases
Name: NatLsnSubscriberIcmpPortUsageHigh (4860) Type: thresholdCrossed (6) Package: nat Raised on class: nat.NatManager	Severity: minor Implicitly cleared: true Default probable cause: resourceFull (53)	<ul style="list-style-type: none"> • 4.0 • 5.0 • 6.0

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Alarm	Attributes	Applicable major releases
Description: The alarm is raised when the ICMP port usage of a large-scale NAT subscriber reaches the high or low watermark.		
Remedial action: Review the watermarks configuration to make sure it matches the capacity of your network. If required, deploy extra equipment to deal with the demand.		

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Table 19-182 NatLsnSubscriberIcmpPortUsgHigh

Alarm	Attributes	Applicable major releases
Name: NatLsnSubscriberIcmpPortUsgHigh (5397) Type: thresholdCrossed (6) Package: nat Raised on class: nat.NatManager	Severity: warning Implicitly cleared: true Default probable cause: resourceFull (53)	<ul style="list-style-type: none"> • 4.0 • 5.0 • 6.0
Description: The alarm is raised when the ICMP port usage of a large-scale NAT subscriber reaches the high or low watermark.		
Remedial action: Review the watermarks configuration to make sure it matches the capacity of your network. If required, deploy extra equipment to deal with the demand.		

Table 19-183 NatLsnSubscriberSessionUsageHigh

Alarm	Attributes	Applicable major releases
Name: NatLsnSubscriberSessionUsageHigh (4861) Type: thresholdCrossed (6) Package: nat Raised on class: nat.NatManager	Severity: minor Implicitly cleared: true Default probable cause: resourceFull (53)	<ul style="list-style-type: none"> • 4.0 • 5.0 • 6.0
Description: The alarm is raised when the session usage of a large-scale NAT subscriber reaches the high watermark. The alarm will be cleared when the session usage of a large-scale NAT subscriber reaches its low watermark again.		
Remedial action: Review the watermarks configuration to make sure it matches the capacity of your network.		

Table 19-184 NatLsnSubscriberSessionUsgHigh

Alarm	Attributes	Applicable major releases
Name: NatLsnSubscriberSessionUsgHigh (5398) Type: thresholdCrossed (6) Package: nat Raised on class: nat.NatManager	Severity: warning Implicitly cleared: true Default probable cause: resourceFull (53)	<ul style="list-style-type: none"> • 4.0 • 5.0 • 6.0
Description: The alarm is raised when the session usage of a large-scale NAT subscriber reaches the high watermark. The alarm will be cleared when the session usage of a large-scale NAT subscriber reaches its low watermark again.		
Remedial action: Review the watermarks configuration to make sure it matches the capacity of your network.		

Table 19-185 NatLsnSubscriberTcpPortUsageHigh

Alarm	Attributes	Applicable major releases
Name: NatLsnSubscriberTcpPortUsageHigh (4862) Type: thresholdCrossed (6) Package: nat Raised on class: nat.NatManager	Severity: minor Implicitly cleared: true Default probable cause: resourceFull (53)	<ul style="list-style-type: none"> • 4.0 • 5.0 • 6.0
Description: The alarm is raised when the TCP port usage of a large-scale NAT subscriber reaches the high or low watermark.		
Remedial action: Review the watermarks configuration to make sure it matches the capacity of your network. If required, deploy extra equipment to deal with the demand.		

Table 19-186 NatLsnSubscriberTcpPortUsgHigh

Alarm	Attributes	Applicable major releases
Name: NatLsnSubscriberTcpPortUsgHigh (5399) Type: thresholdCrossed (6) Package: nat Raised on class: nat.NatManager	Severity: warning Implicitly cleared: true Default probable cause: resourceFull (53)	<ul style="list-style-type: none"> • 4.0 • 5.0 • 6.0
Description: The alarm is raised when the TCP port usage of a large-scale NAT subscriber reaches the high or low watermark.		
Remedial action: Review the watermarks configuration to make sure it matches the capacity of your network. If required, deploy extra equipment to deal with the demand.		

Table 19-187 NatLsnSubscriberUdpPortUsageHigh

Alarm	Attributes	Applicable major releases
Name: NatLsnSubscriberUdpPortUsageHigh (4863) Type: thresholdCrossed (6) Package: nat Raised on class: nat.NatManager	Severity: minor Implicitly cleared: true Default probable cause: resourceFull (53)	<ul style="list-style-type: none"> • 4.0 • 5.0 • 6.0
Description: The alarm is raised when the UDP port usage of a large-scale NAT subscriber reaches the high or low watermark.		
Remedial action: Review the watermarks configuration to make sure it matches the capacity of your network. If required, deploy extra equipment to deal with the demand.		

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Table 19-188 NatLsnSubscriberUdpPortUsgHigh

Alarm	Attributes	Applicable major releases
Name: NatLsnSubscriberUdpPortUsgHigh (5400) Type: thresholdCrossed (6) Package: nat Raised on class: nat.NatManager	Severity: warning Implicitly cleared: true Default probable cause: resourceFull (53)	<ul style="list-style-type: none"> • 4.0 • 5.0 • 6.0
Description: The alarm is raised when the UDP port usage of a large-scale NAT subscriber reaches the high or low watermark.		
Remedial action: Review the watermarks configuration to make sure it matches the capacity of your network. If required, deploy extra equipment to deal with the demand.		

Table 19-189 NeighborDown

Alarm	Attributes	Applicable major releases
Name: NeighborDown (121) Type: NeighborDown (20) Package: ospf Raised on class: ospf.AbstractNeighbor	Severity: major Implicitly cleared: true Default probable cause: NeighborDown (103)	<ul style="list-style-type: none"> • 4.0 • 5.0 • 6.0
Description: The alarm is raised when an OSPF interface neighbor is operationally Down.		
Raising condition: ('Operational State' NOT EQUAL 'full')		
Clearing condition: ('Operational State' EQUAL 'full')		
Remedial action: This alarm is raised when the OSPF interface neighbor is operationally down. The situation may occur if the underlying physical interface is down either because of administrative disabling or a fault on the far end port or due to a cable connection or cable failure. This alarm will also be raised if the underlying transport network fails or is unreliable. Resolving the underlying instability in the transport network will correct this problem.		

Table 19-190 NeManagementAndTrapManagementMismatch

Alarm	Attributes	Applicable major releases
Name: NeManagementAndTrapManagementMismatch (1079) Type: communicationsAlarm (4) Package: netw Raised on class: netw.NetworkElement	Severity: warning Implicitly cleared: true Default probable cause: neManagementChange (817)	<ul style="list-style-type: none"> • 4.0 • 5.0 • 6.0
Description: This user-defined alarm is raised when the NE configuration is one of the following: - The Active Management IP is set to Out Of Band, and the Primary Route Preference is set to In Band. - The Active Management IP is set to In Band, and the Primary Route Preference is set to Out of Band.		
Raising condition: (((('Active Management IP' EQUAL 'In Band') AND (('Management IP Selection' EQUAL 'In Band Preferred') OR ('Management IP Selection' EQUAL 'In Band Only'))) AND ('Primary Route Preference' EQUAL 'Out Of Band') AND ('Secondary Route Preference' EQUAL 'In Band')) OR (('Active Management IP' EQUAL 'Out Of Band') AND (('Management IP Selection' EQUAL 'Out Of Band Preferred') OR ('Management IP Selection' EQUAL 'Out Of Band Only'))) AND ('Primary Route Preference' EQUAL 'In Band') AND ('Secondary Route Preference' EQUAL 'Out Of Band'))		

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Alarm	Attributes	Applicable major releases
Clearing condition: (((('Active Management IP' EQUAL 'In Band') AND (('Management IP Selection' EQUAL 'In Band Preferred') OR ('Management IP Selection' EQUAL 'In Band Only'))) AND ('Primary Route Preference' EQUAL 'In Band')) OR (('Active Management IP' EQUAL 'Out Of Band') AND (('Management IP Selection' EQUAL 'Out Of Band Preferred') OR ('Management IP Selection' EQUAL 'Out Of Band Only'))) AND ('Primary Route Preference' EQUAL 'Out Of Band'))		
Remedial action: A configuration error has been made which must be corrected. The parameters described in the description for this alarm must match.		

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Table 19-191 NewSsh2ServerKeyDetected

Alarm	Attributes	Applicable major releases
Name: NewSsh2ServerKeyDetected (285) Type: communicationsAlarm (4) Package: security Raised on class: security.KnownHostKey	Severity: warning Implicitly cleared: true Default probable cause: ssh2ServerKeyMismatch (217)	<ul style="list-style-type: none"> • 4.0 • 5.0 • 6.0
Description: The alarm is raised when a 5620 SAM main server detects a new public SSH key.		
Raising condition: ('SSH2 Server Key Status' EQUAL 'Mismatch SSH2 Host Key')		
Clearing condition: ('SSH2 Server Key Status' EQUAL 'Active SSH2 Host Key')		
Remedial action: Informational - possible security breach. The SSH key of the router is different from the one known to the SAM server.		

Table 19-192 NodeDatabaseFallbackDetected

Alarm	Attributes	Applicable major releases
Name: NodeDatabaseFallbackDetected (2923) Type: communicationsAlarm (4) Package: netw Raised on class: netw.NetworkElement	Severity: major Implicitly cleared: true Default probable cause: nodeDatabaseFallback (1121)	<ul style="list-style-type: none"> • 4.0 • 5.0 • 6.0
Description: The alarm is raised when a configuration fallback is detected on the node and comes back up with a previous configuration. To correct this situation it might be necessary to reconfigure the node, or perform full resync its database with the 'fallback' configuration returned by the node.		
Raising condition: ('State' EQUAL 'Node Configuration Fallback')		
Clearing condition: ('State' EQUAL 'Managed')		
Remedial action: the NE has come back to a previous configuration. Perform a manual Full Resync or a Reconfigure of the NE		

Table 19-193 NodeDatabaseMisalignmentDetected

Alarm	Attributes	Applicable major releases
Name: NodeDatabaseMisalignmentDetected (2924) Type: communicationsAlarm (4) Package: netw Raised on class: netw.NetworkElement	Severity: major Implicitly cleared: true Default probable cause: nodeDatabaseMisalignment (1122)	<ul style="list-style-type: none"> • 4.0 • 5.0 • 6.0
Description: The alarm is raised when a configuration misalignment has been detected on the node and comes back up with an unexpected configuration (configuration change triggered by external tool) To correct this situation it might be necessary to reconfigure the node with the 5620 SAM's old configuration or accept the new configuration received from the node.		
Raising condition: ('State' EQUAL 'Node Configuration Misalignment')		
Clearing condition: ('State' EQUAL 'Managed')		
Remedial action: the NE configuration is misaligned. Perform a resync in order to update SAM configuration according to the NE.		

Table 19-194 NodeRebooted

Alarm	Attributes	Applicable major releases
Name: NodeRebooted (32) Type: equipmentAlarm (3) Package: netw Raised on class: netw.NetworkElement	Severity: warning Implicitly cleared: false Default probable cause: nodeReboot (25)	<ul style="list-style-type: none"> • 4.0 • 5.0 • 6.0
Description: The alarm is raised when the 5620 SAM detects an NE reboot based on the latest NE sysUpTime value.		
Remedial action: Informational - if the alarm persists please contact Alcatel-Lucent support for assistance		

Table 19-195 NodeSuspended

Alarm	Attributes	Applicable major releases
Name: NodeSuspended (5123) Type: communicationsAlarm (4) Package: netw Raised on class: netw.NetworkElement	Severity: critical Implicitly cleared: true Default probable cause: NodeSuspend (2057)	<ul style="list-style-type: none"> • 4.0 • 5.0 • 6.0
Description: The alarm is raised when the 5620 SAM detects an NE moved to suspend state as per user request.		
Raising condition: ('SNMP Reachability' EQUAL 'Suspended')		
Clearing condition: ('SNMP Reachability' NOT EQUAL 'Suspended')		
Remedial action: This alarm is raised when user suspends the network element. The alarm will be cleared when the network element is managed back.		

Table 19-196 NoPeerMcRingFound

Alarm	Attributes	Applicable major releases
Name: NoPeerMcRingFound (782) Type: configurationAlarm (11) Package: multichassis Raised on class: multichassis.MultiChassisRing	Severity: major Implicitly cleared: true Default probable cause: IncompleteConfig (557)	<ul style="list-style-type: none"> • 4.0 • 5.0 • 6.0
Description: The alarm is raised when the 5620 SAM cannot find the peer MC ring.		
Raising condition: ('Peer Multi-Chassis Ring' EQUAL '\')		
Clearing condition: ('Peer Multi-Chassis Ring' NOT EQUAL '\')		
Remedial action: Configure the missing peered MC ring, or delete this one if it is not used.		

Table 19-197 NTPOperDown

Alarm	Attributes	Applicable major releases
Name: NTPOperDown (4879) Type: communicationsAlarm (4) Package: ntp Raised on class: ntp.NTP	Severity: info Implicitly cleared: true Default probable cause: NTPOperDown (1943)	<ul style="list-style-type: none"> • 4.0 • 5.0 • 6.0
Description: The alarm is generated when the NTP Operational State is down for NTP.		
Raising condition: (('Operational State' EQUAL 'Down') AND ('NTP State' EQUAL 'Enabled'))		
Clearing condition: (('Operational State' EQUAL 'Up') OR ('NTP State' EQUAL 'Disabled'))		
Remedial action: Please check if NTP is administratively enabled (Admin State in NTP General Tab). If admin state down, enable it to make NTP operationally up.		

Table 19-198 ObsoleteProtocolInFilter

Alarm	Attributes	Applicable major releases
Name: ObsoleteProtocolInFilter (3706) Type: ConfigurationAlarm (15) Package: aapolicy Raised on class: aapolicy.ApplicationFilter	Severity: warning Implicitly cleared: false Default probable cause: obsoleteProtocolInFilter (1446)	<ul style="list-style-type: none"> • 4.0 • 5.0 • 6.0
Description: The alarm is raised when a local application filter refers to an obsolete application assurance protocol.		
Remedial action: Change the application filter configuration to use a protocol that is not Obsolete.		

Table 19-199 OrphanNodeDetected

Alarm	Attributes	Applicable major releases
Name: OrphanNodeDetected (4866) Type: discoveryControlAlarm (33) Package: netw Raised on class: netw.AdvertisedNode	Severity: major Implicitly cleared: true Default probable cause: nodeNotMangedByAnyEms (1934)	<ul style="list-style-type: none"> • 4.0 • 5.0 • 6.0
Description: The alarm is raised when node is node managed by any EMS after n retries(threshold crossed) it is manually cleared by the operator or when the node is discovered.		
Raising condition: ('State' EQUAL 'Orphan')		
Remedial action: The NE is not managed by any SAM.Add an discovery rule in order to managed it.		

Table 19-200 OspflInterfaceDown

Alarm	Attributes	Applicable major releases
Name: OspflInterfaceDown (141) Type: OspflInterfaceDown (24) Package: ospf Raised on class: ospf.Interface	Severity: warning Implicitly cleared: true Default probable cause: OspflInterfaceDown (112)	<ul style="list-style-type: none"> • 4.0 • 5.0 • 6.0
Description: The alarm is raised when an OSPF interface is operationally down.		
Raising condition: ('operationalState' EQUAL 'Down')		
Clearing condition: ('operationalState' NOT EQUAL 'Down')		
Remedial action: This alarm is raised when the OSPF interface is operationally down. The situation may occur if the underlying physical interface is down either because of administrative disabling or a fault on the far end port or due to a cable connection or cable failure. This alarm will also be raised if the underlying transport network fails or is unreliable. Resolving the underlying instability in the transport network will correct this problem.		

Table 19-201 OverTemperatureDetected

Alarm	Attributes	Applicable major releases
Name: OverTemperatureDetected (388) Type: environmentalAlarm (2) Package: equipment Raised on class: equipment.Shelf	Severity: major Implicitly cleared: true Default probable cause: equipmentOverheated (5)	<ul style="list-style-type: none"> • 4.0 • 5.0 • 6.0
Description: The alarm is raised when the chassis temperature exceeds the maximum threshold value.		
Raising condition: ('Over Temperature State' EQUAL 'Over')		
Clearing condition: ('Over Temperature State' NOT EQUAL 'Over')		
Remedial action: The NE has detected internal temperatures which are abnormally high. This could be caused by a failed fan unit or one or more dirty fan filters. Replacing the failed unit or filters should resolve the problem. Alternately the environment that the NE is operating in may not be within specifications found in the NE user guides.		

Table 19-202 P2MPLSPDown

Alarm	Attributes	Applicable major releases
Name: P2MPLSPDown (4378) Type: pathAlarm (12) Package: mpls Raised on class: mpls.P2MPDynamicLsp	Severity: critical Implicitly cleared: true Default probable cause: P2MPLSPDown (1563)	<ul style="list-style-type: none"> • 4.0 • 5.0 • 6.0
Description: The alarm is raised when the P2MP LSP Administrative State is Up and the Operational State is Down. The alarm clears when the P2MP LSP Operational State changes to Up or the Administrative State changes to Down.		
Raising condition: (('Administrative' EQUAL 'Up') AND ('Operational' NOT EQUAL 'Up'))		
Clearing condition: (('Operational' EQUAL 'Up') OR ('Administrative' NOT EQUAL 'Up'))		
Remedial action: The operational state of the P2MP LSP is down, despite the administrative state being up. Review the P2MP Primary Instance or S2LPath to make sure it was configured correctly and Administrative state is up. The physical port near end or far end may have failed - this can be remedied by replacing the interface card in question. The physical links may have been turned down administratively - re-enable the links. A cable failure or disconnect may have occurred - please ensure that the cables are properly connected to the physical port and and that the cable has not been damaged.		

Table 19-203 PartialResyncProblem

Alarm	Attributes	Applicable major releases
Name: PartialResyncProblem (4401) Type: communicationsAlarm (4) Package: netw Raised on class: netw.NetworkElement	Severity: warning Implicitly cleared: true Default probable cause: partialResyncProblem (1578)	<ul style="list-style-type: none"> • 4.0 • 5.0 • 6.0
Description: The alarm is raised when a partial resync on an NE fails. For example, when resyncing only some MIB entries as opposed to a full resync. The periodic reachability test (sysUpTime) is not considered a partial resync, neither is a full resync. However, a PartialResyncProblem alarm can only be reset by a FullResync.		
Raising condition: ('partialResyncStatus' EQUAL 'Partial Resync Failed')		
Clearing condition: ('partialResyncStatus' EQUAL 'Partial Resync Done')		
Remedial action: Informational - if the alarm persists or is occurring frequently then investigation is required to understand a) why the underlying transport network is unreliable or b) why the NE is too busy to respond to 5620 SAM or c) has SNMP been disabled on the NE.		

Table 19-204 PeerConnectionDown (bgp)

Alarm	Attributes	Applicable major releases
Name: PeerConnectionDown (2) Type: ProtocolAlarm (1) Package: bgp Raised on class: bgp.Peer	Severity: critical Implicitly cleared: true Default probable cause: connectionDown (2)	<ul style="list-style-type: none"> • 4.0 • 5.0 • 6.0
Description: The alarm is raised when a BGP peer has a Connection State other than Established, and the Administrative State of the BGP peer is Up.		

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Alarm	Attributes	Applicable major releases
Raising condition: (('Connection State' NOT EQUAL 'Established') AND ('Administrative State' EQUAL 'Up'))		
Clearing condition: (('Connection State' EQUAL 'Established') OR ('Administrative State' NOT EQUAL 'Up'))		
Remedial action: A mismatch in configuration may have occurred. Check the configuration of both peers to rule out a mismatched configuration.		

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Table 19-205 PeerConnectionDown (msdp)

Alarm	Attributes	Applicable major releases
Name: PeerConnectionDown (2) Type: ProtocolAlarm (1) Package: msdp Raised on class: msdp.CommonPeer	Severity: critical Implicitly cleared: true Default probable cause: connectionDown (2)	<ul style="list-style-type: none"> • 4.0 • 5.0 • 6.0
Description: The alarm is raised when the connectionState of this peer changes from Established to a state other than Established. The alarm clears when the connectionState of this peer returns to the Established state.		
Raising condition: (('connectionState' NOT EQUAL 'Established') AND ('administrativeState' EQUAL 'Up'))		
Clearing condition: (('connectionState' EQUAL 'Established') OR ('administrativeState' NOT EQUAL 'Up'))		
Remedial action: Check the configurations of the peer routers.		

Table 19-206 PeerDown (bgp)

Alarm	Attributes	Applicable major releases
Name: PeerDown (1) Type: ProtocolAlarm (1) Package: bgp Raised on class: bgp.Peer	Severity: critical Implicitly cleared: true Default probable cause: protocolDown (1)	<ul style="list-style-type: none"> • 4.0 • 5.0 • 6.0
Description: The alarm is raised when a BGP peer has an Operational State other than Up, and the Administrative State is Up.		
Raising condition: (('Administrative State' EQUAL 'Up') AND ('Operational State' NOT EQUAL 'Up'))		
Clearing condition: (('Operational State' EQUAL 'Up') OR ('Administrative State' NOT EQUAL 'Up'))		
Remedial action: The BGP peer entity is down - administratively disable the BGP peer and re-enable it. If toggling the administrative state does not solve the problem check that the physical interface and network connection to the far end peer are up and operational. If the problem persists please contact Alcatel-Lucent support for assistance.		

Table 19-207 PeerDown (msdp)

Alarm	Attributes	Applicable major releases
Name: PeerDown (1) Type: ProtocolAlarm (1) Package: msdp Raised on class: msdp.CommonPeer	Severity: critical Implicitly cleared: true Default probable cause: protocolDown (1)	<ul style="list-style-type: none"> • 4.0 • 5.0 • 6.0
Description: The alarm is raised when the Administrative State of a peer changes from Up to Down. The alarm clears when the Administrative State returns to Up.		
Raising condition: (('administrativeState' EQUAL 'Down'))		
Clearing condition: (('administrativeState' NOT EQUAL 'Down'))		
Remedial action: Turn up the Peer.		

Table 19-208 PeerGroupDown (bgp)

Alarm	Attributes	Applicable major releases
Name: PeerGroupDown (5) Type: ProtocolAlarm (1) Package: bgp Raised on class: bgp.PeerGroup	Severity: critical Implicitly cleared: true Default probable cause: protocolDown (1)	<ul style="list-style-type: none"> • 4.0 • 5.0 • 6.0
Description: The alarm is raised when a BGP peer group has an Operational State other than Up, and the Administrative State is Up.		
Raising condition: (('Administrative State' EQUAL 'Up') AND ('Operational State' NOT EQUAL 'Up'))		
Clearing condition: (('Operational State' EQUAL 'Up') OR ('Administrative State' NOT EQUAL 'Up'))		
Remedial action: The BGP peer group is down - administratively disable the BGP peer group and re-enable it. If the problem persists please contact Alcatel-Lucent support for assistance.		

Table 19-209 PeerGroupDown (msdp)

Alarm	Attributes	Applicable major releases
Name: PeerGroupDown (5) Type: ProtocolAlarm (1) Package: msdp Raised on class: msdp.PeerGroup	Severity: critical Implicitly cleared: true Default probable cause: protocolDown (1)	<ul style="list-style-type: none"> • 4.0 • 5.0 • 6.0
Description: The alarm is raised when the Administrative State of a peer group changes from Up to Down. The alarm clears when the Administrative State returns to Up.		
Raising condition: (('Administrative State' EQUAL 'Down'))		
Clearing condition: (('Administrative State' NOT EQUAL 'Down'))		
Remedial action: Turn up the Group.		

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Table 19-210 PeerLacIngressEgressFault

Alarm	Attributes	Applicable major releases
Name: PeerLacIngressEgressFault (2929) Type: PeerLacAlarm (98) Package: svt Raised on class: svt.SpokeSdpBinding	Severity: minor Implicitly cleared: true Default probable cause: peerPWStatusBitsChanged (1123)	<ul style="list-style-type: none"> • 4.0 • 5.0 • 6.0
Description: The alarm is raised when the Peer Status is Peer LAC Rx Fault and Peer LAC Tx Fault		
Raising condition: (('Peer State Cause'anyBit'Peer LAC Tx Fault') AND ('Peer State Cause'anyBit'Peer LAC Rx Fault'))		
Clearing condition: NOT (((('Peer State Cause'anyBit'Peer LAC Tx Fault') AND ('Peer State Cause'anyBit'Peer LAC Rx Fault'))		
Remedial action: One of the following conditions exists on the referenced physical interface which must be corrected. A cable/fiber fault exists which must be corrected - check to ensure that the cable is not faulty and is properly connected. The port is faulty - run diagnostics on the port to determine the nature of the fault. If the problem cannot be resolved swap the card containing the port with a card which is known be functional.		

Table 19-211 PersistentIndexParametersMisconfigured

Alarm	Attributes	Applicable major releases
Name: PersistentIndexParametersMisconfigured (173) Type: configurationAlarm (11) Package: netw Raised on class: netw.NetworkElement	Severity: major Implicitly cleared: true Default probable cause: persistentIndexConfigurationMismatch (136)	<ul style="list-style-type: none"> • 4.0 • 5.0 • 6.0
Description: The alarm is raised when persistence is set to Off in the NE BOF.		
Raising condition: (('Persistent SNMP Indices' EQUAL 'False') OR (('hasRedundantProcessorCards' EQUAL 'true') AND ('Redundant Synchronization Mode' EQUAL 'None'))		
Clearing condition: (('Persistent SNMP Indices' EQUAL 'True') AND (('hasRedundantProcessorCards' EQUAL 'false') OR ('Redundant Synchronization Mode' NOT EQUAL 'None'))		
Remedial action: A configuration error has occurred that must be corrected. Use the CLI on the NE to enable persistency in the BOF. The discovery process will complete on the next discovery scan. A re-scan can be triggered immediately for the NE from within the discovery manager		

Table 19-212 PimDown

Alarm	Attributes	Applicable major releases
Name: PimDown (184) Type: ProtocolAlarm (1) Package: pim Raised on class: pim.Site	Severity: critical Implicitly cleared: true Default probable cause: protocolDown (1)	<ul style="list-style-type: none"> • 4.0 • 5.0 • 6.0
Description: The alarm is raised when a PIM site is administratively Up but operationally Down. The alarm is cleared when the PIM site becomes operationally Up but administratively Down.		

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Alarm	Attributes	Applicable major releases
Raising condition: (('Administrative State' EQUAL 'Up') AND ('Operational State' NOT EQUAL 'Up'))		
Clearing condition: (('Operational State' EQUAL 'Up') OR ('Administrative State' NOT EQUAL 'Up'))		
Remedial action: This should never happen. Contact Alcatel-Lucent Customer Support for assistance.		

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Table 19-213 PollerProblem

Alarm	Attributes	Applicable major releases
Name: PollerProblem (31) Type: communicationsAlarm (4) Package: netw Raised on class: netw.NetworkElement	Severity: warning Implicitly cleared: true Default probable cause: resyncFailed (24)	<ul style="list-style-type: none"> • 4.0 • 5.0 • 6.0
Description: The alarm is raised when the 5620 SAM is unable to poll a network object, for example, because of intermittent or no IP connectivity to an NE, incorrect SNMP security parameters, or disabled SNMP on the NE.		
Raising condition: ('Resync Status' EQUAL 'Full Resync Failed')		
Clearing condition: ('Resync Status' EQUAL 'Full Resync Done')		
Remedial action: Informational - if the alarm persists or is occurring frequently then investigation is required to understand a) why the underlying transport network is unreliable or b) why the NE is too busy to respond to 5620 SAM or c) has SNMP been disabled on the NE. Once the issue has been resolved SAM will automatically re-attempt.		

Table 19-214 PortEtherSymMonSDAlarm

Alarm	Attributes	Applicable major releases
Name: PortEtherSymMonSDAlarm (5662) Type: communicationsAlarm (4) Package: ethernetequipment Raised on class: ethernetequipment.EthernetPortSpecifics	Severity: major Implicitly cleared: true Default probable cause: etherPortSymMonSDThresholdExceededAlarm (2439)	<ul style="list-style-type: none"> • 4.0 • 5.0 • 6.0
Description: The alarm is raised when an Ethernet port Symbol Monitor Failure alarm condition is detected (Signal Degradation Threshold exceeded).		
Raising condition: ('Symbol Alarm Reason' EQUAL 'SD Threshold Exceeded')		
Clearing condition: ('Symbol Alarm Reason' NOT EQUAL 'SD Threshold Exceeded')		
Remedial action: Symbol monitor signal degradation alarm could be cleared by changing/disabling the associated threshold/multiplier values or it is self clearing and will clear once the error rate drops below 1/10th of the configured rate.		

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Table 19-215 PortEtherSymMonSFAlarm

Alarm	Attributes	Applicable major releases
Name: PortEtherSymMonSFAlarm (5663) Type: communicationsAlarm (4) Package: ethernetequipment Raised on class: ethernetequipment.EthernetPortSpecifics	Severity: major Implicitly cleared: true Default probable cause: etherPortSymMonSFThresholdExceededAlarm (2440)	<ul style="list-style-type: none"> • 4.0 • 5.0 • 6.0
Description: The alarm is raised when an Ethernet port Symbol Monitor Failure alarm condition is detected (Signal Failure Threshold exceeded).		
Raising condition: ('Symbol Alarm Reason' EQUAL 'SF Threshold Exceeded')		
Clearing condition: ('Symbol Alarm Reason' NOT EQUAL 'SF Threshold Exceeded')		
Remedial action: Symbol monitor signal failure alarm could be cleared by changing/disabling the associated threshold/multiplier values or by taking the port out of service (eg. shutdown, card/mda reset, physical link loss).		

Table 19-216 PowerSupplyFailure

Alarm	Attributes	Applicable major releases
Name: PowerSupplyFailure (633) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.PowerSupplyTray	Severity: critical Implicitly cleared: true Default probable cause: powerSupplyFailure (117)	<ul style="list-style-type: none"> • 4.0 • 5.0 • 6.0
Description: The alarm is raised when a power-supply tray reports a failure. When the alarm is raised during device discovery, a power-supply tray may be out of service. When the alarm is raised while the device is in the managed state, a power-supply tray may be out of service or the AC power shelf has a fault condition. The alarm clears when the status changes to OK.		
Raising condition: (('Power Supply 1 Status' EQUAL 'Not Equipped') OR ('Power Supply 1 Status' EQUAL 'Failed'))		
Clearing condition: (('Power Supply 1 Status' EQUAL 'OK'))		
Remedial action: Ensure that the NE is properly connected to power. If the problem persists please contact Alcatel-Lucent support for assistance.		

Table 19-217 PowerSupplyInputFeedDown

Alarm	Attributes	Applicable major releases
Name: PowerSupplyInputFeedDown (5422) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.PowerSupplyTray	Severity: minor Implicitly cleared: true Default probable cause: powerSupplyInputFeedDown (2073)	<ul style="list-style-type: none"> • 4.0 • 5.0 • 6.0
Description: This alarm is generated if any one of the input feeds for a given power supply is not supplying power.		
Raising condition: (('inputFeedStatus' EQUAL 'Input A Down') OR ('inputFeedStatus' EQUAL 'Input B Down') OR (('inputFeedStatus'allBits'Input A Down') AND ('inputFeedStatus'allBits'Input B Down'))		

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Alarm	Attributes	Applicable major releases
Clearing condition: ('inputFeedStatus' EQUAL 'None')		
Remedial action: Restore all of the input feeds that are not supplying power.		

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Table 19-218 PowerSupplyRemoved

Alarm	Attributes	Applicable major releases
Name: PowerSupplyRemoved (542) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.PowerSupplyTray	Severity: major Implicitly cleared: true Default probable cause: PowerSupplyRemoved (415)	<ul style="list-style-type: none"> • 4.0 • 5.0 • 6.0
Description: The alarm is raised when a chassis power supply is removed.		
Raising condition: ('Power Supply 1 Status' EQUAL 'Not Equipped')		
Clearing condition: ('Power Supply 1 Status' NOT EQUAL 'Not Equipped')		
Remedial action: To recover from this event, the customer is requested to add a new power supply to the system, or change a faulty power supply with a working one.		

Table 19-219 PppLoopbackDetected

Alarm	Attributes	Applicable major releases
Name: PppLoopbackDetected (362) Type: configurationAlarm (11) Package: ppp Raised on class: ppp.Interface	Severity: major Implicitly cleared: true Default probable cause: PppLoopbackDetected (259)	<ul style="list-style-type: none"> • 4.0 • 5.0 • 6.0
Description: The alarm is raised when the value of tmnxPppLocalMagicNumber is the same as the value of tmnxPppRemoteMagicNumber, which indicates that the link may be looped back.		
Raising condition: (('Local Magic Number' EQUAL 'Remote Magic Number') AND ('Local Magic Number' NOT EQUAL '0L'))		
Clearing condition: (('Local Magic Number' NOT EQUAL 'Remote Magic Number') OR ('Local Magic Number' EQUAL '0L'))		
Remedial action: Informational.		

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Table 19-220 PrimaryImageBootFailure

Alarm	Attributes	Applicable major releases
Name: PrimaryImageBootFailure (191) Type: configurationAlarm (11) Package: sw Raised on class: sw.CardSoftware	Severity: warning Implicitly cleared: true Default probable cause: bootOptionFileMisconfigured (150)	<ul style="list-style-type: none"> • 4.0 • 5.0 • 6.0
Description: The alarm is raised when the primary software image specified in an NE BOF is unusable.		
Raising condition: (('imageSource' NOT EQUAL 'Primary') AND ('imageSource' NOT EQUAL 'Unknown'))		
Clearing condition: (('imageSource' EQUAL 'Primary') OR ('imageSource' EQUAL 'Unknown'))		
Remedial action: The SW image on the NE may have been inadvertently corrupted. Download a new copy of the SW image to the NE. If the problem persists contact Alcatel-Lucent support for assistance.		

Table 19-221 PrimaryPathLimitReached

Alarm	Attributes	Applicable major releases
Name: PrimaryPathLimitReached (457) Type: resourceAlarm (28) Package: equipment Raised on class: equipment.DaughterCard	Severity: warning Implicitly cleared: true Default probable cause: resourceLimitReached (131)	<ul style="list-style-type: none"> • 4.0 • 5.0 • 6.0
Description: The alarm is raised when the Ingress Multicast Path Management primary path bandwidth limit is reached.		
Raising condition: (('Primary Path Limit Override' > '0') AND ('Primary Path In use' >= (1000 * 'Primary Path Limit Override'))"		
Clearing condition: (('Primary Path Limit Override' > '0') AND ('Primary Path In use' < (1000 * 'Primary Path Limit Override'))"		
Remedial action: Informational - The alarm is raised when the Ingress Multicast Path Management primary path bandwidth limit is reached. This can be remedied by modifying the primary path limit located at T1 Paths tab of the multicast bandwidth policy which assigned to the card, or increase the primary path limit override located at the Daughter Card tab under Daughter Card Slot form.		

Table 19-222 PTPNotQualified

Alarm	Attributes	Applicable major releases
Name: PTPNotQualified (3611) Type: communicationsAlarm (4) Package: sonet Raised on class: sonet.SiteSync	Severity: minor Implicitly cleared: true Default probable cause: PTPNotQualified (1400)	<ul style="list-style-type: none"> • 4.0 • 5.0 • 6.0
Description: The alarm is raised when PTP on an NE is not in the Qualified state.		
Raising condition: (('Qualified For Use' EQUAL 'Not Qualified'))		
Clearing condition: (('Qualified For Use' NOT EQUAL 'Not Qualified'))		
Remedial action: Check the communication path is up between the local PTP slave clock and its selected master		

Table 19-223 PTPPeerLossOfAnnounce

Alarm	Attributes	Applicable major releases
Name: PTPPeerLossOfAnnounce (3608) Type: communicationsAlarm (4) Package: ptp Raised on class: ptp.IEEEPTPPeer	Severity: minor Implicitly cleared: true Default probable cause: PTPPeerLossOfAnnounce (1397)	<ul style="list-style-type: none"> • 4.0 • 5.0 • 6.0
Description: The alarm is raised when the PTP peer is in the 'Packet Timing Signal Fail (Loss Announce)' state. This indicates that the PTP announce messages are not received from the remote master.		
Raising condition: (('Master GM Alarms'anyBit'Loss of Announce'))		
Clearing condition: NOT (('Master GM Alarms'anyBit'Loss of Announce'))		
Remedial action: Please check if Configured Peer IP address is reachable (ping <Peer Ip>) from the this SR node and PTP configuration is proper.		

Table 19-224 PTPPeerLossOfSync

Alarm	Attributes	Applicable major releases
Name: PTPPeerLossOfSync (3609) Type: communicationsAlarm (4) Package: ptp Raised on class: ptp.IEEEPTPPeer	Severity: minor Implicitly cleared: true Default probable cause: PTPPeerLossOfSync (1398)	<ul style="list-style-type: none"> • 4.0 • 5.0 • 6.0
Description: The alarm is raised when the PTP peer is in the 'Packet Timing Signal Fail (Loss Sync)' state. This indicates that the PTP timing messages are not received from the remote master.		
Raising condition: (('Master GM Alarms'anyBit'Loss of Sync'))		
Clearing condition: NOT (('Master GM Alarms'anyBit'Loss of Sync'))		
Remedial action: Please check if Configured Peer IP address is reachable (ping <Peer Ip>) from the this SR node and PTP configuration is proper.		

Table 19-225 PTPReferenceLossOfSignal

Alarm	Attributes	Applicable major releases
Name: PTPReferenceLossOfSignal (3613) Type: communicationsAlarm (4) Package: sonet Raised on class: sonet.SiteSync	Severity: minor Implicitly cleared: true Default probable cause: PTPReferenceLossOfSignal (1402)	<ul style="list-style-type: none"> • 4.0 • 5.0 • 6.0
Description: The alarm is raised when the PTP reference on an NE is not qualified due to Loss of Signal.		
Raising condition: (('Not Qualified Due To'anyBit'LOS'))		
Clearing condition: NOT (('Not Qualified Due To'anyBit'LOS'))		
Remedial action: Check the communication path is up between the local PTP slave clock and its selected master		

Table 19-226 PTPReferenceOutOfFrequency

Alarm	Attributes	Applicable major releases
Name: PTPReferenceOutOfFrequency (3614) Type: communicationsAlarm (4) Package: sonet Raised on class: sonet.SiteSync	Severity: minor Implicitly cleared: true Default probable cause: PTPReferenceOutOfFrequency (1403)	<ul style="list-style-type: none"> • 4.0 • 5.0 • 6.0
Description: The alarm is raised when the PTP Reference on an NE is not qualified due to Out of frequency.		
Raising condition: (('Not Qualified Due To'anyBit'OOFF'))		
Clearing condition: NOT (('Not Qualified Due To'anyBit'OOFF'))		
Remedial action: Make sure that frequency configured for Reference One is correct.		

Table 19-227 PTPReferenceOutOfPollInRange

Alarm	Attributes	Applicable major releases
Name: PTPReferenceOutOfPollInRange (3615) Type: communicationsAlarm (4) Package: sonet Raised on class: sonet.SiteSync	Severity: minor Implicitly cleared: true Default probable cause: PTPReferenceOutOfPollInRange (1404)	<ul style="list-style-type: none"> • 4.0 • 5.0 • 6.0
Description: The alarm is raised when the PTP Reference on an NE is not qualified state due to Out of poll in range.		
Raising condition: (('Not Qualified Due To'anyBit'OOPIR'))		
Clearing condition: NOT (('Not Qualified Due To'anyBit'OOPIR'))		
Remedial action: If there is packet flow, the PTP slave clock is in it's initial acquiring states where the sync-if-timing reference does not qualify just wait.		

Table 19-228 RadiusOperStatusDown

Alarm	Attributes	Applicable major releases
Name: RadiusOperStatusDown (3692) Type: radiusOperStatusDownAlarm (105) Package: netw Raised on class: netw.NetworkElement	Severity: critical Implicitly cleared: true Default probable cause: radiusOperationStatusDown (1431)	<ul style="list-style-type: none"> • 4.0 • 5.0 • 6.0
Description: The alarm is raised when all RADIUS servers have gone down.		
Raising condition: ('Global RADIUS Operational State' EQUAL 'Down')		
Clearing condition: ('Global RADIUS Operational State' EQUAL 'Up')		
Remedial action: Verify the RADIUS server is properly configured and radius server state is up. Check the connectivity between SAM server and radius server configured on the Network element.		

Table 19-229 RcaAuditAfterNEUpgradeStatus

Alarm	Attributes	Applicable major releases
Name: RcaAuditAfterNEUpgradeStatus (5124) Type: configurationAlarm (11) Package: netw Raised on class: netw.NetworkElement	Severity: info Implicitly cleared: false Default probable cause: rcaAuditStatusAfterNEUpgrade (2058)	<ul style="list-style-type: none"> • 4.0 • 5.0 • 6.0
Description: The alarm is raised when the 5620 SAM detects an NE software version upgrade and RCA audit performed.		
Remedial action: Information - Check audit results for details		

Table 19-230 ReachabilityProblem

Alarm	Attributes	Applicable major releases
Name: ReachabilityProblem (243) Type: communicationsAlarm (4) Package: netw Raised on class: netw.NetworkElement	Severity: major Implicitly cleared: true Default probable cause: ReachabilityTestFailed (176)	<ul style="list-style-type: none"> • 4.0 • 5.0 • 6.0
Description: The alarm is raised when a mediation poll of the SysUpTimeAlarm object on an NE fails, for example, because of network congestion or because the NE is too busy to respond. The probable cause is an unreachable NE Mediation agent on the NE. The polling interval depends on the NE type and is configurable in nms-server.xml. By default, the 5620 SAM polls a managed NE every four minutes. If a poll fails, the alarm is raised. The alarm clears when the 5620 SAM receives a response from the NE, and the 5620 SAM GUI icon that represents the NE turns from red to green.		
Raising condition: ('SNMP Reachability' EQUAL 'Down')		
Remedial action: Informational - if the alarm persists or is occurring frequently then investigation is required to understand a) why the underlying transport network is unreliable or b) why the NE is too busy to respond to 5620 SAM or c) has SNMP been disabled on the NE. Once the issue has been resolved SAM will automatically re-attempt.		

Table 19-231 ReconfigFailure

Alarm	Attributes	Applicable major releases
Name: ReconfigFailure (1949) Type: communicationsAlarm (4) Package: netw Raised on class: netw.NetworkElement	Severity: critical Implicitly cleared: true Default probable cause: failedReconfig (937)	<ul style="list-style-type: none"> • 4.0 • 5.0 • 6.0
Description: This alarm is raised when the reconfig action failed.		
Raising condition: ('State' EQUAL 'Failed')		
Clearing condition: ('State' NOT EQUAL 'Failed')		
Remedial action: Verify that the object is configured as expected.		

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Table 19-232 RedundantMepMisconfiguration

Alarm	Attributes	Applicable major releases
Name: RedundantMepMisconfiguration (3631) Type: oamAlarm (18) Package: ethernetToam Raised on class: ethernetToam.Mep	Severity: minor Implicitly cleared: true Default probable cause: misconfiguredRedundantMep (1416)	<ul style="list-style-type: none"> • 4.0 • 5.0 • 6.0
Description: The alarm is raised when an Active and Redundant MEP do not have the same ID, Operational MAC Address or Sub Group configured.		
Raising condition: ('validRedundantMepConfig' EQUAL 'false')		
Clearing condition: ('validRedundantMepConfig' EQUAL 'true')		
Remedial action: MC-LAG redundant MEP configuration (MEP ID or Mac Address) for Active & Standby Interfaces do not match, this could cause issues with CFM or CCM tests if Active interface changes. Delete and Re-create Standby MEP to match Active.		

Table 19-233 RedundantMepMissing

Alarm	Attributes	Applicable major releases
Name: RedundantMepMissing (3632) Type: oamAlarm (18) Package: ethernetToam Raised on class: ethernetToam.Mep	Severity: minor Implicitly cleared: true Default probable cause: missingRedundantMep (1417)	<ul style="list-style-type: none"> • 4.0 • 5.0 • 6.0
Description: The alarm is raised when a MEP misses a redundant counterpart on LAG or SAP.		
Raising condition: (('MC-LAG Inactive' NOT EQUAL 'Not Applicable') AND ('Redundant MEP' EQUAL '\'))		
Clearing condition: (('MC-LAG Inactive' EQUAL 'Not Applicable') OR (('MC-LAG Inactive' NOT EQUAL 'Not Applicable') AND ('Redundant MEP' NOT EQUAL '\')))		
Remedial action: MC-LAG redundant MEP is missing Active & Standby Interfaces, this will cause issues with CFM or CCM tests if Active interface changes. Create missing Active/Standby MEP to match existing.		

Table 19-234 RemoteMepCCMAAlarm

Alarm	Attributes	Applicable major releases
Name: RemoteMepCCMAAlarm (502) Type: oamAlarm (18) Package: ethernetToam Raised on class: ethernetToam.Mep	Severity: major Implicitly cleared: true Default probable cause: missingRemoteMep (388)	<ul style="list-style-type: none"> • 4.0 • 5.0 • 6.0
Description: The alarm is raised when a MEP loses connectivity with one or more remote MEPs. The Remote MEP DB State tab on a MEP lists the missing remote MEPs.		
Raising condition: ('High-Priority Defect' NOT EQUAL '0')		
Clearing condition: ('High-Priority Defect' EQUAL '0')		

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Alarm	Attributes	Applicable major releases
Remedial action: MEP has lost communication with Remote MEP defined in Maintenance Association (MEG) Remote MEP list, Either Remote MEP list is incorrect or diagnose connection fault and resolve.		

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Table 19-235 RemoteRncvOperDown

Alarm	Attributes	Applicable major releases
Name: RemoteRncvOperDown (522) Type: redundancyAlarm (52) Package: multichassis Raised on class: multichassis.MultiChassisRingNode	Severity: major Implicitly cleared: true Default probable cause: remoteRncvDisconnected (397)	<ul style="list-style-type: none"> • 4.0 • 5.0 • 6.0
Description: The alarm is raised when the remote RNCV Operational State of a ring node is other than Connected or NotTested, which means that the ring node is not connected to the local MC ring group. The alarm clears when the ring node enters the Connected or NotTested state.		
Raising condition: (('Remote Operational State' NOT EQUAL 'Connected') AND ('Remote Operational State' NOT EQUAL 'Not Tested'))		
Clearing condition: (('Remote Operational State' EQUAL 'Connected') OR ('Remote Operational State' EQUAL 'Not Tested'))		
Remedial action: Make sure that ring node is properly connected to MC ring group.		

Table 19-236 RipDown

Alarm	Attributes	Applicable major releases
Name: RipDown (72) Type: ProtocolAlarm (1) Package: rip Raised on class: rip.Site	Severity: critical Implicitly cleared: true Default probable cause: protocolDown (1)	<ul style="list-style-type: none"> • 4.0 • 5.0 • 6.0
Description: The alarm is raised when a RIP site has an Operational State other than Up, and the Administrative State is Up.		
Raising condition: (('Administrative State' EQUAL 'Up') AND ('Operational State' NOT EQUAL 'Up'))		
Clearing condition: (('Operational State' EQUAL 'Up') OR ('Administrative State' NOT EQUAL 'Up'))		
Remedial action: The RIP Site is down while it is administratively up. Please check the node e.g. IOM is not shutdown or installed.		

Table 19-237 RouteDistinguisherNotConfigured

Alarm	Attributes	Applicable major releases
Name: RouteDistinguisherNotConfigured (142) Type: configurationAlarm (11) Package: I3fwd Raised on class: I3fwd.ServiceSite	Severity: major Implicitly cleared: true Default probable cause: routeDistinguisherNotConfigured (113)	<ul style="list-style-type: none"> • 4.0 • 5.0 • 6.0

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Alarm	Attributes	Applicable major releases
Description: The alarm is raised when no RD is configured for an L3 service site.		
Raising condition: ('routeDistinguisher' EQUAL '\00 00 00 00 00 00 00\')		
Clearing condition: ('routeDistinguisher' NOT EQUAL '\00 00 00 00 00 00 00\')		
Remedial action: A configuration error has occurred which must be corrected. The RD must be configured on the L3 Service Site in question.		

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Table 19-238 RsvpDown

Alarm	Attributes	Applicable major releases
Name: RsvpDown (74) Type: ProtocolAlarm (1) Package: rsvp Raised on class: rsvp.Site	Severity: critical Implicitly cleared: true Default probable cause: protocolDown (1)	<ul style="list-style-type: none"> • 4.0 • 5.0 • 6.0
Description: The alarm is raised when an RSVP site has an Operational State other than Up, and the Administrative State is Up.		
Raising condition: (('Administrative State' EQUAL 'Up') AND ('Operational State' NOT EQUAL 'Up'))		
Clearing condition: (('Operational State' EQUAL 'Up') OR ('Administrative State' NOT EQUAL 'Up'))		
Remedial action: The RSVP Site is down while it is administratively up. Please check MPLS is enabled and administratively up.		

Table 19-239 RxSectionSynchronizationError

Alarm	Attributes	Applicable major releases
Name: RxSectionSynchronizationError (93) Type: communicationsAlarm (4) Package: sonetequipment Raised on class: sonetequipment.SonetPortMonitorSpecifics	Severity: major Implicitly cleared: true Default probable cause: rxSectionSynchronizationError (79)	<ul style="list-style-type: none"> • 4.0 • 5.0 • 6.0
Description: The alarm is raised when a SONET port reports a section synchronization failure. A section synchronization failure occurs when the S1 byte is inconsistent for eight consecutive frames.		
Raising condition: (('Outstanding Alarms'anyBit'RX Section Synchronization Error') AND ('Report Alarms'anyBit'RX Section Synchronization Error'))		
Clearing condition: NOT (('Outstanding Alarms'anyBit'RX Section Synchronization Error') AND ('Report Alarms'anyBit'RX Section Synchronization Error'))		
Remedial action: Check the link status between SONET Port and the source.		

Table 19-240 S2LPathBypassTunnelActive

Alarm	Attributes	Applicable major releases
Name: S2LPathBypassTunnelActive (777) Type: pathAlarm (12) Package: mpls Raised on class: mpls.S2LPath	Severity: warning Implicitly cleared: true Default probable cause: S2LPathReroutedToBypassTunnel (552)	<ul style="list-style-type: none"> • 4.0 • 5.0 • 6.0
Description: The alarm is raised when the bypass tunnel in an S2L path becomes active. The alarm clears when the bypass tunnel is no longer active, for example, because a primary tunnel failure is resolved or a new path is established.		
Raising condition: ('Bypass Tunnel Active' EQUAL 'true')		
Clearing condition: ('Bypass Tunnel Active' EQUAL 'false')		
Remedial action: Check what caused primary tunnel is down and fix it if possible.		

Table 19-241 S2LPathDown

Alarm	Attributes	Applicable major releases
Name: S2LPathDown (778) Type: pathAlarm (12) Package: mpls Raised on class: mpls.S2LPath	Severity: major Implicitly cleared: true Default probable cause: S2LPathDown (553)	<ul style="list-style-type: none"> • 4.0 • 5.0 • 6.0
Description: The alarm is raised when the S2L path Administrative State is Up and the Operational State is not Up. The alarm clears when the S2L path Operational State changes to Up or the Administrative State changes to Down.		
Raising condition: (('Administrative' EQUAL 'Up') AND ('Operational' NOT EQUAL 'Up'))		
Clearing condition: (('Operational' EQUAL 'Up') OR ('Administrative' NOT EQUAL 'Up'))		
Remedial action: Check the failure code and update accordingly, e.g. whether MPLS/RSVP interfaces, OSPF interfaces are down.		

Table 19-242 SaveConfigFailed

Alarm	Attributes	Applicable major releases
Name: SaveConfigFailed (105) Type: configurationAlarm (11) Package: sw Raised on class: sw.BackupRestoreManager	Severity: major Implicitly cleared: true Default probable cause: fileAccessError (90)	<ul style="list-style-type: none"> • 4.0 • 5.0 • 6.0
Description: The alarm is raised when the admin save command on an NE fails.		
Raising condition: ('Config Save State' EQUAL 'Failure')		
Clearing condition: ('Config Save State' EQUAL 'Success')		
Remedial action: Attempt the admin save command a second time. If the problem persists please contact Alcatel-Lucent support for assistance.		

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Table 19-243 ScheduledPollerProblem

Alarm	Attributes	Applicable major releases
Name: ScheduledPollerProblem (4386) Type: communicationsAlarm (4) Package: netw Raised on class: netw.NetworkElement	Severity: warning Implicitly cleared: true Default probable cause: scheduledResyncFailed (1569)	<ul style="list-style-type: none"> • 4.0 • 5.0 • 6.0
Description: The alarm is raised when the 5620 SAM is unable to poll a network object, for example, because of intermittent or no IP connectivity to an NE, incorrect SNMP security parameters, or disabled SNMP on the NE.		
Raising condition: ('Scheduled Resync Status' EQUAL 'Scheduled Resync Failed')		
Clearing condition: ('Scheduled Resync Status' EQUAL 'Scheduled Resync Done')		
Remedial action: Informational - if the alarm persists or is occurring frequently then investigation is required to understand a) why the underlying transport network is unreliable or b) why the NE is too busy to respond to 5620 SAM or c) has SNMP been disabled on the NE. Once the issue has been resolved SAM will automatically re-attempt.		

Table 19-244 SdpBindingDown

Alarm	Attributes	Applicable major releases
Name: SdpBindingDown (221) Type: SdpBindingAlarm (30) Package: svt Raised on class: svt.SdpBinding	Severity: critical Implicitly cleared: true Default probable cause: SdpBindingNotReady (166)	<ul style="list-style-type: none"> • 4.0 • 5.0 • 6.0
Description: The alarm is raised when an SDP binding has an Operational State other than Up.		
Raising condition: (('Operational State' NOT EQUAL 'Up') AND ('State Cause' NOT EQUAL 'Standby For BGP Multi-Homing'))		
Clearing condition: (('Operational State' EQUAL 'Up') OR ('State Cause' EQUAL 'Standby For BGP Multi-Homing'))		
Remedial action: To resolve this alarm check the SDP binding to determine if a configuration mismatch exists. If configuration is determined to be correct then the associated network interface may be down. Further investigation is required to determine why the underlying network interface is down.		

Table 19-245 SdpBindingTunnelDown

Alarm	Attributes	Applicable major releases
Name: SdpBindingTunnelDown (222) Type: CircuitAlarm (17) Package: svt Raised on class: svt.SdpBinding	Severity: critical Implicitly cleared: true Default probable cause: SdpTunnelNotReady (167)	<ul style="list-style-type: none"> • 4.0 • 5.0 • 6.0
Description: The alarm is raised when an SDP binding tunnel has an Operational State other than Up.		
Raising condition: (('Operational State' EQUAL 'Tunnel Not Ready') OR ('Operational State' EQUAL 'Tunnel Down'))		
Clearing condition: (('Operational State' NOT EQUAL 'Tunnel Not Ready') AND ('Operational State' NOT EQUAL 'Tunnel Down'))		

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Alarm	Attributes	Applicable major releases
Remedial action: To resolve this alarm check the endpoints of the SDP binding to determine if a configuration mismatch exists. If configuration matches then the underlying network resource between the endpoints of the SDP may be down. Further investigation is required to determine why the underlying transport network is down.		

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Table 19-246 SdpEgressIfsNetDomainInConsistent

Alarm	Attributes	Applicable major releases
Name: SdpEgressIfsNetDomainInConsistent (3616) Type: resourceAlarm (28) Package: svt Raised on class: svt.Tunnel	Severity: warning Implicitly cleared: true Default probable cause: sdpEgressIfsNetDomainInConsistent (1405)	<ul style="list-style-type: none"> • 4.0 • 5.0 • 6.0
Description: The alarm is raised when the SDP egress interface's consistency state changes to inconsistent.		
Raising condition: ('Egress Interfaces Consistency State' EQUAL '3')		
Clearing condition: ('Egress Interfaces Consistency State' EQUAL '2')		
Remedial action: To resolve this alarm check egress interfaces of the SDP configuration. If configuration is determined to be correct check underlying physical transport. Further investigation is required.		

Table 19-247 SecondaryPathLimitReached

Alarm	Attributes	Applicable major releases
Name: SecondaryPathLimitReached (458) Type: resourceAlarm (28) Package: equipment Raised on class: equipment.DaughterCard	Severity: warning Implicitly cleared: true Default probable cause: resourceLimitReached (131)	<ul style="list-style-type: none"> • 4.0 • 5.0 • 6.0
Description: The alarm is raised when the Ingress Multicast Path Management secondary path bandwidth limit is reached.		
Raising condition: (('Secondary Path Limit Override' > '0') AND ('Secondary Path In use' >= (1000 * 'Secondary Path Limit Override'))"		
Clearing condition: (('Secondary Path Limit Override' > '0') AND ('Secondary Path In use' < (1000 * 'Secondary Path Limit Override'))"		
Remedial action: Informational - The alarm is raised when the Ingress Multicast Path Management secondary path bandwidth limit is reached. This can be remedied by modifying the secondary path limit located at T1 Paths tab of the multicast bandwidth policy which assigned to the card, or increase the secondary path limit override located at the Daughter Card tab under Daughter Card Slot form.		

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Table 19-248 SectionB1Error

Alarm	Attributes	Applicable major releases
Name: SectionB1Error (87) Type: communicationsAlarm (4) Package: sonetequipment Raised on class: sonetequipment.SonetPortMonitorSpecifics	Severity: major Implicitly cleared: true Default probable cause: sectionB1Error (73)	<ul style="list-style-type: none"> • 4.0 • 5.0 • 6.0
Description: The alarm is raised when a SONET port reports a section error condition that a remote NE raises because of b1 errors received from the local NE. The alarm corresponds to the lrei alarm on an NE.		
Raising condition: (('Outstanding Alarms'anyBit'Section B1 Error') AND ('Report Alarms'anyBit'Section B1 Error'))		
Clearing condition: NOT (('Outstanding Alarms'anyBit'Section B1 Error') AND ('Report Alarms'anyBit'Section B1 Error'))		
Remedial action: Check the SONET port is configured correctly and that the physical layer cabling is operating correctly. Call customer support if necessary.		

Table 19-249 SectionLossOfFrame

Alarm	Attributes	Applicable major releases
Name: SectionLossOfFrame (90) Type: communicationsAlarm (4) Package: sonetequipment Raised on class: sonetequipment.SonetPortMonitorSpecifics	Severity: major Implicitly cleared: true Default probable cause: sectionLossOfFrame (76)	<ul style="list-style-type: none"> • 4.0 • 5.0 • 6.0
Description: The alarm is raised when a SONET port reports a SLOF error. The alarm corresponds to the slof alarm on an NE.		
Raising condition: (('Outstanding Alarms'anyBit'Section Loss of Frame') AND ('Report Alarms'anyBit'Section Loss of Frame'))		
Clearing condition: NOT (('Outstanding Alarms'anyBit'Section Loss of Frame') AND ('Report Alarms'anyBit'Section Loss of Frame'))		
Remedial action: One of the following conditions exists on the referenced physical interface which must be corrected. A cable/fiber fault exists which must be corrected - check to ensure that the cable is not faulty and is properly connected.		

Table 19-250 SectionLossOfSignal

Alarm	Attributes	Applicable major releases
Name: SectionLossOfSignal (91) Type: communicationsAlarm (4) Package: sonetequipment Raised on class: sonetequipment.SonetPortMonitorSpecifics	Severity: major Implicitly cleared: true Default probable cause: sectionLossOfSignal (77)	<ul style="list-style-type: none"> • 4.0 • 5.0 • 6.0
Description: The alarm is raised when a SONET port reports a SLOS error. The alarm corresponds to the slos alarm on an NE.		
Raising condition: (('Outstanding Alarms'anyBit'Section Loss of Signal') AND ('Report Alarms'anyBit'Section Loss of Signal'))		
Clearing condition: NOT (('Outstanding Alarms'anyBit'Section Loss of Signal') AND ('Report Alarms'anyBit'Section Loss of Signal'))		

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Alarm	Attributes	Applicable major releases
Remedial action: One of the following conditions exists on the referenced physical interface which must be corrected. A cable/fiber fault exists which must be corrected - check to ensure that the cable is not faulty and is properly connected.		

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Table 19-251 SectionS1Failure

Alarm	Attributes	Applicable major releases
Name: SectionS1Failure (86) Type: communicationsAlarm (4) Package: sonetequipment Raised on class: sonetequipment.SonetPortMonitorSpecifics	Severity: major Implicitly cleared: true Default probable cause: sectionS1Failure (72)	<ul style="list-style-type: none"> • 4.0 • 5.0 • 6.0
Description: The alarm is raised when a SONET port reports a section synchronization failure. A section synchronization failure occurs when the S1 byte is inconsistent for eight consecutive frames.		
Raising condition: (('Outstanding Alarms'anyBit'Section S1 Failure') AND ('Report Alarms'anyBit'Section S1 Failure'))		
Clearing condition: NOT (('Outstanding Alarms'anyBit'Section S1 Failure') AND ('Report Alarms'anyBit'Section S1 Failure'))		
Remedial action: Check the SONET port is configured correctly and that the physical layer cabling is operating correctly. Call customer support if necessary.		

Table 19-252 ServiceSiteDown

Alarm	Attributes	Applicable major releases
Name: ServiceSiteDown (97) Type: serviceAlarm (16) Package: service Raised on class: service.Site	Severity: critical Implicitly cleared: true Default probable cause: siteDown (83)	<ul style="list-style-type: none"> • 4.0 • 5.0 • 6.0
Description: The alarm is raised when all SAPs on a site are operationally down, or when the service tunnels for the site are operationally down.		
Raising condition: (('Operational State' NOT EQUAL 'Up') AND ('State Cause' NOT EQUAL 'All Spoke SDP Bindings are Standby'))		
Clearing condition: (('Operational State' EQUAL 'Up') OR ('State Cause' EQUAL 'All Spoke SDP Bindings are Standby'))		
Remedial action: The network resources (i.e. physical ports for SAPs, or physical ports/LSP) associated with the service site should be examined to determine if/why they are operationally down. The underlying transport network supporting the site may also be unreliable.		

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Table 19-253 SessionDown

Alarm	Attributes	Applicable major releases
Name: SessionDown (73) Type: ProtocolAlarm (1) Package: rsvp Raised on class: rsvp.Session	Severity: critical Implicitly cleared: true Default probable cause: interfaceDown (32)	<ul style="list-style-type: none"> • 4.0 • 5.0 • 6.0
Description: The alarm is raised when an RSVP session is operationally down.		
Raising condition: ('Operational State' EQUAL 'Down')		
Clearing condition: ('Operational State' EQUAL 'Up')		
Remedial action: Please check the RSVP session path to make sure all associated protocols/interfaces/connections are OK.		

Table 19-254 ShamLinkDown

Alarm	Attributes	Applicable major releases
Name: ShamLinkDown (665) Type: ShamLinkAlarm (57) Package: ospf Raised on class: ospf.ShamLink	Severity: critical Implicitly cleared: true Default probable cause: ShamLinkDown (492)	<ul style="list-style-type: none"> • 4.0 • 5.0 • 6.0
Description: The alarm is raised when a sham link is operationally down.		
Raising condition: ('Operational State' EQUAL 'Down')		
Clearing condition: ('Operational State' NOT EQUAL 'Down')		
Remedial action: This alarm is raised when the OSPF sham link is operationally down. The situation may occur if the underlying physical interface is down either because of administrative disabling or a fault on the far end port or due to a cable connection or cable failure. This alarm will also be raised if the underlying transport network fails or is unreliable. Resolving the underlying instability in the transport network will correct this problem.		

Table 19-255 SingleSFMOverloadDetected

Alarm	Attributes	Applicable major releases
Name: SingleSFMOverloadDetected (843) Type: ProtocolAlarm (1) Package: I3fwd Raised on class: I3fwd.Site	Severity: major Implicitly cleared: true Default probable cause: signleSfmOverloadDetected (601)	<ul style="list-style-type: none"> • 4.0 • 5.0 • 6.0
Description: The alarm is raised when a device reports a single-SFM overload. The alarm clears when the VR exits the Overload state.		
Raising condition: ('Overload State' EQUAL 'Overload')		
Clearing condition: ('Overload State' EQUAL 'Normal')		
Remedial action: Information - if the the problem persists please contact Alcatel-Lucent support for assistance.		

Table 19-256 SonetPathAlarmIndicationSignal

Alarm	Attributes	Applicable major releases
Name: SonetPathAlarmIndicationSignal (129) Type: communicationsAlarm (4) Package: sonetequipment Raised on class: sonetequipment.SonetChannelMonitorSpecifics	Severity: major Implicitly cleared: true Default probable cause: pathAlarmIndicationSignal (63)	<ul style="list-style-type: none"> • 4.0 • 5.0 • 6.0
Description: The alarm is raised when a SONET port reports a PAIS error. The alarm corresponds to the pais alarm on an NE.		
Raising condition: (('Outstanding Alarms'anyBit'Path Alarm Indication Signal') AND ('Report Alarms'anyBit'Path Alarm Indication Signal'))		
Clearing condition: NOT (('Outstanding Alarms'anyBit'Path Alarm Indication Signal') AND ('Report Alarms'anyBit'Path Alarm Indication Signal'))		
Remedial action: Check the SONET port is configured correctly and that the physical layer cabling is operating correctly. Call customer support if necessary.		

Table 19-257 SonetPathB3Error

Alarm	Attributes	Applicable major releases
Name: SonetPathB3Error (132) Type: communicationsAlarm (4) Package: sonetequipment Raised on class: sonetequipment.SonetChannelMonitorSpecifics	Severity: major Implicitly cleared: true Default probable cause: pathB3Error (66)	<ul style="list-style-type: none"> • 4.0 • 5.0 • 6.0
Description: The alarm is raised when a SONET port reports a path error condition because of b3 errors. The alarm corresponds to the prei alarm on an NE.		
Raising condition: (('Outstanding Alarms'anyBit'Path B3 error') AND ('Report Alarms'anyBit'Path B3 error'))		
Clearing condition: NOT (('Outstanding Alarms'anyBit'Path B3 error') AND ('Report Alarms'anyBit'Path B3 error'))		
Remedial action: Check the SONET port is configured correctly and that the physical layer cabling is operating correctly. Call customer support if necessary.		

Table 19-258 SonetPathLossOfCodegroupDelineationError

Alarm	Attributes	Applicable major releases
Name: SonetPathLossOfCodegroupDelineationError (248) Type: communicationsAlarm (4) Package: sonetequipment Raised on class: sonetequipment.SonetChannelMonitorSpecifics	Severity: major Implicitly cleared: true Default probable cause: pathLossOfCodegroupDelineationError (185)	<ul style="list-style-type: none"> • 4.0 • 5.0 • 6.0
Description: The alarm is raised when a SONET port reports a PLCD error. The alarm corresponds to the plcd alarm on an NE.		

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Alarm	Attributes	Applicable major releases
Raising condition: (('Outstanding Alarms'anyBit'Path Loss of Codegroup Delineation Error') AND ('Report Alarms'anyBit'Path Loss of Codegroup Delineation Error'))		
Clearing condition: NOT (('Outstanding Alarms'anyBit'Path Loss of Codegroup Delineation Error') AND ('Report Alarms'anyBit'Path Loss of Codegroup Delineation Error'))		
Remedial action: Check the SONET port is configured correctly and that the physical layer cabling is operating correctly. Call customer support if necessary.		

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Table 19-259 SonetPathLossOfPointer

Alarm	Attributes	Applicable major releases
Name: SonetPathLossOfPointer (130) Type: communicationsAlarm (4) Package: sonetequipment Raised on class: sonetequipment.SonetChannelMonitorSpecifics	Severity: major Implicitly cleared: true Default probable cause: pathLossOfPointer (64)	<ul style="list-style-type: none"> • 4.0 • 5.0 • 6.0
Description: The alarm is raised when a SONET port reports a PLOP error. The alarm corresponds to the plop alarm on an NE.		
Raising condition: (('Outstanding Alarms'anyBit'Path Loss of Pointer') AND ('Report Alarms'anyBit'Path Loss of Pointer'))		
Clearing condition: NOT (('Outstanding Alarms'anyBit'Path Loss of Pointer') AND ('Report Alarms'anyBit'Path Loss of Pointer'))		
Remedial action: Check the SONET port is configured correctly and that the physical layer cabling is operating correctly. Call customer support if necessary.		

Table 19-260 SonetPathPayloadMismatch

Alarm	Attributes	Applicable major releases
Name: SonetPathPayloadMismatch (133) Type: communicationsAlarm (4) Package: sonetequipment Raised on class: sonetequipment.SonetChannelMonitorSpecifics	Severity: major Implicitly cleared: true Default probable cause: pathPayloadMismatch (67)	<ul style="list-style-type: none"> • 4.0 • 5.0 • 6.0
Description: The alarm is raised when a SONET port reports a PPLM error on a channel, after which the channel is set operationally down. The alarm corresponds to the pplm alarm on an NE.		
Raising condition: (('Outstanding Alarms'anyBit'Path Payload Mismatch') AND ('Report Alarms'anyBit'Path Payload Mismatch'))		
Clearing condition: NOT (('Outstanding Alarms'anyBit'Path Payload Mismatch') AND ('Report Alarms'anyBit'Path Payload Mismatch'))		
Remedial action: Informational only.		

Table 19-261 SonetPathRemoteB3Error

Alarm	Attributes	Applicable major releases
Name: SonetPathRemoteB3Error (134) Type: communicationsAlarm (4) Package: sonetequipment Raised on class: sonetequipment.SonetChannelMonitorSpecifics	Severity: major Implicitly cleared: true Default probable cause: pathRemoteB3Error (68)	<ul style="list-style-type: none"> • 4.0 • 5.0 • 6.0
Description: The alarm is raised when a SONET port reports a path error condition that a remote NE raises because of b3 errors received from the local NE. The alarm corresponds to the prei alarm on an NE.		
Raising condition: (('Outstanding Alarms'anyBit'Path Remote B3 Error') AND ('Report Alarms'anyBit'Path Remote B3 Error'))		
Clearing condition: NOT (('Outstanding Alarms'anyBit'Path Remote B3 Error') AND ('Report Alarms'anyBit'Path Remote B3 Error'))		
Remedial action: Check the remote NE is configured correctly and its physical layer cabling is operating correctly.		

Table 19-262 SonetPathRemoteDefectIndication

Alarm	Attributes	Applicable major releases
Name: SonetPathRemoteDefectIndication (131) Type: communicationsAlarm (4) Package: sonetequipment Raised on class: sonetequipment.SonetChannelMonitorSpecifics	Severity: major Implicitly cleared: true Default probable cause: pathRemoteDefectIndication (65)	<ul style="list-style-type: none"> • 4.0 • 5.0 • 6.0
Description: The alarm is raised when a SONET port reports a remote PAIS error. The alarm corresponds to the pais alarm on an NE.		
Raising condition: (('Outstanding Alarms'anyBit'Path Remote Defect Indication') AND ('Report Alarms'anyBit'Path Remote Defect Indication'))		
Clearing condition: NOT (('Outstanding Alarms'anyBit'Path Remote Defect Indication') AND ('Report Alarms'anyBit'Path Remote Defect Indication'))		
Remedial action: Check the SONET port is configured correctly and that the physical layer cabling is operating correctly. Call customer support if necessary.		

Table 19-263 SonetPathUnequippedPathError

Alarm	Attributes	Applicable major releases
Name: SonetPathUnequippedPathError (143) Type: communicationsAlarm (4) Package: sonetequipment Raised on class: sonetequipment.SonetChannelMonitorSpecifics	Severity: major Implicitly cleared: true Default probable cause: pathUnequippedPathError (114)	<ul style="list-style-type: none"> • 4.0 • 5.0 • 6.0
Description: The alarm is raised when a SONET port reports a path unequipped error. The alarm corresponds to the Path Alarm Unequipped Path Error alarm on an NE.		

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Alarm	Attributes	Applicable major releases
Raising condition: (('Outstanding Alarms'anyBit'Path Alarm Unequipped Path Error') AND ('Report Alarms'anyBit'Path Alarm Unequipped Path Error'))		
Clearing condition: NOT (((('Outstanding Alarms'anyBit'Path Alarm Unequipped Path Error') AND ('Report Alarms'anyBit'Path Alarm Unequipped Path Error'))))		
Remedial action: Check the SONET port is configured correctly and that the physical layer cabling is operating correctly. Call customer support if necessary.		

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Table 19-264 StatsRetrieval

Alarm	Attributes	Applicable major releases
Name: StatsRetrieval (8069) Type: equipmentAlarm (3) Package: netw Raised on class: netw.NetworkElement	Severity: info Implicitly cleared: false Default probable cause: trapGapExceeded (2471)	<ul style="list-style-type: none"> 6.0
Description: The alarm is raised when the 5620 SAM detects trap Gap Exceeded and MG Stats files are retrieved.		
Remedial action: Informational - no corrective action required.		

Table 19-265 StatsRetrieveFailed

Alarm	Attributes	Applicable major releases
Name: StatsRetrieveFailed (244) Type: configurationAlarm (11) Package: sw Raised on class: sw.AccountingStatsRetrievalManager	Severity: major Implicitly cleared: false Default probable cause: fileTransferFailure (89)	<ul style="list-style-type: none"> 4.0 5.0 6.0
Description: The alarm is raised when the 5620 SAM main or auxiliary server cannot transfer an accounting file from an NE.		
Raising condition: (('Stats Retrieval State' NOT EQUAL 'Success') AND ('Stats Retrieval State' NOT EQUAL 'Not Attempted'))		
Remedial action: Informational - if the alarm persists or is occurring frequently then investigation is required to understand a) why the underlying transport network is unreliable or b) why the NE is too busy or otherwise cannot respond to the 5620 SAM main or auxiliary server.		

Table 19-266 StpExceptionCondition

Alarm	Attributes	Applicable major releases
Name: StpExceptionCondition (297) Type: AccessInterfaceAlarm (32) Package: I2fwd Raised on class: I2fwd.AccessInterfaceStp	Severity: major Implicitly cleared: true Default probable cause: StpException (228)	<ul style="list-style-type: none"> • 4.0 • 5.0 • 6.0
Description: The alarm is raised when a SAP detects an STP exception condition, for example, one-way communication or a downstream loop. The alarm clears when the STP condition changes.		
Raising condition: (('STP Exception Condition' NOT EQUAL 'None') AND ('Administrative State' EQUAL 'Up'))		
Clearing condition: (('STP Exception Condition' EQUAL 'None') OR ('Administrative State' EQUAL 'Down'))		
Remedial action: Check 'STP Exception Condition' field for more details and fix the STP exception.		

Table 19-267 StpRootGuardViolation

Alarm	Attributes	Applicable major releases
Name: StpRootGuardViolation (503) Type: AccessInterfaceAlarm (32) Package: I2fwd Raised on class: I2fwd.AccessInterfaceStp	Severity: warning Implicitly cleared: true Default probable cause: spanningTreeTopologyChanged (331)	<ul style="list-style-type: none"> • 4.0 • 5.0 • 6.0
Description: The alarm is raised when a SAP detects an STP root guard violation.		
Raising condition: ('Root Guard Violation' EQUAL 'true')		
Clearing condition: ('Root Guard Violation' NOT EQUAL 'true')		
Remedial action: Set 'Root Guard' to false if not necessary.		

Table 19-268 SubscriberInterfaceDown

Alarm	Attributes	Applicable major releases
Name: SubscriberInterfaceDown (440) Type: SubscriberInterfaceAlarm (43) Package: service Raised on class: service.SubscriberInterface	Severity: critical Implicitly cleared: true Default probable cause: interfaceDown (32)	<ul style="list-style-type: none"> • 4.0 • 5.0 • 6.0
Description: The alarm is raised when a subscriber interface is operationally down. The alarm clears when the subscriber interface is operationally up.		
Raising condition: ('operationalState' NOT EQUAL 'Up')		
Clearing condition: ('operationalState' EQUAL 'Up')		
Remedial action: Check the configuration and the underlying physical interface.		

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Table 19-269 SubscriberSystemNextHopUsageHigh

Alarm	Attributes	Applicable major releases
Name: SubscriberSystemNextHopUsageHigh (5157) Type: thresholdCrossed (6) Package: netw Raised on class: netw.NetworkElement	Severity: minor Implicitly cleared: true Default probable cause: resourceFull (53)	<ul style="list-style-type: none"> • 4.0 • 5.0 • 6.0
Description: The alarm is raised when the IP next-hop usage by subscriber managed routes reaches its high watermark, cleared when it reaches its low watermark again; the watermarks are derived from the limit specified with the property subSysNextHopLimit.		
Raising condition: ('IP Next Hop Usage High' EQUAL 'true')		
Clearing condition: ('IP Next Hop Usage High' EQUAL 'false')		
Remedial action: The alarm is raised when the IP next-hop usage by subscriber managed routes reaches its high watermark, cleared when it reaches its low watermark again; the watermarks are derived from the limit specified with the property subSysNextHopLimit. There is no immediate effect, but when the usage actually hits the limit, new hosts will not get their managed routes.		

Table 19-270 SubSysChassMemoryUsageHi

Alarm	Attributes	Applicable major releases
Name: SubSysChassMemoryUsageHi (5656) Type: thresholdCrossed (6) Package: equipment Raised on class: equipment.Shelf	Severity: minor Implicitly cleared: true Default probable cause: resourceFull (53)	<ul style="list-style-type: none"> • 4.0 • 5.0 • 6.0
Description: This alarm is raised when the memory usage by subscriber management on this system or chassis reaches its high watermark ('true').		
Raising condition: ('Memory Usage High' EQUAL 'True')		
Clearing condition: (('Memory Usage High' EQUAL 'False') OR ('Memory Usage High' EQUAL 'unspecified'))		
Remedial action: The memory usage by subscriber management on this system has reached its high watermark. Please check your memory usage.		

Table 19-271 TemperatureThresholdCrossed

Alarm	Attributes	Applicable major releases
Name: TemperatureThresholdCrossed (7) Type: environmentalAlarm (2) Package: equipment Raised on class: equipment.Environment	Severity: major Implicitly cleared: true Default probable cause: equipmentOverheated (5)	<ul style="list-style-type: none"> • 4.0 • 5.0 • 6.0
Description: The alarm is raised when a temperature crosses a threshold.		
Raising condition: ('temperatureThresholdCrossed' EQUAL 'true')		

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Alarm	Attributes	Applicable major releases
Clearing condition: ('temperatureThresholdCrossed' EQUAL 'false')		
Remedial action: The NE has detected internal temperatures which are abnormally high. This could be caused by a failed fan unit or one or more dirty fan filters. Replacing the failed unit or filters should resolve the problem. Alternately the environment that the NE is operating in may not be within specifications found in the NE user guides.		

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Table 19-272 TmnxEqPortEtherLoopDetected

Alarm	Attributes	Applicable major releases
Name: TmnxEqPortEtherLoopDetected (461) Type: portEtherLoopDetected (48) Package: ethernetequipment Raised on class: ethernetequipment.EthernetPortSpecifics	Severity: major Implicitly cleared: true Default probable cause: HighBer (238)	<ul style="list-style-type: none"> • 4.0 • 5.0 • 6.0
Description: The alarm is raised when a device detects a physical loop on an Ethernet port.		
Raising condition: (('Down When Looped Status' EQUAL 'Loop Detected'))		
Clearing condition: (('Down When Looped Status' EQUAL 'No Loop Detected'))		
Remedial action: An Ethernet port has been mis-cabled - please remove the loopback cable on the port.		

Table 19-273 TMSInterfaceDown

Alarm	Attributes	Applicable major releases
Name: TMSInterfaceDown (3907) Type: TMSInterfaceDown (112) Package: service Raised on class: service.TmsInterface	Severity: critical Implicitly cleared: true Default probable cause: interfaceDown (32)	<ul style="list-style-type: none"> • 4.0 • 5.0 • 6.0
Description: The alarm is raised when a TMS interface is operationally down. The alarm clears when the TMS interface is operationally up.		
Raising condition: ('operationalState' NOT EQUAL 'Up')		
Clearing condition: ('operationalState' EQUAL 'Up')		
Remedial action: This alarm indicates TMS Interface configured is operational down.		

Table 19-274 TrapDestinationMisconfigured

Alarm	Attributes	Applicable major releases
Name: TrapDestinationMisconfigured (33) Type: configurationAlarm (11) Package: netw Raised on class: netw.NetworkElement	Severity: major Implicitly cleared: true Default probable cause: trapDestinationMisconfigured (26) Applicable probable causes: <ul style="list-style-type: none"> trapDestinationMisconfigured duplicateTrapLogId 	<ul style="list-style-type: none"> 4.0 5.0 6.0
Description: The alarm is raised when the 5620 SAM cannot be added to the NE's SNMP trap destinations.		
Raising condition: ('isTrapDestinationMisconfigured' EQUAL 'true')		
Clearing condition: ('isTrapDestinationMisconfigured' EQUAL 'false')		
Remedial action: A configuration error has been made which must be corrected. The SNMP trap destination on the NE must be configured to the IP address of the SAM server.		

Table 19-275 TrapReceivingFailure

Alarm	Attributes	Applicable major releases
Name: TrapReceivingFailure (1083) Type: communications (87) Package: netw Raised on class: netw.NetworkElement	Severity: major Implicitly cleared: false Default probable cause: trapsWillNotBeSent (822)	<ul style="list-style-type: none"> 4.0 5.0 6.0
Description: This user-defined alarm is raised when the NE is unable to send traps because the NE configuration is one of the following: - The Management IP Selection is set to Out Of Band Only, the Primary Route Preference is set to In Band, and the Secondary Route Preference is set to None. - The Management IP Selection is set to In Band Only, the Primary Route Preference is set to Out Of Band, and the Secondary Route Preference is set to None.		
Raising condition: (('Active Management IP' EQUAL 'In Band') AND ('Management IP Selection' EQUAL 'In Band Only') AND ('Primary Route Preference' EQUAL 'Out Of Band') AND ('Secondary Route Preference' EQUAL 'None')) OR (('Active Management IP' EQUAL 'Out Of Band') AND ('Management IP Selection' EQUAL 'Out Of Band Only') AND ('Primary Route Preference' EQUAL 'In Band') AND ('Secondary Route Preference' EQUAL 'None')) OR (('Active Management IP' EQUAL 'Out Of Band') AND ('Management IP Selection' EQUAL 'In Band Preferred') AND ('Primary Route Preference' EQUAL 'In Band') AND ('Secondary Route Preference' EQUAL 'None')) OR (('Active Management IP' EQUAL 'In Band') AND ('Management IP Selection' EQUAL 'Out Of Band Preferred') AND ('Primary Route Preference' EQUAL 'Out Of Band') AND ('Secondary Route Preference' EQUAL 'None'))		
Clearing condition: (('Active Management IP' EQUAL 'In Band') AND ('Management IP Selection' EQUAL 'In Band Only') AND (('Primary Route Preference' EQUAL 'In Band') OR ('Secondary Route Preference' EQUAL 'In Band'))) OR (('Active Management IP' EQUAL 'Out Of Band') AND ('Management IP Selection' EQUAL 'Out Of Band Only') AND (('Primary Route Preference' EQUAL 'Out Of Band') OR ('Secondary Route Preference' EQUAL 'Out Of Band'))) OR (('Active Management IP' EQUAL 'Out Of Band') AND ('Management IP Selection' EQUAL 'In Band Preferred') AND (('Primary Route Preference' EQUAL 'In Band') OR ('Secondary Route Preference' EQUAL 'In Band'))) OR (('Active Management IP' EQUAL 'In Band') AND ('Management IP Selection' EQUAL 'Out Of Band Preferred') AND (('Primary Route Preference' EQUAL 'In Band') OR ('Secondary Route Preference' EQUAL 'In Band'))) OR (('Active Management IP' EQUAL 'Out Of Band') AND ('Management IP Selection' EQUAL 'Out Of Band Preferred') AND (('Primary Route Preference' EQUAL 'Out Of Band') OR ('Secondary Route Preference' EQUAL 'Out Of Band')))		
Remedial action: A configuration error has been made which must be corrected. The configuration error must be corrected per the discussion in the description for this alarm.		

Table 19-276 TrapRoutePreferenceRedundancyMissing

Alarm	Attributes	Applicable major releases
Name: TrapRoutePreferenceRedundancyMissing (1084) Type: communications (87) Package: netw Raised on class: netw.NetworkElement	Severity: warning Implicitly cleared: true Default probable cause: trapsRedundancyMissing (823)	<ul style="list-style-type: none"> • 4.0 • 5.0 • 6.0
Description: The user-defined alarm is raised when NE management redundancy is configured without trap route preference redundancy.		
Raising condition: (((('Management IP Selection' EQUAL 'In Band Preferred') AND ('Active Management IP' EQUAL 'In Band') AND ('Primary Route Preference' EQUAL 'In Band') AND ('Secondary Route Preference' EQUAL 'None')) OR (('Management IP Selection' EQUAL 'Out Of Band Preferred') AND ('Active Management IP' EQUAL 'Out Of Band') AND ('Primary Route Preference' EQUAL 'Out Of Band') AND ('Secondary Route Preference' EQUAL 'None'))))		
Clearing condition: (((('Management IP Selection' EQUAL 'In Band Preferred') AND ('Active Management IP' EQUAL 'In Band') AND ('Secondary Route Preference' NOT EQUAL 'None')) OR (('Management IP Selection' EQUAL 'Out Of Band Preferred') AND ('Active Management IP' EQUAL 'Out Of Band') AND ('Secondary Route Preference' NOT EQUAL 'None'))))		
Remedial action: A configuration error has been made which must be corrected. The IP address of the standby SAM server must be configured on the NE in question.		

Table 19-277 TunnelAdministrativelyDown (mpls)

Alarm	Attributes	Applicable major releases
Name: TunnelAdministrativelyDown (523) Type: pathAlarm (12) Package: mpls Raised on class: mpls.Tunnel	Severity: minor Implicitly cleared: true Default probable cause: tunnelAdministrativelyDown (333)	<ul style="list-style-type: none"> • 4.0 • 5.0 • 6.0
Description: The alarm is raised when the 5620 SAM detects that an MPLS path is administratively down.		
Raising condition: ('Administrative' NOT EQUAL 'Up')		
Clearing condition: ('Administrative' EQUAL 'Up')		
Remedial action: Turn up the corresponding MPLS path.		

Table 19-278 TunnelAdministrativelyDown (svt)

Alarm	Attributes	Applicable major releases
Name: TunnelAdministrativelyDown (523) Type: pathAlarm (12) Package: svt Raised on class: svt.Tunnel	Severity: minor Implicitly cleared: true Default probable cause: tunnelAdministrativelyDown (333)	<ul style="list-style-type: none"> • 4.0 • 5.0 • 6.0
Description: The alarm is raised when the 5620 SAM detects that a service tunnel is administratively down.		
Raising condition: ('administrativeState' NOT EQUAL 'Up')		

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Alarm	Attributes	Applicable major releases
Clearing condition: ('administrativeState' EQUAL 'Up')		
Remedial action: Informational - an operator has manually turned down a service tunnel.		

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Table 19-279 TunnelDown (mpls)

Alarm	Attributes	Applicable major releases
Name: TunnelDown (30) Type: pathAlarm (12) Package: mpls Raised on class: mpls.Tunnel	Severity: warning Implicitly cleared: true Default probable cause: tunnelDown (23)	<ul style="list-style-type: none"> • 4.0 • 5.0 • 6.0
Description: The alarm is raised when an MPLS path has an Operational State other than Up, and the Administrative State is Up.		
Raising condition: (('Administrative' EQUAL 'Up') AND ('Operational' NOT EQUAL 'Up'))		
Clearing condition: (('Operational' EQUAL 'Up') OR ('Administrative' NOT EQUAL 'Up'))		
Remedial action: Check the network resources along the path.		

Table 19-280 TunnelDown (svt)

Alarm	Attributes	Applicable major releases
Name: TunnelDown (30) Type: pathAlarm (12) Package: svt Raised on class: svt.AbstractTunnel	Severity: critical Implicitly cleared: true Default probable cause: tunnelDown (23)	<ul style="list-style-type: none"> • 4.0 • 5.0 • 6.0
Description: The alarm is raised when the 5620 SAM detects that a service tunnel is operationally down.		
Raising condition: (('Administrative' EQUAL 'Up') AND ('Operational' NOT EQUAL 'Up'))		
Clearing condition: (('Operational' EQUAL 'Up') OR ('Administrative' NOT EQUAL 'Up'))		
Remedial action: This alarm indicates that a problem has been made in the underlying transport network. If the alarm persists or re-occurs frequently then investigation of the underlying transport issues is warranted.		

Table 19-281 TxSectionSynchronizationError

Alarm	Attributes	Applicable major releases
Name: TxSectionSynchronizationError (92) Type: communicationsAlarm (4) Package: sonetequipment Raised on class: sonetequipment.SonetPortMonitorSpecifics	Severity: major Implicitly cleared: true Default probable cause: txSectionSynchronizationError (78)	<ul style="list-style-type: none"> • 4.0 • 5.0 • 6.0
Description: The alarm is raised when a SONET port reports an SS1F error. The alarm corresponds to the ss1f alarm on an NE.		
Raising condition: (('Outstanding Alarms'anyBit'TX Section Synchronization Error') AND ('Report Alarms'anyBit'TX Section Synchronization Error'))		
Clearing condition: NOT (('Outstanding Alarms'anyBit'TX Section Synchronization Error') AND ('Report Alarms'anyBit'TX Section Synchronization Error'))		
Remedial action: Check the SONET port is configured correctly and that the physical layer cabling is operating correctly. Call customer support if necessary.		

Table 19-282 UnidentifiedNode

Alarm	Attributes	Applicable major releases
Name: UnidentifiedNode (1922) Type: communicationsAlarm (4) Package: netw Raised on class: netw.DiscoveredNode	Severity: major Implicitly cleared: true Default probable cause: unidentifiedNode (922)	<ul style="list-style-type: none"> • 4.0 • 5.0 • 6.0
Description: The alarm is raised when the node being discovered can not be properly identified.		
Raising condition: ('State' EQUAL 'Pending Identification')		
Clearing condition: ('State' NOT EQUAL 'Pending Identification')		
Remedial action: A configuration error has occurred that must be corrected. The eNodeB does not have a system name. The name can be configured by selecting the alarm, opening the associated properties form for the alarmed object and configuring the system name.		

Table 19-283 UnmanageFailed

Alarm	Attributes	Applicable major releases
Name: UnmanageFailed (300) Type: discoveryControlAlarm (33) Package: netw Raised on class: netw.NodeDiscoveryControl	Severity: warning Implicitly cleared: true Default probable cause: unableToDeleteNode (231)	<ul style="list-style-type: none"> • 4.0 • 5.0 • 6.0
Description: The alarm is raised when an attempt to unmanage an NE fails.		
Raising condition: ('Site State' EQUAL 'Unmanage Failed')		
Clearing condition: ('Site State' NOT EQUAL 'Unmanage Failed')		

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Alarm	Attributes	Applicable major releases
Remedial action: Informational - if the alarm persists please contact Alcatel-Lucent support for assistance		

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Table 19-284 UnrecommendedNAT64DestinationPrefix

Alarm	Attributes	Applicable major releases
Name: UnrecommendedNAT64DestinationPrefix (8060) Type: configurationAlarm (11) Package: nat Raised on class: nat.Nat64Config	Severity: warning Implicitly cleared: true Default probable cause: unrecommendedConfiguration (2461)	<ul style="list-style-type: none"> • 4.0 • 5.0 • 6.0
Description: This alarm is raised when the bits [64-71] of NAT64 destination prefix are non-zero for prefix length of 96.		
Raising condition: (('NAT Destination Prefix Length' EQUAL '96') AND ('NAT Destination Prefix' NOT EQUAL \"([0-9A-F]{1,4}):{4}([0-9A-F]{1,2}):([0-9A-F]{1,4}){3}\")')		
Clearing condition: (('NAT Destination Prefix Length' NOT EQUAL '96') OR ('NAT Destination Prefix' EQUAL \"([0-9A-F]{1,4}):{4}([0-9A-F]{1,2}):([0-9A-F]{1,4}){3}\")')		
Remedial action: When using a prefix length 96, set the bits [64-71] of NAT64 Destination Prefix as zero.		

Table 19-285 UpgradedBuildVersionMismatch

Alarm	Attributes	Applicable major releases
Name: UpgradedBuildVersionMismatch (174) Type: configurationAlarm (11) Package: netw Raised on class: netw.NetworkElement	Severity: warning Implicitly cleared: true Default probable cause: upgradedImageNotBooted (137)	<ul style="list-style-type: none"> • 4.0 • 5.0 • 6.0
Description: The alarm is raised when the software version that an NE reports after a software upgrade does not match the version of the software used for the upgrade.		
Raising condition: ('upgradedBuildVersionMismatch' EQUAL 'true')		
Clearing condition: ('upgradedBuildVersionMismatch' EQUAL 'false')		
Remedial action: Informational - if the alarm persists please contact Alcatel-Lucent support for assistance		

Table 19-286 upgradedCardAlarm

Alarm	Attributes	Applicable major releases
Name: upgradedCardAlarm (255) Type: softwareAlarm (19) Package: equipment Raised on class: equipment.Card	Severity: warning Implicitly cleared: true Default probable cause: upgradedCard (194)	<ul style="list-style-type: none"> • 4.0 • 5.0 • 6.0
Description: The alarm is raised when the standby CPM is rebooted and operational after a software upgrade. A device resets an IOM automatically after 120 minutes if the IOM is not manually reset after a CPM upgrade.		
Raising condition: ('operationalState' EQUAL 'Upgrade')		
Clearing condition: ('operationalState' EQUAL 'Up')		
Remedial action: Informational - no corrective action required.		

Table 19-287 VersionConfigRestoreFailed

Alarm	Attributes	Applicable major releases
Name: VersionConfigRestoreFailed (536) Type: configurationAlarm (11) Package: sw Raised on class: sw.BackupRestoreManager	Severity: major Implicitly cleared: true Default probable cause: versionMismatch (405)	<ul style="list-style-type: none"> • 4.0 • 5.0 • 6.0
Description: The alarm is raised when the restore procedure on an NE fails because of a mismatch between the backup file set version and the NE software version.		
Raising condition: ('lastNmsVersionRestoreState' EQUAL 'Failure')		
Clearing condition: ('lastNmsVersionRestoreState' EQUAL 'Success')		
Remedial action: The backup files being restored do not match with the version of node software release. Download a new copy of the SW image to the NE. If the problem persists contact Alcatel-Lucent support for assistance.		

Table 19-288 VideoInterfaceDown

Alarm	Attributes	Applicable major releases
Name: VideoInterfaceDown (794) Type: VideoInterfaceAlarm (72) Package: service Raised on class: service.VideoInterface	Severity: critical Implicitly cleared: true Default probable cause: interfaceDown (32)	<ul style="list-style-type: none"> • 4.0 • 5.0 • 6.0
Description: The alarm is raised when a video interface is operationally down. The alarm clears when the video interface is operationally up.		
Raising condition: ('Operational State' NOT EQUAL 'Up')		
Clearing condition: ('Operational State' EQUAL 'Up')		
Remedial action: Check the configuration and the underlying physical interface.		

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Table 19-289 VirtualLinkDown

Alarm	Attributes	Applicable major releases
Name: VirtualLinkDown (122) Type: VirtualLinkAlarm (21) Package: ospf Raised on class: ospf.VirtualLink	Severity: warning Implicitly cleared: true Default probable cause: VirtualLinkDown (104)	<ul style="list-style-type: none"> • 4.0 • 5.0 • 6.0
Description: The alarm is raised when a virtual link is Down.		
Raising condition: ('Operational State' EQUAL 'Down')		
Clearing condition: ('Operational State' NOT EQUAL 'Down')		
Remedial action: This alarm is raised when the OSPF virtual link is operationally down. The situation may occur if the underlying physical interface is down either because of administrative disabling or a fault on the far end port or due to a cable connection or cable failure. This alarm will also be raised if the underlying transport network fails or is unreliable. Resolving the underlying instability in the transport network will correct this problem.		

Table 19-290 VirtualNeighborDown

Alarm	Attributes	Applicable major releases
Name: VirtualNeighborDown (123) Type: VirtualNeighborDown (22) Package: ospf Raised on classes: <ul style="list-style-type: none"> • ospf.ShamLink • ospf.VirtualLink 	Severity: warning Implicitly cleared: true Default probable cause: VirtualNeighborDown (105)	<ul style="list-style-type: none"> • 4.0 • 5.0 • 6.0
Description: The alarm is raised when a neighbor virtual link is operationally down.		
Raising condition: ('neighborCount' EQUAL '0L')		
Clearing condition: ('neighborCount' NOT EQUAL '0L')		
Remedial action: This alarm is raised when the OSPF neighbor virtual link is operationally down. The situation may occur if the underlying physical interface is down either because of administrative disabling or a fault on the far end port or due to a cable connection or cable failure. This alarm will also be raised if the underlying transport network fails or is unreliable. Resolving the underlying instability in the transport network will correct this problem.		

Table 19-291 WaveTrackerEncoderDegrade

Alarm	Attributes	Applicable major releases
Name: WaveTrackerEncoderDegrade (821) Type: communicationsAlarm (4) Package: ethernetequipment Raised on class: ethernetequipment.WaveLengthTracker	Severity: major Implicitly cleared: true Default probable cause: EncoderDegrade (584)	<ul style="list-style-type: none"> • 4.0 • 5.0 • 6.0
Description: The alarm is raised when a device reports an encoder degradation on a wavelength tracker interface.		

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Alarm	Attributes	Applicable major releases
Raising condition: (('Configured Alarms'anyBit'Encoder Degrade') AND ('Reported Alarms'anyBit'Encoder Degrade'))		
Clearing condition: NOT (('Configured Alarms'anyBit'Encoder Degrade') AND ('Reported Alarms'anyBit'Encoder Degrade'))		
Remedial action: The OT or SVAC card has detected a DSP failure and this means that the wavelength tracker encode power control is compromised. If this occurs during steady state operation, there is a high probability that the services carried by this OT or SVAC are unaffected. To clear this alarm, replace the card. The card replacement procedure is service affecting and should be conducted during a maintenance window.		

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Table 19-292 WaveTrackerEncoderFailure

Alarm	Attributes	Applicable major releases
Name: WaveTrackerEncoderFailure (822) Type: communicationsAlarm (4) Package: ethernetequipment Raised on class: ethernetequipment.WaveLengthTracker	Severity: major Implicitly cleared: true Default probable cause: EncoderFailure (585)	<ul style="list-style-type: none"> • 4.0 • 5.0 • 6.0
Description: The alarm is raised when a device reports an encoder failure on a wavelength tracker interface.		
Raising condition: (('Configured Alarms'anyBit'Encoder Failure') AND ('Reported Alarms'anyBit'Encoder Failure'))		
Clearing condition: NOT (('Configured Alarms'anyBit'Encoder Failure') AND ('Reported Alarms'anyBit'Encoder Failure'))		
Remedial action: A cold reset, reseal, or replacement of a card is service impacting if the card is currently carrying services. If there are services currently carried over the card, it may be best to wait for a maintenance window before resetting, replacing, or reseating the card. Confirm that replacement OT or SVAC card supports the same band as the alarmed OT or SVAC card and connect all fibers to the replacement OT or SVAC card.		

Table 19-293 WaveTrackerMissingPluggableVOA

Alarm	Attributes	Applicable major releases
Name: WaveTrackerMissingPluggableVOA (4618) Type: communicationsAlarm (4) Package: ethernetequipment Raised on class: ethernetequipment.WaveLengthTracker	Severity: major Implicitly cleared: true Default probable cause: MissingPluggableVOA (1887)	<ul style="list-style-type: none"> • 4.0 • 5.0 • 6.0
Description: The alarm is raised when a device reports a power control high limit on a wavelength tracker interface.		
Raising condition: (('Configured Alarms'anyBit'Missing Pluggable VOA') AND ('Reported Alarms'anyBit'Missing Pluggable VOA'))		
Clearing condition: NOT (('Configured Alarms'anyBit'Missing Pluggable VOA') AND ('Reported Alarms'anyBit'Missing Pluggable VOA'))		
Remedial action: Informational - no corrective action required.		

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Table 19-294 WaveTrackerPowerControlDegrade

Alarm	Attributes	Applicable major releases
Name: WaveTrackerPowerControlDegrade (823) Type: communicationsAlarm (4) Package: ethernetequipment Raised on class: ethernetequipment.WaveLengthTracker	Severity: major Implicitly cleared: true Default probable cause: PowerControlDegrade (586)	<ul style="list-style-type: none"> • 4.0 • 5.0 • 6.0
Description: The alarm is raised when a device reports a power control degradation on a wavelength tracker interface.		
Raising condition: (('Configured Alarms'anyBit'Power Control Degrade') AND ('Reported Alarms'anyBit'Power Control Degrade'))		
Clearing condition: NOT (((('Configured Alarms'anyBit'Power Control Degrade') AND ('Reported Alarms'anyBit'Power Control Degrade'))))		
Remedial action: check to see that the fibering for that card is correct. Remove the fiber from the Tx port on the transponder card. If the condition clears after 20 seconds, then this is a misfibering problem.		

Table 19-295 WaveTrackerPowerControlFailure

Alarm	Attributes	Applicable major releases
Name: WaveTrackerPowerControlFailure (824) Type: communicationsAlarm (4) Package: ethernetequipment Raised on class: ethernetequipment.WaveLengthTracker	Severity: critical Implicitly cleared: true Default probable cause: PowerControlFailure (587)	<ul style="list-style-type: none"> • 4.0 • 5.0 • 6.0
Description: The alarm is raised when a device reports a power control failure on a wavelength tracker interface.		
Raising condition: (('Configured Alarms'anyBit'Power Control Failure') AND ('Reported Alarms'anyBit'Power Control Failure'))		
Clearing condition: NOT (((('Configured Alarms'anyBit'Power Control Failure') AND ('Reported Alarms'anyBit'Power Control Failure'))))		
Remedial action: Either alarmed card has detected equipment problem or there is misfibering problem such that a light-emitting fiber has been plugged into the Tx port of aWavelength Tracker encoder-equipped transponder card.If the card is a transponder card that is equipped with aWavelength Tracker encoder, check to see that the fibering for that card is correct. Remove the fiber from the Tx port on the transponder card. If the condition clears after 20 seconds, then this is a misfibering problem.the card is an SVAC, or if there is no fibering problem on the transponder card.Disconnect all fibers on the alarmed card and Replace the card. connect all fibers to the replacement card		

Table 19-296 WaveTrackerPowerControlHighlimit

Alarm	Attributes	Applicable major releases
Name: WaveTrackerPowerControlHighlimit (825) Type: communicationsAlarm (4) Package: ethernetequipment Raised on class: ethernetequipment.WaveLengthTracker	Severity: major Implicitly cleared: true Default probable cause: PowerControlHighlimit (588)	<ul style="list-style-type: none"> • 4.0 • 5.0 • 6.0
Description: The alarm is raised when a device reports a power control high limit on a wavelength tracker interface.		

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Alarm	Attributes	Applicable major releases
Raising condition: (('Configured Alarms'anyBit'Power Control High limit reached') AND ('Reported Alarms'anyBit'Power Control High limit reached'))		
Clearing condition: NOT (('Configured Alarms'anyBit'Power Control High limit reached') AND ('Reported Alarms'anyBit'Power Control High limit reached'))		
Remedial action: Informational - no corrective action required.		

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Table 19-297 WaveTrackerPowerControllowlimit

Alarm	Attributes	Applicable major releases
Name: WaveTrackerPowerControllowlimit (826) Type: communicationsAlarm (4) Package: ethernetequipment Raised on class: ethernetequipment.WaveLengthTracker	Severity: major Implicitly cleared: true Default probable cause: PowerControllowlimit (589)	<ul style="list-style-type: none"> • 4.0 • 5.0 • 6.0
Description: The alarm is raised when a device reports a power control low limit on a wavelength tracker interface.		
Raising condition: (('Configured Alarms'anyBit'Power Control Low limit reached') AND ('Reported Alarms'anyBit'Power Control Low limit reached'))		
Clearing condition: NOT (('Configured Alarms'anyBit'Power Control Low limit reached') AND ('Reported Alarms'anyBit'Power Control Low limit reached'))		
Remedial action: Informational - no corrective action required.		

Table 19-298 WrongCpaaSoftwareVersion

Alarm	Attributes	Applicable major releases
Name: WrongCpaaSoftwareVersion (791) Type: equipmentAlarm (3) Package: netw Raised on class: netw.NetworkElement	Severity: critical Implicitly cleared: true Default probable cause: wrongCpaaSoftwareVersion (559)	<ul style="list-style-type: none"> • 4.0 • 5.0 • 6.0
Description: The alarm is raised when the 7701 CPAA software is the wrong version and requires an upgrade.		
Raising condition: (('Software Version' EQUAL \"TIMOS-B-3.0.Generic \") AND ('Chassis Type' EQUAL '7701 CPAA'))		
Clearing condition: (('Software Version' NOT EQUAL \"TIMOS-B-3.0.Generic \") AND ('Chassis Type' EQUAL '7701 CPAA'))		
Remedial action: The SW version of the CPAA must be upgraded to the version compatible with CPAM version.		

Table 19-299 XplError

Alarm	Attributes	Applicable major releases
Name: XplError (573) Type: hardwareAnomaly (55) Package: equipment Raised on class: equipment.DaughterCard	Severity: minor Implicitly cleared: true Default probable cause: xplError (443)	<ul style="list-style-type: none"> • 4.0 • 5.0 • 6.0
Description: The alarm is raised when an MDA reports persistent XPL Errors.		
Raising condition: ('Number Of Notifications' NOT EQUAL '0')		
Clearing condition: ('Number Of Notifications' EQUAL '0')		
Remedial action: Informational - if the condition persists then the MDA indicated in the alarm should be replaced.		

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Note – Some alarms that the 5620 SAM can raise against this device may not be listed in this chapter. Associating alarms with specific NE types is an ongoing Alcatel-Lucent effort. If the 5620 SAM raises an alarm against this device type, and the alarm is not described in this chapter, see chapter 41 for information about the alarm.

Table 20-1 AccessInterfaceDown

Alarm	Attributes	Applicable major releases
Name: AccessInterfaceDown (249) Type: AccessInterfaceAlarm (32) Package: service Raised on class: service.AccessInterface	Severity: critical Implicitly cleared: true Default probable cause: interfaceDown (32)	<ul style="list-style-type: none"> • 2.1 • 3.0
Description: The alarm is raised when an L2 or L3 interface operational state is Down. The alarm is not raised against an L2 access interface that is associated with an MC ring or MC LAG in the standby state.		
Raising condition: (('Operational State' NOT EQUAL 'Up') AND ('State Cause' NOT EQUAL 'Standby For MC-Ring') AND ('State Cause' NOT EQUAL 'Standby For MC-Lag') AND ('State Cause' NOT EQUAL 'Standby For BGP Multi-homing'))		
Clearing condition: (('Operational State' EQUAL 'Up') OR ('State Cause' EQUAL 'Standby For MC-Ring') OR ('State Cause' EQUAL 'Standby For MC-Lag') OR ('State Cause' EQUAL 'Standby For BGP Multi-homing'))		
Remedial action: The condition exists because the physical interface is down either because it is administratively disabled, faulty or a cabling fault has occurred. Ensure that the interface is administratively up. Check for a poor cable connection to the port or for a faulty cable/fiber. If neither appears to be the problem run diagnostics on the port to determine if it is faulty.		

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Table 20-2 ActiveAbnormalCondition

Alarm	Attributes	Applicable major releases
Name: ActiveAbnormalCondition (3938) Type: activeAbnormalConditionAlarm (116) Package: netw Raised on class: netw.NetworkElement	Severity: major Implicitly cleared: true Default probable cause: ActiveAbnormalConditionState (1520)	<ul style="list-style-type: none"> • 2.1 • 3.0
Description: The alarm is an indication for abnormal condition on NE.		
Raising condition: ('abnormalCondition' EQUAL 'true')		
Clearing condition: ('abnormalCondition' EQUAL 'false')		
Remedial action: This alarm is raised when there is a abnormal state indication on NE.		

Table 20-3 AggregatedVFLPortDown

Alarm	Attributes	Applicable major releases
Name: AggregatedVFLPortDown (5436) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.Shelf	Severity: critical Implicitly cleared: true Default probable cause: connectivityIssue (2137)	<ul style="list-style-type: none"> • 2.1 • 3.0
Description: The alarm is generated when the aggregated virtual fabric link on the virtual chassis slot is down.		
Raising condition: (('Shelf Type' EQUAL '7850') AND ('Total Slots' EQUAL '4') AND ('Virtual Fabric Link State' NOT EQUAL 'Up'))		
Clearing condition: (('Shelf Type' EQUAL '7850') AND ('Total Slots' EQUAL '4') AND ('Virtual Fabric Link State' EQUAL 'Up'))		
Remedial action: The alarm is raised when the aggregated virtual fabric link on the virtual chassis is down. Please check the virtual fabric links for the virtual chassis setup.		

Table 20-4 AGWDiameterPeerDown

Alarm	Attributes	Applicable major releases
Name: AGWDiameterPeerDown (844) Type: EpcAlarm (59) Package: Ite Raised on class: Ite.AGWDiameterPeer	Severity: variable Implicitly cleared: true Default probable cause: EPSPeerDown (602)	<ul style="list-style-type: none"> • 2.1 • 3.0
Description: The alarm is raised when the path management state of a Diameter peer changes to a state other than Up.		
Raising condition: ('Path Diameter Management State' NOT EQUAL 'Active')		
Clearing condition: ('Path Diameter Management State' EQUAL 'Active')		
Remedial action: A Ga reference point (peer) is operationally down for one of the following reasons: the underlying IP or physical interface is down, the far end peer is down or the underlying transport between this NE and the peer NE is down. To resolve the issue ensure that the IP/physical interface is up, check that the far end peer is operational and check that the underlying transport network is up.		

Table 20-5 AncillaryPathLimitReached

Alarm	Attributes	Applicable major releases
Name: AncillaryPathLimitReached (459) Type: resourceAlarm (28) Package: equipment Raised on class: equipment.DaughterCard	Severity: warning Implicitly cleared: true Default probable cause: resourceLimitReached (131)	<ul style="list-style-type: none"> • 2.1 • 3.0
Description: The alarm is raised when the Ingress Multicast Path Management ancillary path bandwidth limit is reached.		
Raising condition: (('Ancillary Path Limit Override' > '0') AND ('Ancillary Path In use' >= (1000 * 'Ancillary Path Limit Override'))"		
Clearing condition: (('Ancillary Path Limit Override' > '0') AND ('Ancillary Path In use' < (1000 * 'Ancillary Path Limit Override'))"		
Remedial action: Informational - The alarm is raised when the Ingress Multicast Path Management ancillary path bandwidth limit is reached. This can be remedied by modifying the ancillary path limit located at T1 Paths tab of the multicast bandwidth policy which assigned to the card, or increase the ancillary path limit override located at the Daughter Card tab under Daughter Card Slot form.		

Table 20-6 AreaTypeMismatch

Alarm	Attributes	Applicable major releases
Name: AreaTypeMismatch (38) Type: configurationAlarm (11) Package: ospf Raised on class: ospf.Area	Severity: warning Implicitly cleared: true Default probable cause: areaTypeMisconfigured (34)	<ul style="list-style-type: none"> • 2.1 • 3.0
Description: The alarm is raised when an OSPF area on one NE is configured as an NSSA and the same OSPF area on another NE is configured as a stub area.		
Raising condition: ('Type Mismatch' EQUAL 'true')		
Clearing condition: ('Type Mismatch' EQUAL 'false')		
Remedial action: A configuration error has been made which must be corrected. The OSPF area type configured for the NE does not match with the same OSPF area configured on another NE. Compare the configuration on the endpoint and correct the mismatch.		

Table 20-7 AsymmetricalConfig (lag)

Alarm	Attributes	Applicable major releases
Name: AsymmetricalConfig (295) Type: configurationAlarm (11) Package: lag Raised on classes: <ul style="list-style-type: none"> • lag.MultiChassisLag • lag.MultiChassisLagMember 	Severity: major Implicitly cleared: true Default probable cause: asymmetricalConfig (226)	<ul style="list-style-type: none"> • 2.1 • 3.0
Description: The alarm is raised when the members of an MC LAG do not have matching configurations.		
Raising condition: ('configMismatches' NOT EQUAL '0L')		

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Alarm	Attributes	Applicable major releases
Clearing condition: ('configMismatches' EQUAL 'OL')		
Remedial action: Check configurations on both members to see anything not matched.		

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Table 20-8 AuxiliaryServerStatus

Alarm	Attributes	Applicable major releases
Name: AuxiliaryServerStatus (311) Type: communicationsAlarm (4) Package: server Raised on class: server.AuxiliaryServer	Severity: critical Implicitly cleared: true Default probable cause: systemFailed (144)	<ul style="list-style-type: none"> • 2.1 • 3.0
Description: The alarm is raised when a 5620 SAM main server cannot communicate with an auxiliary server. The alarm clears when communication is restored.		
Raising condition: ('Server Status' EQUAL 'Down')		
Clearing condition: ('Server Status' EQUAL 'Up')		
Remedial action: Informational - if the alarm persists or is occurring frequently then investigation is required to understand why the connectivity between the AUX and SAM servers is unreliable.		

Table 20-9 BgpDown

Alarm	Attributes	Applicable major releases
Name: BgpDown (6) Type: ProtocolAlarm (1) Package: bgp Raised on class: bgp.Site	Severity: critical Implicitly cleared: true Default probable cause: protocolDown (1)	<ul style="list-style-type: none"> • 2.1 • 3.0
Description: The alarm is raised when a BGP instance has an Operational State other than Up, and the Administrative State is Up.		
Raising condition: (('Administrative State' EQUAL 'Up') AND ('Operational State' NOT EQUAL 'Up'))		
Clearing condition: (('Operational State' EQUAL 'Up') OR ('Administrative State' NOT EQUAL 'Up'))		
Remedial action: The BGP protocol entity is down - administratively disable BGP and re-enable. If the problem persists please contact Alcatel-Lucent support for assistance.		

Table 20-10 BITS2NotQualified

Alarm	Attributes	Applicable major releases
Name: BITS2NotQualified (1941) Type: communicationsAlarm (4) Package: sonet Raised on class: sonet.SiteSync	Severity: minor Implicitly cleared: true Default probable cause: timingReferenceNotQualified (418)	<ul style="list-style-type: none"> • 2.1 • 3.0
Description: The alarm is raised when the BITS-2 timing reference on an NE is not in the Qualified state.		
Raising condition: (('Qualified For Use' EQUAL 'Not Qualified') AND ('Input Administrative State' NOT EQUAL 'Down'))		
Clearing condition: (('Qualified For Use' NOT EQUAL 'Not Qualified') OR ('Input Administrative State' EQUAL 'Down'))		
Remedial action: Make sure that BITS2 is qualified		

Table 20-11 BITSNotQualified

Alarm	Attributes	Applicable major releases
Name: BITSNotQualified (547) Type: communicationsAlarm (4) Package: sonet Raised on class: sonet.SiteSync	Severity: minor Implicitly cleared: true Default probable cause: timingReferenceNotQualified (418)	<ul style="list-style-type: none"> • 2.1 • 3.0
Description: The alarm is raised when the BITS timing reference on an NE is not in the Qualified state.		
Raising condition: (('Qualified For Use' EQUAL 'Not Qualified') AND ('Output Administrative State' NOT EQUAL 'Down'))		
Clearing condition: (('Qualified For Use' NOT EQUAL 'Not Qualified') OR ('Output Administrative State' EQUAL 'Down'))		
Remedial action: Make sure that BITS is qualified		

Table 20-12 BITSReferenceLossOfSignal

Alarm	Attributes	Applicable major releases
Name: BITSReferenceLossOfSignal (1950) Type: communicationsAlarm (4) Package: sonet Raised on class: sonet.SiteSync	Severity: minor Implicitly cleared: true Default probable cause: BITSReferenceLossOfSignal (938)	<ul style="list-style-type: none"> • 2.1 • 3.0
Description: The alarm is raised when the BITS reference on an NE is not qualified due to Loss of Signal.		
Raising condition: (('Not Qualified Due To'anyBit'LOS'))		
Clearing condition: NOT (('Not Qualified Due To'anyBit'LOS'))		
Remedial action: Make sure that peer connected to BITS is properly configured.		

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Table 20-13 BITSReferenceOutOfFrequency

Alarm	Attributes	Applicable major releases
Name: BITSReferenceOutOfFrequency (1951) Type: communicationsAlarm (4) Package: sonet Raised on class: sonet.SiteSync	Severity: minor Implicitly cleared: true Default probable cause: BITSReferenceOutOfFrequency (939)	<ul style="list-style-type: none"> • 2.1 • 3.0
Description: The alarm is raised when the BITS Reference on an NE is not qualified due to Out of frequency.		
Raising condition: (('Not Qualified Due To'anyBit'OOFF'))		
Clearing condition: NOT (('Not Qualified Due To'anyBit'OOFF'))		
Remedial action: Make sure that frequency configured for BITS is correct.		

Table 20-14 BITSReferenceOutOfPollInRange

Alarm	Attributes	Applicable major releases
Name: BITSReferenceOutOfPollInRange (1952) Type: communicationsAlarm (4) Package: sonet Raised on class: sonet.SiteSync	Severity: minor Implicitly cleared: true Default probable cause: BITSReferenceOutOfPollInRange (940)	<ul style="list-style-type: none"> • 2.1 • 3.0
Description: The alarm is raised when the BITS Reference on an NE is not qualified state due to Out of poll in range.		
Raising condition: (('Not Qualified Due To'anyBit'OOPIR'))		
Clearing condition: NOT (('Not Qualified Due To'anyBit'OOPIR'))		
Remedial action: Check the BITS is configured correctly. Check the SONET port is configured correctly and that the physical layer cabling is operating correctly. Call customer support if necessary		

Table 20-15 BootableConfigBackupFailed

Alarm	Attributes	Applicable major releases
Name: BootableConfigBackupFailed (103) Type: configurationAlarm (11) Package: sw Raised on class: sw.BackupRestoreManager	Severity: major Implicitly cleared: true Default probable cause: fileTransferFailure (89)	<ul style="list-style-type: none"> • 2.1 • 3.0
Description: The alarm is raised when the 5620 SAM fails to back up a set of NE configuration files.		
Raising condition: ('Backup State' EQUAL 'Failure')		
Clearing condition: ('Backup State' EQUAL 'Success')		
Remedial action: Investigation is required to resolve the following possible scenarios: insufficient disk space is available to accommodate the NE configuration files (additional SAM platform alarms will accompany this alarm); the NE is unreachable (including underlying transport network issue); loss of connectivity to the NE during transfer; the FTP daemon on the NE may have stopped; FTP security credential issues.		

Table 20-16 BootableConfigRestoreFailed

Alarm	Attributes	Applicable major releases
Name: BootableConfigRestoreFailed (104) Type: configurationAlarm (11) Package: sw Raised on class: sw.BackupRestoreManager	Severity: major Implicitly cleared: true Default probable cause: fileTransferFailure (89)	<ul style="list-style-type: none"> • 2.1 • 3.0
Description: The alarm is raised when the 5620 SAM fails to restore a set of NE configuration files.		
Raising condition: ('Restore State' EQUAL 'Failure')		
Clearing condition: ('Restore State' EQUAL 'Success')		
Remedial action: Investigation is required to resolve the following possible scenarios: the NE is unreachable (including underlying transport network issue); loss of connectivity to the NE during transfer; the FTP daemon on the NE may have stopped; FTP security credential issues.		

Table 20-17 BootParametersMisconfigured

Alarm	Attributes	Applicable major releases
Name: BootParametersMisconfigured (35) Type: configurationAlarm (11) Package: netw Raised on class: netw.NetworkElement	Severity: critical Implicitly cleared: true Default probable cause: persistentIndexFailure (30) Applicable probable causes: <ul style="list-style-type: none"> • persistentIndexFailure • configFileBootFailure 	<ul style="list-style-type: none"> • 2.1 • 3.0
Description: The alarm is raised when the SNMP Index Boot Status on an NE is not set to Persistent.		
Raising condition: (('isGenericNode' EQUAL 'false') AND ('State' NOT EQUAL 'Pre-provisioned') AND (('Config File Status' NOT EQUAL 'Executed Successfully') AND ('Config File Status' NOT EQUAL 'configFileStatus_unspecified')) OR (('Persistent Index Status' NOT EQUAL 'Rebuild Succeeded') AND ('Persistent Index Status' NOT EQUAL 'persistentIndexStatus_unspecified'))))		
Clearing condition: (('Config File Status' EQUAL 'Executed Successfully') AND ('Persistent Index Status' EQUAL 'Rebuild Succeeded'))		
Remedial action: Ensure that "SNMP Index Boot Status" is persistent (using cli command "show system information" on the NE). If not, unmanage the network element from SAM, ensure that "persist on" is set in the bof file, save the bof, save a config file, verify that an index file (.ndx) is saved as well, reboot the router, verify that SNMP Index Boot Status is persistent and finally remanage the router from SAM.		

Table 20-18 CircuitStpExceptionCondition

Alarm	Attributes	Applicable major releases
Name: CircuitStpExceptionCondition (648) Type: SdpBindingAlarm (30) Package: l2fwd Raised on class: l2fwd.CircuitStp	Severity: major Implicitly cleared: true Default probable cause: StpException (228)	<ul style="list-style-type: none"> • 2.1 • 3.0

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Alarm	Attributes	Applicable major releases
Description: The alarm is raised when an NE detects an STP exception condition on a SAP, for example, one-way communication or a downstream loop. The alarm clears when the STP status changes.		
Raising condition: (('STP Exception Condition' NOT EQUAL 'None') AND ('Administrative State' EQUAL 'Up'))		
Clearing condition: (('STP Exception Condition' EQUAL 'None') OR ('Administrative State' EQUAL 'Down'))		
Remedial action: Check 'STP Exception Condition' field for more details and fix the STP exception.		

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Table 20-19 ClientDelegateServerStatus

Alarm	Attributes	Applicable major releases
Name: ClientDelegateServerStatus (731) Type: communicationsAlarm (4) Package: server Raised on class: server.ClientDelegateServer	Severity: critical Implicitly cleared: true Default probable cause: systemFailed (144)	<ul style="list-style-type: none"> • 2.1 • 3.0
Description: The alarm is raised when a client delegate server is unreachable.		
Raising condition: ('Server Status' EQUAL 'Down')		
Clearing condition: ('Server Status' EQUAL 'Up')		
Remedial action: Informational - if the alarm persists or is occurring frequently then investigation is required to understand why the connectivity between the client delegate platform and SAM servers is unreliable or the client delegate server itself is unreliable.		

Table 20-20 ConfigurationRescueFileDeleteStatus

Alarm	Attributes	Applicable major releases
Name: ConfigurationRescueFileDeleteStatus (3894) Type: configurationRescueAlarm (109) Package: rollback Raised on class: rollback.RollbackNEInfo	Severity: info Implicitly cleared: false Default probable cause: configurationRescueFileDeleteOperationPerformed (1485)	<ul style="list-style-type: none"> • 2.1 • 3.0
Description: The alarm is raised when a configuration rollback rescue file delete operation is performed.		
Remedial action: Informational - If rollback rescue file deletion status indicates failed, then, the requested rescue file might not be available or check the FTP permission for the rescue location.		

Table 20-21 ConfigurationRescueFileSaveStatus

Alarm	Attributes	Applicable major releases
Name: ConfigurationRescueFileSaveStatus (3895) Type: configurationRescueAlarm (109) Package: rollback Raised on class: rollback.RollbackNEInfo	Severity: info Implicitly cleared: false Default probable cause: configurationRescueFileSaveOperationPerformed (1486)	<ul style="list-style-type: none"> • 2.1 • 3.0
Description: The alarm is raised when a configuration rollback rescue save operation is performed.		
Remedial action: Informational - If rollback rescue file creation status indicates failed, then, check the FTP permission for the rescue location.		

Table 20-22 ConfigurationRescueStatus

Alarm	Attributes	Applicable major releases
Name: ConfigurationRescueStatus (3896) Type: configurationRescueAlarm (109) Package: rollback Raised on class: rollback.RollbackNEInfo	Severity: info Implicitly cleared: false Default probable cause: configurationRescueOperationPerformed (1487)	<ul style="list-style-type: none"> • 2.1 • 3.0
Description: The alarm is raised when a configuration rollback rescue operation is performed.		
Remedial action: Informational - If rollback rescue status indicates failed, then, the rescue file might not be available or check the FTP permission for the rescue location.		

Table 20-23 ConfigurationRollBackFileDeleteStatus

Alarm	Attributes	Applicable major releases
Name: ConfigurationRollBackFileDeleteStatus (3897) Type: configurationRollBackAlarm (103) Package: rollback Raised on class: rollback.RollbackNEInfo	Severity: info Implicitly cleared: false Default probable cause: configurationRollBackFileDeleteOperationPerformed (1488)	<ul style="list-style-type: none"> • 2.1 • 3.0
Description: The alarm is raised when a configuration rollback file delete operation is performed.		
Remedial action: Informational - If rollback file deletion status indicates failed, then, the requested rollback file might not be available or check the FTP permission for the rollback location..		

Table 20-24 ConfigurationRollBackFileSyncStatus

Alarm	Attributes	Applicable major releases
Name: ConfigurationRollBackFileSyncStatus (3898) Type: configurationRollBackFileSyncAlarm (110) Package: rollback Raised on class: rollback.RollbackNEInfo	Severity: info Implicitly cleared: false Default probable cause: configurationRollBackFileSyncOperationPerformed (1489)	<ul style="list-style-type: none"> • 2.1 • 3.0
Description: The alarm is raised when a configuration rollback CPM sync operation is performed.		
Remedial action: Informational - If rollback files CPM Sync status indicates failed, then, check whether standby CPM is up.		

Table 20-25 ConfigurationRollBackSaveStatus

Alarm	Attributes	Applicable major releases
Name: ConfigurationRollBackSaveStatus (3899) Type: configurationRollBackAlarm (103) Package: rollback Raised on class: rollback.RollbackNEInfo	Severity: info Implicitly cleared: false Default probable cause: configurationRollBackSaveOperationPerformed (1490)	<ul style="list-style-type: none"> • 2.1 • 3.0
Description: The alarm is raised when a configuration rollback save operation is performed.		
Remedial action: Informational - If rollback file creation status indicates failed, then, check the FTP permission for the rollback location.		

Table 20-26 ConfigurationRollBackStatus (netw)

Alarm	Attributes	Applicable major releases
Name: ConfigurationRollBackStatus (3684) Type: configurationRollBackAlarm (103) Package: netw Raised on class: netw.NetworkElement	Severity: info Implicitly cleared: false Default probable cause: configurationRollBackOperationPerformed (1422)	<ul style="list-style-type: none"> • 2.1 • 3.0
Description: The alarm is raised when a configuration rollback operation is performed.		
Remedial action: Informational - If rollback status indicates failed, then, the requested checkpoint might not be available or NE configuration might need to be restored.		

Table 20-27 ConfigurationRollBackStatus (rollback)

Alarm	Attributes	Applicable major releases
Name: ConfigurationRollBackStatus (3684) Type: configurationRollBackAlarm (103) Package: rollback Raised on class: rollback.RollbackNEInfo	Severity: info Implicitly cleared: false Default probable cause: configurationRollBackOperationPerformed (1422)	<ul style="list-style-type: none"> • 2.1 • 3.0
Description: The alarm is raised when a configuration rollback operation is performed.		
Remedial action: Informational - If rollback status indicates failed, then, the requested checkpoint might not be available or NE configuration might need to be restored.		

Table 20-28 ContainingEquipmentAdministrativelyDown

Alarm	Attributes	Applicable major releases
Name: ContainingEquipmentAdministrativelyDown (466) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.Port	Severity: minor Implicitly cleared: true Default probable cause: containingEquipmentAdministrativelyDown (330)	<ul style="list-style-type: none"> • 2.1 • 3.0
Description: The alarm is raised when the compositeEquipmentState attribute has a value of containingEquipmentAdministrativelyDown.		
Raising condition: (('Status' EQUAL 'Parent Admin Down') AND ('isTerminatable' EQUAL 'true'))		
Clearing condition: (('Status' NOT EQUAL 'Parent Admin Down') OR ('isTerminatable' NOT EQUAL 'true'))		
Remedial action: Informational - no corrective action required.		

Table 20-29 ContainingEquipmentMismatch

Alarm	Attributes	Applicable major releases
Name: ContainingEquipmentMismatch (464) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.Port	Severity: major Implicitly cleared: true Default probable cause: containingEquipmentMismatch (328)	<ul style="list-style-type: none"> • 2.1 • 3.0
Description: The alarm is raised when the compositeEquipmentState attribute has a value of containingEquipmentMismatch.		
Raising condition: (('Status' EQUAL 'Parent Type Mismatch') AND ('isTerminatable' EQUAL 'true'))		
Clearing condition: (('Status' NOT EQUAL 'Parent Type Mismatch') OR ('isTerminatable' NOT EQUAL 'true'))		
Remedial action: A configuration error has occurred which must be corrected. The card type configured for the slot identified in the alarm must match the installed card type.		

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Table 20-30 ContainingEquipmentOperationallyDown

Alarm	Attributes	Applicable major releases
Name: ContainingEquipmentOperationallyDown (465) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.Port	Severity: major Implicitly cleared: true Default probable cause: containingEquipmentDown (329)	<ul style="list-style-type: none"> • 2.1 • 3.0
Description: The alarm is raised when the compositeEquipmentState attribute has a value of containingEquipmentOperationallyDown.		
Raising condition: (('Status' EQUAL 'Parent Oper Down') AND ('isTerminatable' EQUAL 'true'))		
Clearing condition: (('Status' NOT EQUAL 'Parent Oper Down') OR ('isTerminatable' NOT EQUAL 'true'))		
Remedial action: The operational state of the equipment element indicated in the alarm is down. This may be due to the element's administrative state or it may indicate that the element has failed.		

Table 20-31 CorruptImageFile

Alarm	Attributes	Applicable major releases
Name: CorruptImageFile (171) Type: configurationAlarm (11) Package: mediation Raised on class: mediation.AbstractSoftwareFolderDescriptor	Severity: critical Implicitly cleared: true Default probable cause: invalidOrCorruptImageFile (134)	<ul style="list-style-type: none"> • 2.1 • 3.0
Description: The alarm is raised when one or more files in the 5620 SAM software image specified for a device software upgrade is invalid, corrupt or absent. The 5620 SAM validates a device software file set before it imports the file set and distributes it to an NE. Ensure that the file set downloads properly to the NE and is not tampered with before you re-attempt the upgrade. The alarm clears when a valid file set is on the NE and the 5620 SAM activates the software image in the file set.		
Raising condition: ('isImageValid' EQUAL 'false')		
Clearing condition: ('isImageValid' EQUAL 'true')		
Remedial action: The existing SW image in the SAM database should be replaced with an image that is known to be complete and valid.		

Table 20-32 CpmProtectionExceedEntry

Alarm	Attributes	Applicable major releases
Name: CpmProtectionExceedEntry (2925) Type: communications (87) Package: sitesecc Raised on class: sitesecc.CpmProtExcdEntry	Severity: warning Implicitly cleared: false Default probable cause: denialOfService (790)	<ul style="list-style-type: none"> • 2.1 • 3.0
Description: The alarm is raised when a MAC packet stream has exceeded its per-source limit.		
Raising condition: ('Number of Rate Violations' NOT EQUAL '0L')		

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Alarm	Attributes	Applicable major releases
<p>Remedial action: A device in the network is sending traffic to the NE at a rate which is higher than expected. The source of the traffic must be identified and if the behavior is undesired then the device should be disabled. It is also possible that the threshold has been configured at a level which is lower than acceptable in which case the configuration should be aligned with the traffic levels expected.</p>		

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Table 20-33 CpmProtectionExceedSapIpEntry

Alarm	Attributes	Applicable major releases
Name: CpmProtectionExceedSapIpEntry (3911) Type: communications (87) Package: sitesecc Raised on class: sitesecc.CpmProtExcdSapIpEntry	Severity: warning Implicitly cleared: false Default probable cause: denialOfService (790)	<ul style="list-style-type: none"> • 2.1 • 3.0
<p>Description: The alarm is raised when an IP packet stream has exceeded the per-source limit.</p>		
<p>Raising condition: ('Number of Rate Violations' NOT EQUAL '0L')</p>		
<p>Remedial action: A device in the network is sending traffic to the NE at a rate which is higher than expected. The source of the traffic must be identified and if the behavior is undesired then the device should be disabled. It is also possible that the threshold has been configured at a level which is lower than acceptable in which case the configuration should be aligned with the traffic levels expected.</p>		

Table 20-34 CpmProtectionViolationIfEntry

Alarm	Attributes	Applicable major releases
Name: CpmProtectionViolationIfEntry (2926) Type: communications (87) Package: sitesecc Raised on class: sitesecc.CpmProtViolIfEntry	Severity: warning Implicitly cleared: false Default probable cause: denialOfService (790)	<ul style="list-style-type: none"> • 2.1 • 3.0
<p>Description: The alarm is raised when the link-specific packet arrival rate limit at the interface is violated.</p>		
<p>Raising condition: ('Number of Rate Violations' NOT EQUAL '0L')</p>		
<p>Remedial action: A device in the network is sending traffic to the NE at a rate which is higher than expected. The source of the traffic must be identified and if the behavior is undesired then the device should be disabled. It is also possible that the threshold has been configured at a level which is lower than acceptable in which case the configuration should be aligned with the traffic levels expected.</p>		

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Table 20-35 CpmProtectionViolationPortEntry

Alarm	Attributes	Applicable major releases
Name: CpmProtectionViolationPortEntry (2927) Type: communications (87) Package: sitesecc Raised on class: sitesecc.CpmProtViolPortEntry	Severity: warning Implicitly cleared: false Default probable cause: denialOfService (790)	<ul style="list-style-type: none"> • 2.1 • 3.0
Description: The alarm is raised when the link-specific packet arrival rate limit at the port is violated.		
Raising condition: (('Number of Per-port Violations' NOT EQUAL '0L') OR ('Number of Link-specific Violations' NOT EQUAL '0L'))		
Remedial action: A device in the network is sending traffic to the NE at a rate which is higher than expected. The source of the traffic must be identified and if the behavior is undesired then the device should be disabled. It is also possible that the threshold has been configured at a level which is lower that acceptable in which case the configuration should be align with the traffic levels expected.		

Table 20-36 CpmProtectionViolationSAPEntry

Alarm	Attributes	Applicable major releases
Name: CpmProtectionViolationSAPEntry (2928) Type: communications (87) Package: sitesecc Raised on class: sitesecc.CpmProtViolSapEntry	Severity: warning Implicitly cleared: false Default probable cause: denialOfService (790)	<ul style="list-style-type: none"> • 2.1 • 3.0
Description: The alarm is raised when the link-specific packet arrival rate limit at the SAP is violated.		
Raising condition: ('Number of Rate Violations' NOT EQUAL '0L')		
Remedial action: A device in the network is sending traffic to the NE at a rate which is higher than expected. The source of the traffic must be identified and if the behavior is undesired then the device should be disabled. It is also possible that the threshold has been configured at a level which is lower that acceptable in which case the configuration should be align with the traffic levels expected.		

Table 20-37 CpmProtectionViolationSDPEntry

Alarm	Attributes	Applicable major releases
Name: CpmProtectionViolationSDPEntry (5415) Type: communications (87) Package: sitesecc Raised on class: sitesecc.CpmProtViolSdpEntry	Severity: warning Implicitly cleared: false Default probable cause: denialOfService (790)	<ul style="list-style-type: none"> • 2.1 • 3.0
Description: The alarm is raised when the overall packet arrival rate limit at the SDP is violated.		
Raising condition: ('Number of Rate Violations' NOT EQUAL '0L')		
Remedial action: A device in the network is sending traffic to the NE at a rate which is higher than expected. The source of the traffic must be identified and if the behavior is undesired then the device should be disabled. It is also possible that the threshold has been configured at a level which is lower that acceptable in which case the configuration should be align with the traffic levels expected.		

Table 20-38 DDMAux1HighAlarm

Alarm	Attributes	Applicable major releases
Name: DDMAux1HighAlarm (495) Type: thresholdAlarm (49) Package: equipment Raised on class: equipment.AbstractDDM	Severity: major Implicitly cleared: true Default probable cause: aux1HighAlarm (381)	<ul style="list-style-type: none"> • 2.1 • 3.0
Description: The alarm is raised when the manufacturer-specific Auxiliary 1 of the XFP reaches the maximum threshold value.		
Raising condition: ('failedThresholds'anyBit'Aux1 High Alarm')		
Clearing condition: NOT (('failedThresholds'anyBit'Aux1 High Alarm'))		
Remedial action: Informational. Check the environmental parameters of the transceiver and ensure that it is not faulty.		

Table 20-39 DDMAux1HighWarning

Alarm	Attributes	Applicable major releases
Name: DDMAux1HighWarning (494) Type: thresholdAlarm (49) Package: equipment Raised on class: equipment.AbstractDDM	Severity: warning Implicitly cleared: true Default probable cause: aux1HighWarning (380)	<ul style="list-style-type: none"> • 2.1 • 3.0
Description: The alarm is raised when the manufacturer-specific Auxiliary 1 of the XFP approaches the maximum threshold value.		
Raising condition: ('failedThresholds'anyBit'Aux1 High Warning')		
Clearing condition: NOT (('failedThresholds'anyBit'Aux1 High Warning'))		
Remedial action: Informational. Check the environmental parameters of the transceiver and ensure that it is not faulty.		

Table 20-40 DDMAux1LowAlarm

Alarm	Attributes	Applicable major releases
Name: DDMAux1LowAlarm (493) Type: thresholdAlarm (49) Package: equipment Raised on class: equipment.AbstractDDM	Severity: major Implicitly cleared: true Default probable cause: aux1LowAlarm (379)	<ul style="list-style-type: none"> • 2.1 • 3.0
Description: The alarm is raised when the manufacturer-specific Auxiliary 1 of the XFP reaches the minimum threshold value.		
Raising condition: ('failedThresholds'anyBit'Aux1 Low Alarm')		
Clearing condition: NOT (('failedThresholds'anyBit'Aux1 Low Alarm'))		
Remedial action: Informational. Check the environmental parameters of the transceiver and ensure that it is not faulty.		

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Table 20-41 DDMAux1LowWarning

Alarm	Attributes	Applicable major releases
Name: DDMAux1LowWarning (492) Type: thresholdAlarm (49) Package: equipment Raised on class: equipment.AbstractDDM	Severity: warning Implicitly cleared: true Default probable cause: aux1LowWarning (378)	<ul style="list-style-type: none"> • 2.1 • 3.0
Description: The alarm is raised when the manufacturer-specific Auxiliary 1 of the XFP approaches the minimum threshold value.		
Raising condition: ('failedThresholds'anyBit'Aux1 Low Warning')		
Clearing condition: NOT (('failedThresholds'anyBit'Aux1 Low Warning'))		
Remedial action: Informational. Check the environmental parameters of the transceiver and ensure that it is not faulty.		

Table 20-42 DDMAux2HighAlarm

Alarm	Attributes	Applicable major releases
Name: DDMAux2HighAlarm (499) Type: thresholdAlarm (49) Package: equipment Raised on class: equipment.AbstractDDM	Severity: major Implicitly cleared: true Default probable cause: aux2HighAlarm (385)	<ul style="list-style-type: none"> • 2.1 • 3.0
Description: The alarm is raised when the manufacturer-specific Auxiliary 2 of the XFP reaches the maximum threshold value.		
Raising condition: ('failedThresholds'anyBit'Aux2 High Alarm')		
Clearing condition: NOT (('failedThresholds'anyBit'Aux2 High Alarm'))		
Remedial action: Informational. Check the environmental parameters of the transceiver and ensure that it is not faulty.		

Table 20-43 DDMAux2HighWarning

Alarm	Attributes	Applicable major releases
Name: DDMAux2HighWarning (498) Type: thresholdAlarm (49) Package: equipment Raised on class: equipment.AbstractDDM	Severity: warning Implicitly cleared: true Default probable cause: aux2HighWarning (384)	<ul style="list-style-type: none"> • 2.1 • 3.0
Description: The alarm is raised when the manufacturer-specific Auxiliary 2 of the XFP approaches the maximum threshold value.		
Raising condition: ('failedThresholds'anyBit'Aux2 High Warning')		
Clearing condition: NOT (('failedThresholds'anyBit'Aux2 High Warning'))		
Remedial action: Informational. Check the environmental parameters of the transceiver and ensure that it is not faulty.		

Table 20-44 DDMAux2LowAlarm

Alarm	Attributes	Applicable major releases
Name: DDMAux2LowAlarm (497) Type: thresholdAlarm (49) Package: equipment Raised on class: equipment.AbstractDDM	Severity: major Implicitly cleared: true Default probable cause: aux2LowAlarm (383)	<ul style="list-style-type: none"> • 2.1 • 3.0
Description: The alarm is raised when the manufacturer-specific Auxiliary 2 of the XFP reaches the minimum threshold value.		
Raising condition: ('failedThresholds'anyBit'Aux2 Low Alarm')		
Clearing condition: NOT (('failedThresholds'anyBit'Aux2 Low Alarm'))		
Remedial action: Informational. Check the environmental parameters of the transceiver and ensure that it is not faulty.		

Table 20-45 DDMAux2LowWarning

Alarm	Attributes	Applicable major releases
Name: DDMAux2LowWarning (496) Type: communicatiothresholdAlarmnsAlarm (50) Package: equipment Raised on class: equipment.AbstractDDM	Severity: warning Implicitly cleared: true Default probable cause: aux2LowWarning (382)	<ul style="list-style-type: none"> • 2.1 • 3.0
Description: The alarm is raised when the manufacturer-specific Auxiliary 2 of the XFP approaches the minimum threshold value.		
Raising condition: ('failedThresholds'anyBit'Aux2 Low Warning')		
Clearing condition: NOT (('failedThresholds'anyBit'Aux2 Low Warning'))		
Remedial action: Informational. Check the environmental parameters of the transceiver and ensure that it is not faulty.		

Table 20-46 DDMRxOpticalPowerHighAlarm

Alarm	Attributes	Applicable major releases
Name: DDMRxOpticalPowerHighAlarm (491) Type: thresholdAlarm (49) Package: equipment Raised on class: equipment.AbstractDDM	Severity: major Implicitly cleared: true Default probable cause: rxOpticalPowerHighAlarm (377)	<ul style="list-style-type: none"> • 2.1 • 3.0
Description: The alarm is raised when the received optical power of an SFP or XFP reaches the maximum threshold value.		
Raising condition: ('failedThresholds'anyBit'Rx Optical Power High Alarm')		
Clearing condition: NOT (('failedThresholds'anyBit'Rx Optical Power High Alarm'))		
Remedial action: Informational. Check the environmental parameters of the transceiver and ensure that it is not faulty.		

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Table 20-47 DDMRxOpticalPowerHighWarning

Alarm	Attributes	Applicable major releases
Name: DDMRxOpticalPowerHighWarning (490) Type: thresholdAlarm (49) Package: equipment Raised on class: equipment.AbstractDDM	Severity: warning Implicitly cleared: true Default probable cause: rxOpticalPowerHighWarning (376)	<ul style="list-style-type: none"> • 2.1 • 3.0
Description: The alarm is raised when the received optical power of an SFP or XFP approaches the maximum threshold value.		
Raising condition: ('failedThresholds'anyBit'Rx Optical Power High Warning')		
Clearing condition: NOT (('failedThresholds'anyBit'Rx Optical Power High Warning'))		
Remedial action: Informational. Check the environmental parameters of the transceiver and ensure that it is not faulty.		

Table 20-48 DDMRxOpticalPowerLowAlarm

Alarm	Attributes	Applicable major releases
Name: DDMRxOpticalPowerLowAlarm (489) Type: thresholdAlarm (49) Package: equipment Raised on class: equipment.AbstractDDM	Severity: major Implicitly cleared: true Default probable cause: rxOpticalPowerLowAlarm (375)	<ul style="list-style-type: none"> • 2.1 • 3.0
Description: The alarm is raised when the received optical power of an SFP or XFP reaches the minimum threshold value.		
Raising condition: ('failedThresholds'anyBit'Rx Optical Power Low Alarm')		
Clearing condition: NOT (('failedThresholds'anyBit'Rx Optical Power Low Alarm'))		
Remedial action: Informational. Check the environmental parameters of the transceiver and ensure that it is not faulty.		

Table 20-49 DDMRxOpticalPowerLowWarning

Alarm	Attributes	Applicable major releases
Name: DDMRxOpticalPowerLowWarning (488) Type: thresholdAlarm (49) Package: equipment Raised on class: equipment.AbstractDDM	Severity: warning Implicitly cleared: true Default probable cause: rxOpticalPowerLowWarning (374)	<ul style="list-style-type: none"> • 2.1 • 3.0
Description: The alarm is raised when the received optical power of an SFP or XFP approaches the minimum threshold value.		
Raising condition: ('failedThresholds'anyBit'Rx Optical Power Low Warning')		
Clearing condition: NOT (('failedThresholds'anyBit'Rx Optical Power Low Warning'))		
Remedial action: Informational. Check the environmental parameters of the transceiver and ensure that it is not faulty.		

Table 20-50 DDMSupplyVoltageHighAlarm

Alarm	Attributes	Applicable major releases
Name: DDMSupplyVoltageHighAlarm (479) Type: thresholdAlarm (49) Package: equipment Raised on class: equipment.AbstractDDM	Severity: major Implicitly cleared: true Default probable cause: supplyVoltageHighAlarm (365)	<ul style="list-style-type: none"> • 2.1 • 3.0
Description: The alarm is raised when the supply voltage of an SFP or XFP reaches the maximum threshold value.		
Raising condition: ('failedThresholds'anyBit'Supply Voltage High Alarm')		
Clearing condition: NOT (('failedThresholds'anyBit'Supply Voltage High Alarm'))		
Remedial action: Informational. Check the environmental parameters of the transceiver and ensure that it is not faulty.		

Table 20-51 DDMSupplyVoltageHighWarning

Alarm	Attributes	Applicable major releases
Name: DDMSupplyVoltageHighWarning (478) Type: thresholdAlarm (49) Package: equipment Raised on class: equipment.AbstractDDM	Severity: warning Implicitly cleared: true Default probable cause: supplyVoltageHighWarning (364)	<ul style="list-style-type: none"> • 2.1 • 3.0
Description: The alarm is raised when the supply voltage of an SFP or XFP approaches the maximum threshold value.		
Raising condition: ('failedThresholds'anyBit'Supply Voltage High Warning')		
Clearing condition: NOT (('failedThresholds'anyBit'Supply Voltage High Warning'))		
Remedial action: Informational. Check the environmental parameters of the transceiver and ensure that it is not faulty.		

Table 20-52 DDMSupplyVoltageLowAlarm

Alarm	Attributes	Applicable major releases
Name: DDMSupplyVoltageLowAlarm (477) Type: thresholdAlarm (49) Package: equipment Raised on class: equipment.AbstractDDM	Severity: major Implicitly cleared: true Default probable cause: supplyVoltageLowAlarm (363)	<ul style="list-style-type: none"> • 2.1 • 3.0
Description: The alarm is raised when the supply voltage of an SFP or XFP reaches the maximum threshold value.		
Raising condition: ('failedThresholds'anyBit'Supply Voltage Low Alarm')		
Clearing condition: NOT (('failedThresholds'anyBit'Supply Voltage Low Alarm'))		
Remedial action: Informational. Check the environmental parameters of the transceiver and ensure that it is not faulty.		

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Table 20-53 DDMSupplyVoltageLowWarning

Alarm	Attributes	Applicable major releases
Name: DDMSupplyVoltageLowWarning (476) Type: thresholdAlarm (49) Package: equipment Raised on class: equipment.AbstractDDM	Severity: warning Implicitly cleared: true Default probable cause: supplyVoltageLowWarning (362)	<ul style="list-style-type: none"> • 2.1 • 3.0
Description: The alarm is raised when the supply voltage of an SFP or XFP approaches the maximum threshold value.		
Raising condition: ('failedThresholds'anyBit'Supply Voltage Low Warning')		
Clearing condition: NOT (('failedThresholds'anyBit'Supply Voltage Low Warning'))		
Remedial action: Informational. Check the environmental parameters of the transceiver and ensure that it is not faulty.		

Table 20-54 DDMTemperatureHighAlarm

Alarm	Attributes	Applicable major releases
Name: DDMTemperatureHighAlarm (475) Type: thresholdAlarm (49) Package: equipment Raised on class: equipment.AbstractDDM	Severity: major Implicitly cleared: true Default probable cause: temperatureHighAlarm (361)	<ul style="list-style-type: none"> • 2.1 • 3.0
Description: The alarm is raised when the temperature of an SFP or XFP reaches the maximum threshold value.		
Raising condition: ('failedThresholds'anyBit'Temperature High Alarm')		
Clearing condition: NOT (('failedThresholds'anyBit'Temperature High Alarm'))		
Remedial action: Informational. Check the environmental parameters of the transceiver and ensure that it is not faulty.		

Table 20-55 DDMTemperatureHighWarning

Alarm	Attributes	Applicable major releases
Name: DDMTemperatureHighWarning (474) Type: thresholdAlarm (49) Package: equipment Raised on class: equipment.AbstractDDM	Severity: warning Implicitly cleared: true Default probable cause: temperatureHighWarning (360)	<ul style="list-style-type: none"> • 2.1 • 3.0
Description: The alarm is raised when the temperature of an SFP or XFP approaches the maximum threshold value.		
Raising condition: ('failedThresholds'anyBit'Temperature High Warning')		
Clearing condition: NOT (('failedThresholds'anyBit'Temperature High Warning'))		
Remedial action: Informational. Check the environmental parameters of the transceiver and ensure that it is not faulty.		

Table 20-56 DDMTemperatureLowAlarm

Alarm	Attributes	Applicable major releases
Name: DDMTemperatureLowAlarm (473) Type: thresholdAlarm (49) Package: equipment Raised on class: equipment.AbstractDDM	Severity: major Implicitly cleared: true Default probable cause: temperatureLowAlarm (359)	<ul style="list-style-type: none"> • 2.1 • 3.0
Description: The alarm is raised when the temperature of an SFP or XFP reaches the maximum threshold value.		
Raising condition: ('failedThresholds'anyBit'Temperature Low Alarm')		
Clearing condition: NOT (('failedThresholds'anyBit'Temperature Low Alarm'))		
Remedial action: Informational. Check the environmental parameters of the transceiver and ensure that it is not faulty.		

Table 20-57 DDMTemperatureLowWarning

Alarm	Attributes	Applicable major releases
Name: DDMTemperatureLowWarning (472) Type: thresholdAlarm (49) Package: equipment Raised on class: equipment.AbstractDDM	Severity: warning Implicitly cleared: true Default probable cause: temperatureLowWarning (358)	<ul style="list-style-type: none"> • 2.1 • 3.0
Description: The alarm is raised when the temperature of an SFP or XFP approaches the maximum threshold value.		
Raising condition: ('failedThresholds'anyBit'Temperature Low Warning')		
Clearing condition: NOT (('failedThresholds'anyBit'Temperature Low Warning'))		
Remedial action: Informational. Check the environmental parameters of the transceiver and ensure that it is not faulty.		

Table 20-58 DDMTxBiasCurrentHighAlarm

Alarm	Attributes	Applicable major releases
Name: DDMTxBiasCurrentHighAlarm (483) Type: thresholdAlarm (49) Package: equipment Raised on class: equipment.AbstractDDM	Severity: major Implicitly cleared: true Default probable cause: txBiasCurrentHighAlarm (369)	<ul style="list-style-type: none"> • 2.1 • 3.0
Description: The alarm is raised when the transmit bias current of an SFP or XFP reaches the maximum threshold value.		
Raising condition: ('failedThresholds'anyBit'Tx Bias Current High Alarm')		
Clearing condition: NOT (('failedThresholds'anyBit'Tx Bias Current High Alarm'))		
Remedial action: Informational. Check the environmental parameters of the transceiver and ensure that it is not faulty.		

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Table 20-59 DDMTxBiasCurrentHighWarning

Alarm	Attributes	Applicable major releases
Name: DDMTxBiasCurrentHighWarning (482) Type: thresholdAlarm (49) Package: equipment Raised on class: equipment.AbstractDDM	Severity: warning Implicitly cleared: true Default probable cause: txBiasCurrentHighWarning (368)	<ul style="list-style-type: none"> • 2.1 • 3.0
Description: The alarm is raised when the transmit bias current of an SFP or XFP approaches the maximum threshold value.		
Raising condition: ('failedThresholds'anyBit'Tx Bias Current High Warning')		
Clearing condition: NOT (('failedThresholds'anyBit'Tx Bias Current High Warning'))		
Remedial action: Informational. Check the environmental parameters of the transceiver and ensure that it is not faulty.		

Table 20-60 DDMTxBiasCurrentLowAlarm

Alarm	Attributes	Applicable major releases
Name: DDMTxBiasCurrentLowAlarm (481) Type: thresholdAlarm (49) Package: equipment Raised on class: equipment.AbstractDDM	Severity: major Implicitly cleared: true Default probable cause: txBiasCurrentLowAlarm (367)	<ul style="list-style-type: none"> • 2.1 • 3.0
Description: The alarm is raised when the transmit bias current of an SFP or XFP reaches the maximum threshold value.		
Raising condition: ('failedThresholds'anyBit'Tx Bias Current Low Alarm')		
Clearing condition: NOT (('failedThresholds'anyBit'Tx Bias Current Low Alarm'))		
Remedial action: Informational. Check the environmental parameters of the transceiver and ensure that it is not faulty.		

Table 20-61 DDMTxBiasCurrentLowWarning

Alarm	Attributes	Applicable major releases
Name: DDMTxBiasCurrentLowWarning (480) Type: thresholdAlarm (49) Package: equipment Raised on class: equipment.AbstractDDM	Severity: warning Implicitly cleared: true Default probable cause: txBiasCurrentLowWarning (366)	<ul style="list-style-type: none"> • 2.1 • 3.0
Description: The alarm is raised when the transmit bias current of an SFP or XFP approaches the maximum threshold value.		
Raising condition: ('failedThresholds'anyBit'Tx Bias Current Low Warning')		
Clearing condition: NOT (('failedThresholds'anyBit'Tx Bias Current Low Warning'))		
Remedial action: Informational. Check the environmental parameters of the transceiver and ensure that it is not faulty.		

Table 20-62 DDMTxOutputPowerHighAlarm

Alarm	Attributes	Applicable major releases
Name: DDMTxOutputPowerHighAlarm (487) Type: thresholdAlarm (49) Package: equipment Raised on class: equipment.AbstractDDM	Severity: major Implicitly cleared: true Default probable cause: txOutputPowerHighAlarm (373)	<ul style="list-style-type: none"> • 2.1 • 3.0
Description: The alarm is raised when the output power of an SFP or XFP reaches the maximum threshold value.		
Raising condition: ('failedThresholds'anyBit'Tx Output Power High Alarm')		
Clearing condition: NOT (('failedThresholds'anyBit'Tx Output Power High Alarm'))		
Remedial action: Informational. Check the environmental parameters of the transceiver and ensure that it is not faulty.		

Table 20-63 DDMTxOutputPowerHighWarning

Alarm	Attributes	Applicable major releases
Name: DDMTxOutputPowerHighWarning (486) Type: thresholdAlarm (49) Package: equipment Raised on class: equipment.AbstractDDM	Severity: warning Implicitly cleared: true Default probable cause: txOutputPowerHighWarning (372)	<ul style="list-style-type: none"> • 2.1 • 3.0
Description: The alarm is raised when the output power of an SFP or XFP approaches the maximum threshold value.		
Raising condition: ('failedThresholds'anyBit'Tx Output Power High Warning')		
Clearing condition: NOT (('failedThresholds'anyBit'Tx Output Power High Warning'))		
Remedial action: Informational. Check the environmental parameters of the transceiver and ensure that it is not faulty.		

Table 20-64 DDMTxOutputPowerLowAlarm

Alarm	Attributes	Applicable major releases
Name: DDMTxOutputPowerLowAlarm (485) Type: thresholdAlarm (49) Package: equipment Raised on class: equipment.AbstractDDM	Severity: major Implicitly cleared: true Default probable cause: txOutputPowerLowAlarm (371)	<ul style="list-style-type: none"> • 2.1 • 3.0
Description: The alarm is raised when the output power of an SFP or XFP reaches the maximum threshold value.		
Raising condition: ('failedThresholds'anyBit'Tx Output Power Low Alarm')		
Clearing condition: NOT (('failedThresholds'anyBit'Tx Output Power Low Alarm'))		
Remedial action: Informational. Check the environmental parameters of the transceiver and ensure that it is not faulty.		

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Table 20-65 DDMtxOutputPowerLowWarning

Alarm	Attributes	Applicable major releases
Name: DDMtxOutputPowerLowWarning (484) Type: thresholdAlarm (49) Package: equipment Raised on class: equipment.AbstractDDM	Severity: warning Implicitly cleared: true Default probable cause: txOutputPowerLowWarning (370)	<ul style="list-style-type: none"> • 2.1 • 3.0
Description: The alarm is raised when the output power of an SFP or XFP approaches the maximum threshold value.		
Raising condition: ('failedThresholds'anyBit'Tx Output Power Low Warning')		
Clearing condition: NOT (('failedThresholds'anyBit'Tx Output Power Low Warning'))		
Remedial action: Informational. Check the environmental parameters of the transceiver and ensure that it is not faulty.		

Table 20-66 downgradedCardAlarm

Alarm	Attributes	Applicable major releases
Name: downgradedCardAlarm (256) Type: softwareAlarm (19) Package: equipment Raised on class: equipment.Card	Severity: warning Implicitly cleared: true Default probable cause: downgradedCard (195)	<ul style="list-style-type: none"> • 2.1 • 3.0
Description: The alarm is raised when an IOM is not upgraded or reset after a device software upgrade of both CPMs. A device resets an IOM automatically after 120 minutes if the IOM is not manually reset after a CPM upgrade.		
Raising condition: ('operationalState' EQUAL 'Downgrade')		
Clearing condition: ('operationalState' EQUAL 'Up')		
Remedial action: Informational - no corrective action required.		

Table 20-67 EfmOamAlarm

Alarm	Attributes	Applicable major releases
Name: EfmOamAlarm (4617) Type: equipmentAlarm (3) Package: ethernetequipment Raised on class: ethernetequipment.Dot3Oam	Severity: minor Implicitly cleared: true Default probable cause: EFMOAMOperationalStateOutOfService (1886)	<ul style="list-style-type: none"> • 2.1 • 3.0
Description: The alarm is raised when EFM Ignore status is Enabled, and Physical port Administrative State is Down.		
Raising condition: ('Ignore EFM State' EQUAL 'true')		
Clearing condition: ('Ignore EFM State' EQUAL 'true')		
Remedial action: The alarm is raised when EFM Ignore status is Enabled, and Physical port Administrative State is Down.		

Table 20-68 EquipmentAdministrativelyDown

Alarm	Attributes	Applicable major releases
Name: EquipmentAdministrativelyDown (455) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.Equipment	Severity: minor Implicitly cleared: true Default probable cause: equipmentAdministrativelyDown (326)	<ul style="list-style-type: none"> • 2.1 • 3.0
Description: The alarm is raised when the compositeEquipmentState attribute has a value of equipmentAdministrativelyDown.		
Raising condition: ('compositeEquipmentState' EQUAL 'Admin Down')		
Clearing condition: ('compositeEquipmentState' NOT EQUAL 'Admin Down')		
Remedial action: Informational - no corrective action required.		

Table 20-69 EquipmentDegraded

Alarm	Attributes	Applicable major releases
Name: EquipmentDegraded (604) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.FanTray	Severity: minor Implicitly cleared: true Default probable cause: singleFanFailure (450)	<ul style="list-style-type: none"> • 2.1 • 3.0
Description: The alarm is raised when a single fan fails. The chassis attempts to continue operating within the normal temperature range using only the remaining fans.		
Raising condition: ('Device State' EQUAL 'MinorFailure')		
Clearing condition: ('Device State' NOT EQUAL 'MinorFailure')		
Remedial action: The failed fan unit should be replaced.		

Table 20-70 EquipmentDown

Alarm	Attributes	Applicable major releases
Name: EquipmentDown (10) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.Equipment	Severity: major Implicitly cleared: true Default probable cause: inoperableEquipment (8)	<ul style="list-style-type: none"> • 2.1 • 3.0
Description: The alarm is raised when the compositeEquipmentState attribute has a value of equipmentOperationallyDown.		
Raising condition: ('compositeEquipmentState' EQUAL 'Oper Down')		
Clearing condition: ('compositeEquipmentState' NOT EQUAL 'Oper Down')		
Remedial action: This alarm indicates that a card in the NE has failed. The card must be replaced.		

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Table 20-71 EquipmentFailure

Alarm	Attributes	Applicable major releases
Name: EquipmentFailure (145) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.ReplaceableUnit	Severity: critical Implicitly cleared: true Default probable cause: cardFailure (123)	<ul style="list-style-type: none"> • 2.1 • 3.0
Description: The alarm is raised when a control processor or power-supply tray reports a failure. When the object type is ControlProcessor, a CPM may be unable to boot. When the object type is Power Supply Tray and the alarm is raised during device discovery, a power-supply tray may be out of service. When the object type is a Power Supply Tray and the device is in the managed state, a power-supply tray may be out of service or the AC power shelf has a fault condition. The alarm clears when the status changes to OK.		
Raising condition: ('operationalState' EQUAL 'Failed')		
Clearing condition: ('operationalState' NOT EQUAL 'Failed')		
Remedial action: If the alarm indicates that the CPM card has a fault, remove the card and reset it. If this does not clear the alarm then please contact Alcatel-Lucent support for assistance. If the alarm indicates that the Power Supply tray is out of service ensure that the NE is properly connected to power. If the problem persists please contact Alcatel-Lucent support for assistance.		

Table 20-72 EquipmentInTest

Alarm	Attributes	Applicable major releases
Name: EquipmentInTest (11) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.Equipment	Severity: warning Implicitly cleared: true Default probable cause: equipmentInTest (9)	<ul style="list-style-type: none"> • 2.1 • 3.0
Description: The alarm is raised when equipment enters a diagnostic state.		
Raising condition: ('compositeEquipmentState' EQUAL 'In Test')		
Clearing condition: ('compositeEquipmentState' NOT EQUAL 'In Test')		
Remedial action: Informational - no corrective action required.		

Table 20-73 EquipmentMismatch

Alarm	Attributes	Applicable major releases
Name: EquipmentMismatch (9) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.Equipment	Severity: major Implicitly cleared: true Default probable cause: equipmentTypeMismatch (7)	<ul style="list-style-type: none"> • 2.1 • 3.0
Description: The alarm is raised when the compositeEquipmentState attribute has a value of equipmentMismatch.		
Raising condition: ('compositeEquipmentState' EQUAL 'Type Mismatch')		
Clearing condition: ('compositeEquipmentState' NOT EQUAL 'Type Mismatch')		

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Alarm	Attributes	Applicable major releases
Remedial action: A configuration error has occurred which must be corrected. The card type configured for the slot identified in the alarm must match the installed card type.		

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Table 20-74 EquipmentRemoved

Alarm	Attributes	Applicable major releases
Name: EquipmentRemoved (8) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.Equipment	Severity: major Implicitly cleared: true Default probable cause: replaceableEquipmentRemoved (6)	<ul style="list-style-type: none"> • 2.1 • 3.0
Description: The alarm is raised when the compositeEquipmentState attribute has a value of equipmentMissing.		
Raising condition: (((('isEquipped' EQUAL 'false') OR ('compositeEquipmentState' EQUAL 'Removed')) AND ('isEquipmentInserted' EQUAL 'true')))		
Clearing condition: (('compositeEquipmentState' NOT EQUAL 'Removed') AND ('isEquipped' EQUAL 'true'))		
Remedial action: Informational - this alarm is raised when a card is removed.		

Table 20-75 EthernetPortConfiguredLoopback

Alarm	Attributes	Applicable major releases
Name: EthernetPortConfiguredLoopback (801) Type: configurationAlarm (11) Package: ethernetequipment Raised on class: ethernetequipment.EthernetPortSpecifics	Severity: warning Implicitly cleared: true Default probable cause: ethernetPortConfiguredLoopback (567)	<ul style="list-style-type: none"> • 2.1 • 3.0
Description: The alarm is raised when a timed loopback is in effect for an Ethernet port.		
Raising condition: (('Type' NOT EQUAL 'None'))		
Clearing condition: (('Type' EQUAL 'None'))		
Remedial action: This alarm has been raised by the node because "Timed Loopback" option of the specific port's Ethernet property has been enabled. To resolve this problem from "Ethernet" tab of "Physical Port" properties form configure "Timed Loopback" Type property as "None".		

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Table 20-76 EthernetPortDuplicateLane

Alarm	Attributes	Applicable major releases
Name: EthernetPortDuplicateLane (3557) Type: communicationsAlarm (4) Package: ethernetequipment Raised on class: ethernetequipment.EthernetPortSpecifics	Severity: major Implicitly cleared: true Default probable cause: DuplicateLane (1387)	<ul style="list-style-type: none"> • 2.1 • 3.0
Description: The alarm is raised when a device reports a Duplicate Lane on an Ethernet port.		
Raising condition: (('Outstanding Alarms'anyBit'Duplicate Lane') AND ('Report Alarms'anyBit'Duplicate Lane'))		
Clearing condition: NOT (('Outstanding Alarms'anyBit'Duplicate Lane') AND ('Report Alarms'anyBit'Duplicate Lane'))		
Remedial action: One of the following conditions exists on the referenced physical interface which must be corrected. A cable/fiber fault exists which must be corrected - check to ensure that the cable is not faulty and is properly connected. The port is faulty - run diagnostics on the port to determine the nature of the fault. If the problem cannot be resolved swap the card containing the port with a card which is known be functional.		

Table 20-77 EthernetPortHighBer

Alarm	Attributes	Applicable major releases
Name: EthernetPortHighBer (307) Type: communicationsAlarm (4) Package: ethernetequipment Raised on class: ethernetequipment.EthernetPortSpecifics	Severity: major Implicitly cleared: true Default probable cause: HighBer (238)	<ul style="list-style-type: none"> • 2.1 • 3.0
Description: The alarm is raised when a device reports a high bit-error rate on an Ethernet port.		
Raising condition: (('Outstanding Alarms'anyBit'High Bit Error Rate') AND ('Report Alarms'anyBit'High Bit Error Rate'))		
Clearing condition: NOT (('Outstanding Alarms'anyBit'High Bit Error Rate') AND ('Report Alarms'anyBit'High Bit Error Rate'))		
Remedial action: One of the following conditions exists on the physical interface which must be corrected. A cable/fiber fault exists which must be corrected - check to ensure that the cable is not faulty and is properly connected. The port is faulty - run diagnostics on the port to determine the nature of the fault.		

Table 20-78 EthernetPortLocalFault

Alarm	Attributes	Applicable major releases
Name: EthernetPortLocalFault (305) Type: communicationsAlarm (4) Package: ethernetequipment Raised on class: ethernetequipment.EthernetPortSpecifics	Severity: major Implicitly cleared: true Default probable cause: LocalFault (236)	<ul style="list-style-type: none"> • 2.1 • 3.0
Description: The alarm is raised when a device reports a local fault on an Ethernet port.		
Raising condition: (('Outstanding Alarms'anyBit'Local Fault') AND ('Report Alarms'anyBit'Local Fault'))		

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Alarm	Attributes	Applicable major releases
Clearing condition: NOT (((('Outstanding Alarms'anyBit'Local Fault') AND ('Report Alarms'anyBit'Local Fault'))))		
Remedial action: One of the following conditions exists on the physical interface which must be corrected. A cable/fiber fault exists which must be corrected - check to ensure that the cable is not faulty and is properly connected. The port is faulty - run diagnostics on the port to determine the nature of the fault.		

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Table 20-79 EthernetPortNoAmLock

Alarm	Attributes	Applicable major releases
Name: EthernetPortNoAmLock (3558) Type: communicationsAlarm (4) Package: ethernetequipment Raised on class: ethernetequipment.EthernetPortSpecifics	Severity: major Implicitly cleared: true Default probable cause: NoAmLock (1388)	<ul style="list-style-type: none"> • 2.1 • 3.0
Description: The alarm is raised when a device reports a No Am Lock on an Ethernet port.		
Raising condition: (('Outstanding Alarms'anyBit'No AM Lock') AND ('Report Alarms'anyBit'No AM Lock'))		
Clearing condition: NOT (((('Outstanding Alarms'anyBit'No AM Lock') AND ('Report Alarms'anyBit'No AM Lock'))))		
Remedial action: One of the following conditions exists on the referenced physical interface which must be corrected. A cable/fiber fault exists which must be corrected - check to ensure that the cable is not faulty and is properly connected. The port is faulty - run diagnostics on the port to determine the nature of the fault. If the problem cannot be resolved swap the card containing the port with a card which is known be functional.		

Table 20-80 EthernetPortNoBlockLock

Alarm	Attributes	Applicable major releases
Name: EthernetPortNoBlockLock (3559) Type: communicationsAlarm (4) Package: ethernetequipment Raised on class: ethernetequipment.EthernetPortSpecifics	Severity: major Implicitly cleared: true Default probable cause: NoBlockLock (1389)	<ul style="list-style-type: none"> • 2.1 • 3.0
Description: The alarm is raised when a device reports a No Block Lock on an Ethernet port.		
Raising condition: (('Outstanding Alarms'anyBit'No Block Lock') AND ('Report Alarms'anyBit'No Block Lock'))		
Clearing condition: NOT (((('Outstanding Alarms'anyBit'No Block Lock') AND ('Report Alarms'anyBit'No Block Lock'))))		
Remedial action: One of the following conditions exists on the referenced physical interface which must be corrected. A cable/fiber fault exists which must be corrected - check to ensure that the cable is not faulty and is properly connected. The port is faulty - run diagnostics on the port to determine the nature of the fault. If the problem cannot be resolved swap the card containing the port with a card which is known be functional.		

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Table 20-81 EthernetPortNoFrameLock

Alarm	Attributes	Applicable major releases
Name: EthernetPortNoFrameLock (306) Type: communicationsAlarm (4) Package: ethernetequipment Raised on class: ethernetequipment.EthernetPortSpecifics	Severity: major Implicitly cleared: true Default probable cause: NoFrameLock (237)	<ul style="list-style-type: none"> • 2.1 • 3.0
Description: The alarm is raised when a device reports No Frame Lock on an Ethernet port.		
Raising condition: (('Outstanding Alarms'anyBit'No Frame Lock') AND ('Report Alarms'anyBit'No Frame Lock'))		
Clearing condition: NOT (('Outstanding Alarms'anyBit'No Frame Lock') AND ('Report Alarms'anyBit'No Frame Lock'))		
Remedial action: One of the following conditions exists on the physical interface which must be corrected. A cable/fiber fault exists which must be corrected - check to ensure that the cable is not faulty and is properly connected. The port is faulty - run diagnostics on the port to determine the nature of the fault.		

Table 20-82 EthernetPortRemoteFault

Alarm	Attributes	Applicable major releases
Name: EthernetPortRemoteFault (304) Type: communicationsAlarm (4) Package: ethernetequipment Raised on class: ethernetequipment.EthernetPortSpecifics	Severity: major Implicitly cleared: true Default probable cause: RemoteFault (235)	<ul style="list-style-type: none"> • 2.1 • 3.0
Description: The alarm is raised when a device reports a remote fault on an Ethernet port.		
Raising condition: (('Outstanding Alarms'anyBit'Remote Fault') AND ('Report Alarms'anyBit'Remote Fault'))		
Clearing condition: NOT (('Outstanding Alarms'anyBit'Remote Fault') AND ('Report Alarms'anyBit'Remote Fault'))		
Remedial action: One of the following conditions exists on the remote physical interface which must be corrected. A cable/fiber fault exists which must be corrected - check to ensure that the cable is not faulty and is properly connected. The port is faulty - run diagnostics on the port to determine the nature of the fault.		

Table 20-83 EthernetPortSignalFailure

Alarm	Attributes	Applicable major releases
Name: EthernetPortSignalFailure (303) Type: communicationsAlarm (4) Package: ethernetequipment Raised on class: ethernetequipment.EthernetPortSpecifics	Severity: major Implicitly cleared: true Default probable cause: SignalFailure (234)	<ul style="list-style-type: none"> • 2.1 • 3.0
Description: The alarm is raised when a device reports a signal failure on an Ethernet port.		
Raising condition: (('Outstanding Alarms'anyBit'Signal Failure') AND ('Report Alarms'anyBit'Signal Failure'))		

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Alarm	Attributes	Applicable major releases
Clearing condition: NOT (('Outstanding Alarms'anyBit'Signal Failure') AND ('Report Alarms'anyBit'Signal Failure'))		
Remedial action: One of the following conditions exists on the physical interface which must be corrected. A cable/fiber fault exists which must be corrected - check to ensure that the cable is not faulty and is properly connected. The port is faulty - run diagnostics on the port to determine the nature of the fault.		

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Table 20-84 ExternalTimingReferenceNotQualified

Alarm	Attributes	Applicable major releases
Name: ExternalTimingReferenceNotQualified (548) Type: communicationsAlarm (4) Package: sonet Raised on class: sonet.SiteSync	Severity: minor Implicitly cleared: true Default probable cause: timingReferenceNotQualified (418)	<ul style="list-style-type: none"> • 2.1 • 3.0
Description: The alarm is raised when the External timing reference on an NE is not in the Qualified state.		
Raising condition: (('Qualified For Use' EQUAL 'Not Qualified') AND ('Administrative State' NOT EQUAL 'Down'))		
Clearing condition: (('Qualified For Use' NOT EQUAL 'Not Qualified') OR ('Administrative State' EQUAL 'Down'))		
Remedial action: Informational		

Table 20-85 FanFailure

Alarm	Attributes	Applicable major releases
Name: FanFailure (624) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.FanTray	Severity: critical Implicitly cleared: true Default probable cause: fanFailure (116)	<ul style="list-style-type: none"> • 2.1 • 3.0
Description: The alarm is raised when the associated fan is not operationally Up.		
Raising condition: (('Device State' EQUAL 'Failed') OR ('Device State' EQUAL 'Unknown') OR ('Device State' EQUAL 'OutOfservice'))		
Clearing condition: ('Device State' EQUAL 'OK')		
Remedial action: Remove and reset the fan unit. If this does not resolve the problem replace the fan.		

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Table 20-86 FanTrayRemoved

Alarm	Attributes	Applicable major releases
Name: FanTrayRemoved (569) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.FanTray	Severity: critical Implicitly cleared: true Default probable cause: FanTrayRemoved (438)	<ul style="list-style-type: none"> • 2.1 • 3.0
Description: The alarm is raised when the deviceState attribute has a value of deviceNotEquipped.		
Raising condition: ('Device State' EQUAL 'Not Equipped')		
Clearing condition: ('Device State' NOT EQUAL 'Not Equipped')		
Remedial action: Informational - a fan tray has been removed from the NE.		

Table 20-87 ForwardingTableSizeLimitReached

Alarm	Attributes	Applicable major releases
Name: ForwardingTableSizeLimitReached (164) Type: resourceAlarm (28) Package: I2fwd Raised on class: I2fwd.SiteFib	Severity: major Implicitly cleared: true Default probable cause: resourceLimitReached (131)	<ul style="list-style-type: none"> • 2.1 • 3.0
Description: The alarm is raised when the number of MAC address entries in the FIB reaches or exceeds the VPLS site high watermark specified by I2fwd.SiteFib.highWatermark. The alarm clears when the number of MAC address entries in the FIB drops below the VPLS site low watermark specified by I2fwd.SiteFib.lowWatermark. The alarm can be raised against a VPLS site, L2 access interface, or spoke SDP binding.		
Raising condition: (('Entries' >= 'Size') OR ('Entries' >= (('High Watermark' * 'Size') / 100.0)))		
Clearing condition: (('Entries' < 'Size') AND (('High Watermark' EQUAL '0L') OR ('Entries' < (('Low Watermark' * 'Size') / 100.0))) AND (('Low Watermark' EQUAL '0L') OR ('Entries' < (('Low Watermark' * 'Size') / 100.0)))		
Remedial action: Informational		

Table 20-88 FrameSizeProblem (netw)

Alarm	Attributes	Applicable major releases
Name: FrameSizeProblem (37) Type: configurationAlarm (11) Package: netw Raised on class: netw.StatefullConnectableInterface	Severity: critical Implicitly cleared: true Default probable cause: frameSizeProblem (33)	<ul style="list-style-type: none"> • 2.1 • 3.0
Description: The alarm is raised when a provisioned MTU size value is greater than the supported MTU size value.		
Raising condition: (('mtuMismatch' EQUAL 'true') AND ('portId' NOT EQUAL '0L'))		
Clearing condition: (('mtuMismatch' EQUAL 'false') OR ('portId' EQUAL '0L'))		

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Alarm	Attributes	Applicable major releases
Remedial action: A configuration error has been made which must be corrected. The MTU value must be changed such that is less than or equal to the supported MTU size value.		

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Table 20-89 FrameSizeProblem (svt)

Alarm	Attributes	Applicable major releases
Name: FrameSizeProblem (37) Type: configurationAlarm (11) Package: svt Raised on class: svt.SdpBinding	Severity: critical Implicitly cleared: true Default probable cause: frameSizeProblem (33)	<ul style="list-style-type: none"> • 2.1 • 3.0
Description: The alarm is raised when a provisioned MTU size value is greater than the supported MTU size value.		
Raising condition: (('Operational State' EQUAL 'MTU Mismatch') OR ('Operational State' EQUAL 'Tunnel MTU Too Small'))		
Clearing condition: (('Operational State' NOT EQUAL 'MTU Mismatch') AND ('Operational State' NOT EQUAL 'Tunnel MTU Too Small'))		
Remedial action: The MTU value must be changed such that is is less than or equal to the supported MTU size value.		

Table 20-90 GaPeerDown

Alarm	Attributes	Applicable major releases
Name: GaPeerDown (3303) Type: EpcAlarm (59) Package: Iteggnsn Raised on class: Iteggnsn.GaPeer	Severity: major Implicitly cleared: true Default probable cause: EPSPeerDown (602)	<ul style="list-style-type: none"> • 2.1 • 3.0
Description: The alarm is raised when the path management state of a Ga peer changes to a state other than Up.		
Raising condition: ('Path Management State' NOT EQUAL 'Active')		
Clearing condition: ('Path Management State' EQUAL 'Active')		
Remedial action: A Ga reference point (peer) is operationally down for one of the following reasons: the underlying IP or physical interface is down, the far end peer is down or the underlying transport between this NE and the peer NE is down. To resolve the issue ensure that the IP/physical interface is up, check that the far end peer is operational and check that the underlying transport network is up.		

Table 20-91 IgmpMaxSrcsLimitExceeded

Alarm	Attributes	Applicable major releases
Name: IgmpMaxSrcsLimitExceeded (3742) Type: configurationAlarm (11) Package: igmp Raised on class: igmp.Interface	Severity: major Implicitly cleared: false Default probable cause: IgmpMaxSrcsLimitExceeded (1477)	<ul style="list-style-type: none"> • 2.1 • 3.0
Description: The alarm is raised when an attempt is made to configure an IGMP source for a group when the number of sources for this group is equal to 'maxSources', the maximum number of sources per group supported on the interface.		
Remedial action: Needs to increase 'maxSources' value to allow more sources on this interface.		

Table 20-92 IncompleteConfiguration

Alarm	Attributes	Applicable major releases
Name: IncompleteConfiguration (1942) Type: operationalViolation (93) Package: netw Raised on class: netw.NetworkElement	Severity: warning Implicitly cleared: true Default probable cause: incompleteConfig (225)	<ul style="list-style-type: none"> • 2.1 • 3.0
Description: The alarm is raised when a pre-provisioned NE has no objects configured beneath it.		
Raising condition: (('State' EQUAL 'Pre-provisioned') AND ('eNodeB Equipment' EQUAL '\'))		
Clearing condition: (('State' EQUAL 'Pre-provisioned') AND ('eNodeB Equipment' NOT EQUAL '\'))		
Remedial action: A configuration error has been made which must be corrected. The configuration of the pre-provisioned NE is incomplete. A work order was not associated with the pre-provisioned NE and as a consequence the attempt to auto-configure the NE failed.		

Table 20-93 InstanceDown (srrp)

Alarm	Attributes	Applicable major releases
Name: InstanceDown (284) Type: configurationAlarm (11) Package: srrp Raised on class: srrp.Instance	Severity: major Implicitly cleared: true Default probable cause: instanceDown (216)	<ul style="list-style-type: none"> • 2.1 • 3.0
Description: The alarm is raised when the 5620 SAM detects that an SRRP instance is operationally down.		
Raising condition: (('Administrative State' EQUAL 'Up') AND ('Operational State' EQUAL 'Initialize'))		
Clearing condition: (('Operational State' NOT EQUAL 'Initialize') OR ('Administrative State' NOT EQUAL 'Up'))		
Remedial action: Check the configuration of the instance		

Table 20-94 InterfaceDown (netw)

Alarm	Attributes	Applicable major releases
Name: InterfaceDown (36) Type: InterfaceAlarm (13) Package: netw Raised on class: netw.StatefullConnectableInterface	Severity: critical Implicitly cleared: true Default probable cause: interfaceDown (32)	<ul style="list-style-type: none"> • 2.1 • 3.0
Description: The alarm is raised when an interface or underlying resource fails, as indicated by an interface compositeState attribute value of failed or underlyingResourceFailed.		
Raising condition: (('compositeState' EQUAL 'Inoperable') OR ('compositeState' EQUAL 'Underlying Resource Inoperable'))		
Clearing condition: (('compositeState' NOT EQUAL 'Inoperable') AND ('compositeState' NOT EQUAL 'Underlying Resource Inoperable'))		
Remedial action: A physical port (physical interface, LAG, channel) associated with the network interface in not operation. Ensure that the interface is cabled and that there is not a configuration error (i.e. MTU size set incorrectly) on the interface. Once the issue w		

Table 20-95 InterfaceDown (vpls)

Alarm	Attributes	Applicable major releases
Name: InterfaceDown (36) Type: configurationAlarm (11) Package: vpls Raised on class: vpls.L2ManagementInterface	Severity: major Implicitly cleared: true Default probable cause: interfaceDown (32)	<ul style="list-style-type: none"> • 2.1 • 3.0
Description: The alarm is raised when an L2 management interface has an Operational State of Down, and the associated VPLS site has an Administrative State of Up.		
Raising condition: (('administrativeState' EQUAL 'Up') AND ('operationalState' NOT EQUAL 'Up'))		
Clearing condition: (('operationalState' EQUAL 'Up') OR ('administrativeState' NOT EQUAL 'Up'))		
Remedial action: The condition exists because the physical interface is down either because it is administratively disabled, faulty or a cabling fault has occurred. Ensure that the interface is administratively up. Check for a poor cable connection to the port or for a faulty cable/fiber. If neither appears to be the problem run diagnostics on the port to determine if it is faulty.		

Table 20-96 InterfaceNeighborDown

Alarm	Attributes	Applicable major releases
Name: InterfaceNeighborDown (661) Type: NeighborDown (20) Package: ospf Raised on class: ospf.Interface	Severity: warning Implicitly cleared: true Default probable cause: NeighborDown (103)	<ul style="list-style-type: none"> • 2.1 • 3.0
Description: The alarm is raised when an interface neighbor is operationally down.		
Raising condition: (('Neighbor Count' EQUAL '0L') AND ('interfaceClass' NOT EQUAL 'System') AND ('Passive' NOT EQUAL 'true'))		

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Alarm	Attributes	Applicable major releases
Clearing condition: (('Neighbor Count' NOT EQUAL '0L') OR ('Passive' EQUAL 'true'))		
Remedial action: This alarm is raised when the OSPF interface neighbor is operationally down. The situation may occur if the underlying physical interface is down either because of administrative disabling or a fault on the far end port or due to a cable connection or cable failure. This alarm will also be raised if the underlying transport network fails or is unreliable. Resolving the underlying instability in the transport network will correct this problem.		

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Table 20-97 IsisAdjacencyDown

Alarm	Attributes	Applicable major releases
Name: IsisAdjacencyDown (153) Type: adjacencyAlarm (31) Package: isis Raised on class: isis.Interface	Severity: minor Implicitly cleared: true Default probable cause: IsisInterfaceDown (232)	<ul style="list-style-type: none"> • 2.1 • 3.0
Description: The alarm is raised when an IS-IS interface has no adjacencies, for example, because the IS-IS protocol on the remote site is down.		
Raising condition: (('Adjacency Count' EQUAL '0L') AND ('interfaceClass' NOT EQUAL 'System') AND ('Passive' NOT EQUAL 'True'))		
Clearing condition: (('Adjacency Count' > '0L') OR ('Passive' EQUAL 'True'))		
Remedial action: Check remote site to see if corresponding IS-IS interface is configured and admin up.		

Table 20-98 IsisDown

Alarm	Attributes	Applicable major releases
Name: IsisDown (19) Type: ProtocolAlarm (1) Package: isis Raised on class: isis.Site	Severity: critical Implicitly cleared: true Default probable cause: protocolDown (1)	<ul style="list-style-type: none"> • 2.1 • 3.0
Description: The alarm is raised when an IS-IS site has an Operational State other than Up, and the Administrative State is Up.		
Raising condition: (('Administrative State' EQUAL 'Up') AND ('Operational State' NOT EQUAL 'Up'))		
Clearing condition: (('Operational State' EQUAL 'Up') OR ('Administrative State' NOT EQUAL 'Up'))		
Remedial action: The protocol is not working anymore, could be a problem with IP addresses, resources on the device, ...		

Table 20-99 IsisInterfaceDown

Alarm	Attributes	Applicable major releases
Name: IsisInterfaceDown (301) Type: ProtocolAlarm (1) Package: isis Raised on class: isis.Interface	Severity: warning Implicitly cleared: true Default probable cause: protocolDown (1)	<ul style="list-style-type: none"> • 2.1 • 3.0
Description: The alarm is raised when an IS-IS interface has an Operational State other than Up.		
Raising condition: ('Operational State' EQUAL 'Down')		
Clearing condition: ('Operational State' NOT EQUAL 'Down')		
Remedial action: Check if underlying port is down, or associated network interface is down.		

Table 20-100 KeepAliveProblem

Alarm	Attributes	Applicable major releases
Name: KeepAliveProblem (100) Type: oamAlarm (18) Package: svt Raised on class: svt.Tunnel	Severity: warning Implicitly cleared: true Default probable cause: keepAliveFailed (86)	<ul style="list-style-type: none"> • 2.1 • 3.0
Description: The alarm is raised when the 5620 SAM detects a keep-alive protocol status of senderIdInvalid or responderIdError.		
Raising condition: (('Keep-Alive State' NOT EQUAL 'Disabled') AND ('Keep-Alive State' NOT EQUAL 'Alive') AND ('Keep-Alive State' NOT EQUAL 'Unknown'))		
Clearing condition: (('Keep-Alive State' EQUAL 'Disabled') OR ('Keep-Alive State' EQUAL 'Alive') OR ('Keep-Alive State' EQUAL 'Unknown'))		
Remedial action: Check the configuration of this tunnel and underlying physical transport.		

Table 20-101 LabelProblem

Alarm	Attributes	Applicable major releases
Name: LabelProblem (98) Type: CircuitAlarm (17) Package: svt Raised on class: svt.SdpBinding	Severity: critical Implicitly cleared: true Default probable cause: labelProblem (84)	<ul style="list-style-type: none"> • 2.1 • 3.0
Description: The alarm is raised when an ingress or an egress label is missing.		
Raising condition: (('Operational State' EQUAL 'No Egress Label') OR ('Operational State' EQUAL 'No Ingress Label') OR ('Operational State' EQUAL 'No Labels'))		
Clearing condition: (('Operational State' NOT EQUAL 'No Egress Label') AND ('Operational State' NOT EQUAL 'No Ingress Label') AND ('Operational State' NOT EQUAL 'No Labels'))		
Remedial action: An ingress or egress label is missing for the SDP binding.		

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Table 20-102 LagDown

Alarm	Attributes	Applicable major releases
Name: LagDown (20) Type: equipmentAlarm (3) Package: lag Raised on class: lag.Interface	Severity: critical Implicitly cleared: true Default probable cause: lagDown (17)	<ul style="list-style-type: none"> • 2.1 • 3.0
Description: The alarm is raised when all ports in a LAG are operationally down.		
Raising condition: (('Administrative State' EQUAL 'Up') AND ('operationalState' NOT EQUAL 'Up'))		
Clearing condition: (('operationalState' EQUAL 'Up') OR ('Administrative State' NOT EQUAL 'Up'))		
Remedial action: This alarm indicates that all physical Ethernet links associated with a LAG are operationally down. The reasons for the links to be down may vary from link to link. The following possible causes of this alarm should be investigated. The physical port (near end or far end) may have failed - this can be remedied by replacing the interface card in question. The physical links may have been turned down administratively - re-enable the links. A cable failure or disconnect may have occurred - please ensure that the cables are properly connected to the physical port and that the cable has not been damaged.		

Table 20-103 LagPortAddFailed

Alarm	Attributes	Applicable major releases
Name: LagPortAddFailed (422) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.PhysicalPort	Severity: warning Implicitly cleared: true Default probable cause: linkDown (315)	<ul style="list-style-type: none"> • 2.1 • 3.0
Description: The alarm is raised when the Lag Port Add function Fails.		
Raising condition: (('state' EQUAL 'Link Down') AND ('LAG ID' > '0'))		
Clearing condition: (('state' NOT EQUAL 'Link Down') OR ('LAG ID' EQUAL '0'))		
Remedial action: A configuration error has occurred which must be corrected. The link that was to be added to the LAG group may be of the wrong type (i.e. non ethernet) or the limit of the number of links supported in a LAG may have been reached.		

Table 20-104 LdpDown

Alarm	Attributes	Applicable major releases
Name: LdpDown (22) Type: ProtocolAlarm (1) Package: ldp Raised on class: ldp.Site	Severity: critical Implicitly cleared: true Default probable cause: protocolDown (1)	<ul style="list-style-type: none"> • 2.1 • 3.0
Description: The alarm is raised when an LDP site has an Operational State other than Up, and the Administrative State is Up.		
Raising condition: (('Administrative State' EQUAL 'Up') AND ('Operational State' NOT EQUAL 'Up'))		
Clearing condition: (('Operational State' EQUAL 'Up') OR ('Administrative State' NOT EQUAL 'Up'))		
Remedial action: Check operational state down reason and update accordingly.		

Table 20-105 LdpSessionNonexistent

Alarm	Attributes	Applicable major releases
Name: LdpSessionNonexistent (2954) Type: LdpSessionAlarm (101) Package: ldp Raised on class: ldp.Session	Severity: critical Implicitly cleared: true Default probable cause: LdpSessionDown (1149)	<ul style="list-style-type: none"> • 2.1 • 3.0
Description: The alarm is raised when an LDP session is non-existent.		
Raising condition: ('Session State' EQUAL 'Non-existent')		
Clearing condition: ('Session State' EQUAL 'Operational')		
Remedial action: Please check the LDP session path to make sure all associated protocols/interfaces/connections are OK.		

Table 20-106 LdpTargetedPeerDown

Alarm	Attributes	Applicable major releases
Name: LdpTargetedPeerDown (23) Type: ProtocolAlarm (1) Package: ldp Raised on class: ldp.TargetedPeer	Severity: critical Implicitly cleared: true Default probable cause: protocolDown (1)	<ul style="list-style-type: none"> • 2.1 • 3.0
Description: The alarm is raised when an LDP targeted peer is operationally down.		
Raising condition: (('administrativeState' EQUAL 'Up') AND ('operationalState' NOT EQUAL 'Up'))		
Clearing condition: (('operationalState' EQUAL 'Up') OR ('administrativeState' NOT EQUAL 'Up'))		
Remedial action: Please check the route to LDP targeted peer to make sure all associated protocols/interfaces/connections are OK.		

Table 20-107 LicensedLimitExceeded

Alarm	Attributes	Applicable major releases
Name: LicensedLimitExceeded (127) Type: licensingAlarm (23) Package: security Raised on class: security.ProductLicense	Severity: critical Implicitly cleared: true Default probable cause: licensedLimitExceeded (106)	<ul style="list-style-type: none"> • 2.1 • 3.0
Description: The alarm is raised when the license items in the network exceeds 100 percent of the license capacity.		
Raising condition: ('Exceeded' EQUAL 'true')		
Clearing condition: ('Exceeded' NOT EQUAL 'true')		
Remedial action: Informational - The number of SAM licenses purchased and available on the SAM server is insufficient as compared to the number of NEs/MDA/Cells under management in the network. Please contact Alcatel-Lucent Sales to purchase additional licenses.		

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Table 20-108 LinkDown (equipment)

Alarm	Attributes	Applicable major releases
Name: LinkDown (12) Type: communicationsAlarm (4) Package: equipment Raised on class: equipment.Equipment	Severity: major Implicitly cleared: true Default probable cause: portLinkProblem (10)	<ul style="list-style-type: none"> • 2.1 • 3.0
Description: The alarm is raised when a port has no associated physical link or remote end point is operationally down.		
Raising condition: (('compositeEquipmentState' EQUAL 'Link Down') OR ('compositeEquipmentState' EQUAL 'Oper Down'))		
Clearing condition: (('compositeEquipmentState' NOT EQUAL 'Link Down') AND ('compositeEquipmentState' NOT EQUAL 'Oper Down'))		
Remedial action: Please make sure that port has physical link and remote end point is operationally up.		

Table 20-109 LocalRncvOperDown

Alarm	Attributes	Applicable major releases
Name: LocalRncvOperDown (521) Type: redundancyAlarm (52) Package: multichassis Raised on class: multichassis.MultiChassisRingNode	Severity: major Implicitly cleared: true Default probable cause: localRncvDisconnected (396)	<ul style="list-style-type: none"> • 2.1 • 3.0
Description: The alarm is raised when the local RNCV Operational State of a ring node is other than Connected or NotTested, which means that the ring node is not connected to the local MC ring group. The alarm clears when the ring node enters the Connected or NotTested state.		
Raising condition: (('Local Operational State' NOT EQUAL 'Connected') AND ('Local Operational State' NOT EQUAL 'Not Tested'))		
Clearing condition: (('Local Operational State' EQUAL 'Connected') OR ('Local Operational State' EQUAL 'Not Tested'))		
Remedial action: Make sure that ring node is properly connected to MC ring group.		

Table 20-110 LowTemperatureDetected

Alarm	Attributes	Applicable major releases
Name: LowTemperatureDetected (1127) Type: environmentalAlarm (2) Package: equipment Raised on class: equipment.Shelf	Severity: major Implicitly cleared: true Default probable cause: equipmentOvercooled (838)	<ul style="list-style-type: none"> • 2.1 • 3.0
Description: The alarm is raised when the chassis temperature falls below the minimum threshold.		
Raising condition: ('Low Temperature State' EQUAL 'Low')		
Clearing condition: ('Low Temperature State' NOT EQUAL 'Low')		
Remedial action: The NE has detected internal temperatures which are abnormally low. This may happen when the environment that the NE is operating in may not be within specifications found in the NE user guides.		

Table 20-111 LspDown

Alarm	Attributes	Applicable major releases
Name: LspDown (25) Type: pathAlarm (12) Package: mpls Raised on class: mpls.Lsp	Severity: critical Implicitly cleared: true Default probable cause: LspDown (19)	<ul style="list-style-type: none"> • 2.1 • 3.0
Description: The alarm is raised when the Operational State of an LSP is Down, but the Administrative State is Up.		
Raising condition: (('administrativeState' EQUAL 'Up') AND ('operationalState' NOT EQUAL 'Up'))		
Clearing condition: (('operationalState' EQUAL 'Up') OR ('administrativeState' NOT EQUAL 'Up'))		
Remedial action: So many things can cause LSP down, check if source and destination interfaces are down, LSP path is down and the failure code, or MPLS path is down...		

Table 20-112 LspPathBypassTunnelActive

Alarm	Attributes	Applicable major releases
Name: LspPathBypassTunnelActive (264) Type: pathAlarm (12) Package: mpls Raised on class: mpls.LspPath	Severity: warning Implicitly cleared: true Default probable cause: LspPathReroutedToBypassTunnel (197)	<ul style="list-style-type: none"> • 2.1 • 3.0
Description: The alarm is raised when an LSP primary path is rerouted to the bypass tunnel. The alarm clears when the primary path returns to the original tunnel and the actual hop returns to the primary path.		
Raising condition: ('Bypass Tunnel Active' EQUAL 'true')		
Clearing condition: ('Bypass Tunnel Active' EQUAL 'false')		
Remedial action: There is a problem with the original path, check what is the problem and fix it if possible.		

Table 20-113 LspPathDown

Alarm	Attributes	Applicable major releases
Name: LspPathDown (26) Type: pathAlarm (12) Package: mpls Raised on class: mpls.LspPath	Severity: major Implicitly cleared: true Default probable cause: LspPathDown (20)	<ul style="list-style-type: none"> • 2.1 • 3.0
Description: The alarm is raised when an LSP path is operationally down.		
Raising condition: (('Administrative' EQUAL 'Up') AND ('Operational' NOT EQUAL 'Up') AND ('Type' EQUAL 'Standby'))		
Clearing condition: (('Operational' EQUAL 'Up') OR ('Administrative' NOT EQUAL 'Up') OR ('Type' EQUAL 'Secondary'))		
Remedial action: Check the failure code and update accordingly, e.g. whether MPLS/RSVP interfaces, OSPF interfaces are down.		

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Table 20-114 macMoveRateExceeded (service)

Alarm	Attributes	Applicable major releases
Name: macMoveRateExceeded (3690) Type: accessInterfaceAlarm (40) Package: service Raised on class: service.AccessInterface	Severity: minor Implicitly cleared: true Default probable cause: MacMoveRateExceeded (1429)	<ul style="list-style-type: none"> • 2.1 • 3.0
Description: The alarm is raised when the SAP exceeds the MAC Move Frequency of the service site.		
Raising condition: ('State Cause'anyBit'Relearn Limit Exceeded')		
Clearing condition: NOT (('State Cause'anyBit'Relearn Limit Exceeded'))		
Remedial action: Informational.		

Table 20-115 macMoveRateExceeded (svt)

Alarm	Attributes	Applicable major releases
Name: macMoveRateExceeded (3690) Type: SpokeSdpBindingAlarm (104) Package: svt Raised on class: svt.SpokeSdpBinding	Severity: minor Implicitly cleared: true Default probable cause: MacMoveRateExceeded (1429)	<ul style="list-style-type: none"> • 2.1 • 3.0
Description: The alarm is raised when the SDP exceeds the Service Site's MAC Move Frequency.		
Raising condition: ('operationalFlags'anyBit'Relearn Limit Exceeded')		
Clearing condition: NOT (('operationalFlags'anyBit'Relearn Limit Exceeded'))		
Remedial action: Check Service Site MAC move frequency or underlying physical link to understand issue.		

Table 20-116 macMoveRateExceededNonBlock (service)

Alarm	Attributes	Applicable major releases
Name: macMoveRateExceededNonBlock (4893) Type: accessInterfaceAlarm (40) Package: service Raised on class: service.AccessInterface	Severity: info Implicitly cleared: true Default probable cause: MacMoveRateExceededNonBlock (1951)	<ul style="list-style-type: none"> • 2.1 • 3.0
Description: The alarm is raised when the SAP exceeds the MAC Move Frequency of the service site when limitMacMove(sapTIsLimitMacMove) is set to 'nonBlocking'.		
Raising condition: ('State Cause'anyBit'Relearn Limit Exceeded')		
Clearing condition: NOT (('State Cause'anyBit'Relearn Limit Exceeded'))		
Remedial action: Informational - User can adjust the value of 'MAC Move Maximum Rate' to reduce the frequency of this alarm.		

Table 20-117 macMoveRateExceededNonBlock (svt)

Alarm	Attributes	Applicable major releases
Name: macMoveRateExceededNonBlock (4893) Type: SpokeSdpBindingAlarm (104) Package: svt Raised on class: svt.SpokeSdpBinding	Severity: info Implicitly cleared: true Default probable cause: MacMoveRateExceededNonBlock (1951)	<ul style="list-style-type: none"> • 2.1 • 3.0
Description: The alarm is raised when the SDP exceeds the Service Site's MAC Move Frequency even when limitMacMove(sdpBindTIsLimitMacMove) is set to 'nonBlocking'.		
Raising condition: ('operationalFlags'anyBit'Relearn Limit Exceeded')		
Clearing condition: NOT (('operationalFlags'anyBit'Relearn Limit Exceeded'))		
Remedial action: Informational - User can adjust the value of 'MAC Move Maximum Rate' to reduce the frequency of this alarm.		

Table 20-118 MCLagDown (lag)

Alarm	Attributes	Applicable major releases
Name: MCLagDown (394) Type: equipmentAlarm (3) Package: lag Raised on class: lag.MultiChassisLagSpecifics	Severity: critical Implicitly cleared: true Default probable cause: mCLagDown (295)	<ul style="list-style-type: none"> • 2.1 • 3.0
Description: The alarm is raised when all ports in an MC LAG are operationally down.		
Raising condition: (('administrativeState' EQUAL 'Up') AND ('operationalState' NOT EQUAL 'Up'))		
Clearing condition: (('operationalState' EQUAL 'Up') OR ('administrativeState' NOT EQUAL 'Up'))		
Remedial action: This alarm indicates that all physical Ethernet links associated with a LAG are operationally down. The reasons for the links to be down may vary from link to link. The following possible causes of this alarm should be investigated. The physical port (near end or far end) may have failed - this can be remedied by replacing the interface card in question. The physical links may have been turned down administratively - re-enable the links. A cable failure or disconnect may have occurred - please ensure that the cables are properly connected to the physical port and that the cable has not been damaged.		

Table 20-119 MepAISReceivedAlarm

Alarm	Attributes	Applicable major releases
Name: MepAISReceivedAlarm (2945) Type: oamAlarm (18) Package: ethernetOam Raised on class: ethernetOam.Mep	Severity: variable Implicitly cleared: true Default probable cause: missingRemoteMep (388)	<ul style="list-style-type: none"> • 2.1 • 3.0
Description: The alarm is raised when a MEP receives AIS test frames from one or more of its sub-layer MEPs.		
Raising condition: (('AIS Received (AisRx)' EQUAL 'true') AND ('Facility VLAN ID' EQUAL '0'))		
Clearing condition: ('AIS Received (AisRx)' EQUAL 'false')		

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Alarm	Attributes	Applicable major releases
Remedial action: This alarm indicates that it has received a MEP fault from a sub-layer MEP, user should investigate the fault cause on the sub-layer MEP and resolve this root cause issue.		

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Table 20-120 MissingLocalEntry

Alarm	Attributes	Applicable major releases
Name: MissingLocalEntry (291) Type: configurationAlarm (11) Package: I2fwd Raised on class: I2fwd.ServiceMacProtection	Severity: minor Implicitly cleared: true Default probable cause: Protected_Mac_Address_Not_Global (222)	<ul style="list-style-type: none"> • 2.1 • 3.0
Description: The alarm is raised when a protected MAC address is not configured on all sites of a VPLS. This can occur if the protected MAC address is added or removed using a CLI.		
Raising condition: ('isEntryGlobal' EQUAL 'false')		
Clearing condition: ('isEntryGlobal' EQUAL 'true')		
Remedial action: Configure the 'Protected MAC Address' on all the VPLS sites.		

Table 20-121 MobileConnectorDown

Alarm	Attributes	Applicable major releases
Name: MobileConnectorDown (1064) Type: EpcAlarm (59) Package: Iteservice Raised on class: Iteservice.MobileServiceConnector	Severity: minor Implicitly cleared: true Default probable cause: EpcDown (519)	<ul style="list-style-type: none"> • 2.1 • 3.0
Description: The alarm is raised when the 5620 SAM no longer manages the EPS path instance of this mobile service site. As a result, the service must be regenerated.		
Raising condition: ('EPS Path' EQUAL '\')		
Clearing condition: ('EPS Path' NOT EQUAL '\')		
Remedial action: The underlying transport network has gone down resulting in the deletion of a mobile service connector (EPS path). Correct the issue with the transport network and regenerate the mobile service connector by clicking on the re-calculate button on the mobile service properties form.		

Table 20-122 MplsDown

Alarm	Attributes	Applicable major releases
Name: MplsDown (27) Type: ProtocolAlarm (1) Package: mpls Raised on class: mpls.Site	Severity: critical Implicitly cleared: true Default probable cause: protocolDown (1)	<ul style="list-style-type: none"> • 2.1 • 3.0
Description: The alarm is raised when an MPLS site has an Operational State other than Up, and the Administrative State is Up.		
Raising condition: (('Administrative State' EQUAL 'Up') AND ('Operational State' NOT EQUAL 'Up'))		
Clearing condition: (('Operational State' EQUAL 'Up') OR ('Administrative State' NOT EQUAL 'Up'))		
Remedial action: Check operational down reason and update accordingly.		

Table 20-123 MplsPathUpdateFailed

Alarm	Attributes	Applicable major releases
Name: MplsPathUpdateFailed (1066) Type: pathAlarm (12) Package: mpls Raised on class: mpls.LspPath	Severity: major Implicitly cleared: true Default probable cause: mbbRetryExceeded (804) Applicable probable causes: <ul style="list-style-type: none"> • mbbRetryExceeded • lspPathGoingDown • startingHighPriMbb • restartingMbb • highPriMbbInProg 	<ul style="list-style-type: none"> • 2.1 • 3.0
Description: The alarm is raised when an MPLS path update fails because of an MBB problem. The alarm clears when the MBB status changes to Successful.		
Raising condition: (('mbbStatus' NOT EQUAL 'None') AND ('mbbStatus' NOT EQUAL 'Successful'))		
Clearing condition: (('Last Performed State' EQUAL 'Success') OR ('Administrative' EQUAL 'Down') OR (('Operational' EQUAL 'Up') AND ('Last Performed State' EQUAL 'None'))		
Remedial action: Based on the probable cause, change the parameters and update the path again.		

Table 20-124 MrpAttrTblSizeLimitReached

Alarm	Attributes	Applicable major releases
Name: MrpAttrTblSizeLimitReached (574) Type: resourceAlarm (28) Package: I2fwd Raised on class: I2fwd.SiteMrp	Severity: major Implicitly cleared: true Default probable cause: resourceLimitReached (131)	<ul style="list-style-type: none"> • 2.1 • 3.0
Description: The alarm is raised when the number of MRP attribute table entries for a service site exceeds the high watermark specified by I2fwd.SiteMrp.mrpAttrTblHighWatermark. The alarm clears when the number of MRP attribute table entries for the site drops below the low watermark specified by I2fwd.SiteMrp.mrpAttrTblLowWatermark.		

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Alarm	Attributes	Applicable major releases
Raising condition: (('MRP Attribute Count' >=" 'MRP Max Attributes') OR ('MRP Attribute Count' >= (('MRP Attribute-Table-High-Watermark' * 'MRP Max Attributes') / 100.0)))"		
Clearing condition: (('MRP Attribute Count' < 'MRP Max Attributes') AND (('MRP Attribute-Table-High-Watermark' EQUAL '0') OR ('MRP Attribute Count' < (('MRP Attribute-Table-Low-Watermark' * 'MRP Max Attributes') / 100.0))) AND (('MRP Attribute-Table-Low-Watermark' EQUAL '0') OR ('MRP Attribute Count' < (('MRP Attribute-Table-Low-Watermark' * 'MRP Max Attributes') / 100.0))))		
Remedial action: Informational		

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Table 20-125 MsPwFecRetryExpired

Alarm	Attributes	Applicable major releases
Name: MsPwFecRetryExpired (3694) Type: serviceAlarm (16) Package: svt Raised on class: svt.SpokeSdpFec	Severity: minor Implicitly cleared: true Default probable cause: msPwFecRetryExpired (1433)	<ul style="list-style-type: none"> • 2.1 • 3.0
Description: The alarm is raised when a trap is received because of retry expired. The alarm is cleared when the retry starts again.		
Raising condition: ('Retry Expired' EQUAL 'true')		
Clearing condition: ('Retry Expired' EQUAL 'false')		
Remedial action: May need to shutdown the multi-segment pseudo-wire provider edge to restart the retries.		

Table 20-126 MultiChassisRingDown

Alarm	Attributes	Applicable major releases
Name: MultiChassisRingDown (520) Type: redundancyAlarm (52) Package: multichassis Raised on class: multichassis.MultiChassisRing	Severity: major Implicitly cleared: true Default probable cause: ringDown (395)	<ul style="list-style-type: none"> • 2.1 • 3.0
Description: The alarm is raised when a MC ring group Operational State is not in the Connected state. The alarm is cleared when the ring group enters the Connected state.		
Raising condition: ('Operational State' NOT EQUAL 'Connected')		
Clearing condition: ('Operational State' EQUAL 'Connected')		
Remedial action: Check if MC ring is admin down, MC Sync is operational up, In-Band Control Connection is up, ring node is up ...		

Table 20-127 MvrConfiguredFromVplsNotExist

Alarm	Attributes	Applicable major releases
Name: MvrConfiguredFromVplsNotExist (219) Type: configurationAlarm (11) Package: vpls Raised on classes: <ul style="list-style-type: none"> vpls.L2AccessInterfaceMldMvrCfg vpls.L2AccessInterfaceMvrCfg 	Severity: warning Implicitly cleared: true Default probable cause: MvrConfiguredFromVplsNotExist (164)	<ul style="list-style-type: none"> 2.1 3.0
Description: The alarm is raised when an MVR source is an MVR VPLS that does not exist. The alarm clears when the MVR VPLS is created.		
Raising condition: ('fromVplsExists' EQUAL 'false')		
Clearing condition: (('fromVplsExists' EQUAL 'true') OR ('fromVplsId' EQUAL '0L'))		
Remedial action: Create the missing MVR VPLS.		

Table 20-128 MvrConfiguredProxySapNotExist

Alarm	Attributes	Applicable major releases
Name: MvrConfiguredProxySapNotExist (220) Type: configurationAlarm (11) Package: vpls Raised on classes: <ul style="list-style-type: none"> vpls.L2AccessInterfaceMldMvrCfg vpls.L2AccessInterfaceMvrCfg 	Severity: warning Implicitly cleared: true Default probable cause: MvrConfiguredProxySapNotExist (165)	<ul style="list-style-type: none"> 2.1 3.0
Description: The alarm is raised when a configured MVR proxy SAP does not exist. The alarm clears when the proxy SAP is created.		
Raising condition: ('proxySapExists' EQUAL 'false')		
Clearing condition: ('proxySapExists' EQUAL 'true')		
Remedial action: Create the missing proxy SAP.		

Table 20-129 MvrSiteDown

Alarm	Attributes	Applicable major releases
Name: MvrSiteDown (162) Type: ProtocolAlarm (1) Package: layer2 Raised on class: layer2.MvrSite	Severity: warning Implicitly cleared: true Default probable cause: protocolDown (1)	<ul style="list-style-type: none"> 2.1 3.0
Description: The alarm is raised when MVR is disabled on an NE and a TLS VLAN or MVR VLAN service is provisioned on the NE.		
Raising condition: ('MVR Admin Status' EQUAL 'Disabled')		
Clearing condition: ('MVR Admin Status' EQUAL 'Enabled')		

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Alarm	Attributes	Applicable major releases
Remedial action: To clear the alarm, enable MVR Admin Status under the Bridge Instance.		

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Table 20-130 NeighborDown

Alarm	Attributes	Applicable major releases
Name: NeighborDown (121) Type: NeighborDown (20) Package: ospf Raised on class: ospf.AbstractNeighbor	Severity: major Implicitly cleared: true Default probable cause: NeighborDown (103)	<ul style="list-style-type: none"> • 2.1 • 3.0
Description: The alarm is raised when an OSPF interface neighbor is operationally Down.		
Raising condition: ('Operational State' NOT EQUAL 'full')		
Clearing condition: ('Operational State' EQUAL 'full')		
Remedial action: This alarm is raised when the OSPF interface neighbor is operationally down. The situation may occur if the underlying physical interface is down either because of administrative disabling or a fault on the far end port or due to a cable connection or cable failure. This alarm will also be raised if the underlying transport network fails or is unreliable. Resolving the underlying instability in the transport network will correct this problem.		

Table 20-131 NeManagementAndTrapManagementMismatch

Alarm	Attributes	Applicable major releases
Name: NeManagementAndTrapManagementMismatch (1079) Type: communicationsAlarm (4) Package: netw Raised on class: netw.NetworkElement	Severity: warning Implicitly cleared: true Default probable cause: neManagementChange (817)	<ul style="list-style-type: none"> • 2.1 • 3.0
Description: This user-defined alarm is raised when the NE configuration is one of the following: - The Active Management IP is set to Out Of Band, and the Primary Route Preference is set to In Band. - The Active Management IP is set to In Band, and the Primary Route Preference is set to Out of Band.		
Raising condition: (((('Active Management IP' EQUAL 'In Band') AND (('Management IP Selection' EQUAL 'In Band Preferred') OR ('Management IP Selection' EQUAL 'In Band Only'))) AND ('Primary Route Preference' EQUAL 'Out Of Band') AND ('Secondary Route Preference' EQUAL 'In Band')) OR (('Active Management IP' EQUAL 'Out Of Band') AND (('Management IP Selection' EQUAL 'Out Of Band Preferred') OR ('Management IP Selection' EQUAL 'Out Of Band Only'))) AND ('Primary Route Preference' EQUAL 'In Band') AND ('Secondary Route Preference' EQUAL 'Out Of Band'))		
Clearing condition: (((('Active Management IP' EQUAL 'In Band') AND (('Management IP Selection' EQUAL 'In Band Preferred') OR ('Management IP Selection' EQUAL 'In Band Only'))) AND ('Primary Route Preference' EQUAL 'In Band')) OR (('Active Management IP' EQUAL 'Out Of Band') AND (('Management IP Selection' EQUAL 'Out Of Band Preferred') OR ('Management IP Selection' EQUAL 'Out Of Band Only'))) AND ('Primary Route Preference' EQUAL 'Out Of Band'))		
Remedial action: A configuration error has been made which must be corrected. The parameters described in the description for this alarm must match.		

Table 20-132 NewSsh2ServerKeyDetected

Alarm	Attributes	Applicable major releases
Name: NewSsh2ServerKeyDetected (285) Type: communicationsAlarm (4) Package: security Raised on class: security.KnownHostKey	Severity: warning Implicitly cleared: true Default probable cause: ssh2ServerKeyMismatch (217)	<ul style="list-style-type: none"> • 2.1 • 3.0
Description: The alarm is raised when a 5620 SAM main server detects a new public SSH key.		
Raising condition: ('SSH2 Server Key Status' EQUAL 'Mismatch SSH2 Host Key')		
Clearing condition: ('SSH2 Server Key Status' EQUAL 'Active SSH2 Host Key')		
Remedial action: Informational - possible security breach. The SSH key of the router is different from the one known to the SAM server.		

Table 20-133 NodeDatabaseFallbackDetected

Alarm	Attributes	Applicable major releases
Name: NodeDatabaseFallbackDetected (2923) Type: communicationsAlarm (4) Package: netw Raised on class: netw.NetworkElement	Severity: major Implicitly cleared: true Default probable cause: nodeDatabaseFallback (1121)	<ul style="list-style-type: none"> • 2.1 • 3.0
Description: The alarm is raised when a configuration fallback is detected on the node and comes back up with a previous configuration. To correct this situation it might be necessary to reconfigure the node, or perform full resync its database with the 'fallback' configuration returned by the node.		
Raising condition: ('State' EQUAL 'Node Configuration Fallback')		
Clearing condition: ('State' EQUAL 'Managed')		
Remedial action: the NE has come back to a previous configuration. Perform a manual Full Resync or a Reconfigure of the NE		

Table 20-134 NodeDatabaseMisalignmentDetected

Alarm	Attributes	Applicable major releases
Name: NodeDatabaseMisalignmentDetected (2924) Type: communicationsAlarm (4) Package: netw Raised on class: netw.NetworkElement	Severity: major Implicitly cleared: true Default probable cause: nodeDatabaseMisalignment (1122)	<ul style="list-style-type: none"> • 2.1 • 3.0
Description: The alarm is raised when a configuration misalignment has been detected on the node and comes back up with an unexpected configuration (configuration change triggered by external tool) To correct this situation it might be necessary to reconfigure the node with the 5620 SAM's old configuration or accept the new configuration received from the node.		
Raising condition: ('State' EQUAL 'Node Configuration Misalignment')		
Clearing condition: ('State' EQUAL 'Managed')		
Remedial action: the NE configuration is misaligned. Perform a resync in order to update SAM configuration according to the NE.		

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Table 20-135 NodeRebooted

Alarm	Attributes	Applicable major releases
Name: NodeRebooted (32) Type: equipmentAlarm (3) Package: netw Raised on class: netw.NetworkElement	Severity: warning Implicitly cleared: false Default probable cause: nodeReboot (25)	<ul style="list-style-type: none"> • 2.1 • 3.0
Description: The alarm is raised when the 5620 SAM detects an NE reboot based on the latest NE sysUpTime value.		
Remedial action: Informational - if the alarm persists please contact Alcatel-Lucent support for assistance		

Table 20-136 NodeSuspended

Alarm	Attributes	Applicable major releases
Name: NodeSuspended (5123) Type: communicationsAlarm (4) Package: netw Raised on class: netw.NetworkElement	Severity: critical Implicitly cleared: true Default probable cause: NodeSuspend (2057)	<ul style="list-style-type: none"> • 2.1 • 3.0
Description: The alarm is raised when the 5620 SAM detects an NE moved to suspend state as per user request.		
Raising condition: ('SNMP Reachability' EQUAL 'Suspended')		
Clearing condition: ('SNMP Reachability' NOT EQUAL 'Suspended')		
Remedial action: This alarm is raised when user suspends the network element. The alarm will be cleared when the network element is managed back.		

Table 20-137 NoPeerMcRingFound

Alarm	Attributes	Applicable major releases
Name: NoPeerMcRingFound (782) Type: configurationAlarm (11) Package: multichassis Raised on class: multichassis.MultiChassisRing	Severity: major Implicitly cleared: true Default probable cause: IncompleteConfig (557)	<ul style="list-style-type: none"> • 2.1 • 3.0
Description: The alarm is raised when the 5620 SAM cannot find the peer MC ring.		
Raising condition: ('Peer Multi-Chassis Ring' EQUAL '\')		
Clearing condition: ('Peer Multi-Chassis Ring' NOT EQUAL '\')		
Remedial action: Configure the missing peered MC ring, or delete this one if it is not used.		

Table 20-138 NTPOperDown

Alarm	Attributes	Applicable major releases
Name: NTPOperDown (4879) Type: communicationsAlarm (4) Package: ntp Raised on class: ntp.NTP	Severity: info Implicitly cleared: true Default probable cause: NTPOperDown (1943)	<ul style="list-style-type: none"> • 2.1 • 3.0
Description: The alarm is generated when the NTP Operational State is down for NTP.		
Raising condition: (('Operational State' EQUAL 'Down') AND ('NTP State' EQUAL 'Enabled'))		
Clearing condition: (('Operational State' EQUAL 'Up') OR ('NTP State' EQUAL 'Disabled'))		
Remedial action: Please check if NTP is administratively enabled (Admin State in NTP General Tab). If admin state down, enable it to make NTP operationally up.		

Table 20-139 OrphanNodeDetected

Alarm	Attributes	Applicable major releases
Name: OrphanNodeDetected (4866) Type: discoveryControlAlarm (33) Package: netw Raised on class: netw.AdvertisedNode	Severity: major Implicitly cleared: true Default probable cause: nodeNotMangedByAnyEms (1934)	<ul style="list-style-type: none"> • 2.1 • 3.0
Description: The alarm is raised when node is node managed by any EMS after n retries(threshold crossed) it is manually cleared by the operator or when the node is discovered.		
Raising condition: ('State' EQUAL 'Orphan')		
Remedial action: The NE is not managed by any SAM.Add an discovery rule in order to managed it.		

Table 20-140 OspflInterfaceDown

Alarm	Attributes	Applicable major releases
Name: OspflInterfaceDown (141) Type: OspflInterfaceDown (24) Package: ospf Raised on class: ospf.Interface	Severity: warning Implicitly cleared: true Default probable cause: OspflInterfaceDown (112)	<ul style="list-style-type: none"> • 2.1 • 3.0
Description: The alarm is raised when an OSPF interface is operationally down.		
Raising condition: ('operationalState' EQUAL 'Down')		
Clearing condition: ('operationalState' NOT EQUAL 'Down')		
Remedial action: This alarm is raised when the OSPF interface is operationally down. The situation may occur if the underlying physical interface is down either because of administrative disabling or a fault on the far end port or due to a cable connection or cable failure. This alarm will also be raised if the underlying transport network fails or is unreliable. Resolving the underlying instability in the transport network will correct this problem.		

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Table 20-141 OverTemperatureDetected

Alarm	Attributes	Applicable major releases
Name: OverTemperatureDetected (388) Type: environmentalAlarm (2) Package: equipment Raised on class: equipment.Shelf	Severity: major Implicitly cleared: true Default probable cause: equipmentOverheated (5)	<ul style="list-style-type: none"> • 2.1 • 3.0
Description: The alarm is raised when the chassis temperature exceeds the maximum threshold value.		
Raising condition: ('Over Temperature State' EQUAL 'Over')		
Clearing condition: ('Over Temperature State' NOT EQUAL 'Over')		
Remedial action: The NE has detected internal temperatures which are abnormally high. This could be caused by a failed fan unit or one or more dirty fan filters. Replacing the failed unit or filters should resolve the problem. Alternately the environment that the NE is operating in may not be within specifications found in the NE user guides.		

Table 20-142 P2MPLSPDown

Alarm	Attributes	Applicable major releases
Name: P2MPLSPDown (4378) Type: pathAlarm (12) Package: mpls Raised on class: mpls.P2MPDynamicLsp	Severity: critical Implicitly cleared: true Default probable cause: P2MPLSPDown (1563)	<ul style="list-style-type: none"> • 2.1 • 3.0
Description: The alarm is raised when the P2MP LSP Administrative State is Up and the Operational State is Down. The alarm clears when the P2MP LSP Operational State changes to Up or the Administrative State changes to Down.		
Raising condition: (('Administrative' EQUAL 'Up') AND ('Operational' NOT EQUAL 'Up'))		
Clearing condition: (('Operational' EQUAL 'Up') OR ('Administrative' NOT EQUAL 'Up'))		
Remedial action: The operational state of the P2MP LSP is down, despite the administrative state being up. Review the P2MP Primary Instance or S2LPath to make sure it was configured correctly and Administrative state is up. The physical port near end or far end may have failed - this can be remedied by replacing the interface card in question. The physical links may have been turned down administratively - re-enable the links. A cable failure or disconnect may have occurred - please ensure that the cables are properly connected to the physical port and and that the cable has not been damaged.		

Table 20-143 PartialResyncProblem

Alarm	Attributes	Applicable major releases
Name: PartialResyncProblem (4401) Type: communicationsAlarm (4) Package: netw Raised on class: netw.NetworkElement	Severity: warning Implicitly cleared: true Default probable cause: partialResyncProblem (1578)	<ul style="list-style-type: none"> • 2.1 • 3.0
Description: The alarm is raised when a partial resync on an NE fails. For example, when resyncing only some MIB entries as opposed to a full resync. The periodic reachability test (sysUpTime) is not considered a partial resync, neither is a full resync. However, a PartialResyncProblem alarm can only be reset by a FullResync.		

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Alarm	Attributes	Applicable major releases
Raising condition: ('partialResyncStatus' EQUAL 'Partial Resync Failed')		
Clearing condition: ('partialResyncStatus' EQUAL 'Partial Resync Done')		
Remedial action: Informational - if the alarm persists or is occurring frequently then investigation is required to understand a) why the underlying transport network is unreliable or b) why the NE is too busy to respond to 5620 SAM or c) has SNMP been disabled on the NE.		

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Table 20-144 PeerConnectionDown (bgp)

Alarm	Attributes	Applicable major releases
Name: PeerConnectionDown (2) Type: ProtocolAlarm (1) Package: bgp Raised on class: bgp.Peer	Severity: critical Implicitly cleared: true Default probable cause: connectionDown (2)	<ul style="list-style-type: none"> • 2.1 • 3.0
Description: The alarm is raised when a BGP peer has a Connection State other than Established, and the Administrative State of the BGP peer is Up.		
Raising condition: (('Connection State' NOT EQUAL 'Established') AND ('Administrative State' EQUAL 'Up'))		
Clearing condition: (('Connection State' EQUAL 'Established') OR ('Administrative State' NOT EQUAL 'Up'))		
Remedial action: A mismatch in configuration may have occurred. Check the configuration of both peers to rule out a mismatched configuration.		

Table 20-145 PeerDown (bgp)

Alarm	Attributes	Applicable major releases
Name: PeerDown (1) Type: ProtocolAlarm (1) Package: bgp Raised on class: bgp.Peer	Severity: critical Implicitly cleared: true Default probable cause: protocolDown (1)	<ul style="list-style-type: none"> • 2.1 • 3.0
Description: The alarm is raised when a BGP peer has an Operational State other than Up, and the Administrative State is Up.		
Raising condition: (('Administrative State' EQUAL 'Up') AND ('Operational State' NOT EQUAL 'Up'))		
Clearing condition: (('Operational State' EQUAL 'Up') OR ('Administrative State' NOT EQUAL 'Up'))		
Remedial action: The BGP peer entity is down - administratively disable the BGP peer and re-enable it. If toggling the administrative state does not solve the problem check that the physical interface and network connection to the far end peer are up and operational. If the problem persists please contact Alcatel-Lucent support for assistance.		

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Table 20-146 PeerGroupDown (bgp)

Alarm	Attributes	Applicable major releases
Name: PeerGroupDown (5) Type: ProtocolAlarm (1) Package: bgp Raised on class: bgp.PeerGroup	Severity: critical Implicitly cleared: true Default probable cause: protocolDown (1)	<ul style="list-style-type: none"> • 2.1 • 3.0
Description: The alarm is raised when a BGP peer group has an Operational State other than Up, and the Administrative State is Up.		
Raising condition: (('Administrative State' EQUAL 'Up') AND ('Operational State' NOT EQUAL 'Up'))		
Clearing condition: (('Operational State' EQUAL 'Up') OR ('Administrative State' NOT EQUAL 'Up'))		
Remedial action: The BGP peer group is down - administratively disable the BGP peer group and re-enable it. If the problem persists please contact Alcatel-Lucent support for assistance.		

Table 20-147 PeerLacIngressEgressFault

Alarm	Attributes	Applicable major releases
Name: PeerLacIngressEgressFault (2929) Type: PeerLacAlarm (98) Package: svt Raised on class: svt.SpokeSdpBinding	Severity: minor Implicitly cleared: true Default probable cause: peerPWStatusBitsChanged (1123)	<ul style="list-style-type: none"> • 2.1 • 3.0
Description: The alarm is raised when the Peer Status is Peer LAC Rx Fault and Peer LAC Tx Fault		
Raising condition: (('Peer State Cause'anyBit'Peer LAC Tx Fault') AND ('Peer State Cause'anyBit'Peer LAC Rx Fault'))		
Clearing condition: NOT (('Peer State Cause'anyBit'Peer LAC Tx Fault') AND ('Peer State Cause'anyBit'Peer LAC Rx Fault'))		
Remedial action: One of the following conditions exists on the referenced physical interface which must be corrected. A cable/fiber fault exists which must be corrected - check to ensure that the cable is not faulty and is properly connected. The port is faulty - run diagnostics on the port to determine the nature of the fault. If the problem cannot be resolved swap the card containing the port with a card which is known be functional.		

Table 20-148 PersistentIndexParametersMisconfigured

Alarm	Attributes	Applicable major releases
Name: PersistentIndexParametersMisconfigured (173) Type: configurationAlarm (11) Package: netw Raised on class: netw.NetworkElement	Severity: major Implicitly cleared: true Default probable cause: persistentIndexConfigurationMismatch (136)	<ul style="list-style-type: none"> • 2.1 • 3.0
Description: The alarm is raised when persistence is set to Off in the NE BOF.		
Raising condition: (('Persistent SNMP Indices' EQUAL 'False') OR (('hasRedundantProcessorCards' EQUAL 'true') AND ('Redundant Synchronization Mode' EQUAL 'None'))		

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Alarm	Attributes	Applicable major releases
Clearing condition: (('Persistent SNMP Indices' EQUAL 'True') AND (('hasRedundantProcessorCards' EQUAL 'false') OR ('Redundant Synchronization Mode' NOT EQUAL 'None')))		
Remedial action: A configuration error has occurred that must be corrected. Use the CLI on the NE to enable persistency in the BOF. The discovery process will complete on the next discovery scan. A re-scan can be triggered immediately for the NE from within the discovery manager		

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Table 20-149 PollerProblem

Alarm	Attributes	Applicable major releases
Name: PollerProblem (31) Type: communicationsAlarm (4) Package: netw Raised on class: netw.NetworkElement	Severity: warning Implicitly cleared: true Default probable cause: resyncFailed (24)	<ul style="list-style-type: none"> • 2.1 • 3.0
Description: The alarm is raised when the 5620 SAM is unable to poll a network object, for example, because of intermittent or no IP connectivity to an NE, incorrect SNMP security parameters, or disabled SNMP on the NE.		
Raising condition: ('Resync Status' EQUAL 'Full Resync Failed')		
Clearing condition: ('Resync Status' EQUAL 'Full Resync Done')		
Remedial action: Informational - if the alarm persists or is occurring frequently then investigation is required to understand a) why the underlying transport network is unreliable or b) why the NE is too busy to respond to 5620 SAM or c) has SNMP been disabled on the NE. Once the issue has been resolved SAM will automatically re-attempt.		

Table 20-150 PortEtherSymMonSDAlarm

Alarm	Attributes	Applicable major releases
Name: PortEtherSymMonSDAlarm (5662) Type: communicationsAlarm (4) Package: ethernetequipment Raised on class: ethernetequipment.EthernetPortSpecifics	Severity: major Implicitly cleared: true Default probable cause: etherPortSymMonSDThresholdExceededAlarm (2439)	<ul style="list-style-type: none"> • 2.1 • 3.0
Description: The alarm is raised when an Ethernet port Symbol Monitor Failure alarm condition is detected (Signal Degradation Threshold exceeded).		
Raising condition: ('Symbol Alarm Reason' EQUAL 'SD Threshold Exceeded')		
Clearing condition: ('Symbol Alarm Reason' NOT EQUAL 'SD Threshold Exceeded')		
Remedial action: Symbol monitor signal degradation alarm could be cleared by changing/disabling the associated threshold/multiplier values or it is self clearing and will clear once the error rate drops below 1/10th of the configured rate.		

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Table 20-151 PortEtherSymMonSFAlarm

Alarm	Attributes	Applicable major releases
Name: PortEtherSymMonSFAlarm (5663) Type: communicationsAlarm (4) Package: ethernetequipment Raised on class: ethernetequipment.EthernetPortSpecifics	Severity: major Implicitly cleared: true Default probable cause: etherPortSymMonSFThresholdExceededAlarm (2440)	<ul style="list-style-type: none"> • 2.1 • 3.0
Description: The alarm is raised when an Ethernet port Symbol Monitor Failure alarm condition is detected (Signal Failure Threshold exceeded).		
Raising condition: ('Symbol Alarm Reason' EQUAL 'SF Threshold Exceeded')		
Clearing condition: ('Symbol Alarm Reason' NOT EQUAL 'SF Threshold Exceeded')		
Remedial action: Symbol monitor signal failure alarm could be cleared by changing/disabling the associated threshold/multiplier values or by taking the port out of service (eg. shutdown, card/mda reset, physical link loss).		

Table 20-152 PowerSupplyFailure

Alarm	Attributes	Applicable major releases
Name: PowerSupplyFailure (633) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.PowerSupplyTray	Severity: critical Implicitly cleared: true Default probable cause: powerSupplyFailure (117)	<ul style="list-style-type: none"> • 2.1 • 3.0
Description: The alarm is raised when a power-supply tray reports a failure. When the alarm is raised during device discovery, a power-supply tray may be out of service. When the alarm is raised while the device is in the managed state, a power-supply tray may be out of service or the AC power shelf has a fault condition. The alarm clears when the status changes to OK.		
Raising condition: (('Power Supply 1 Status' EQUAL 'Not Equipped') OR ('Power Supply 1 Status' EQUAL 'Failed'))		
Clearing condition: (('Power Supply 1 Status' EQUAL 'OK'))		
Remedial action: Ensure that the NE is properly connected to power. If the problem persists please contact Alcatel-Lucent support for assistance.		

Table 20-153 PowerSupplyInputFeedDown

Alarm	Attributes	Applicable major releases
Name: PowerSupplyInputFeedDown (5422) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.PowerSupplyTray	Severity: minor Implicitly cleared: true Default probable cause: powerSupplyInputFeedDown (2073)	<ul style="list-style-type: none"> • 2.1 • 3.0
Description: This alarm is generated if any one of the input feeds for a given power supply is not supplying power.		
Raising condition: (('inputFeedStatus' EQUAL 'Input A Down') OR ('inputFeedStatus' EQUAL 'Input B Down') OR (('inputFeedStatus'allBits'Input A Down') AND ('inputFeedStatus'allBits'Input B Down'))		

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Alarm	Attributes	Applicable major releases
Clearing condition: ('inputFeedStatus' EQUAL 'None')		
Remedial action: Restore all of the input feeds that are not supplying power.		

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Table 20-154 PowerSupplyRemoved

Alarm	Attributes	Applicable major releases
Name: PowerSupplyRemoved (542) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.PowerSupplyTray	Severity: major Implicitly cleared: true Default probable cause: PowerSupplyRemoved (415)	<ul style="list-style-type: none"> • 2.1 • 3.0
Description: The alarm is raised when a chassis power supply is removed.		
Raising condition: ('Power Supply 1 Status' EQUAL 'Not Equipped')		
Clearing condition: ('Power Supply 1 Status' NOT EQUAL 'Not Equipped')		
Remedial action: To recover from this event, the customer is requested to add a new power supply to the system, or change a faulty power supply with a working one.		

Table 20-155 PrimaryImageBootFailure

Alarm	Attributes	Applicable major releases
Name: PrimaryImageBootFailure (191) Type: configurationAlarm (11) Package: sw Raised on class: sw.CardSoftware	Severity: warning Implicitly cleared: true Default probable cause: bootOptionFileMisconfigured (150)	<ul style="list-style-type: none"> • 2.1 • 3.0
Description: The alarm is raised when the primary software image specified in an NE BOF is unusable.		
Raising condition: (('imageSource' NOT EQUAL 'Primary') AND ('imageSource' NOT EQUAL 'Unknown'))		
Clearing condition: (('imageSource' EQUAL 'Primary') OR ('imageSource' EQUAL 'Unknown'))		
Remedial action: The SW image on the NE may have been inadvertently corrupted. Download a new copy of the SW image to the NE. If the problem persists contact Alcatel-Lucent support for assistance.		

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Table 20-156 PrimaryPathLimitReached

Alarm	Attributes	Applicable major releases
Name: PrimaryPathLimitReached (457) Type: resourceAlarm (28) Package: equipment Raised on class: equipment.DaughterCard	Severity: warning Implicitly cleared: true Default probable cause: resourceLimitReached (131)	<ul style="list-style-type: none"> • 2.1 • 3.0
Description: The alarm is raised when the Ingress Multicast Path Management primary path bandwidth limit is reached.		
Raising condition: (('Primary Path Limit Override' > '0') AND ('Primary Path In use' >= (1000 * 'Primary Path Limit Override'))"		
Clearing condition: (('Primary Path Limit Override' > '0') AND ('Primary Path In use' < (1000 * 'Primary Path Limit Override'))"		
Remedial action: Informational - The alarm is raised when the Ingress Multicast Path Management primary path bandwidth limit is reached. This can be remedied by modifying the primary path limit located at T1 Paths tab of the multicast bandwidth policy which assigned to the card, or increase the primary path limit override located at the Daughter Card tab under Daughter Card Slot form.		

Table 20-157 PTPNotQualified

Alarm	Attributes	Applicable major releases
Name: PTPNotQualified (3611) Type: communicationsAlarm (4) Package: sonet Raised on class: sonet.SiteSync	Severity: minor Implicitly cleared: true Default probable cause: PTPNotQualified (1400)	<ul style="list-style-type: none"> • 2.1 • 3.0
Description: The alarm is raised when PTP on an NE is not in the Qualified state.		
Raising condition: (('Qualified For Use' EQUAL 'Not Qualified'))		
Clearing condition: (('Qualified For Use' NOT EQUAL 'Not Qualified'))		
Remedial action: Check the communication path is up between the local PTP slave clock and its selected master		

Table 20-158 PTPReferenceLossOfSignal

Alarm	Attributes	Applicable major releases
Name: PTPReferenceLossOfSignal (3613) Type: communicationsAlarm (4) Package: sonet Raised on class: sonet.SiteSync	Severity: minor Implicitly cleared: true Default probable cause: PTPReferenceLossOfSignal (1402)	<ul style="list-style-type: none"> • 2.1 • 3.0
Description: The alarm is raised when the PTP reference on an NE is not qualified due to Loss of Signal.		
Raising condition: (('Not Qualified Due To'anyBit'LOS'))		
Clearing condition: NOT (('Not Qualified Due To'anyBit'LOS'))		
Remedial action: Check the communication path is up between the local PTP slave clock and its selected master		

Table 20-159 PTPReferenceOutOfFrequency

Alarm	Attributes	Applicable major releases
Name: PTPReferenceOutOfFrequency (3614) Type: communicationsAlarm (4) Package: sonet Raised on class: sonet.SiteSync	Severity: minor Implicitly cleared: true Default probable cause: PTPReferenceOutOfFrequency (1403)	<ul style="list-style-type: none"> • 2.1 • 3.0
Description: The alarm is raised when the PTP Reference on an NE is not qualified due to Out of frequency.		
Raising condition: (('Not Qualified Due To'anyBit'OOFF'))		
Clearing condition: NOT (('Not Qualified Due To'anyBit'OOFF'))		
Remedial action: Make sure that frequency configured for Reference One is correct.		

Table 20-160 PTPReferenceOutOfPollInRange

Alarm	Attributes	Applicable major releases
Name: PTPReferenceOutOfPollInRange (3615) Type: communicationsAlarm (4) Package: sonet Raised on class: sonet.SiteSync	Severity: minor Implicitly cleared: true Default probable cause: PTPReferenceOutOfPollInRange (1404)	<ul style="list-style-type: none"> • 2.1 • 3.0
Description: The alarm is raised when the PTP Reference on an NE is not qualified state due to Out of poll in range.		
Raising condition: (('Not Qualified Due To'anyBit'OOPIR'))		
Clearing condition: NOT (('Not Qualified Due To'anyBit'OOPIR'))		
Remedial action: If there is packet flow, the PTP slave clock is in it's initial acquiring states where the sync-if-timing reference does not qualify just wait.		

Table 20-161 RadiusOperStatusDown

Alarm	Attributes	Applicable major releases
Name: RadiusOperStatusDown (3692) Type: radiusOperStatusDownAlarm (105) Package: netw Raised on class: netw.NetworkElement	Severity: critical Implicitly cleared: true Default probable cause: radiusOperationStatusDown (1431)	<ul style="list-style-type: none"> • 2.1 • 3.0
Description: The alarm is raised when all RADIUS servers have gone down.		
Raising condition: ('Global RADIUS Operational State' EQUAL 'Down')		
Clearing condition: ('Global RADIUS Operational State' EQUAL 'Up')		
Remedial action: Verify the RADIUS server is properly configured and radius server state is up. Check the connectivity between SAM server and radius server configured on the Network element.		

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Table 20-162 ReachabilityProblem

Alarm	Attributes	Applicable major releases
Name: ReachabilityProblem (243) Type: communicationsAlarm (4) Package: netw Raised on class: netw.NetworkElement	Severity: major Implicitly cleared: true Default probable cause: ReachabilityTestFailed (176)	<ul style="list-style-type: none"> • 2.1 • 3.0
Description: The alarm is raised when a mediation poll of the SysUpTimeAlarm object on an NE fails, for example, because of network congestion or because the NE is too busy to respond. The probable cause is an unreachable NE Mediation agent on the NE. The polling interval depends on the NE type and is configurable in nms-server.xml. By default, the 5620 SAM polls a managed NE every four minutes. If a poll fails, the alarm is raised. The alarm clears when the 5620 SAM receives a response from the NE, and the 5620 SAM GUI icon that represents the NE turns from red to green.		
Raising condition: ('SNMP Reachability' EQUAL 'Down')		
Remedial action: Informational - if the alarm persists or is occurring frequently then investigation is required to understand a) why the underlying transport network is unreliable or b) why the NE is too busy to respond to 5620 SAM or c) has SNMP been disabled on the NE. Once the issue has been resolved SAM will automatically re-attempt.		

Table 20-163 ReconfigFailure

Alarm	Attributes	Applicable major releases
Name: ReconfigFailure (1949) Type: communicationsAlarm (4) Package: netw Raised on class: netw.NetworkElement	Severity: critical Implicitly cleared: true Default probable cause: failedReconfig (937)	<ul style="list-style-type: none"> • 2.1 • 3.0
Description: This alarm is raised when the reconfig action failed.		
Raising condition: ('State' EQUAL 'Failed')		
Clearing condition: ('State' NOT EQUAL 'Failed')		
Remedial action: Verify that the object is configured as expected.		

Table 20-164 RedundantMepMisconfiguration

Alarm	Attributes	Applicable major releases
Name: RedundantMepMisconfiguration (3631) Type: oamAlarm (18) Package: ethernetToam Raised on class: ethernetToam.Mep	Severity: minor Implicitly cleared: true Default probable cause: misconfiguredRedundantMep (1416)	<ul style="list-style-type: none"> • 2.1 • 3.0
Description: The alarm is raised when an Active and Redundant MEP do not have the same ID, Operational MAC Address or Sub Group configured.		
Raising condition: ('validRedundantMepConfig' EQUAL 'false')		
Clearing condition: ('validRedundantMepConfig' EQUAL 'true')		

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Alarm	Attributes	Applicable major releases
Remedial action: MC-LAG redundant MEP configuration (MEP ID or Mac Address) for Active & Standby Interfaces do not match, this could cause issues with CFM or CCM tests if Active interface changes. Delete and Re-create Standby MEP to match Active.		

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Table 20-165 RedundantMepMissing

Alarm	Attributes	Applicable major releases
Name: RedundantMepMissing (3632) Type: oamAlarm (18) Package: ethernetToam Raised on class: ethernetToam.Mep	Severity: minor Implicitly cleared: true Default probable cause: missingRedundantMep (1417)	<ul style="list-style-type: none"> • 2.1 • 3.0
Description: The alarm is raised when a MEP misses a redundant counterpart on LAG or SAP.		
Raising condition: (('MC-LAG Inactive' NOT EQUAL 'Not Applicable') AND ('Redundant MEP' EQUAL '\'))		
Clearing condition: (('MC-LAG Inactive' EQUAL 'Not Applicable') OR (('MC-LAG Inactive' NOT EQUAL 'Not Applicable') AND ('Redundant MEP' NOT EQUAL '\'))		
Remedial action: MC-LAG redundant MEP is missing Active & Standby Interfaces, this will cause issues with CFM or CCM tests if Active interface changes. Create missing Active/Standby MEP to match existing.		

Table 20-166 RemoteMepCCMAAlarm

Alarm	Attributes	Applicable major releases
Name: RemoteMepCCMAAlarm (502) Type: oamAlarm (18) Package: ethernetToam Raised on class: ethernetToam.Mep	Severity: major Implicitly cleared: true Default probable cause: missingRemoteMep (388)	<ul style="list-style-type: none"> • 2.1 • 3.0
Description: The alarm is raised when a MEP loses connectivity with one or more remote MEPs. The Remote MEP DB State tab on a MEP lists the missing remote MEPs.		
Raising condition: ('High-Priority Defect' NOT EQUAL '0')		
Clearing condition: ('High-Priority Defect' EQUAL '0')		
Remedial action: MEP has lost communication with Remote MEP defined in Maintenance Association (MEG) Remote MEP list, Either Remote MEP list is incorrect or diagnose connection fault and resolve.		

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Table 20-167 RemoteRncvOperDown

Alarm	Attributes	Applicable major releases
Name: RemoteRncvOperDown (522) Type: redundancyAlarm (52) Package: multichassis Raised on class: multichassis.MultiChassisRingNode	Severity: major Implicitly cleared: true Default probable cause: remoteRncvDisconnected (397)	<ul style="list-style-type: none"> • 2.1 • 3.0
Description: The alarm is raised when the remote RNCV Operational State of a ring node is other than Connected or NotTested, which means that the ring node is not connected to the local MC ring group. The alarm clears when the ring node enters the Connected or NotTested state.		
Raising condition: (('Remote Operational State' NOT EQUAL 'Connected') AND ('Remote Operational State' NOT EQUAL 'Not Tested'))		
Clearing condition: (('Remote Operational State' EQUAL 'Connected') OR ('Remote Operational State' EQUAL 'Not Tested'))		
Remedial action: Make sure that ring node is properly connected to MC ring group.		

Table 20-168 RouteDistinguisherNotConfigured

Alarm	Attributes	Applicable major releases
Name: RouteDistinguisherNotConfigured (142) Type: configurationAlarm (11) Package: I3fwd Raised on class: I3fwd.ServiceSite	Severity: major Implicitly cleared: true Default probable cause: routeDistinguisherNotConfigured (113)	<ul style="list-style-type: none"> • 2.1 • 3.0
Description: The alarm is raised when no RD is configured for an L3 service site.		
Raising condition: ('routeDistinguisher' EQUAL "\00 00 00 00 00 00 00")		
Clearing condition: ('routeDistinguisher' NOT EQUAL "\00 00 00 00 00 00 00")		
Remedial action: A configuration error has occurred which must be corrected. The RD must be configured on the L3 Service Site in question.		

Table 20-169 S2LPathBypassTunnelActive

Alarm	Attributes	Applicable major releases
Name: S2LPathBypassTunnelActive (777) Type: pathAlarm (12) Package: mpls Raised on class: mpls.S2LPath	Severity: warning Implicitly cleared: true Default probable cause: S2LPathReroutedToBypassTunnel (552)	<ul style="list-style-type: none"> • 2.1 • 3.0
Description: The alarm is raised when the bypass tunnel in an S2L path becomes active. The alarm clears when the bypass tunnel is no longer active, for example, because a primary tunnel failure is resolved or a new path is established.		
Raising condition: ('Bypass Tunnel Active' EQUAL 'true')		
Clearing condition: ('Bypass Tunnel Active' EQUAL 'false')		
Remedial action: Check what caused primary tunnel is down and fix it if possible.		

Table 20-170 S2LPathDown

Alarm	Attributes	Applicable major releases
Name: S2LPathDown (778) Type: pathAlarm (12) Package: mpls Raised on class: mpls.S2LPath	Severity: major Implicitly cleared: true Default probable cause: S2LPathDown (553)	<ul style="list-style-type: none"> • 2.1 • 3.0
Description: The alarm is raised when the S2L path Administrative State is Up and the Operational State is not Up. The alarm clears when the S2L path Operational State changes to Up or the Administrative State changes to Down.		
Raising condition: (('Administrative' EQUAL 'Up') AND ('Operational' NOT EQUAL 'Up'))		
Clearing condition: (('Operational' EQUAL 'Up') OR ('Administrative' NOT EQUAL 'Up'))		
Remedial action: Check the failure code and update accordingly, e.g. whether MPLS/RSVP interfaces, OSPF interfaces are down.		

Table 20-171 SaveConfigFailed

Alarm	Attributes	Applicable major releases
Name: SaveConfigFailed (105) Type: configurationAlarm (11) Package: sw Raised on class: sw.BackupRestoreManager	Severity: major Implicitly cleared: true Default probable cause: fileAccessError (90)	<ul style="list-style-type: none"> • 2.1 • 3.0
Description: The alarm is raised when the admin save command on an NE fails.		
Raising condition: ('Config Save State' EQUAL 'Failure')		
Clearing condition: ('Config Save State' EQUAL 'Success')		
Remedial action: Attempt the admin save command a second time. If the problem persists please contact Alcatel-Lucent support for assistance.		

Table 20-172 ScheduledPollerProblem

Alarm	Attributes	Applicable major releases
Name: ScheduledPollerProblem (4386) Type: communicationsAlarm (4) Package: netw Raised on class: netw.NetworkElement	Severity: warning Implicitly cleared: true Default probable cause: scheduledResyncFailed (1569)	<ul style="list-style-type: none"> • 2.1 • 3.0
Description: The alarm is raised when the 5620 SAM is unable to poll a network object, for example, because of intermittent or no IP connectivity to an NE, incorrect SNMP security parameters, or disabled SNMP on the NE.		
Raising condition: ('Scheduled Resync Status' EQUAL 'Scheduled Resync Failed')		
Clearing condition: ('Scheduled Resync Status' EQUAL 'Scheduled Resync Done')		
Remedial action: Informational - if the alarm persists or is occurring frequently then investigation is required to understand a) why the underlying transport network is unreliable or b) why the NE is too busy to respond to 5620 SAM or c) has SNMP been disabled on the NE. Once the issue has been resolved SAM will automatically re-attempt.		

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Table 20-173 SdpBindingDown

Alarm	Attributes	Applicable major releases
Name: SdpBindingDown (221) Type: SdpBindingAlarm (30) Package: svt Raised on class: svt.SdpBinding	Severity: critical Implicitly cleared: true Default probable cause: SdpBindingNotReady (166)	<ul style="list-style-type: none"> • 2.1 • 3.0
Description: The alarm is raised when an SDP binding has an Operational State other than Up.		
Raising condition: (('Operational State' NOT EQUAL 'Up') AND ('State Cause' NOT EQUAL 'Standby For BGP Multi-Homing'))		
Clearing condition: (('Operational State' EQUAL 'Up') OR ('State Cause' EQUAL 'Standby For BGP Multi-Homing'))		
Remedial action: To resolve this alarm check the SDP binding to determine if a configuration mismatch exists. If configuration is determined to be correct then the associated network interface may be down. Further investigation is required to determine why the underlying network interface is down.		

Table 20-174 SdpBindingTunnelDown

Alarm	Attributes	Applicable major releases
Name: SdpBindingTunnelDown (222) Type: CircuitAlarm (17) Package: svt Raised on class: svt.SdpBinding	Severity: critical Implicitly cleared: true Default probable cause: SdpTunnelNotReady (167)	<ul style="list-style-type: none"> • 2.1 • 3.0
Description: The alarm is raised when an SDP binding tunnel has an Operational State other than Up.		
Raising condition: (('Operational State' EQUAL 'Tunnel Not Ready') OR ('Operational State' EQUAL 'Tunnel Down'))		
Clearing condition: (('Operational State' NOT EQUAL 'Tunnel Not Ready') AND ('Operational State' NOT EQUAL 'Tunnel Down'))		
Remedial action: To resolve this alarm check the endpoints of the SDP binding to determine if a configuration mismatch exists. If configuration matches then the underlying network resource between the endpoints of the SDP may be down. Further investigation is required to determine why the underlying transport network is down.		

Table 20-175 SdpEgressIfsNetDomainInConsistent

Alarm	Attributes	Applicable major releases
Name: SdpEgressIfsNetDomainInConsistent (3616) Type: resourceAlarm (28) Package: svt Raised on class: svt.Tunnel	Severity: warning Implicitly cleared: true Default probable cause: sdpEgressIfsNetDomainInConsistent (1405)	<ul style="list-style-type: none"> • 2.1 • 3.0
Description: The alarm is raised when the SDP egress interface's consistency state changes to inconsistent.		
Raising condition: ('Egress Interfaces Consistency State' EQUAL '3')		
Clearing condition: ('Egress Interfaces Consistency State' EQUAL '2')		
Remedial action: To resolve this alarm check egress interfaces of the SDP configuration. If configuration is determined to be correct check underlying physical transport. Further investigation is required.		

Table 20-176 SecondaryPathLimitReached

Alarm	Attributes	Applicable major releases
Name: SecondaryPathLimitReached (458) Type: resourceAlarm (28) Package: equipment Raised on class: equipment.DaughterCard	Severity: warning Implicitly cleared: true Default probable cause: resourceLimitReached (131)	<ul style="list-style-type: none"> • 2.1 • 3.0
Description: The alarm is raised when the Ingress Multicast Path Management secondary path bandwidth limit is reached.		
Raising condition: (('Secondary Path Limit Override' > '0') AND ('Secondary Path In use' >= (1000 * 'Secondary Path Limit Override'))"		
Clearing condition: (('Secondary Path Limit Override' > '0') AND ('Secondary Path In use' < (1000 * 'Secondary Path Limit Override'))"		
Remedial action: Informational - The alarm is raised when the Ingress Multicast Path Management secondary path bandwidth limit is reached. This can be remedied by modifying the secondary path limit located at T1 Paths tab of the multicast bandwidth policy which assigned to the card, or increase the secondary path limit override located at the Daughter Card tab under Daughter Card Slot form.		

Table 20-177 ServiceSiteDown

Alarm	Attributes	Applicable major releases
Name: ServiceSiteDown (97) Type: serviceAlarm (16) Package: service Raised on class: service.Site	Severity: critical Implicitly cleared: true Default probable cause: siteDown (83)	<ul style="list-style-type: none"> • 2.1 • 3.0
Description: The alarm is raised when all SAPs on a site are operationally down, or when the service tunnels for the site are operationally down.		
Raising condition: (('Operational State' NOT EQUAL 'Up') AND ('State Cause' NOT EQUAL 'All Spoke SDP Bindings are Standby'))"		
Clearing condition: (('Operational State' EQUAL 'Up') OR ('State Cause' EQUAL 'All Spoke SDP Bindings are Standby'))"		
Remedial action: The network resources (i.e. physical ports for SAPs, or physical ports/LSP) associated with the service site should be examined to determine if/why they are operationally down. The underlying transport network supporting the site may also be unreliable.		

Table 20-178 SessionDown

Alarm	Attributes	Applicable major releases
Name: SessionDown (73) Type: ProtocolAlarm (1) Package: rsvp Raised on class: rsvp.Session	Severity: critical Implicitly cleared: true Default probable cause: interfaceDown (32)	<ul style="list-style-type: none"> • 2.1 • 3.0
Description: The alarm is raised when an RSVP session is operationally down.		
Raising condition: ('Operational State' EQUAL 'Down')		
Clearing condition: ('Operational State' EQUAL 'Up')		

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Alarm	Attributes	Applicable major releases
Remedial action: Please check the RSVP session path to make sure all associated protocols/interfaces/connections are OK.		

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Table 20-179 ShamLinkDown

Alarm	Attributes	Applicable major releases
Name: ShamLinkDown (665) Type: ShamLinkAlarm (57) Package: ospf Raised on class: ospf.ShamLink	Severity: critical Implicitly cleared: true Default probable cause: ShamLinkDown (492)	<ul style="list-style-type: none"> • 2.1 • 3.0
Description: The alarm is raised when a sham link is operationally down.		
Raising condition: ('Operational State' EQUAL 'Down')		
Clearing condition: ('Operational State' NOT EQUAL 'Down')		
Remedial action: This alarm is raised when the OSPF sham link is operationally down. The situation may occur if the underlying physical interface is down either because of administrative disabling or a fault on the far end port or due to a cable connection or cable failure. This alarm will also be raised if the underlying transport network fails or is unreliable. Resolving the underlying instability in the transport network will correct this problem.		

Table 20-180 SingleSFMOverloadDetected

Alarm	Attributes	Applicable major releases
Name: SingleSFMOverloadDetected (843) Type: ProtocolAlarm (1) Package: I3fwd Raised on class: I3fwd.Site	Severity: major Implicitly cleared: true Default probable cause: singleSfmOverloadDetected (601)	<ul style="list-style-type: none"> • 2.1 • 3.0
Description: The alarm is raised when a device reports a single-SFM overload. The alarm clears when the VR exits the Overload state.		
Raising condition: ('Overload State' EQUAL 'Overload')		
Clearing condition: ('Overload State' EQUAL 'Normal')		
Remedial action: Information - if the the problem persists please contact Alcatel-Lucent support for assistance.		

Table 20-181 SpbAdjacencyDown

Alarm	Attributes	Applicable major releases
Name: SpbAdjacencyDown (4392) Type: adjacencyAlarm (31) Package: spb Raised on class: spb.AbstractInterface	Severity: minor Implicitly cleared: true Default probable cause: IsisInterfaceDown (232)	<ul style="list-style-type: none"> • 2.1 • 3.0
Description: The alarm is raised when an SPB IS-IS interface has no adjacencies, for example, because the IS-IS protocol on the remote site is down.		
Raising condition: (('Adjacency Count' EQUAL '0L'))		
Clearing condition: (('Adjacency Count' > '0L'))		
Remedial action: Check remote site to see if corresponding IS-IS interface is configured and admin up.		

Table 20-182 SpbInterfaceDown

Alarm	Attributes	Applicable major releases
Name: SpbInterfaceDown (4393) Type: ProtocolAlarm (1) Package: spb Raised on class: spb.AbstractInterface	Severity: warning Implicitly cleared: true Default probable cause: protocolDown (1)	<ul style="list-style-type: none"> • 2.1 • 3.0
Description: The alarm is raised when an SPB IS-IS interface has an Operational State other than Up.		
Raising condition: ('operationalState' EQUAL 'Down')		
Clearing condition: ('operationalState' NOT EQUAL 'Down')		
Remedial action: Check if underlying port is down, or associated network interface is down.		

Table 20-183 SpbSiteDown

Alarm	Attributes	Applicable major releases
Name: SpbSiteDown (4396) Type: ProtocolAlarm (1) Package: spb Raised on class: spb.Site	Severity: critical Implicitly cleared: true Default probable cause: protocolDown (1)	<ul style="list-style-type: none"> • 2.1 • 3.0
Description: The alarm is raised when an SPB site has an Operational State other than Up.		
Raising condition: ('Operational State' NOT EQUAL 'Up')		
Clearing condition: ('Operational State' EQUAL 'Up')		
Remedial action: Check if the administrative state is down. If the administrative state is up, then check the ISIS instance associated with the SPB and make sure it is up.		

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Table 20-184 StatsRetrieveFailed

Alarm	Attributes	Applicable major releases
Name: StatsRetrieveFailed (244) Type: configurationAlarm (11) Package: sw Raised on class: sw.AccountingStatsRetrievalManager	Severity: major Implicitly cleared: false Default probable cause: fileTransferFailure (89)	<ul style="list-style-type: none"> • 2.1 • 3.0
Description: The alarm is raised when the 5620 SAM main or auxiliary server cannot transfer an accounting file from an NE.		
Raising condition: (('Stats Retrieval State' NOT EQUAL 'Success') AND ('Stats Retrieval State' NOT EQUAL 'Not Attempted'))		
Remedial action: Informational - if the alarm persists or is occurring frequently then investigation is required to understand a) why the underlying transport network is unreliable or b) why the NE is too busy or otherwise cannot respond to the 5620 SAM main or auxiliary server.		

Table 20-185 SubscriberSystemNextHopUsageHigh

Alarm	Attributes	Applicable major releases
Name: SubscriberSystemNextHopUsageHigh (5157) Type: thresholdCrossed (6) Package: netw Raised on class: netw.NetworkElement	Severity: minor Implicitly cleared: true Default probable cause: resourceFull (53)	<ul style="list-style-type: none"> • 2.1 • 3.0
Description: The alarm is raised when the IP next-hop usage by subscriber managed routes reaches its high watermark, cleared when it reaches its low watermark again; the watermarks are derived from the limit specified with the property subSysNextHopLimit.		
Raising condition: ('IP Next Hop Usage High' EQUAL 'true')		
Clearing condition: ('IP Next Hop Usage High' EQUAL 'false')		
Remedial action: The alarm is raised when the IP next-hop usage by subscriber managed routes reaches its high watermark, cleared when it reaches its low watermark again; the watermarks are derived from the limit specified with the property subSysNextHopLimit. There is no immediate effect, but when the usage actually hits the limit, new hosts will not get their managed routes.		

Table 20-186 SubSysChassMemoryUsageHi

Alarm	Attributes	Applicable major releases
Name: SubSysChassMemoryUsageHi (5656) Type: thresholdCrossed (6) Package: equipment Raised on class: equipment.Shelf	Severity: minor Implicitly cleared: true Default probable cause: resourceFull (53)	<ul style="list-style-type: none"> • 2.1 • 3.0
Description: This alarm is raised when the memory usage by subscriber management on this system or chassis reaches its high watermark ('true').		
Raising condition: ('Memory Usage High' EQUAL 'True')		

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Alarm	Attributes	Applicable major releases
Clearing condition: (('Memory Usage High' EQUAL 'False') OR ('Memory Usage High' EQUAL 'unspecified'))		
Remedial action: The memory usage by subscriber management on this system has reached its high watermark. Please check your memory usage.		

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Table 20-187 svcMacFdbTableFull

Alarm	Attributes	Applicable major releases
Name: svcMacFdbTableFull (3890) Type: resourceAlarm (28) Package: netw Raised on class: netw.NetworkElement	Severity: major Implicitly cleared: true Default probable cause: resourceLimitReached (131)	<ul style="list-style-type: none"> • 2.1 • 3.0
Description: The alarm is raised when the system limit of FDB records is reached.		
Remedial action: The alarm is raised when system limit of FDB records is reached.		

Table 20-188 TemperatureThresholdCrossed

Alarm	Attributes	Applicable major releases
Name: TemperatureThresholdCrossed (7) Type: environmentalAlarm (2) Package: equipment Raised on class: equipment.Environment	Severity: major Implicitly cleared: true Default probable cause: equipmentOverheated (5)	<ul style="list-style-type: none"> • 2.1 • 3.0
Description: The alarm is raised when a temperature crosses a threshold.		
Raising condition: ('temperatureThresholdCrossed' EQUAL 'true')		
Clearing condition: ('temperatureThresholdCrossed' EQUAL 'false')		
Remedial action: The NE has detected internal temperatures which are abnormally high. This could be caused by a failed fan unit or one or more dirty fan filters. Replacing the failed unit or filters should resolve the problem. Alternately the environment that the NE is operating in may not be within specifications found in the NE user guides.		

Table 20-189 TmnxEqPortEtherLoopDetected

Alarm	Attributes	Applicable major releases
Name: TmnxEqPortEtherLoopDetected (461) Type: portEtherLoopDetected (48) Package: ethernetequipment Raised on class: ethernetequipment.EthernetPortSpecifics	Severity: major Implicitly cleared: true Default probable cause: HighBer (238)	<ul style="list-style-type: none"> • 2.1 • 3.0

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Alarm	Attributes	Applicable major releases
Description: The alarm is raised when a device detects a physical loop on an Ethernet port.		
Raising condition: (('Down When Looped Status' EQUAL 'Loop Detected'))		
Clearing condition: (('Down When Looped Status' EQUAL 'No Loop Detected'))		
Remedial action: An Ethernet port has been mis-cabled - please remove the loopback cable on the port.		

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Table 20-190 TrapDestinationMisconfigured

Alarm	Attributes	Applicable major releases
Name: TrapDestinationMisconfigured (33) Type: configurationAlarm (11) Package: netw Raised on class: netw.NetworkElement	Severity: major Implicitly cleared: true Default probable cause: trapDestinationMisconfigured (26) Applicable probable causes: <ul style="list-style-type: none"> trapDestinationMisconfigured duplicateTrapLogId 	<ul style="list-style-type: none"> 2.1 3.0
Description: The alarm is raised when the 5620 SAM cannot be added to the NE's SNMP trap destinations.		
Raising condition: ('isTrapDestinationMisconfigured' EQUAL 'true')		
Clearing condition: ('isTrapDestinationMisconfigured' EQUAL 'false')		
Remedial action: A configuration error has been made which must be corrected. The SNMP trap destination on the NE must be configured to the IP address of the SAM server.		

Table 20-191 TrapReceivingFailure

Alarm	Attributes	Applicable major releases
Name: TrapReceivingFailure (1083) Type: communications (87) Package: netw Raised on class: netw.NetworkElement	Severity: major Implicitly cleared: false Default probable cause: trapsWillNotBeSent (822)	<ul style="list-style-type: none"> 2.1 3.0
Description: This user-defined alarm is raised when the NE is unable to send traps because the NE configuration is one of the following: - The Management IP Selection is set to Out Of Band Only, the Primary Route Preference is set to In Band, and the Secondary Route Preference is set to None. - The Management IP Selection is set to In Band Only, the Primary Route Preference is set to Out Of Band, and the Secondary Route Preference is set to None.		
Raising condition: (((('Active Management IP' EQUAL 'In Band') AND ('Management IP Selection' EQUAL 'In Band Only') AND ('Primary Route Preference' EQUAL 'Out Of Band') AND ('Secondary Route Preference' EQUAL 'None')) OR (('Active Management IP' EQUAL 'Out Of Band') AND ('Management IP Selection' EQUAL 'Out Of Band Only') AND ('Primary Route Preference' EQUAL 'In Band') AND ('Secondary Route Preference' EQUAL 'None')) OR (('Active Management IP' EQUAL 'Out Of Band') AND ('Management IP Selection' EQUAL 'In Band Preferred') AND ('Primary Route Preference' EQUAL 'In Band') AND ('Secondary Route Preference' EQUAL 'None')) OR (('Active Management IP' EQUAL 'In Band') AND ('Management IP Selection' EQUAL 'Out Of Band Preferred') AND ('Primary Route Preference' EQUAL 'Out Of Band') AND ('Secondary Route Preference' EQUAL 'None'))))		

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Alarm	Attributes	Applicable major releases
<p>Clearing condition: (((('Active Management IP' EQUAL 'In Band') AND ('Management IP Selection' EQUAL 'In Band Only') AND (('Primary Route Preference' EQUAL 'In Band') OR ('Secondary Route Preference' EQUAL 'In Band')))) OR (('Active Management IP' EQUAL 'Out Of Band') AND ('Management IP Selection' EQUAL 'Out Of Band Only') AND (('Primary Route Preference' EQUAL 'Out Of Band') OR ('Secondary Route Preference' EQUAL 'Out Of Band')))) OR (('Active Management IP' EQUAL 'Out Of Band') AND ('Management IP Selection' EQUAL 'In Band Preferred') AND (('Primary Route Preference' EQUAL 'Out Of Band') OR ('Secondary Route Preference' EQUAL 'Out Of Band')))) OR (('Active Management IP' EQUAL 'In Band') AND ('Management IP Selection' EQUAL 'In Band') AND ('Management IP Selection' EQUAL 'In Band Preferred') AND (('Primary Route Preference' EQUAL 'In Band') OR ('Secondary Route Preference' EQUAL 'In Band')))) OR (('Active Management IP' EQUAL 'In Band') AND ('Management IP Selection' EQUAL 'Out Of Band Preferred') AND (('Primary Route Preference' EQUAL 'In Band') OR ('Secondary Route Preference' EQUAL 'In Band')))) OR (('Active Management IP' EQUAL 'Out Of Band') AND ('Management IP Selection' EQUAL 'Out Of Band Preferred') AND (('Primary Route Preference' EQUAL 'Out Of Band') OR ('Secondary Route Preference' EQUAL 'Out Of Band'))))</p>		
<p>Remedial action: A configuration error has been made which must be corrected. The configuration error must be corrected per the discussion in the description for this alarm.</p>		

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Table 20-192 TrapRoutePreferenceRedundancyMissing

Alarm	Attributes	Applicable major releases
<p>Name: TrapRoutePreferenceRedundancyMissing (1084) Type: communications (87) Package: netw Raised on class: netw.NetworkElement</p>	<p>Severity: warning Implicitly cleared: true Default probable cause: trapsRedundancyMissing (823)</p>	<ul style="list-style-type: none"> • 2.1 • 3.0
<p>Description: The user-defined alarm is raised when NE management redundancy is configured without trap route preference redundancy.</p>		
<p>Raising condition: (((('Management IP Selection' EQUAL 'In Band Preferred') AND ('Active Management IP' EQUAL 'In Band') AND ('Primary Route Preference' EQUAL 'In Band') AND ('Secondary Route Preference' EQUAL 'None')) OR (('Management IP Selection' EQUAL 'Out Of Band Preferred') AND ('Active Management IP' EQUAL 'Out Of Band') AND ('Primary Route Preference' EQUAL 'Out Of Band') AND ('Secondary Route Preference' EQUAL 'None'))))</p>		
<p>Clearing condition: (((('Management IP Selection' EQUAL 'In Band Preferred') AND ('Active Management IP' EQUAL 'In Band') AND ('Secondary Route Preference' NOT EQUAL 'None')) OR (('Management IP Selection' EQUAL 'Out Of Band Preferred') AND ('Active Management IP' EQUAL 'Out Of Band') AND ('Secondary Route Preference' NOT EQUAL 'None'))))</p>		
<p>Remedial action: A configuration error has been made which must be corrected. The IP address of the standby SAM server must be configured on the NE in question.</p>		

Table 20-193 TunnelAdministrativelyDown (mpls)

Alarm	Attributes	Applicable major releases
<p>Name: TunnelAdministrativelyDown (523) Type: pathAlarm (12) Package: mpls Raised on class: mpls.Tunnel</p>	<p>Severity: minor Implicitly cleared: true Default probable cause: tunnelAdministrativelyDown (333)</p>	<ul style="list-style-type: none"> • 2.1 • 3.0
<p>Description: The alarm is raised when the 5620 SAM detects that an MPLS path is administratively down.</p>		
<p>Raising condition: ('Administrative' NOT EQUAL 'Up')</p>		

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Alarm	Attributes	Applicable major releases
Clearing condition: ('Administrative' EQUAL 'Up')		
Remedial action: Turn up the corresponding MPLS path.		

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Table 20-194 TunnelAdministrativelyDown (svt)

Alarm	Attributes	Applicable major releases
Name: TunnelAdministrativelyDown (523) Type: pathAlarm (12) Package: svt Raised on class: svt.Tunnel	Severity: minor Implicitly cleared: true Default probable cause: tunnelAdministrativelyDown (333)	<ul style="list-style-type: none"> • 2.1 • 3.0
Description: The alarm is raised when the 5620 SAM detects that a service tunnel is administratively down.		
Raising condition: ('administrativeState' NOT EQUAL 'Up')		
Clearing condition: ('administrativeState' EQUAL 'Up')		
Remedial action: Informational - an operator has manually turned down a service tunnel.		

Table 20-195 TunnelDown (mpls)

Alarm	Attributes	Applicable major releases
Name: TunnelDown (30) Type: pathAlarm (12) Package: mpls Raised on class: mpls.Tunnel	Severity: warning Implicitly cleared: true Default probable cause: tunnelDown (23)	<ul style="list-style-type: none"> • 2.1 • 3.0
Description: The alarm is raised when an MPLS path has an Operational State other than Up, and the Administrative State is Up.		
Raising condition: (('Administrative' EQUAL 'Up') AND ('Operational' NOT EQUAL 'Up'))		
Clearing condition: (('Operational' EQUAL 'Up') OR ('Administrative' NOT EQUAL 'Up'))		
Remedial action: Check the network resources along the path.		

Table 20-196 TunnelDown (svt)

Alarm	Attributes	Applicable major releases
Name: TunnelDown (30) Type: pathAlarm (12) Package: svt Raised on class: svt.AbstractTunnel	Severity: critical Implicitly cleared: true Default probable cause: tunnelDown (23)	<ul style="list-style-type: none"> • 2.1 • 3.0

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Alarm	Attributes	Applicable major releases
Description: The alarm is raised when the 5620 SAM detects that a service tunnel is operationally down.		
Raising condition: (('Administrative' EQUAL 'Up') AND ('Operational' NOT EQUAL 'Up'))		
Clearing condition: (('Operational' EQUAL 'Up') OR ('Administrative' NOT EQUAL 'Up'))		
Remedial action: This alarm indicates that a problem has been made in the underlying transport network. If the alarm persists or re-occurs frequently then investigation of the underlying transport issues is warranted.		

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Table 20-197 UnidentifiedNode

Alarm	Attributes	Applicable major releases
Name: UnidentifiedNode (1922) Type: communicationsAlarm (4) Package: netw Raised on class: netw.DiscoveredNode	Severity: major Implicitly cleared: true Default probable cause: unidentifiedNode (922)	<ul style="list-style-type: none"> • 2.1 • 3.0
Description: The alarm is raised when the node being discovered can not be properly identified.		
Raising condition: ('State' EQUAL 'Pending Identification')		
Clearing condition: ('State' NOT EQUAL 'Pending Identification')		
Remedial action: A configuration error has occurred that must be corrected. The eNodeB does not have a system name. The name can be configured by selecting the alarm, opening the associated properties form for the alarmed object and configuring the system name.		

Table 20-198 UnmanageFailed

Alarm	Attributes	Applicable major releases
Name: UnmanageFailed (300) Type: discoveryControlAlarm (33) Package: netw Raised on class: netw.NodeDiscoveryControl	Severity: warning Implicitly cleared: true Default probable cause: unableToDeleteNode (231)	<ul style="list-style-type: none"> • 2.1 • 3.0
Description: The alarm is raised when an attempt to unmanage an NE fails.		
Raising condition: ('Site State' EQUAL 'Unmanage Failed')		
Clearing condition: ('Site State' NOT EQUAL 'Unmanage Failed')		
Remedial action: Informational - if the alarm persists please contact Alcatel-Lucent support for assistance		

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Table 20-199 UpgradedBuildVersionMismatch

Alarm	Attributes	Applicable major releases
Name: UpgradedBuildVersionMismatch (174) Type: configurationAlarm (11) Package: netw Raised on class: netw.NetworkElement	Severity: warning Implicitly cleared: true Default probable cause: upgradedImageNotBooted (137)	<ul style="list-style-type: none"> • 2.1 • 3.0
Description: The alarm is raised when the software version that an NE reports after a software upgrade does not match the version of the software used for the upgrade.		
Raising condition: ('upgradedBuildVersionMismatch' EQUAL 'true')		
Clearing condition: ('upgradedBuildVersionMismatch' EQUAL 'false')		
Remedial action: Informational - if the alarm persists please contact Alcatel-Lucent support for assistance		

Table 20-200 upgradedCardAlarm

Alarm	Attributes	Applicable major releases
Name: upgradedCardAlarm (255) Type: softwareAlarm (19) Package: equipment Raised on class: equipment.Card	Severity: warning Implicitly cleared: true Default probable cause: upgradedCard (194)	<ul style="list-style-type: none"> • 2.1 • 3.0
Description: The alarm is raised when the standby CPM is rebooted and operational after a software upgrade. A device resets an IOM automatically after 120 minutes if the IOM is not manually reset after a CPM upgrade.		
Raising condition: ('operationalState' EQUAL 'Upgrade')		
Clearing condition: ('operationalState' EQUAL 'Up')		
Remedial action: Informational - no corrective action required.		

Table 20-201 VersionConfigRestoreFailed

Alarm	Attributes	Applicable major releases
Name: VersionConfigRestoreFailed (536) Type: configurationAlarm (11) Package: sw Raised on class: sw.BackupRestoreManager	Severity: major Implicitly cleared: true Default probable cause: versionMismatch (405)	<ul style="list-style-type: none"> • 2.1 • 3.0
Description: The alarm is raised when the restore procedure on an NE fails because of a mismatch between the backup file set version and the NE software version.		
Raising condition: ('lastNmsVersionRestoreState' EQUAL 'Failure')		
Clearing condition: ('lastNmsVersionRestoreState' EQUAL 'Success')		
Remedial action: The backup files being restored do not match with the version of node software release. Download a new copy of the SW image to the NE. If the problem persists contact Alcatel-Lucent support for assistance.		

Table 20-202 VirtualLinkDown

Alarm	Attributes	Applicable major releases
Name: VirtualLinkDown (122) Type: VirtualLinkAlarm (21) Package: ospf Raised on class: ospf.VirtualLink	Severity: warning Implicitly cleared: true Default probable cause: VirtualLinkDown (104)	<ul style="list-style-type: none"> • 2.1 • 3.0
Description: The alarm is raised when a virtual link is Down.		
Raising condition: ('Operational State' EQUAL 'Down')		
Clearing condition: ('Operational State' NOT EQUAL 'Down')		
Remedial action: This alarm is raised when the OSPF virtual link is operationally down. The situation may occur if the underlying physical interface is down either because of administrative disabling or a fault on the far end port or due to a cable connection or cable failure. This alarm will also be raised if the underlying transport network fails or is unreliable. Resolving the underlying instability in the transport network will correct this problem.		

Table 20-203 VirtualNeighborDown

Alarm	Attributes	Applicable major releases
Name: VirtualNeighborDown (123) Type: VirtualNeighborDown (22) Package: ospf Raised on classes: <ul style="list-style-type: none"> • ospf.ShamLink • ospf.VirtualLink 	Severity: warning Implicitly cleared: true Default probable cause: VirtualNeighborDown (105)	<ul style="list-style-type: none"> • 2.1 • 3.0
Description: The alarm is raised when a neighbor virtual link is operationally down.		
Raising condition: ('neighborCount' EQUAL '0L')		
Clearing condition: ('neighborCount' NOT EQUAL '0L')		
Remedial action: This alarm is raised when the OSPF neighbor virtual link is operationally down. The situation may occur if the underlying physical interface is down either because of administrative disabling or a fault on the far end port or due to a cable connection or cable failure. This alarm will also be raised if the underlying transport network fails or is unreliable. Resolving the underlying instability in the transport network will correct this problem.		

Table 20-204 WrongCpaaSoftwareVersion

Alarm	Attributes	Applicable major releases
Name: WrongCpaaSoftwareVersion (791) Type: equipmentAlarm (3) Package: netw Raised on class: netw.NetworkElement	Severity: critical Implicitly cleared: true Default probable cause: wrongCpaaSoftwareVersion (559)	<ul style="list-style-type: none"> • 2.1 • 3.0
Description: The alarm is raised when the 7701 CPAA software is the wrong version and requires an upgrade.		
Raising condition: (('Software Version' EQUAL "\"TiMOS-B-3.0.Generic \") AND ('Chassis Type' EQUAL '7701 CPAA'))		

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Alarm	Attributes	Applicable major releases
Clearing condition: (('Software Version' NOT EQUAL '\TIMOS-B-3.0.Generic \') AND ('Chassis Type' EQUAL '7701 CPAA'))		
Remedial action: The SW version of the CPAA must be upgraded to the version compatible with CPAM version.		

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Table 20-205 XplError

Alarm	Attributes	Applicable major releases
Name: XplError (573) Type: hardwareAnomaly (55) Package: equipment Raised on class: equipment.DaughterCard	Severity: minor Implicitly cleared: true Default probable cause: xplError (443)	<ul style="list-style-type: none"> • 2.1 • 3.0
Description: The alarm is raised when an MDA reports persistent XPL Errors.		
Raising condition: ('Number Of Notifications' NOT EQUAL '0')		
Clearing condition: ('Number Of Notifications' EQUAL '0')		
Remedial action: Informational - if the condition persists then the MDA indicated in the alarm should be replaced.		

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Note – Some alarms that the 5620 SAM can raise against this device may not be listed in this chapter. Associating alarms with specific NE types is an ongoing Alcatel-Lucent effort. If the 5620 SAM raises an alarm against this device type, and the alarm is not described in this chapter, see chapter 41 for information about the alarm.

Table 21-1 AccessInterfaceDown

Alarm	Attributes	Applicable major releases
Name: AccessInterfaceDown (249) Type: AccessInterfaceAlarm (32) Package: service Raised on class: service.AccessInterface	Severity: critical Implicitly cleared: true Default probable cause: interfaceDown (32)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 11.0.R4 • 12.0
Description: The alarm is raised when an L2 or L3 interface operational state is Down. The alarm is not raised against an L2 access interface that is associated with an MC ring or MC LAG in the standby state.		
Raising condition: (('Operational State' NOT EQUAL 'Up') AND ('State Cause' NOT EQUAL 'Standby For MC-Ring') AND ('State Cause' NOT EQUAL 'Standby For MC-Lag') AND ('State Cause' NOT EQUAL 'Standby For BGP Multi-homing'))		
Clearing condition: (('Operational State' EQUAL 'Up') OR ('State Cause' EQUAL 'Standby For MC-Ring') OR ('State Cause' EQUAL 'Standby For MC-Lag') OR ('State Cause' EQUAL 'Standby For BGP Multi-homing'))		
Remedial action: The condition exists because the physical interface is down either because it is administratively disabled, faulty or a cabling fault has occurred. Ensure that the interface is administratively up. Check for a poor cable connection to the port or for a faulty cable/fiber. If neither appears to be the problem run diagnostics on the port to determine if it is faulty.		

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Table 21-2 ActiveAbnormalCondition

Alarm	Attributes	Applicable major releases
Name: ActiveAbnormalCondition (3938) Type: activeAbnormalConditionAlarm (116) Package: netw Raised on class: netw.NetworkElement	Severity: major Implicitly cleared: true Default probable cause: ActiveAbnormalConditionState (1520)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 11.0.R4 • 12.0
Description: The alarm is an indication for abnormal condition on NE.		
Raising condition: ('abnormalCondition' EQUAL 'true')		
Clearing condition: ('abnormalCondition' EQUAL 'false')		
Remedial action: This alarm is raised when there is a abnormal state indication on NE.		

Table 21-3 AggregatedVFLPortDown

Alarm	Attributes	Applicable major releases
Name: AggregatedVFLPortDown (5436) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.Shelf	Severity: critical Implicitly cleared: true Default probable cause: connectivityIssue (2137)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 11.0.R4 • 12.0
Description: The alarm is generated when the aggregated virtual fabric link on the virtual chassis slot is down.		
Raising condition: (('Shelf Type' EQUAL '7850') AND ('Total Slots' EQUAL '4') AND ('Virtual Fabric Link State' NOT EQUAL 'Up'))		
Clearing condition: (('Shelf Type' EQUAL '7850') AND ('Total Slots' EQUAL '4') AND ('Virtual Fabric Link State' EQUAL 'Up'))		
Remedial action: The alarm is raised when the aggregated virtual fabric link on the virtual chassis is down. Please check the virtual fabric links for the virtual chassis setup.		

Table 21-4 AGWDiameterPeerDown

Alarm	Attributes	Applicable major releases
Name: AGWDiameterPeerDown (844) Type: EpcAlarm (59) Package: Ite Raised on class: Ite.AGWDiameterPeer	Severity: variable Implicitly cleared: true Default probable cause: EPSPeerDown (602)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 11.0.R4 • 12.0
Description: The alarm is raised when the path management state of a Diameter peer changes to a state other than Up.		
Raising condition: ('Path Diameter Management State' NOT EQUAL 'Active')		
Clearing condition: ('Path Diameter Management State' EQUAL 'Active')		
Remedial action: A Ga reference point (peer) is operationally down for one of the following reasons: the underlying IP or physical interface is down, the far end peer is down or the underlying transport between this NE and the peer NE is down. To resolve the issue ensure that the IP/physical interface is up, check that the far end peer is operational and check that the underlying transport network is up.		

Table 21-5 AncillaryPathLimitReached

Alarm	Attributes	Applicable major releases
Name: AncillaryPathLimitReached (459) Type: resourceAlarm (28) Package: equipment Raised on class: equipment.DaughterCard	Severity: warning Implicitly cleared: true Default probable cause: resourceLimitReached (131)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 11.0.R4 • 12.0
Description: The alarm is raised when the Ingress Multicast Path Management ancillary path bandwidth limit is reached.		
Raising condition: (('Ancillary Path Limit Override' > '0') AND ('Ancillary Path In use' >= (1000 * 'Ancillary Path Limit Override'))"		
Clearing condition: (('Ancillary Path Limit Override' > '0') AND ('Ancillary Path In use' < (1000 * 'Ancillary Path Limit Override'))"		
Remedial action: Informational - The alarm is raised when the Ingress Multicast Path Management ancillary path bandwidth limit is reached. This can be remedied by modifying the ancillary path limit located at T1 Paths tab of the multicast bandwidth policy which assigned to the card, or increase the ancillary path limit override located at the Daughter Card tab under Daughter Card Slot form.		

Table 21-6 AreaTypeMismatch

Alarm	Attributes	Applicable major releases
Name: AreaTypeMismatch (38) Type: configurationAlarm (11) Package: ospf Raised on class: ospf.Area	Severity: warning Implicitly cleared: true Default probable cause: areaTypeMisconfigured (34)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 11.0.R4 • 12.0
Description: The alarm is raised when an OSPF area on one NE is configured as an NSSA and the same OSPF area on another NE is configured as a stub area.		
Raising condition: ('Type Mismatch' EQUAL 'true')		
Clearing condition: ('Type Mismatch' EQUAL 'false')		
Remedial action: A configuration error has been made which must be corrected. The OSPF area type configured for the NE does not match with the same OSPF area configured on another NE. Compare the configuration on the endpoint and correct the mismatch.		

Table 21-7 AsymmetricalConfig (lag)

Alarm	Attributes	Applicable major releases
Name: AsymmetricalConfig (295) Type: configurationAlarm (11) Package: lag Raised on classes: <ul style="list-style-type: none"> • lag.MultiChassisLag • lag.MultiChassisLagMember 	Severity: major Implicitly cleared: true Default probable cause: asymmetricalConfig (226)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 11.0.R4 • 12.0
Description: The alarm is raised when the members of an MC LAG do not have matching configurations.		
Raising condition: ('configMismatches' NOT EQUAL '0L')		

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Alarm	Attributes	Applicable major releases
Clearing condition: ('configMismatches' EQUAL '0L')		
Remedial action: Check configurations on both members to see anything not matched.		

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Table 21-8 AsymmetricalConfig (multichassis)

Alarm	Attributes	Applicable major releases
Name: AsymmetricalConfig (295) Type: configurationAlarm (11) Package: multichassis Raised on classes: <ul style="list-style-type: none"> • multichassis.AbstractMultiChassisLag • multichassis.MultiChassisLagMember • multichassis.AbstractMultiChassisPeer 	Severity: major Implicitly cleared: true Default probable cause: asymmetricalConfig (226)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 11.0.R4 • 12.0
Description: The alarm is raised when there is a peer configuration mismatch that prevents MC operation.		
Raising condition: ('Config Mismatches' NOT EQUAL '0L')		
Clearing condition: ('Config Mismatches' EQUAL '0L')		
Remedial action: Check configurations on both members to see anything not matched.		

Table 21-9 AtcaPowerSupplyFailure

Alarm	Attributes	Applicable major releases
Name: AtcaPowerSupplyFailure (1125) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.PowerSupply	Severity: critical Implicitly cleared: true Default probable cause: fanFailure (116)	<ul style="list-style-type: none"> • 11.0 • 11.0.R4 • 12.0
Description: The alarm is raised when the associated power supply is not operationally Up.		
Raising condition: (('operationalState' EQUAL 'Disabled')		
Clearing condition: ('operationalState' EQUAL 'Enabled')		
Remedial action: Check the status of the site power supply.		

Table 21-10 AuthKeyConflict (rsvp)

Alarm	Attributes	Applicable major releases
Name: AuthKeyConflict (5188) Type: processingErrorAlarm (81) Package: rsvp Raised on class: rsvp.AuthenticationKey	Severity: warning Implicitly cleared: true Default probable cause: AuthKeyConflict (2103)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 11.0.R4 • 12.0
Description: The alarm is raised when both Authentication Key and RSVP Keychain are configured. RSVP Keychain will be used.		
Raising condition: (('RSVP Keychain' NOT EQUAL '\\"') AND ('enableAuthentication' EQUAL 'true'))		
Clearing condition: (('RSVP Keychain' EQUAL '\\"') OR ('enableAuthentication' NOT EQUAL 'true'))		
Remedial action: Authentication Key and RSVP Keychain are both configured. RSVP Keychain will be used. The alarm is cleared when only one is configured.		

Table 21-11 AuxiliaryServerStatus

Alarm	Attributes	Applicable major releases
Name: AuxiliaryServerStatus (311) Type: communicationsAlarm (4) Package: server Raised on class: server.AuxiliaryServer	Severity: critical Implicitly cleared: true Default probable cause: systemFailed (144)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 11.0.R4 • 12.0
Description: The alarm is raised when a 5620 SAM main server cannot communicate with an auxiliary server. The alarm clears when communication is restored.		
Raising condition: ('Server Status' EQUAL 'Down')		
Clearing condition: ('Server Status' EQUAL 'Up')		
Remedial action: Informational - if the alarm persists or is occurring frequently then investigation is required to understand why the connectivity between the AUX and SAM servers is unreliable.		

Table 21-12 BerLineSignalDegradation

Alarm	Attributes	Applicable major releases
Name: BerLineSignalDegradation (88) Type: communicationsAlarm (4) Package: sonetequipment Raised on class: sonetequipment.SonetPortMonitorSpecifics	Severity: major Implicitly cleared: true Default probable cause: berLineSignalDegradation (74)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 11.0.R4 • 12.0
Description: The alarm is raised when a SONET port reports a line signal degradation BER error. The alarm corresponds to the lb2er-sd alarm on an NE.		
Raising condition: (('Outstanding Alarms'anyBit'BER Line Signal Degradation') AND ('Report Alarms'anyBit'BER Line Signal Degradation'))		

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Alarm	Attributes	Applicable major releases
Clearing condition: NOT (('Outstanding Alarms'anyBit'BER Line Signal Degradation') AND ('Report Alarms'anyBit'BER Line Signal Degradation'))		
Remedial action: Informational only.		

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Table 21-13 BerLineSignalFailure

Alarm	Attributes	Applicable major releases
Name: BerLineSignalFailure (89) Type: communicationsAlarm (4) Package: sonetequipment Raised on class: sonetequipment.SonetPortMonitorSpecifics	Severity: major Implicitly cleared: true Default probable cause: berLineSignalFailure (75)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 11.0.R4 • 12.0
Description: The alarm is raised when a SONET port reports a line signal degradation BER error. The alarm corresponds to the lb2er-sf alarm on an NE.		
Raising condition: (('Outstanding Alarms'anyBit'BER Line Signal Failure') AND ('Report Alarms'anyBit'BER Line Signal Failure'))		
Clearing condition: NOT (('Outstanding Alarms'anyBit'BER Line Signal Failure') AND ('Report Alarms'anyBit'BER Line Signal Failure'))		
Remedial action: Informational only.		

Table 21-14 BfdInterfaceConnectionBroken

Alarm	Attributes	Applicable major releases
Name: BfdInterfaceConnectionBroken (3329) Type: serviceAlarm (16) Package: vrrp Raised on class: vrrp.BfdInterface	Severity: minor Implicitly cleared: true Default probable cause: bfdSessionConnectionBroken (593)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 11.0.R4 • 12.0
Description: The alarm is raised when the BFD connection to a peer times out.		
Raising condition: ('Operational State' EQUAL 'Timed Out')		
Clearing condition: ('Operational State' NOT EQUAL 'Timed Out')		
Remedial action: Check the peer router, fix the BFD connection		

Table 21-15 BfdInterfaceConnectionDown

Alarm	Attributes	Applicable major releases
Name: BfdInterfaceConnectionDown (3330) Type: serviceAlarm (16) Package: vrrp Raised on class: vrrp.BfdInterface	Severity: minor Implicitly cleared: true Default probable cause: bfdSessionDown (346)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 11.0.R4 • 12.0
Description: The alarm is raised when the Operational State of a BFD session is Not Connected.		
Raising condition: ('Operational State' NOT EQUAL 'Operational')		
Clearing condition: ('Operational State' EQUAL 'Operational')		
Remedial action: Check the BFD interface configuration, fix the BFD connection		

Table 21-16 BfdInterfaceConnectionPeerDetectsDown

Alarm	Attributes	Applicable major releases
Name: BfdInterfaceConnectionPeerDetectsDown (3331) Type: serviceAlarm (16) Package: vrrp Raised on class: vrrp.BfdInterface	Severity: minor Implicitly cleared: true Default probable cause: bfdSessionConnectionPeerDetectsDown (594)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 11.0.R4 • 12.0
Description: The alarm is raised when a BFD peer detects a connection timeout.		
Raising condition: ('Operational State' EQUAL 'Down')		
Clearing condition: ('Operational State' NOT EQUAL 'Down')		
Remedial action: Fix the BFD connection		

Table 21-17 BgpDown

Alarm	Attributes	Applicable major releases
Name: BgpDown (6) Type: ProtocolAlarm (1) Package: bgp Raised on class: bgp.Site	Severity: critical Implicitly cleared: true Default probable cause: protocolDown (1)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 11.0.R4 • 12.0
Description: The alarm is raised when a BGP instance has an Operational State other than Up, and the Administrative State is Up.		
Raising condition: (('Administrative State' EQUAL 'Up') AND ('Operational State' NOT EQUAL 'Up'))		
Clearing condition: (('Operational State' EQUAL 'Up') OR ('Administrative State' NOT EQUAL 'Up'))		
Remedial action: The BGP protocol entity is down - administratively disable BGP and re-enable. If the problem persists please contact Alcatel-Lucent support for assistance.		

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Table 21-18 BITS2NotQualified

Alarm	Attributes	Applicable major releases
Name: BITS2NotQualified (1941) Type: communicationsAlarm (4) Package: sonet Raised on class: sonet.SiteSync	Severity: minor Implicitly cleared: true Default probable cause: timingReferenceNotQualified (418)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 11.0.R4 • 12.0
Description: The alarm is raised when the BITS-2 timing reference on an NE is not in the Qualified state.		
Raising condition: (('Qualified For Use' EQUAL 'Not Qualified') AND ('Input Administrative State' NOT EQUAL 'Down'))		
Clearing condition: (('Qualified For Use' NOT EQUAL 'Not Qualified') OR ('Input Administrative State' EQUAL 'Down'))		
Remedial action: Make sure that BITS2 is qualified		

Table 21-19 BITSNotQualified

Alarm	Attributes	Applicable major releases
Name: BITSNotQualified (547) Type: communicationsAlarm (4) Package: sonet Raised on class: sonet.SiteSync	Severity: minor Implicitly cleared: true Default probable cause: timingReferenceNotQualified (418)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 11.0.R4 • 12.0
Description: The alarm is raised when the BITS timing reference on an NE is not in the Qualified state.		
Raising condition: (('Qualified For Use' EQUAL 'Not Qualified') AND ('Output Administrative State' NOT EQUAL 'Down'))		
Clearing condition: (('Qualified For Use' NOT EQUAL 'Not Qualified') OR ('Output Administrative State' EQUAL 'Down'))		
Remedial action: Make sure that BITS is qualified		

Table 21-20 BITSReferenceLossOfSignal

Alarm	Attributes	Applicable major releases
Name: BITSReferenceLossOfSignal (1950) Type: communicationsAlarm (4) Package: sonet Raised on class: sonet.SiteSync	Severity: minor Implicitly cleared: true Default probable cause: BITSReferenceLossOfSignal (938)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 11.0.R4 • 12.0
Description: The alarm is raised when the BITS reference on an NE is not qualified due to Loss of Signal.		
Raising condition: (('Not Qualified Due To'anyBit'LOS'))		
Clearing condition: NOT (('Not Qualified Due To'anyBit'LOS'))		
Remedial action: Make sure that peer connected to BITS is properly configured.		

Table 21-21 BITSReferenceOutOfFrequency

Alarm	Attributes	Applicable major releases
Name: BITSReferenceOutOfFrequency (1951) Type: communicationsAlarm (4) Package: sonet Raised on class: sonet.SiteSync	Severity: minor Implicitly cleared: true Default probable cause: BITSReferenceOutOfFrequency (939)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 11.0.R4 • 12.0
Description: The alarm is raised when the BITS Reference on an NE is not qualified due to Out of frequency.		
Raising condition: (('Not Qualified Due To'anyBit'OOFF'))		
Clearing condition: NOT (('Not Qualified Due To'anyBit'OOFF'))		
Remedial action: Make sure that frequency configured for BITS is correct.		

Table 21-22 BITSReferenceOutOfPollInRange

Alarm	Attributes	Applicable major releases
Name: BITSReferenceOutOfPollInRange (1952) Type: communicationsAlarm (4) Package: sonet Raised on class: sonet.SiteSync	Severity: minor Implicitly cleared: true Default probable cause: BITSReferenceOutOfPollInRange (940)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 11.0.R4 • 12.0
Description: The alarm is raised when the BITS Reference on an NE is not qualified state due to Out of poll in range.		
Raising condition: (('Not Qualified Due To'anyBit'OOPIR'))		
Clearing condition: NOT (('Not Qualified Due To'anyBit'OOPIR'))		
Remedial action: Check the BITS is configured correctly. Check the SONET port is configured correctly and that the physical layer cabling is operating correctly. Call customer support if necessary		

Table 21-23 BootableConfigBackupFailed

Alarm	Attributes	Applicable major releases
Name: BootableConfigBackupFailed (103) Type: configurationAlarm (11) Package: sw Raised on class: sw.BackupRestoreManager	Severity: major Implicitly cleared: true Default probable cause: fileTransferFailure (89)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 11.0.R4 • 12.0
Description: The alarm is raised when the 5620 SAM fails to back up a set of NE configuration files.		
Raising condition: ('Backup State' EQUAL 'Failure')		
Clearing condition: ('Backup State' EQUAL 'Success')		
Remedial action: Investigation is required to resolve the following possible scenarios: insufficient disk space is available to accommodate the NE configuration files (additional SAM platform alarms will accompany this alarm); the NE is unreachable (including underlying transport network issue); loss of connectivity to the NE during transfer; the FTP daemon on the NE may have stopped; FTP security credential issues.		

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Table 21-24 BootableConfigRestoreFailed

Alarm	Attributes	Applicable major releases
Name: BootableConfigRestoreFailed (104) Type: configurationAlarm (11) Package: sw Raised on class: sw.BackupRestoreManager	Severity: major Implicitly cleared: true Default probable cause: fileTransferFailure (89)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 11.0.R4 • 12.0
Description: The alarm is raised when the 5620 SAM fails to restore a set of NE configuration files.		
Raising condition: ('Restore State' EQUAL 'Failure')		
Clearing condition: ('Restore State' EQUAL 'Success')		
Remedial action: Investigation is required to resolve the following possible scenarios: the NE is unreachable (including underlying transport network issue); loss of connectivity to the NE during transfer; the FTP daemon on the NE may have stopped; FTP security credential issues.		

Table 21-25 BootParametersMisconfigured

Alarm	Attributes	Applicable major releases
Name: BootParametersMisconfigured (35) Type: configurationAlarm (11) Package: netw Raised on class: netw.NetworkElement	Severity: critical Implicitly cleared: true Default probable cause: persistentIndexFailure (30) Applicable probable causes: <ul style="list-style-type: none"> • persistentIndexFailure • configFileBootFailure 	<ul style="list-style-type: none"> • 10.0 • 11.0 • 11.0.R4 • 12.0
Description: The alarm is raised when the SNMP Index Boot Status on an NE is not set to Persistent.		
Raising condition: (('isGenericNode' EQUAL 'false') AND ('State' NOT EQUAL 'Pre-provisioned') AND (((('Config File Status' NOT EQUAL 'Executed Successfully') AND ('Config File Status' NOT EQUAL 'configFileStatus_unspecified')) OR (('Persistent Index Status' NOT EQUAL 'Rebuild Succeeded') AND ('Persistent Index Status' NOT EQUAL 'persistentIndexStatus_unspecified'))))		
Clearing condition: (('Config File Status' EQUAL 'Executed Successfully') AND ('Persistent Index Status' EQUAL 'Rebuild Succeeded'))		
Remedial action: Ensure that "SNMP Index Boot Status" is persistent (using cli command "show system information" on the NE). If not, unmanage the network element from SAM, ensure that "persist on" is set in the bof file, save the bof, save a config file, verify that an index file (.ndx) is saved as well, reboot the router, verify that SNMP Index Boot Status is persistent and finally remanage the router from SAM.		

Table 21-26 CesBfrOverrun

Alarm	Attributes	Applicable major releases
Name: CesBfrOverrun (448) Type: communicationsAlarm (4) Package: vll Raised on class: vll.VllCesInterfaceSpecifics	Severity: major Implicitly cleared: true Default probable cause: bufferOverrun (322)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 11.0.R4 • 12.0
Description: The alarm is raised when the 5620 SAM detects a jitter buffer overrun.		

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Alarm	Attributes	Applicable major releases
Raising condition: (('Report Alarm Status'anyBit'Buffer Overrun') AND ('Report Alarm'anyBit'Buffer Overrun'))		
Clearing condition: NOT (('Report Alarm Status'anyBit'Buffer Overrun') AND ('Report Alarm'anyBit'Buffer Overrun'))		
Remedial action: Informational - if the alarm persists or is occurring frequently then investigation is required to understand why the underlying transport network is unreliable.		

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Table 21-27 CesBfrUnderrun

Alarm	Attributes	Applicable major releases
Name: CesBfrUnderrun (449) Type: communicationsAlarm (4) Package: vll Raised on class: vll.VIIcesInterfaceSpecifics	Severity: major Implicitly cleared: true Default probable cause: bufferOverrun (322)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 11.0.R4 • 12.0
Description: The alarm is raised when the 5620 SAM detects a jitter buffer underrun.		
Raising condition: (('Report Alarm Status'anyBit'Buffer Underrun') AND ('Report Alarm'anyBit'Buffer Underrun'))		
Clearing condition: NOT (('Report Alarm Status'anyBit'Buffer Underrun') AND ('Report Alarm'anyBit'Buffer Underrun'))		
Remedial action: Informational - if the alarm persists or is occurring frequently then investigation is required to understand why the underlying transport network is unreliable.		

Table 21-28 CesMalformedPkts

Alarm	Attributes	Applicable major releases
Name: CesMalformedPkts (446) Type: communicationsAlarm (4) Package: vll Raised on class: vll.VIIcesInterfaceSpecifics	Severity: major Implicitly cleared: true Default probable cause: malformedPackets (320)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 11.0.R4 • 12.0
Description: The alarm is raised when the 5620 SAM detects one or more malformed packets.		
Raising condition: (('Report Alarm Status'anyBit'Malformed Packets') AND ('Report Alarm'anyBit'Malformed Packets'))		
Clearing condition: NOT (('Report Alarm Status'anyBit'Malformed Packets') AND ('Report Alarm'anyBit'Malformed Packets'))		
Remedial action: Informational - if the alarm persists or is occurring frequently then investigation is required to understand why the underlying transport network is unreliable.		

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Table 21-29 CesPktLoss

Alarm	Attributes	Applicable major releases
Name: CesPktLoss (447) Type: communicationsAlarm (4) Package: vll Raised on class: vll.VIICesInterfaceSpecifics	Severity: major Implicitly cleared: true Default probable cause: lossOfPacket (321)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 11.0.R4 • 12.0
Description: The alarm is raised when the 5620 SAM detects a packet loss.		
Raising condition: (('Report Alarm Status'anyBit'Packet Loss') AND ('Report Alarm'anyBit'Packet Loss'))		
Clearing condition: NOT (('Report Alarm Status'anyBit'Packet Loss') AND ('Report Alarm'anyBit'Packet Loss'))		
Remedial action: Informational - if the alarm persists or is occurring frequently then investigation is required to understand why the underlying transport network is unreliable.		

Table 21-30 CesRmtPktLoss

Alarm	Attributes	Applicable major releases
Name: CesRmtPktLoss (450) Type: communicationsAlarm (4) Package: vll Raised on class: vll.VIICesInterfaceSpecifics	Severity: minor Implicitly cleared: true Default probable cause: farEndLossOfPacket (323)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 11.0.R4 • 12.0
Description: The alarm is raised when the 5620 SAM detects a remote packet loss.		
Raising condition: (('Report Alarm Status'anyBit'Remote Packet Loss') AND ('Report Alarm'anyBit'Remote Packet Loss'))		
Clearing condition: NOT (('Report Alarm Status'anyBit'Remote Packet Loss') AND ('Report Alarm'anyBit'Remote Packet Loss'))		
Remedial action: Informational - if the alarm persists or is occurring frequently then investigation is required to understand why the underlying transport network is unreliable.		

Table 21-31 CesRmtRdi

Alarm	Attributes	Applicable major releases
Name: CesRmtRdi (452) Type: configurationAlarm (11) Package: vll Raised on class: vll.VIICesInterfaceSpecifics	Severity: minor Implicitly cleared: false Default probable cause: farEndRdi (325)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 11.0.R4 • 12.0
Description: The alarm is raised when the 5620 SAM detects a remote RDI.		
Raising condition: (('Report Alarm Status'anyBit'Remote RDI') AND ('Report Alarm'anyBit'Remote RDI'))		
Clearing condition: NOT (('Report Alarm Status'anyBit'Remote RDI') AND ('Report Alarm'anyBit'Remote RDI'))		
Remedial action: Informational - if the alarm persists or is occurring frequently then investigation is required to understand why the underlying transport network is unreliable.		

Table 21-32 CesRmtTdmFault

Alarm	Attributes	Applicable major releases
Name: CesRmtTdmFault (451) Type: configurationAlarm (11) Package: vll Raised on class: vll.VIICesInterfaceSpecifics	Severity: minor Implicitly cleared: false Default probable cause: tdmFarEndFault (324)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 11.0.R4 • 12.0
Description: The alarm is raised when the 5620 SAM detects a remote TDM fault.		
Raising condition: (('Report Alarm Status'anyBit'Remote TDM Fault') AND ('Report Alarm'anyBit'Remote TDM Fault'))		
Clearing condition: NOT (('Report Alarm Status'anyBit'Remote TDM Fault') AND ('Report Alarm'anyBit'Remote TDM Fault'))		
Remedial action: Informational - if the alarm persists or is occurring frequently then investigation is required to understand why the underlying transport network is unreliable.		

Table 21-33 CesStrayPkts

Alarm	Attributes	Applicable major releases
Name: CesStrayPkts (445) Type: communicationsAlarm (4) Package: vll Raised on class: vll.VIICesInterfaceSpecifics	Severity: minor Implicitly cleared: true Default probable cause: strayPackets (319)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 11.0.R4 • 12.0
Description: The alarm is raised when the 5620 SAM detects received stray packets.		
Raising condition: (('Report Alarm Status'anyBit'Stray Packets') AND ('Report Alarm'anyBit'Stray Packets'))		
Clearing condition: NOT (('Report Alarm Status'anyBit'Stray Packets') AND ('Report Alarm'anyBit'Stray Packets'))		
Remedial action: Informational - if the alarm persists or is occurring frequently then investigation is required to understand why the underlying transport network is unreliable.		

Table 21-34 CircuitStpExceptionCondition

Alarm	Attributes	Applicable major releases
Name: CircuitStpExceptionCondition (648) Type: SdpBindingAlarm (30) Package: l2fwd Raised on class: l2fwd.CircuitStp	Severity: major Implicitly cleared: true Default probable cause: StpException (228)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 11.0.R4 • 12.0
Description: The alarm is raised when an NE detects an STP exception condition on a SAP, for example, one-way communication or a downstream loop. The alarm clears when the STP status changes.		
Raising condition: (('STP Exception Condition' NOT EQUAL 'None') AND ('Administrative State' EQUAL 'Up'))		
Clearing condition: (('STP Exception Condition' EQUAL 'None') OR ('Administrative State' EQUAL 'Down'))		
Remedial action: Check 'STP Exception Condition' field for more details and fix the STP exception.		

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Table 21-35 ClientDelegateServerStatus

Alarm	Attributes	Applicable major releases
Name: ClientDelegateServerStatus (731) Type: communicationsAlarm (4) Package: server Raised on class: server.ClientDelegateServer	Severity: critical Implicitly cleared: true Default probable cause: systemFailed (144)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 11.0.R4 • 12.0
Description: The alarm is raised when a client delegate server is unreachable.		
Raising condition: ('Server Status' EQUAL 'Down')		
Clearing condition: ('Server Status' EQUAL 'Up')		
Remedial action: Informational - if the alarm persists or is occurring frequently then investigation is required to understand why the connectivity between the client delegate platform and SAM servers is unreliable or the client delegate server itself is unreliable.		

Table 21-36 ConfigurationRescueFileDeleteStatus

Alarm	Attributes	Applicable major releases
Name: ConfigurationRescueFileDeleteStatus (3894) Type: configurationRescueAlarm (109) Package: rollback Raised on class: rollback.RollbackNEInfo	Severity: info Implicitly cleared: false Default probable cause: configurationRescueFileDeleteOperationPerformed (1485)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 11.0.R4 • 12.0
Description: The alarm is raised when a configuration rollback rescue file delete operation is performed.		
Remedial action: Informational - If rollback rescue file deletion status indicates failed, then, the requested rescue file might not be available or check the FTP permission for the rescue location.		

Table 21-37 ConfigurationRescueFileSaveStatus

Alarm	Attributes	Applicable major releases
Name: ConfigurationRescueFileSaveStatus (3895) Type: configurationRescueAlarm (109) Package: rollback Raised on class: rollback.RollbackNEInfo	Severity: info Implicitly cleared: false Default probable cause: configurationRescueFileSaveOperationPerformed (1486)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 11.0.R4 • 12.0
Description: The alarm is raised when a configuration rollback rescue save operation is performed.		
Remedial action: Informational - If rollback rescue file creation status indicates failed, then, check the FTP permission for the rescue location.		

Table 21-38 ConfigurationRescueStatus

Alarm	Attributes	Applicable major releases
Name: ConfigurationRescueStatus (3896) Type: configurationRescueAlarm (109) Package: rollback Raised on class: rollback.RollbackNEInfo	Severity: info Implicitly cleared: false Default probable cause: configurationRescueOperationPerformed (1487)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 11.0.R4 • 12.0
Description: The alarm is raised when a configuration rollback rescue operation is performed.		
Remedial action: Informational - If rollback rescue status indicates failed, then, the rescue file might not be available or check the FTP permission for the rescue location.		

Table 21-39 ConfigurationRollBackFileDeleteStatus

Alarm	Attributes	Applicable major releases
Name: ConfigurationRollBackFileDeleteStatus (3897) Type: configurationRollBackAlarm (103) Package: rollback Raised on class: rollback.RollbackNEInfo	Severity: info Implicitly cleared: false Default probable cause: configurationRollBackFileDeleteOperationPerformed (1488)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 11.0.R4 • 12.0
Description: The alarm is raised when a configuration rollback file delete operation is performed.		
Remedial action: Informational - If rollback file deletion status indicates failed, then, the requested rollback file might not be available or check the FTP permission for the rollback location..		

Table 21-40 ConfigurationRollBackFileSyncStatus

Alarm	Attributes	Applicable major releases
Name: ConfigurationRollBackFileSyncStatus (3898) Type: configurationRollBackFileSyncAlarm (110) Package: rollback Raised on class: rollback.RollbackNEInfo	Severity: info Implicitly cleared: false Default probable cause: configurationRollBackFileSyncOperationPerformed (1489)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 11.0.R4 • 12.0
Description: The alarm is raised when a configuration rollback CPM sync operation is performed.		
Remedial action: Informational - If rollback files CPM Sync status indicates failed, then, check whether standby CPM is up.		

Table 21-41 ConfigurationRollBackSaveStatus

Alarm	Attributes	Applicable major releases
Name: ConfigurationRollBackSaveStatus (3899) Type: configurationRollBackAlarm (103) Package: rollback Raised on class: rollback.RollbackNEInfo	Severity: info Implicitly cleared: false Default probable cause: configurationRollBackSaveOperationPerformed (1490)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 11.0.R4 • 12.0
Description: The alarm is raised when a configuration rollback save operation is performed.		
Remedial action: Informational - If rollback file creation status indicates failed, then, check the FTP permission for the rollback location.		

Table 21-42 ConfigurationRollBackStatus (netw)

Alarm	Attributes	Applicable major releases
Name: ConfigurationRollBackStatus (3684) Type: configurationRollBackAlarm (103) Package: netw Raised on class: netw.NetworkElement	Severity: info Implicitly cleared: false Default probable cause: configurationRollBackOperationPerformed (1422)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 11.0.R4 • 12.0
Description: The alarm is raised when a configuration rollback operation is performed.		
Remedial action: Informational - If rollback status indicates failed, then, the requested checkpoint might not be available or NE configuration might need to be restored.		

Table 21-43 ConfigurationRollBackStatus (rollback)

Alarm	Attributes	Applicable major releases
Name: ConfigurationRollBackStatus (3684) Type: configurationRollBackAlarm (103) Package: rollback Raised on class: rollback.RollbackNEInfo	Severity: info Implicitly cleared: false Default probable cause: configurationRollBackOperationPerformed (1422)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 11.0.R4 • 12.0
Description: The alarm is raised when a configuration rollback operation is performed.		
Remedial action: Informational - If rollback status indicates failed, then, the requested checkpoint might not be available or NE configuration might need to be restored.		

Table 21-44 ContainingEquipmentAdministrativelyDown

Alarm	Attributes	Applicable major releases
Name: ContainingEquipmentAdministrativelyDown (466) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.Port	Severity: minor Implicitly cleared: true Default probable cause: containingEquipmentAdministrativelyDown (330)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 11.0.R4 • 12.0
Description: The alarm is raised when the compositeEquipmentState attribute has a value of containingEquipmentAdministrativelyDown.		
Raising condition: (('Status' EQUAL 'Parent Admin Down') AND ('isTerminatable' EQUAL 'true'))		
Clearing condition: (('Status' NOT EQUAL 'Parent Admin Down') OR ('isTerminatable' NOT EQUAL 'true'))		
Remedial action: Informational - no corrective action required.		

Table 21-45 ContainingEquipmentMismatch

Alarm	Attributes	Applicable major releases
Name: ContainingEquipmentMismatch (464) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.Port	Severity: major Implicitly cleared: true Default probable cause: containingEquipmentMismatch (328)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 11.0.R4 • 12.0
Description: The alarm is raised when the compositeEquipmentState attribute has a value of containingEquipmentMismatch.		
Raising condition: (('Status' EQUAL 'Parent Type Mismatch') AND ('isTerminatable' EQUAL 'true'))		
Clearing condition: (('Status' NOT EQUAL 'Parent Type Mismatch') OR ('isTerminatable' NOT EQUAL 'true'))		
Remedial action: A configuration error has occurred which must be corrected. The card type configured for the slot identified in the alarm must match the installed card type.		

Table 21-46 ContainingEquipmentOperationallyDown

Alarm	Attributes	Applicable major releases
Name: ContainingEquipmentOperationallyDown (465) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.Port	Severity: major Implicitly cleared: true Default probable cause: containingEquipmentDown (329)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 11.0.R4 • 12.0
Description: The alarm is raised when the compositeEquipmentState attribute has a value of containingEquipmentOperationallyDown.		
Raising condition: (('Status' EQUAL 'Parent Oper Down') AND ('isTerminatable' EQUAL 'true'))		
Clearing condition: (('Status' NOT EQUAL 'Parent Oper Down') OR ('isTerminatable' NOT EQUAL 'true'))		

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Alarm	Attributes	Applicable major releases
Remedial action: The operational state of the equipment element indicated in the alarm is down. This may be due to the element's administrative state or it may indicate that the element has failed.		

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Table 21-47 CorruptImageFile

Alarm	Attributes	Applicable major releases
Name: CorruptImageFile (171) Type: configurationAlarm (11) Package: mediation Raised on class: mediation.AbstractSoftwareFolderDescriptor	Severity: critical Implicitly cleared: true Default probable cause: invalidOrCorruptImageFile (134)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 11.0.R4 • 12.0
Description: The alarm is raised when one or more files in the 5620 SAM software image specified for a device software upgrade is invalid, corrupt or absent. The 5620 SAM validates a device software file set before it imports the file set and distributes it to an NE. Ensure that the file set downloads properly to the NE and is not tampered with before you re-attempt the upgrade. The alarm clears when a valid file set is on the NE and the 5620 SAM activates the software image in the file set.		
Raising condition: ('isImageValid' EQUAL 'false')		
Clearing condition: ('isImageValid' EQUAL 'true')		
Remedial action: The existing SW image in the SAM database should be replaced with an image that is known to be complete and valid.		

Table 21-48 CPMLocalInterConnectPortNotAvailable

Alarm	Attributes	Applicable major releases
Name: CPMLocalInterConnectPortNotAvailable (8061) Type: communicationsAlarm (4) Package: netw Raised on class: netw.NetworkElement	Severity: major Implicitly cleared: true Default probable cause: CPMLocalInterConnectPortNotAvailable (2462)	<ul style="list-style-type: none"> • 12.0
Description: The CPMLocalInterConnectPortNotAvailable alarm is generated by 7950 XRS-40 when the CPM A of Master chassis cannot reach the Extended chassis through local CPM interconnect ports.		
Remedial action: Ensure that all the CPM A interconnect ports of Master and Extended chassis in the system are properly cabled together with working cables.		

Table 21-49 CPMBLocalInterConnectPortNotAvailable

Alarm	Attributes	Applicable major releases
Name: CPMBLocalInterConnectPortNotAvailable (8062) Type: communicationsAlarm (4) Package: netw Raised on class: netw.NetworkElement	Severity: major Implicitly cleared: true Default probable cause: CPMBLocalInterConnectPortNotAvailable (2463)	<ul style="list-style-type: none"> 12.0
Description: The CPMBLocalInterConnectPortNotAvailable alarm is generated by 7950 XRS-40 when the CPM B of Master chassis cannot reach the Extended chassis through local CPM interconnect ports.		
Remedial action: Ensure that all the CPM B interconnect ports of Master and Extended chassis in the system are properly cabled together with working cables.		

Table 21-50 CpmProtectionExceedEntry

Alarm	Attributes	Applicable major releases
Name: CpmProtectionExceedEntry (2925) Type: communications (87) Package: sitesecc Raised on class: sitesecc.CpmProtExcdEntry	Severity: warning Implicitly cleared: false Default probable cause: denialOfService (790)	<ul style="list-style-type: none"> 10.0 11.0 11.0.R4 12.0
Description: The alarm is raised when a MAC packet stream has exceeded its per-source limit.		
Raising condition: ('Number of Rate Violations' NOT EQUAL '0L')		
Remedial action: A device in the network is sending traffic to the NE at a rate which is higher than expected. The source of the traffic must be identified and if the behavior is undesired then the device should be disabled. It is also possible that the threshold has been configured at a level which is lower than acceptable in which case the configuration should be aligned with the traffic levels expected.		

Table 21-51 CpmProtectionExceedSaplpEntry

Alarm	Attributes	Applicable major releases
Name: CpmProtectionExceedSaplpEntry (3911) Type: communications (87) Package: sitesecc Raised on class: sitesecc.CpmProtExcdSaplpEntry	Severity: warning Implicitly cleared: false Default probable cause: denialOfService (790)	<ul style="list-style-type: none"> 10.0 11.0 11.0.R4 12.0
Description: The alarm is raised when an IP packet stream has exceeded the per-source limit.		
Raising condition: ('Number of Rate Violations' NOT EQUAL '0L')		
Remedial action: A device in the network is sending traffic to the NE at a rate which is higher than expected. The source of the traffic must be identified and if the behavior is undesired then the device should be disabled. It is also possible that the threshold has been configured at a level which is lower than acceptable in which case the configuration should be aligned with the traffic levels expected.		

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Table 21-52 CpmProtectionViolationIfEntry

Alarm	Attributes	Applicable major releases
Name: CpmProtectionViolationIfEntry (2926) Type: communications (87) Package: sitesecc Raised on class: sitesecc.CpmProtViolIfEntry	Severity: warning Implicitly cleared: false Default probable cause: denialOfService (790)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 11.0.R4 • 12.0
Description: The alarm is raised when the link-specific packet arrival rate limit at the interface is violated.		
Raising condition: ('Number of Rate Violations' NOT EQUAL '0L')		
Remedial action: A device in the network is sending traffic to the NE at a rate which is higher than expected. The source of the traffic must be identified and if the behavior is undesired then the device should be disabled. It is also possible that the threshold has been configured at a level which is lower than acceptable in which case the configuration should be aligned with the traffic levels expected.		

Table 21-53 CpmProtectionViolationPortEntry

Alarm	Attributes	Applicable major releases
Name: CpmProtectionViolationPortEntry (2927) Type: communications (87) Package: sitesecc Raised on class: sitesecc.CpmProtViolPortEntry	Severity: warning Implicitly cleared: false Default probable cause: denialOfService (790)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 11.0.R4 • 12.0
Description: The alarm is raised when the link-specific packet arrival rate limit at the port is violated.		
Raising condition: (('Number of Per-port Violations' NOT EQUAL '0L') OR ('Number of Link-specific Violations' NOT EQUAL '0L'))		
Remedial action: A device in the network is sending traffic to the NE at a rate which is higher than expected. The source of the traffic must be identified and if the behavior is undesired then the device should be disabled. It is also possible that the threshold has been configured at a level which is lower than acceptable in which case the configuration should be aligned with the traffic levels expected.		

Table 21-54 CpmProtectionViolationSAPEntry

Alarm	Attributes	Applicable major releases
Name: CpmProtectionViolationSAPEntry (2928) Type: communications (87) Package: sitesecc Raised on class: sitesecc.CpmProtViolSapEntry	Severity: warning Implicitly cleared: false Default probable cause: denialOfService (790)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 11.0.R4 • 12.0
Description: The alarm is raised when the link-specific packet arrival rate limit at the SAP is violated.		
Raising condition: ('Number of Rate Violations' NOT EQUAL '0L')		
Remedial action: A device in the network is sending traffic to the NE at a rate which is higher than expected. The source of the traffic must be identified and if the behavior is undesired then the device should be disabled. It is also possible that the threshold has been configured at a level which is lower than acceptable in which case the configuration should be aligned with the traffic levels expected.		

Table 21-55 CpmProtectionViolationSDPEntry

Alarm	Attributes	Applicable major releases
Name: CpmProtectionViolationSDPEntry (5415) Type: communications (87) Package: sitesec Raised on class: sitesec.CpmProtViolSdpEntry	Severity: warning Implicitly cleared: false Default probable cause: denialOfService (790)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 11.0.R4 • 12.0
Description: The alarm is raised when the overall packet arrival rate limit at the SDP is violated.		
Raising condition: ('Number of Rate Violations' NOT EQUAL '0L')		
Remedial action: A device in the network is sending traffic to the NE at a rate which is higher than expected. The source of the traffic must be identified and if the behavior is undesired then the device should be disabled. It is also possible that the threshold has been configured at a level which is lower than acceptable in which case the configuration should be aligned with the traffic levels expected.		

Table 21-56 DDMAux1HighAlarm

Alarm	Attributes	Applicable major releases
Name: DDMAux1HighAlarm (495) Type: thresholdAlarm (49) Package: equipment Raised on class: equipment.AbstractDDM	Severity: major Implicitly cleared: true Default probable cause: aux1HighAlarm (381)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 11.0.R4 • 12.0
Description: The alarm is raised when the manufacturer-specific Auxiliary 1 of the XFP reaches the maximum threshold value.		
Raising condition: ('failedThresholds:anyBit'Aux1 High Alarm')		
Clearing condition: NOT (('failedThresholds:anyBit'Aux1 High Alarm'))		
Remedial action: Informational. Check the environmental parameters of the transceiver and ensure that it is not faulty.		

Table 21-57 DDMAux1HighWarning

Alarm	Attributes	Applicable major releases
Name: DDMAux1HighWarning (494) Type: thresholdAlarm (49) Package: equipment Raised on class: equipment.AbstractDDM	Severity: warning Implicitly cleared: true Default probable cause: aux1HighWarning (380)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 11.0.R4 • 12.0
Description: The alarm is raised when the manufacturer-specific Auxiliary 1 of the XFP approaches the maximum threshold value.		
Raising condition: ('failedThresholds:anyBit'Aux1 High Warning')		
Clearing condition: NOT (('failedThresholds:anyBit'Aux1 High Warning'))		
Remedial action: Informational. Check the environmental parameters of the transceiver and ensure that it is not faulty.		

Table 21-58 DDMAux1LowAlarm

Alarm	Attributes	Applicable major releases
Name: DDMAux1LowAlarm (493) Type: thresholdAlarm (49) Package: equipment Raised on class: equipment.AbstractDDM	Severity: major Implicitly cleared: true Default probable cause: aux1LowAlarm (379)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 11.0.R4 • 12.0
Description: The alarm is raised when the manufacturer-specific Auxiliary 1 of the XFP reaches the minimum threshold value.		
Raising condition: ('failedThresholds'anyBit'Aux1 Low Alarm')		
Clearing condition: NOT (('failedThresholds'anyBit'Aux1 Low Alarm'))		
Remedial action: Informational. Check the environmental parameters of the transceiver and ensure that it is not faulty.		

Table 21-59 DDMAux1LowWarning

Alarm	Attributes	Applicable major releases
Name: DDMAux1LowWarning (492) Type: thresholdAlarm (49) Package: equipment Raised on class: equipment.AbstractDDM	Severity: warning Implicitly cleared: true Default probable cause: aux1LowWarning (378)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 11.0.R4 • 12.0
Description: The alarm is raised when the manufacturer-specific Auxiliary 1 of the XFP approaches the minimum threshold value.		
Raising condition: ('failedThresholds'anyBit'Aux1 Low Warning')		
Clearing condition: NOT (('failedThresholds'anyBit'Aux1 Low Warning'))		
Remedial action: Informational. Check the environmental parameters of the transceiver and ensure that it is not faulty.		

Table 21-60 DDMAux2HighAlarm

Alarm	Attributes	Applicable major releases
Name: DDMAux2HighAlarm (499) Type: thresholdAlarm (49) Package: equipment Raised on class: equipment.AbstractDDM	Severity: major Implicitly cleared: true Default probable cause: aux2HighAlarm (385)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 11.0.R4 • 12.0
Description: The alarm is raised when the manufacturer-specific Auxiliary 2 of the XFP reaches the maximum threshold value.		
Raising condition: ('failedThresholds'anyBit'Aux2 High Alarm')		
Clearing condition: NOT (('failedThresholds'anyBit'Aux2 High Alarm'))		
Remedial action: Informational. Check the environmental parameters of the transceiver and ensure that it is not faulty.		

Table 21-61 DDMAux2HighWarning

Alarm	Attributes	Applicable major releases
Name: DDMAux2HighWarning (498) Type: thresholdAlarm (49) Package: equipment Raised on class: equipment.AbstractDDM	Severity: warning Implicitly cleared: true Default probable cause: aux2HighWarning (384)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 11.0.R4 • 12.0
Description: The alarm is raised when the manufacturer-specific Auxiliary 2 of the XFP approaches the maximum threshold value.		
Raising condition: ('failedThresholds'anyBit'Aux2 High Warning')		
Clearing condition: NOT (('failedThresholds'anyBit'Aux2 High Warning'))		
Remedial action: Informational. Check the environmental parameters of the transceiver and ensure that it is not faulty.		

Table 21-62 DDMAux2LowAlarm

Alarm	Attributes	Applicable major releases
Name: DDMAux2LowAlarm (497) Type: thresholdAlarm (49) Package: equipment Raised on class: equipment.AbstractDDM	Severity: major Implicitly cleared: true Default probable cause: aux2LowAlarm (383)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 11.0.R4 • 12.0
Description: The alarm is raised when the manufacturer-specific Auxiliary 2 of the XFP reaches the minimum threshold value.		
Raising condition: ('failedThresholds'anyBit'Aux2 Low Alarm')		
Clearing condition: NOT (('failedThresholds'anyBit'Aux2 Low Alarm'))		
Remedial action: Informational. Check the environmental parameters of the transceiver and ensure that it is not faulty.		

Table 21-63 DDMAux2LowWarning

Alarm	Attributes	Applicable major releases
Name: DDMAux2LowWarning (496) Type: communicatiothresholdAlarmnsAlarm (50) Package: equipment Raised on class: equipment.AbstractDDM	Severity: warning Implicitly cleared: true Default probable cause: aux2LowWarning (382)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 11.0.R4 • 12.0
Description: The alarm is raised when the manufacturer-specific Auxiliary 2 of the XFP approaches the minimum threshold value.		
Raising condition: ('failedThresholds'anyBit'Aux2 Low Warning')		
Clearing condition: NOT (('failedThresholds'anyBit'Aux2 Low Warning'))		
Remedial action: Informational. Check the environmental parameters of the transceiver and ensure that it is not faulty.		

Table 21-64 DDMRxOpticalPowerHighAlarm

Alarm	Attributes	Applicable major releases
Name: DDMRxOpticalPowerHighAlarm (491) Type: thresholdAlarm (49) Package: equipment Raised on class: equipment.AbstractDDM	Severity: major Implicitly cleared: true Default probable cause: rxOpticalPowerHighAlarm (377)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 11.0.R4 • 12.0
Description: The alarm is raised when the received optical power of an SFP or XFP reaches the maximum threshold value.		
Raising condition: ('failedThresholds'anyBit'Rx Optical Power High Alarm')		
Clearing condition: NOT (('failedThresholds'anyBit'Rx Optical Power High Alarm'))		
Remedial action: Informational. Check the environmental parameters of the transceiver and ensure that it is not faulty.		

Table 21-65 DDMRxOpticalPowerHighWarning

Alarm	Attributes	Applicable major releases
Name: DDMRxOpticalPowerHighWarning (490) Type: thresholdAlarm (49) Package: equipment Raised on class: equipment.AbstractDDM	Severity: warning Implicitly cleared: true Default probable cause: rxOpticalPowerHighWarning (376)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 11.0.R4 • 12.0
Description: The alarm is raised when the received optical power of an SFP or XFP approaches the maximum threshold value.		
Raising condition: ('failedThresholds'anyBit'Rx Optical Power High Warning')		
Clearing condition: NOT (('failedThresholds'anyBit'Rx Optical Power High Warning'))		
Remedial action: Informational. Check the environmental parameters of the transceiver and ensure that it is not faulty.		

Table 21-66 DDMRxOpticalPowerLowAlarm

Alarm	Attributes	Applicable major releases
Name: DDMRxOpticalPowerLowAlarm (489) Type: thresholdAlarm (49) Package: equipment Raised on class: equipment.AbstractDDM	Severity: major Implicitly cleared: true Default probable cause: rxOpticalPowerLowAlarm (375)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 11.0.R4 • 12.0
Description: The alarm is raised when the received optical power of an SFP or XFP reaches the minimum threshold value.		
Raising condition: ('failedThresholds'anyBit'Rx Optical Power Low Alarm')		
Clearing condition: NOT (('failedThresholds'anyBit'Rx Optical Power Low Alarm'))		
Remedial action: Informational. Check the environmental parameters of the transceiver and ensure that it is not faulty.		

Table 21-67 DDMRxOpticalPowerLowWarning

Alarm	Attributes	Applicable major releases
Name: DDMRxOpticalPowerLowWarning (488) Type: thresholdAlarm (49) Package: equipment Raised on class: equipment.AbstractDDM	Severity: warning Implicitly cleared: true Default probable cause: rxOpticalPowerLowWarning (374)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 11.0.R4 • 12.0
Description: The alarm is raised when the received optical power of an SFP or XFP approaches the minimum threshold value.		
Raising condition: ('failedThresholds'anyBit'Rx Optical Power Low Warning')		
Clearing condition: NOT (('failedThresholds'anyBit'Rx Optical Power Low Warning'))		
Remedial action: Informational. Check the environmental parameters of the transceiver and ensure that it is not faulty.		

Table 21-68 DDMSupplyVoltageHighAlarm

Alarm	Attributes	Applicable major releases
Name: DDMSupplyVoltageHighAlarm (479) Type: thresholdAlarm (49) Package: equipment Raised on class: equipment.AbstractDDM	Severity: major Implicitly cleared: true Default probable cause: supplyVoltageHighAlarm (365)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 11.0.R4 • 12.0
Description: The alarm is raised when the supply voltage of an SFP or XFP reaches the maximum threshold value.		
Raising condition: ('failedThresholds'anyBit'Supply Voltage High Alarm')		
Clearing condition: NOT (('failedThresholds'anyBit'Supply Voltage High Alarm'))		
Remedial action: Informational. Check the environmental parameters of the transceiver and ensure that it is not faulty.		

Table 21-69 DDMSupplyVoltageHighWarning

Alarm	Attributes	Applicable major releases
Name: DDMSupplyVoltageHighWarning (478) Type: thresholdAlarm (49) Package: equipment Raised on class: equipment.AbstractDDM	Severity: warning Implicitly cleared: true Default probable cause: supplyVoltageHighWarning (364)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 11.0.R4 • 12.0
Description: The alarm is raised when the supply voltage of an SFP or XFP approaches the maximum threshold value.		
Raising condition: ('failedThresholds'anyBit'Supply Voltage High Warning')		
Clearing condition: NOT (('failedThresholds'anyBit'Supply Voltage High Warning'))		
Remedial action: Informational. Check the environmental parameters of the transceiver and ensure that it is not faulty.		

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Table 21-70 DDMSupplyVoltageLowAlarm

Alarm	Attributes	Applicable major releases
Name: DDMSupplyVoltageLowAlarm (477) Type: thresholdAlarm (49) Package: equipment Raised on class: equipment.AbstractDDM	Severity: major Implicitly cleared: true Default probable cause: supplyVoltageLowAlarm (363)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 11.0.R4 • 12.0
Description: The alarm is raised when the supply voltage of an SFP or XFP reaches the maximum threshold value.		
Raising condition: ('failedThresholds'anyBit'Supply Voltage Low Alarm')		
Clearing condition: NOT (('failedThresholds'anyBit'Supply Voltage Low Alarm'))		
Remedial action: Informational. Check the environmental parameters of the transceiver and ensure that it is not faulty.		

Table 21-71 DDMSupplyVoltageLowWarning

Alarm	Attributes	Applicable major releases
Name: DDMSupplyVoltageLowWarning (476) Type: thresholdAlarm (49) Package: equipment Raised on class: equipment.AbstractDDM	Severity: warning Implicitly cleared: true Default probable cause: supplyVoltageLowWarning (362)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 11.0.R4 • 12.0
Description: The alarm is raised when the supply voltage of an SFP or XFP approaches the maximum threshold value.		
Raising condition: ('failedThresholds'anyBit'Supply Voltage Low Warning')		
Clearing condition: NOT (('failedThresholds'anyBit'Supply Voltage Low Warning'))		
Remedial action: Informational. Check the environmental parameters of the transceiver and ensure that it is not faulty.		

Table 21-72 DDMTemperatureHighAlarm

Alarm	Attributes	Applicable major releases
Name: DDMTemperatureHighAlarm (475) Type: thresholdAlarm (49) Package: equipment Raised on class: equipment.AbstractDDM	Severity: major Implicitly cleared: true Default probable cause: temperatureHighAlarm (361)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 11.0.R4 • 12.0
Description: The alarm is raised when the temperature of an SFP or XFP reaches the maximum threshold value.		
Raising condition: ('failedThresholds'anyBit'Temperature High Alarm')		
Clearing condition: NOT (('failedThresholds'anyBit'Temperature High Alarm'))		
Remedial action: Informational. Check the environmental parameters of the transceiver and ensure that it is not faulty.		

Table 21-73 DDMTemperatureHighWarning

Alarm	Attributes	Applicable major releases
Name: DDMTemperatureHighWarning (474) Type: thresholdAlarm (49) Package: equipment Raised on class: equipment.AbstractDDM	Severity: warning Implicitly cleared: true Default probable cause: temperatureHighWarning (360)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 11.0.R4 • 12.0
Description: The alarm is raised when the temperature of an SFP or XFP approaches the maximum threshold value.		
Raising condition: ('failedThresholds'anyBit'Temperature High Warning')		
Clearing condition: NOT (('failedThresholds'anyBit'Temperature High Warning'))		
Remedial action: Informational. Check the environmental parameters of the transceiver and ensure that it is not faulty.		

Table 21-74 DDMTemperatureLowAlarm

Alarm	Attributes	Applicable major releases
Name: DDMTemperatureLowAlarm (473) Type: thresholdAlarm (49) Package: equipment Raised on class: equipment.AbstractDDM	Severity: major Implicitly cleared: true Default probable cause: temperatureLowAlarm (359)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 11.0.R4 • 12.0
Description: The alarm is raised when the temperature of an SFP or XFP reaches the maximum threshold value.		
Raising condition: ('failedThresholds'anyBit'Temperature Low Alarm')		
Clearing condition: NOT (('failedThresholds'anyBit'Temperature Low Alarm'))		
Remedial action: Informational. Check the environmental parameters of the transceiver and ensure that it is not faulty.		

Table 21-75 DDMTemperatureLowWarning

Alarm	Attributes	Applicable major releases
Name: DDMTemperatureLowWarning (472) Type: thresholdAlarm (49) Package: equipment Raised on class: equipment.AbstractDDM	Severity: warning Implicitly cleared: true Default probable cause: temperatureLowWarning (358)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 11.0.R4 • 12.0
Description: The alarm is raised when the temperature of an SFP or XFP approaches the maximum threshold value.		
Raising condition: ('failedThresholds'anyBit'Temperature Low Warning')		
Clearing condition: NOT (('failedThresholds'anyBit'Temperature Low Warning'))		
Remedial action: Informational. Check the environmental parameters of the transceiver and ensure that it is not faulty.		

Table 21-76 DDMTxBiasCurrentHighAlarm

Alarm	Attributes	Applicable major releases
Name: DDMTxBiasCurrentHighAlarm (483) Type: thresholdAlarm (49) Package: equipment Raised on class: equipment.AbstractDDM	Severity: major Implicitly cleared: true Default probable cause: txBiasCurrentHighAlarm (369)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 11.0.R4 • 12.0
Description: The alarm is raised when the transmit bias current of an SFP or XFP reaches the maximum threshold value.		
Raising condition: ('failedThresholds'anyBit'Tx Bias Current High Alarm')		
Clearing condition: NOT (('failedThresholds'anyBit'Tx Bias Current High Alarm'))		
Remedial action: Informational. Check the environmental parameters of the transceiver and ensure that it is not faulty.		

Table 21-77 DDMTxBiasCurrentHighWarning

Alarm	Attributes	Applicable major releases
Name: DDMTxBiasCurrentHighWarning (482) Type: thresholdAlarm (49) Package: equipment Raised on class: equipment.AbstractDDM	Severity: warning Implicitly cleared: true Default probable cause: txBiasCurrentHighWarning (368)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 11.0.R4 • 12.0
Description: The alarm is raised when the transmit bias current of an SFP or XFP approaches the maximum threshold value.		
Raising condition: ('failedThresholds'anyBit'Tx Bias Current High Warning')		
Clearing condition: NOT (('failedThresholds'anyBit'Tx Bias Current High Warning'))		
Remedial action: Informational. Check the environmental parameters of the transceiver and ensure that it is not faulty.		

Table 21-78 DDMTxBiasCurrentLowAlarm

Alarm	Attributes	Applicable major releases
Name: DDMTxBiasCurrentLowAlarm (481) Type: thresholdAlarm (49) Package: equipment Raised on class: equipment.AbstractDDM	Severity: major Implicitly cleared: true Default probable cause: txBiasCurrentLowAlarm (367)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 11.0.R4 • 12.0
Description: The alarm is raised when the transmit bias current of an SFP or XFP reaches the maximum threshold value.		
Raising condition: ('failedThresholds'anyBit'Tx Bias Current Low Alarm')		
Clearing condition: NOT (('failedThresholds'anyBit'Tx Bias Current Low Alarm'))		
Remedial action: Informational. Check the environmental parameters of the transceiver and ensure that it is not faulty.		

Table 21-79 DDMTxBiasCurrentLowWarning

Alarm	Attributes	Applicable major releases
Name: DDMTxBiasCurrentLowWarning (480) Type: thresholdAlarm (49) Package: equipment Raised on class: equipment.AbstractDDM	Severity: warning Implicitly cleared: true Default probable cause: txBiasCurrentLowWarning (366)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 11.0.R4 • 12.0
Description: The alarm is raised when the transmit bias current of an SFP or XFP approaches the maximum threshold value.		
Raising condition: ('failedThresholds'anyBit'Tx Bias Current Low Warning')		
Clearing condition: NOT (('failedThresholds'anyBit'Tx Bias Current Low Warning'))		
Remedial action: Informational. Check the environmental parameters of the transceiver and ensure that it is not faulty.		

Table 21-80 DDMTxOutputPowerHighAlarm

Alarm	Attributes	Applicable major releases
Name: DDMTxOutputPowerHighAlarm (487) Type: thresholdAlarm (49) Package: equipment Raised on class: equipment.AbstractDDM	Severity: major Implicitly cleared: true Default probable cause: txOutputPowerHighAlarm (373)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 11.0.R4 • 12.0
Description: The alarm is raised when the output power of an SFP or XFP reaches the maximum threshold value.		
Raising condition: ('failedThresholds'anyBit'Tx Output Power High Alarm')		
Clearing condition: NOT (('failedThresholds'anyBit'Tx Output Power High Alarm'))		
Remedial action: Informational. Check the environmental parameters of the transceiver and ensure that it is not faulty.		

Table 21-81 DDMTxOutputPowerHighWarning

Alarm	Attributes	Applicable major releases
Name: DDMTxOutputPowerHighWarning (486) Type: thresholdAlarm (49) Package: equipment Raised on class: equipment.AbstractDDM	Severity: warning Implicitly cleared: true Default probable cause: txOutputPowerHighWarning (372)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 11.0.R4 • 12.0
Description: The alarm is raised when the output power of an SFP or XFP approaches the maximum threshold value.		
Raising condition: ('failedThresholds'anyBit'Tx Output Power High Warning')		
Clearing condition: NOT (('failedThresholds'anyBit'Tx Output Power High Warning'))		
Remedial action: Informational. Check the environmental parameters of the transceiver and ensure that it is not faulty.		

Table 21-82 DDMTxOutputPowerLowAlarm

Alarm	Attributes	Applicable major releases
Name: DDMTxOutputPowerLowAlarm (485) Type: thresholdAlarm (49) Package: equipment Raised on class: equipment.AbstractDDM	Severity: major Implicitly cleared: true Default probable cause: txOutputPowerLowAlarm (371)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 11.0.R4 • 12.0
Description: The alarm is raised when the output power of an SFP or XFP reaches the maximum threshold value.		
Raising condition: ('failedThresholds'anyBit'Tx Output Power Low Alarm')		
Clearing condition: NOT (('failedThresholds'anyBit'Tx Output Power Low Alarm'))		
Remedial action: Informational. Check the environmental parameters of the transceiver and ensure that it is not faulty.		

Table 21-83 DDMTxOutputPowerLowWarning

Alarm	Attributes	Applicable major releases
Name: DDMTxOutputPowerLowWarning (484) Type: thresholdAlarm (49) Package: equipment Raised on class: equipment.AbstractDDM	Severity: warning Implicitly cleared: true Default probable cause: txOutputPowerLowWarning (370)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 11.0.R4 • 12.0
Description: The alarm is raised when the output power of an SFP or XFP approaches the maximum threshold value.		
Raising condition: ('failedThresholds'anyBit'Tx Output Power Low Warning')		
Clearing condition: NOT (('failedThresholds'anyBit'Tx Output Power Low Warning'))		
Remedial action: Informational. Check the environmental parameters of the transceiver and ensure that it is not faulty.		

Table 21-84 downgradedCardAlarm

Alarm	Attributes	Applicable major releases
Name: downgradedCardAlarm (256) Type: softwareAlarm (19) Package: equipment Raised on class: equipment.Card	Severity: warning Implicitly cleared: true Default probable cause: downgradedCard (195)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 11.0.R4 • 12.0
Description: The alarm is raised when an IOM is not upgraded or reset after a device software upgrade of both CPMs. A device resets an IOM automatically after 120 minutes if the IOM is not manually reset after a CPM upgrade.		
Raising condition: ('operationalState' EQUAL 'Downgrade')		
Clearing condition: ('operationalState' EQUAL 'Up')		
Remedial action: Informational - no corrective action required.		

Table 21-85 EfmOamAlarm

Alarm	Attributes	Applicable major releases
Name: EfmOamAlarm (4617) Type: equipmentAlarm (3) Package: ethernetequipment Raised on class: ethernetequipment.Dot3Oam	Severity: minor Implicitly cleared: true Default probable cause: EFMOAMOperationalstateOutOfService (1886)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 11.0.R4 • 12.0
Description: The alarm is raised when EFM Ignore status is Enabled, and Physical port Administrative State is Down.		
Raising condition: ('Ignore EFM State' EQUAL 'true')		
Clearing condition: ('Ignore EFM State' EQUAL 'true')		
Remedial action: The alarm is raised when EFM Ignore status is Enabled, and Physical port Administrative State is Down.		

Table 21-86 EquipmentAdministrativelyDown

Alarm	Attributes	Applicable major releases
Name: EquipmentAdministrativelyDown (455) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.Equipment	Severity: minor Implicitly cleared: true Default probable cause: equipmentAdministrativelyDown (326)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 11.0.R4 • 12.0
Description: The alarm is raised when the compositeEquipmentState attribute has a value of equipmentAdministrativelyDown.		
Raising condition: ('compositeEquipmentState' EQUAL 'Admin Down')		
Clearing condition: ('compositeEquipmentState' NOT EQUAL 'Admin Down')		
Remedial action: Informational - no corrective action required.		

Table 21-87 EquipmentDegraded

Alarm	Attributes	Applicable major releases
Name: EquipmentDegraded (604) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.FanTray	Severity: minor Implicitly cleared: true Default probable cause: singleFanFailure (450)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 11.0.R4 • 12.0
Description: The alarm is raised when a single fan fails. The chassis attempts to continue operating within the normal temperature range using only the remaining fans.		
Raising condition: ('Device State' EQUAL 'MinorFailure')		
Clearing condition: ('Device State' NOT EQUAL 'MinorFailure')		
Remedial action: The failed fan unit should be replaced.		

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Table 21-88 EquipmentDown

Alarm	Attributes	Applicable major releases
Name: EquipmentDown (10) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.Equipment	Severity: major Implicitly cleared: true Default probable cause: inoperableEquipment (8)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 11.0.R4 • 12.0
Description: The alarm is raised when the compositeEquipmentState attribute has a value of equipmentOperationallyDown.		
Raising condition: ('compositeEquipmentState' EQUAL 'Oper Down')		
Clearing condition: ('compositeEquipmentState' NOT EQUAL 'Oper Down')		
Remedial action: This alarm indicates that a card in the NE has failed. The card must be replaced.		

Table 21-89 EquipmentFailure

Alarm	Attributes	Applicable major releases
Name: EquipmentFailure (145) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.ReplaceableUnit	Severity: critical Implicitly cleared: true Default probable cause: cardFailure (123)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 11.0.R4 • 12.0
Description: The alarm is raised when a control processor or power-supply tray reports a failure. When the object type is ControlProcessor, a CPM may be unable to boot. When the object type is Power Supply Tray and the alarm is raised during device discovery, a power-supply tray may be out of service. When the object type is a Power Supply Tray and the device is in the managed state, a power-supply tray may be out of service or the AC power shelf has a fault condition. The alarm clears when the status changes to OK.		
Raising condition: ('operationalState' EQUAL 'Failed')		
Clearing condition: ('operationalState' NOT EQUAL 'Failed')		
Remedial action: If the alarm indicates that the CPM card has a fault, remove the card and reset it. If this does not clear the alarm then please contact Alcatel-Lucent support for assistance. If the alarm indicates that the Power Supply tray is out of service ensure that the NE is properly connected to power. If the problem persists please contact Alcatel-Lucent support for assistance.		

Table 21-90 EquipmentInTest

Alarm	Attributes	Applicable major releases
Name: EquipmentInTest (11) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.Equipment	Severity: warning Implicitly cleared: true Default probable cause: equipmentInTest (9)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 11.0.R4 • 12.0
Description: The alarm is raised when equipment enters a diagnostic state.		
Raising condition: ('compositeEquipmentState' EQUAL 'In Test')		
Clearing condition: ('compositeEquipmentState' NOT EQUAL 'In Test')		

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Alarm	Attributes	Applicable major releases
Remedial action: Informational - no corrective action required.		

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Table 21-91 EquipmentMismatch

Alarm	Attributes	Applicable major releases
Name: EquipmentMismatch (9) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.Equipment	Severity: major Implicitly cleared: true Default probable cause: equipmentTypeMismatch (7)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 11.0.R4 • 12.0
Description: The alarm is raised when the compositeEquipmentState attribute has a value of equipmentMismatch.		
Raising condition: ('compositeEquipmentState' EQUAL 'Type Mismatch')		
Clearing condition: ('compositeEquipmentState' NOT EQUAL 'Type Mismatch')		
Remedial action: A configuration error has occurred which must be corrected. The card type configured for the slot identified in the alarm must match the installed card type.		

Table 21-92 EquipmentRemoved

Alarm	Attributes	Applicable major releases
Name: EquipmentRemoved (8) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.Equipment	Severity: major Implicitly cleared: true Default probable cause: replaceableEquipmentRemoved (6)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 11.0.R4 • 12.0
Description: The alarm is raised when the compositeEquipmentState attribute has a value of equipmentMissing.		
Raising condition: (((('isEquipped' EQUAL 'false') OR ('compositeEquipmentState' EQUAL 'Removed')) AND ('isEquipmentInserted' EQUAL 'true'))		
Clearing condition: (('compositeEquipmentState' NOT EQUAL 'Removed') AND ('isEquipped' EQUAL 'true'))		
Remedial action: Informational - this alarm is raised when a card is removed.		

Table 21-93 EthCSF

Alarm	Attributes	Applicable major releases
Name: EthCSF (3721) Type: oamAlarm (18) Package: ethernetoam Raised on class: ethernetoam.Mep	Severity: variable Implicitly cleared: true Default probable cause: EthCSF (1459)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 11.0.R4 • 12.0

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Alarm	Attributes	Applicable major releases
Description: The alarm is raised when a MEP receives a CCM frame with an interface status TLV of 'Down'.		
Remedial action: This alarm is raised when a MEP receives a CCM frame with an interface status TLV of Down.		

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Table 21-94 EthernetPortConfiguredLoopback

Alarm	Attributes	Applicable major releases
Name: EthernetPortConfiguredLoopback (801) Type: configurationAlarm (11) Package: ethernetequipment Raised on class: ethernetequipment.EthernetPortSpecifics	Severity: warning Implicitly cleared: true Default probable cause: ethernetPortConfiguredLoopback (567)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 11.0.R4 • 12.0
Description: The alarm is raised when a timed loopback is in effect for an Ethernet port.		
Raising condition: (('Type' NOT EQUAL 'None'))		
Clearing condition: (('Type' EQUAL 'None'))		
Remedial action: This alarm has been raised by the node because "Timed Loopback" option of the specific port's Ethernet property has been enabled. To resolve this problem from "Ethernet" tab of "Physical Port" properties form configure "Timed Loopback" Type property as "None".		

Table 21-95 EthernetPortDuplicateLane

Alarm	Attributes	Applicable major releases
Name: EthernetPortDuplicateLane (3557) Type: communicationsAlarm (4) Package: ethernetequipment Raised on class: ethernetequipment.EthernetPortSpecifics	Severity: major Implicitly cleared: true Default probable cause: DuplicateLane (1387)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 11.0.R4 • 12.0
Description: The alarm is raised when a device reports a Duplicate Lane on an Ethernet port.		
Raising condition: (('Outstanding Alarms'anyBit'Duplicate Lane') AND ('Report Alarms'anyBit'Duplicate Lane'))		
Clearing condition: NOT (('Outstanding Alarms'anyBit'Duplicate Lane') AND ('Report Alarms'anyBit'Duplicate Lane'))		
Remedial action: One of the following conditions exists on the referenced physical interface which must be corrected. A cable/fiber fault exists which must be corrected - check to ensure that the cable is not faulty and is properly connected. The port is faulty - run diagnostics on the port to determine the nature of the fault. If the problem cannot be resolved swap the card containing the port with a card which is known be functional.		

Table 21-96 EthernetPortHighBer

Alarm	Attributes	Applicable major releases
Name: EthernetPortHighBer (307) Type: communicationsAlarm (4) Package: ethernetequipment Raised on class: ethernetequipment.EthernetPortSpecifics	Severity: major Implicitly cleared: true Default probable cause: HighBer (238)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 11.0.R4 • 12.0
Description: The alarm is raised when a device reports a high bit-error rate on an Ethernet port.		
Raising condition: (('Outstanding Alarms'anyBit'High Bit Error Rate') AND ('Report Alarms'anyBit'High Bit Error Rate'))		
Clearing condition: NOT (('Outstanding Alarms'anyBit'High Bit Error Rate') AND ('Report Alarms'anyBit'High Bit Error Rate'))		
Remedial action: One of the following conditions exists on the physical interface which must be corrected. A cable/fiber fault exists which must be corrected - check to ensure that the cable is not faulty and is properly connected. The port is faulty - run diagnostics on the port to determine the nature of the fault.		

Table 21-97 EthernetPortLocalFault

Alarm	Attributes	Applicable major releases
Name: EthernetPortLocalFault (305) Type: communicationsAlarm (4) Package: ethernetequipment Raised on class: ethernetequipment.EthernetPortSpecifics	Severity: major Implicitly cleared: true Default probable cause: LocalFault (236)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 11.0.R4 • 12.0
Description: The alarm is raised when a device reports a local fault on an Ethernet port.		
Raising condition: (('Outstanding Alarms'anyBit'Local Fault') AND ('Report Alarms'anyBit'Local Fault'))		
Clearing condition: NOT (('Outstanding Alarms'anyBit'Local Fault') AND ('Report Alarms'anyBit'Local Fault'))		
Remedial action: One of the following conditions exists on the physical interface which must be corrected. A cable/fiber fault exists which must be corrected - check to ensure that the cable is not faulty and is properly connected. The port is faulty - run diagnostics on the port to determine the nature of the fault.		

Table 21-98 EthernetPortNoAmLock

Alarm	Attributes	Applicable major releases
Name: EthernetPortNoAmLock (3558) Type: communicationsAlarm (4) Package: ethernetequipment Raised on class: ethernetequipment.EthernetPortSpecifics	Severity: major Implicitly cleared: true Default probable cause: NoAmLock (1388)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 11.0.R4 • 12.0
Description: The alarm is raised when a device reports a No Am Lock on an Ethernet port.		
Raising condition: (('Outstanding Alarms'anyBit'No AM Lock') AND ('Report Alarms'anyBit'No AM Lock'))		

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Alarm	Attributes	Applicable major releases
Clearing condition: NOT (('Outstanding Alarms'anyBit'No AM Lock') AND ('Report Alarms'anyBit'No AM Lock'))		
Remedial action: One of the following conditions exists on the referenced physical interface which must be corrected. A cable/fiber fault exists which must be corrected - check to ensure that the cable is not faulty and is properly connected. The port is faulty - run diagnostics on the port to determine the nature of the fault. If the problem cannot be resolved swap the card containing the port with a card which is known be functional.		

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Table 21-99 EthernetPortNoBlockLock

Alarm	Attributes	Applicable major releases
Name: EthernetPortNoBlockLock (3559) Type: communicationsAlarm (4) Package: ethernetequipment Raised on class: ethernetequipment.EthernetPortSpecifics	Severity: major Implicitly cleared: true Default probable cause: NoBlockLock (1389)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 11.0.R4 • 12.0
Description: The alarm is raised when a device reports a No Block Lock on an Ethernet port.		
Raising condition: (('Outstanding Alarms'anyBit'No Block Lock') AND ('Report Alarms'anyBit'No Block Lock'))		
Clearing condition: NOT (('Outstanding Alarms'anyBit'No Block Lock') AND ('Report Alarms'anyBit'No Block Lock'))		
Remedial action: One of the following conditions exists on the referenced physical interface which must be corrected. A cable/fiber fault exists which must be corrected - check to ensure that the cable is not faulty and is properly connected. The port is faulty - run diagnostics on the port to determine the nature of the fault. If the problem cannot be resolved swap the card containing the port with a card which is known be functional.		

Table 21-100 EthernetPortNoFrameLock

Alarm	Attributes	Applicable major releases
Name: EthernetPortNoFrameLock (306) Type: communicationsAlarm (4) Package: ethernetequipment Raised on class: ethernetequipment.EthernetPortSpecifics	Severity: major Implicitly cleared: true Default probable cause: NoFrameLock (237)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 11.0.R4 • 12.0
Description: The alarm is raised when a device reports No Frame Lock on an Ethernet port.		
Raising condition: (('Outstanding Alarms'anyBit'No Frame Lock') AND ('Report Alarms'anyBit'No Frame Lock'))		
Clearing condition: NOT (('Outstanding Alarms'anyBit'No Frame Lock') AND ('Report Alarms'anyBit'No Frame Lock'))		
Remedial action: One of the following conditions exists on the physical interface which must be corrected. A cable/fiber fault exists which must be corrected - check to ensure that the cable is not faulty and is properly connected. The port is faulty - run diagnostics on the port to determine the nature of the fault.		

Table 21-101 EthernetPortRemoteFault

Alarm	Attributes	Applicable major releases
Name: EthernetPortRemoteFault (304) Type: communicationsAlarm (4) Package: ethernetequipment Raised on class: ethernetequipment.EthernetPortSpecifics	Severity: major Implicitly cleared: true Default probable cause: RemoteFault (235)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 11.0.R4 • 12.0
Description: The alarm is raised when a device reports a remote fault on an Ethernet port.		
Raising condition: (('Outstanding Alarms'anyBit'Remote Fault') AND ('Report Alarms'anyBit'Remote Fault'))		
Clearing condition: NOT (('Outstanding Alarms'anyBit'Remote Fault') AND ('Report Alarms'anyBit'Remote Fault'))		
Remedial action: One of the following conditions exists on the remote physical interface which must be corrected. A cable/fiber fault exists which must be corrected - check to ensure that the cable is not faulty and is properly connected. The port is faulty - run diagnostics on the port to determine the nature of the fault.		

Table 21-102 EthernetPortSignalFailure

Alarm	Attributes	Applicable major releases
Name: EthernetPortSignalFailure (303) Type: communicationsAlarm (4) Package: ethernetequipment Raised on class: ethernetequipment.EthernetPortSpecifics	Severity: major Implicitly cleared: true Default probable cause: SignalFailure (234)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 11.0.R4 • 12.0
Description: The alarm is raised when a device reports a signal failure on an Ethernet port.		
Raising condition: (('Outstanding Alarms'anyBit'Signal Failure') AND ('Report Alarms'anyBit'Signal Failure'))		
Clearing condition: NOT (('Outstanding Alarms'anyBit'Signal Failure') AND ('Report Alarms'anyBit'Signal Failure'))		
Remedial action: One of the following conditions exists on the physical interface which must be corrected. A cable/fiber fault exists which must be corrected - check to ensure that the cable is not faulty and is properly connected. The port is faulty - run diagnostics on the port to determine the nature of the fault.		

Table 21-103 ExternalTimingReferenceNotQualified

Alarm	Attributes	Applicable major releases
Name: ExternalTimingReferenceNotQualified (548) Type: communicationsAlarm (4) Package: sonet Raised on class: sonet.SiteSync	Severity: minor Implicitly cleared: true Default probable cause: timingReferenceNotQualified (418)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 11.0.R4 • 12.0
Description: The alarm is raised when the External timing reference on an NE is not in the Qualified state.		
Raising condition: (('Qualified For Use' EQUAL 'Not Qualified') AND ('Administrative State' NOT EQUAL 'Down'))		
Clearing condition: (('Qualified For Use' NOT EQUAL 'Not Qualified') OR ('Administrative State' EQUAL 'Down'))		

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Alarm	Attributes	Applicable major releases
Remedial action: Informational		

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Table 21-104 FanFailure

Alarm	Attributes	Applicable major releases
Name: FanFailure (624) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.FanTray	Severity: critical Implicitly cleared: true Default probable cause: fanFailure (116)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 11.0.R4 • 12.0
Description: The alarm is raised when the associated fan is not operationally Up.		
Raising condition: (('Device State' EQUAL 'Failed') OR ('Device State' EQUAL 'Unknown') OR ('Device State' EQUAL 'OutOfservice'))		
Clearing condition: ('Device State' EQUAL 'OK')		
Remedial action: Remove and reset the fan unit. If this does not resolve the problem replace the fan.		

Table 21-105 FanTrayRemoved

Alarm	Attributes	Applicable major releases
Name: FanTrayRemoved (569) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.FanTray	Severity: critical Implicitly cleared: true Default probable cause: FanTrayRemoved (438)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 11.0.R4 • 12.0
Description: The alarm is raised when the deviceState attribute has a value of deviceNotEquipped.		
Raising condition: ('Device State' EQUAL 'Not Equipped')		
Clearing condition: ('Device State' NOT EQUAL 'Not Equipped')		
Remedial action: Informational - a fan tray has been removed from the NE.		

Table 21-106 ForwardingTableSizeLimitReached

Alarm	Attributes	Applicable major releases
Name: ForwardingTableSizeLimitReached (164) Type: resourceAlarm (28) Package: I2fwd Raised on class: I2fwd.SiteFib	Severity: major Implicitly cleared: true Default probable cause: resourceLimitReached (131)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 11.0.R4 • 12.0

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Alarm	Attributes	Applicable major releases
Description: The alarm is raised when the number of MAC address entries in the FIB reaches or exceeds the VPLS site high watermark specified by I2fwd.SiteFib.highWatermark. The alarm clears when the number of MAC address entries in the FIB drops below the VPLS site low watermark specified by I2fwd.SiteFib.lowWatermark. The alarm can be raised against a VPLS site, L2 access interface, or spoke SDP binding.		
Raising condition: (('Entries' >= 'Size') OR ('Entries' >= (('High Watermark' * 'Size') / 100.0)))"		
Clearing condition: (('Entries' < 'Size') AND (('High Watermark' EQUAL '0L') OR ('Entries' < (('Low Watermark' * 'Size') / 100.0))) AND (('Low Watermark' EQUAL '0L') OR ('Entries' < (('Low Watermark' * 'Size') / 100.0)))		
Remedial action: Informational		

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Table 21-107 FrameSizeProblem (netw)

Alarm	Attributes	Applicable major releases
Name: FrameSizeProblem (37) Type: configurationAlarm (11) Package: netw Raised on class: netw.StatefullConnectableInterface	Severity: critical Implicitly cleared: true Default probable cause: frameSizeProblem (33)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 11.0.R4 • 12.0
Description: The alarm is raised when a provisioned MTU size value is greater than the supported MTU size value.		
Raising condition: (('mtuMismatch' EQUAL 'true') AND ('portId' NOT EQUAL '0L'))		
Clearing condition: (('mtuMismatch' EQUAL 'false') OR ('portId' EQUAL '0L'))		
Remedial action: A configuration error has been made which must be corrected. The MTU value must be changed such that is less than or equal to the supported MTU size value.		

Table 21-108 FrameSizeProblem (svt)

Alarm	Attributes	Applicable major releases
Name: FrameSizeProblem (37) Type: configurationAlarm (11) Package: svt Raised on class: svt.SdpBinding	Severity: critical Implicitly cleared: true Default probable cause: frameSizeProblem (33)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 11.0.R4 • 12.0
Description: The alarm is raised when a provisioned MTU size value is greater than the supported MTU size value.		
Raising condition: (('Operational State' EQUAL 'MTU Mismatch') OR ('Operational State' EQUAL 'Tunnel MTU Too Small'))		
Clearing condition: (('Operational State' NOT EQUAL 'MTU Mismatch') AND ('Operational State' NOT EQUAL 'Tunnel MTU Too Small'))		
Remedial action: The MTU value must be changed such that is is less than or equal to the supported MTU size value.		

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Table 21-109 GaPeerDown

Alarm	Attributes	Applicable major releases
Name: GaPeerDown (3303) Type: EpcAlarm (59) Package: Iteggnsn Raised on class: Iteggnsn.GaPeer	Severity: major Implicitly cleared: true Default probable cause: EPSPeerDown (602)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 11.0.R4 • 12.0
Description: The alarm is raised when the path management state of a Ga peer changes to a state other than Up.		
Raising condition: ('Path Management State' NOT EQUAL 'Active')		
Clearing condition: ('Path Management State' EQUAL 'Active')		
Remedial action: A Ga reference point (peer) is operationally down for one of the following reasons: the underlying IP or physical interface is down, the far end peer is down or the underlying transport between this NE and the peer NE is down. To resolve the issue ensure that the IP/physical interface is up, check that the far end peer is operational and check that the underlying transport network is up.		

Table 21-110 GroupDown

Alarm	Attributes	Applicable major releases
Name: GroupDown (69) Type: ProtocolAlarm (1) Package: rip Raised on class: rip.Group	Severity: critical Implicitly cleared: true Default probable cause: protocolDown (1)	<ul style="list-style-type: none"> • 11.0 • 11.0.R4 • 12.0
Description: The alarm is raised when a RIP group has an Operational State other than Up, and the Administrative State is Up.		
Raising condition: (('administrativeState' EQUAL 'Up') AND ('operationalState' NOT EQUAL 'Up'))		
Clearing condition: (('operationalState' EQUAL 'Up') OR ('administrativeState' NOT EQUAL 'Up'))		
Remedial action: The RIP Group is down while it is administratively up. Please check RIP related configuration e.g., the RIP is not shutdown.		

Table 21-111 IgmpDown

Alarm	Attributes	Applicable major releases
Name: IgmpDown (158) Type: ProtocolAlarm (1) Package: igmp Raised on class: igmp.Site	Severity: critical Implicitly cleared: true Default probable cause: protocolDown (1)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 11.0.R4 • 12.0
Description: The alarm is raised when an IGMP site has an Operational State other than Up, and the Administrative State is Up.		
Raising condition: (('Administrative State' EQUAL 'Up') AND ('Operational State' NOT EQUAL 'Up'))		
Clearing condition: (('Operational State' EQUAL 'Up') OR ('Administrative State' NOT EQUAL 'Up'))		
Remedial action: While configured under VPRN, check if VPRN site is admin down, or if route distinguisher is not configured.		

Table 21-112 IgmpMaxGrpSrcsLimitExceeded

Alarm	Attributes	Applicable major releases
Name: IgmpMaxGrpSrcsLimitExceeded (4624) Type: configurationAlarm (11) Package: igmp Raised on class: igmp.Interface	Severity: major Implicitly cleared: false Default probable cause: IgmpMaxGrpSrcsLimitExceeded (1892)	<ul style="list-style-type: none"> • 11.0 • 12.0
Description: The alarm is raised when an attempt is made to configure an IGMP group source for a group when the number of group sources for this group is equal to 'maxGrpSources', the maximum number of group sources per group supported on the interface.		
Remedial action: Needs to increase 'maxGrpSources' value to allow more sources on this interface.		

Table 21-113 IgmpMaxSrcsLimitExceeded

Alarm	Attributes	Applicable major releases
Name: IgmpMaxSrcsLimitExceeded (3742) Type: configurationAlarm (11) Package: igmp Raised on class: igmp.Interface	Severity: major Implicitly cleared: false Default probable cause: IgmpMaxSrcsLimitExceeded (1477)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 11.0.R4 • 12.0
Description: The alarm is raised when an attempt is made to configure an IGMP source for a group when the number of sources for this group is equal to 'maxSources', the maximum number of sources per group supported on the interface.		
Remedial action: Needs to increase 'maxSources' value to allow more sources on this interface.		

Table 21-114 IncompleteConfig (multichassis)

Alarm	Attributes	Applicable major releases
Name: IncompleteConfig (294) Type: configurationAlarm (11) Package: multichassis Raised on classes: <ul style="list-style-type: none"> • multichassis.MultiChassisSync • multichassis.MultiChassisLagMember 	Severity: major Implicitly cleared: true Default probable cause: incompleteConfig (225)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 11.0.R4 • 12.0
Description: The alarm is raised when a peer configuration cannot be found on the peer NE.		
Raising condition: ('mcLagPointer' EQUAL '\')		
Clearing condition: ('mcLagPointer' NOT EQUAL '\')		
Remedial action: Configure the missing peered object.		

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Table 21-115 IncompleteConfiguration

Alarm	Attributes	Applicable major releases
Name: IncompleteConfiguration (1942) Type: operationalViolation (93) Package: netw Raised on class: netw.NetworkElement	Severity: warning Implicitly cleared: true Default probable cause: incompleteConfig (225)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 11.0.R4 • 12.0
Description: The alarm is raised when a pre-provisioned NE has no objects configured beneath it.		
Raising condition: (('State' EQUAL 'Pre-provisioned') AND ('eNodeB Equipment' EQUAL '\'))		
Clearing condition: (('State' EQUAL 'Pre-provisioned') AND ('eNodeB Equipment' NOT EQUAL '\'))		
Remedial action: A configuration error has been made which must be corrected. The configuration of the pre-provisioned NE is incomplete. A work order was not associated with the pre-provisioned NE and as a consequence the attempt to auto-configure the NE failed.		

Table 21-116 IncorrectEndPointPeerConfig

Alarm	Attributes	Applicable major releases
Name: IncorrectEndPointPeerConfig (1068) Type: configurationAlarm (11) Package: multichassis Raised on class: multichassis.MultiChassisEndpoint	Severity: major Implicitly cleared: true Default probable cause: incompleteEPPeerConfig (810)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 11.0.R4 • 12.0
Description: The alarm is raised when a peer configuration cannot be found on the peer NE.		
Raising condition: ('MC EndPoint Group Pointer' EQUAL '\')		
Clearing condition: ('MC EndPoint Group Pointer' NOT EQUAL '\')		
Remedial action: The peered object cannot be found on the peer NE. Either delete this one, or create the missing peer object.		

Table 21-117 IncorrectPeerConfig

Alarm	Attributes	Applicable major releases
Name: IncorrectPeerConfig (779) Type: configurationAlarm (11) Package: multichassis Raised on class: multichassis.AbstractPeer	Severity: major Implicitly cleared: true Default probable cause: IncorrectPeerConfig (554)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 11.0.R4 • 12.0
Description: The alarm is raised when an MC peer does not exist, or when an MC peer exists but the peer address is not the address of a network interface on the peer.		
Raising condition: ('peerMatchFound' EQUAL 'false')		
Clearing condition: ('peerMatchFound' EQUAL 'true')		
Remedial action: The peer configuration cannot be found on the peer NE. Either delete this one, or create the missing peer object.		

Table 21-118 IncorrectPeerSynchronizationPortConfig

Alarm	Attributes	Applicable major releases
Name: IncorrectPeerSynchronizationPortConfig (780) Type: configurationAlarm (11) Package: multichassis Raised on class: multichassis.PeerSynchronizationPort	Severity: major Implicitly cleared: true Default probable cause: IncorrectPeerSynchronizationPortConfig (555)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 11.0.R4 • 12.0
Description: The alarm is raised when the peer port does not exist, or when the peer port exists but the synchronization tags of the peers do not match.		
Raising condition: ('peerMatchFound' EQUAL 'false')		
Clearing condition: ('peerMatchFound' EQUAL 'true')		
Remedial action: Check if the peer port does not exist, or the peer port exists but the synchronization tags do not match.		

Table 21-119 IncorrectPeerSynchronizationPortEncapRangeConfig

Alarm	Attributes	Applicable major releases
Name: IncorrectPeerSynchronizationPortEncapRangeConfig (781) Type: configurationAlarm (11) Package: multichassis Raised on class: multichassis.PeerSynchronizationPortEncapRange	Severity: major Implicitly cleared: true Default probable cause: IncorrectPeerSynchronizationPortEncapRangeConfig (556)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 11.0.R4 • 12.0
Description: The alarm is raised when the VLAN ranges on the Multi-Chassis synchronization peers do not match.		
Raising condition: ('Neighbor Match' EQUAL 'false')		
Clearing condition: ('Neighbor Match' EQUAL 'true')		
Remedial action: Update the VLAN ranges on the Multi-Chassis synchronization peers to make them matching.		

Table 21-120 InstanceDown (srrp)

Alarm	Attributes	Applicable major releases
Name: InstanceDown (284) Type: configurationAlarm (11) Package: srrp Raised on class: srrp.Instance	Severity: major Implicitly cleared: true Default probable cause: instanceDown (216)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 11.0.R4 • 12.0
Description: The alarm is raised when the 5620 SAM detects that an SRRP instance is operationally down.		
Raising condition: (('Administrative State' EQUAL 'Up') AND ('Operational State' EQUAL 'Initialize'))		
Clearing condition: (('Operational State' NOT EQUAL 'Initialize') OR ('Administrative State' NOT EQUAL 'Up'))		

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Alarm	Attributes	Applicable major releases
Remedial action: Check the configuration of the instance		

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Table 21-121 InstanceDown (vrrp)

Alarm	Attributes	Applicable major releases
Name: InstanceDown (284) Type: configurationAlarm (11) Package: vrrp Raised on class: vrrp.AbstractInstance	Severity: major Implicitly cleared: true Default probable cause: instanceDown (216)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 11.0.R4 • 12.0
Description: The alarm is raised when the 5620 SAM detects that a VRRP instance is operationally down.		
Raising condition: (('Administrative State' EQUAL 'Up') AND ('Operational State' NOT EQUAL 'Up'))		
Clearing condition: (('Operational State' EQUAL 'Up') OR ('Administrative State' NOT EQUAL 'Up'))		
Remedial action: Check the instance configuration		

Table 21-122 InterChassisCommunicationDown

Alarm	Attributes	Applicable major releases
Name: InterChassisCommunicationDown (8067) Type: communicationsAlarm (4) Package: netw Raised on class: netw.NetworkElement	Severity: critical Implicitly cleared: true Default probable cause: InterChassisCommunicationDown (2468)	<ul style="list-style-type: none"> • 12.0
Description: The InterChassisCommunicationDown alarm is generated by 7950 XRS-40 when the active CPM of Master chassis cannot reach the Extended (far-end) chassis. The resources on the far-end chassis are not available, this event indicates that the CPM, SFM and XCM cards in the far-end chassis will reboot and remain operationally down Until communications are re-established.		
Remedial action: Ensure that all the CPM (A & B) interconnect ports of Master and Extended chassis in the system are properly cabled together with working cables.		

Table 21-123 InterConnectPortDDMFailure

Alarm	Attributes	Applicable major releases
Name: InterConnectPortDDMFailure (5621) Type: communicationsAlarm (4) Package: equipment Raised on class: equipment.InterConnectPort	Severity: minor Implicitly cleared: true Default probable cause: InterConnectPortDDMFailure (2389)	<ul style="list-style-type: none"> • 12.0
Description: The InterConnectPortDDMFailure alarm is generated by 7950 XRS-40 when a small form factor (SFF) connector in a inter connect port that supports Digital Diagnostic Monitoring (DDM) enters failed state.		

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Alarm	Attributes	Applicable major releases
Remedial action: The InterConnectPortDDMFailure alarm is generated when a small form factor (SFF) connector in a inter connect port that supports Digital Diagnostic Monitoring (DDM) enters failed state, please check whether the SFF is connected properly and it functions properly, rectify any issues it may have.		

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Table 21-124 InterConnectPortLinkDown

Alarm	Attributes	Applicable major releases
Name: InterConnectPortLinkDown (5622) Type: communicationsAlarm (4) Package: equipment Raised on class: equipment.InterConnectPort	Severity: minor Implicitly cleared: true Default probable cause: InterConnectPortLinkDown (2390)	<ul style="list-style-type: none"> 12.0
Description: The InterConnectPortLinkDown alarm is generated by 7950 XRS-40 when the interconnect port is not operational. The reason may be a cable connected incorrectly, a disconnected cable, a faulty cable, or a misbehaving interconnect port.		
Raising condition: (('Operational State' EQUAL 'No Link') AND ('SFF Status' EQUAL 'Operational'))		
Clearing condition: ('Operational State' EQUAL 'Up')		
Remedial action: Ensure that all the interconnect ports of Master and Extended chassis in the system are properly cabled together with working cables also manual verification, testing of each interconnect port and a replacement of cabling may be required for fully functional operation.		

Table 21-125 InterConnectPortMisconnected

Alarm	Attributes	Applicable major releases
Name: InterConnectPortMisconnected (5623) Type: communicationsAlarm (4) Package: equipment Raised on class: equipment.InterConnectPort	Severity: minor Implicitly cleared: true Default probable cause: InterConnectPortMisconnected (2391)	<ul style="list-style-type: none"> 12.0
Description: The InterConnectPortMisconnected alarm is generated by 7950 XRS-40 when interconnect ports are misconnected, master chassis interconnect ports should always be connected to appropriate extended chassis interconnect port, there is a misconnection hence this alarm has been raised.		
Raising condition: ('Operational State' EQUAL 'Invalid Connection')		
Clearing condition: ('Operational State' EQUAL 'Up')		
Remedial action: Inter connect ports connections are invalid, source and target ports are misconnected, please connect appropriate source and target ports. Please refer the nodal documentation to know details about which ports in master and extended chassis should be to be connected.		

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Table 21-126 InterConnectPortSFFFailure

Alarm	Attributes	Applicable major releases
Name: InterConnectPortSFFFailure (5624) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.InterConnectPort	Severity: minor Implicitly cleared: true Default probable cause: InterConnectPortSFFFailure (2392)	<ul style="list-style-type: none"> 12.0
Description: The SFFFailure alarm is generated by 7950 XRS-40 when SFF of the interconnect port has failed, this is has been indicated by the field SFFStatus having value read-error.		
Raising condition: (('SFF Status' NOT EQUAL 'Not Equipped') AND ('SFF Status' NOT EQUAL 'Operational') AND ('SFF Status' NOT EQUAL 'SFP Unsupported'))		
Clearing condition: (('SFF Status' EQUAL 'Not Equipped') OR ('SFF Status' EQUAL 'Operational'))		
Remedial action: The Small Form Factor (SFF) used in interconnect port has failed, please use the appropriate SFF which ALU has recommended, if the SFF is correct please remove and re-insert the SFF device. If the problem persists then replace the SFF device.		

Table 21-127 InterfaceDown (netw)

Alarm	Attributes	Applicable major releases
Name: InterfaceDown (36) Type: InterfaceAlarm (13) Package: netw Raised on class: netw.StatefullConnectableInterface	Severity: critical Implicitly cleared: true Default probable cause: interfaceDown (32)	<ul style="list-style-type: none"> 10.0 11.0 11.0.R4 12.0
Description: The alarm is raised when an interface or underlying resource fails, as indicated by an interface compositeState attribute value of failed or underlyingResourceFailed.		
Raising condition: (('compositeState' EQUAL 'Inoperable') OR ('compositeState' EQUAL 'Underlying Resource Inoperable'))		
Clearing condition: (('compositeState' NOT EQUAL 'Inoperable') AND ('compositeState' NOT EQUAL 'Underlying Resource Inoperable'))		
Remedial action: A physical port (physical interface, LAG, channel) associated with the network interface in not operation. Ensure that the interface is cabled and that there is not a configuration error (i.e. MTU size set incorrectly) on the interface. Once the issue w		

Table 21-128 InterfaceDown (vpls)

Alarm	Attributes	Applicable major releases
Name: InterfaceDown (36) Type: configurationAlarm (11) Package: vpls Raised on class: vpls.L2ManagementInterface	Severity: major Implicitly cleared: true Default probable cause: interfaceDown (32)	<ul style="list-style-type: none"> 10.0 11.0 11.0.R4 12.0
Description: The alarm is raised when an L2 management interface has an Operational State of Down, and the associated VPLS site has an Administrative State of Up.		

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Alarm	Attributes	Applicable major releases
Raising condition: (('administrativeState' EQUAL 'Up') AND ('operationalState' NOT EQUAL 'Up'))		
Clearing condition: (('operationalState' EQUAL 'Up') OR ('administrativeState' NOT EQUAL 'Up'))		
Remedial action: The condition exists because the physical interface is down either because it is administratively disabled, faulty or a cabling fault has occurred. Ensure that the interface is administratively up. Check for a poor cable connection to the port or for a faulty cable/fiber. If neither appears to be the problem run diagnostics on the port to determine if it is faulty.		

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Table 21-129 InterfaceDown (vprn)

Alarm	Attributes	Applicable major releases
Name: InterfaceDown (36) Type: configurationAlarm (11) Package: vprn Raised on class: vprn.IPMirrorInterface	Severity: major Implicitly cleared: true Default probable cause: interfaceDown (32)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 11.0.R4 • 12.0
Description: The alarm is raised when the 5620 SAM detects that an interface is operationally down.		
Raising condition: (('administrativeState' EQUAL 'Up') AND ('operationalState' NOT EQUAL 'Up'))		
Clearing condition: (('operationalState' EQUAL 'Up') OR ('administrativeState' NOT EQUAL 'Up'))		
Remedial action: A physical port (physical interface, LAG, channel) associated with the network interface in not operation. Ensure that the interface is cabled and that there is not a configuration error (i.e. MTU size set incorrectly) on the interface. Once the issue w		

Table 21-130 InterfaceNeighborDown

Alarm	Attributes	Applicable major releases
Name: InterfaceNeighborDown (661) Type: NeighborDown (20) Package: ospf Raised on class: ospf.Interface	Severity: warning Implicitly cleared: true Default probable cause: NeighborDown (103)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 11.0.R4 • 12.0
Description: The alarm is raised when an interface neighbor is operationally down.		
Raising condition: (('Neighbor Count' EQUAL '0L') AND ('interfaceClass' NOT EQUAL 'System') AND ('Passive' NOT EQUAL 'true'))		
Clearing condition: (('Neighbor Count' NOT EQUAL '0L') OR ('Passive' EQUAL 'true'))		
Remedial action: This alarm is raised when the OSPF interface neighbor is operationally down. The situation may occur if the underlying physical interface is down either because of administrative disabling or a fault on the far end port or due to a cable connection or cable failure. This alarm will also be raised if the underlying transport network fails or is unreliable. Resolving the underlying instability in the transport network will correct this problem.		

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Table 21-131 IOMEventOverflow

Alarm	Attributes	Applicable major releases
Name: IOMEventOverflow (5617) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.BaseCard	Severity: critical Implicitly cleared: true Default probable cause: IOMEventOverflow (2384)	<ul style="list-style-type: none"> 12.0
Description: The alarm is generated when tmnxlomResStateClr, tmnxlomResExhausted and tmnxlomResHighLimitReached occur more than 200 times because of resource usage fluctuation. The IOM raises the final trap to indicate overflow and stops logging traps.		
Remedial action: Informational - The alarm will be cleared when the CPM polls the IOM for traps and the overflow is cleared by logging an overflow-clear on a particular card.		

Table 21-132 IOMResUtilizationLimit

Alarm	Attributes	Applicable major releases
Name: IOMResUtilizationLimit (5618) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.BaseCard	Severity: major Implicitly cleared: true Default probable cause: IOMResHighLimitReached (2385) Applicable probable causes: <ul style="list-style-type: none"> IOMResHighLimitReached IOMResExhausted 	<ul style="list-style-type: none"> 12.0
Description: The alarm is generated when the type of resources on IOM as specified by tmnxlomResourceType has reached the value of tmnxlomResourceLimitPct.		
Remedial action: Informational - The alarm will be cleared when the type of resources on IOM as specified by tmnxlomResourceType has dropped back down below the value of tmnxlomResourceLimitPct.		

Table 21-133 IsisAdjacencyDown

Alarm	Attributes	Applicable major releases
Name: IsisAdjacencyDown (153) Type: adjacencyAlarm (31) Package: isis Raised on class: isis.Interface	Severity: minor Implicitly cleared: true Default probable cause: IsisInterfaceDown (232)	<ul style="list-style-type: none"> 10.0 11.0 11.0.R4 12.0
Description: The alarm is raised when an IS-IS interface has no adjacencies, for example, because the IS-IS protocol on the remote site is down.		
Raising condition: (('Adjacency Count' EQUAL '0L') AND ('interfaceClass' NOT EQUAL 'System') AND ('Passive' NOT EQUAL 'True'))		
Clearing condition: (('Adjacency Count' > '0L') OR ('Passive' EQUAL 'True'))		
Remedial action: Check remote site to see if corresponding IS-IS interface is configured and admin up.		

Table 21-134 IsisDown

Alarm	Attributes	Applicable major releases
Name: IsisDown (19) Type: ProtocolAlarm (1) Package: isis Raised on class: isis.Site	Severity: critical Implicitly cleared: true Default probable cause: protocolDown (1)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 11.0.R4 • 12.0
Description: The alarm is raised when an IS-IS site has an Operational State other than Up, and the Administrative State is Up.		
Raising condition: (('Administrative State' EQUAL 'Up') AND ('Operational State' NOT EQUAL 'Up'))		
Clearing condition: (('Operational State' EQUAL 'Up') OR ('Administrative State' NOT EQUAL 'Up'))		
Remedial action: The protocol is not working anymore, could be a problem with IP addresses, resources on the device, ...		

Table 21-135 IsisInterfaceDown

Alarm	Attributes	Applicable major releases
Name: IsisInterfaceDown (301) Type: ProtocolAlarm (1) Package: isis Raised on class: isis.Interface	Severity: warning Implicitly cleared: true Default probable cause: protocolDown (1)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 11.0.R4 • 12.0
Description: The alarm is raised when an IS-IS interface has an Operational State other than Up.		
Raising condition: ('Operational State' EQUAL 'Down')		
Clearing condition: ('Operational State' NOT EQUAL 'Down')		
Remedial action: Check if underlying port is down, or associated network interface is down.		

Table 21-136 KeepAliveProblem

Alarm	Attributes	Applicable major releases
Name: KeepAliveProblem (100) Type: oamAlarm (18) Package: svt Raised on class: svt.Tunnel	Severity: warning Implicitly cleared: true Default probable cause: keepAliveFailed (86)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 11.0.R4 • 12.0
Description: The alarm is raised when the 5620 SAM detects a keep-alive protocol status of senderIdInvalid or responderIdError.		
Raising condition: (('Keep-Alive State' NOT EQUAL 'Disabled') AND ('Keep-Alive State' NOT EQUAL 'Alive') AND ('Keep-Alive State' NOT EQUAL 'Unknown'))		
Clearing condition: (('Keep-Alive State' EQUAL 'Disabled') OR ('Keep-Alive State' EQUAL 'Alive') OR ('Keep-Alive State' EQUAL 'Unknown'))		
Remedial action: Check the configuration of this tunnel and underlying physical transport.		

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Table 21-137 LabelProblem

Alarm	Attributes	Applicable major releases
Name: LabelProblem (98) Type: CircuitAlarm (17) Package: svt Raised on class: svt.SdpBinding	Severity: critical Implicitly cleared: true Default probable cause: labelProblem (84)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 11.0.R4 • 12.0
Description: The alarm is raised when an ingress or an egress label is missing.		
Raising condition: (('Operational State' EQUAL 'No Egress Label') OR ('Operational State' EQUAL 'No Ingress Label') OR ('Operational State' EQUAL 'No Labels'))		
Clearing condition: (('Operational State' NOT EQUAL 'No Egress Label') AND ('Operational State' NOT EQUAL 'No Ingress Label') AND ('Operational State' NOT EQUAL 'No Labels'))		
Remedial action: An ingress or egress label is missing for the SDP binding.		

Table 21-138 LagDown

Alarm	Attributes	Applicable major releases
Name: LagDown (20) Type: equipmentAlarm (3) Package: lag Raised on class: lag.Interface	Severity: critical Implicitly cleared: true Default probable cause: lagDown (17)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 11.0.R4 • 12.0
Description: The alarm is raised when all ports in a LAG are operationally down.		
Raising condition: (('Administrative State' EQUAL 'Up') AND ('operationalState' NOT EQUAL 'Up'))		
Clearing condition: (('operationalState' EQUAL 'Up') OR ('Administrative State' NOT EQUAL 'Up'))		
Remedial action: This alarm indicates that all physical Ethernet links associated with a LAG are operationally down. The reasons for the links to be down may vary from link to link. The following possible causes of this alarm should be investigated. The physical port (near end or far end) may have failed - this can be remedied by replacing the interface card in question. The physical links may have been turned down administratively - re-enable the links. A cable failure or disconnect may have occurred - please ensure that the cables are properly connected to the physical port and that the cable has not been damaged.		

Table 21-139 LagPortAddFailed

Alarm	Attributes	Applicable major releases
Name: LagPortAddFailed (422) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.PhysicalPort	Severity: warning Implicitly cleared: true Default probable cause: linkDown (315)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 11.0.R4 • 12.0
Description: The alarm is raised when the Lag Port Add function Fails.		
Raising condition: (('state' EQUAL 'Link Down') AND ('LAG ID' > '0'))		
Clearing condition: (('state' NOT EQUAL 'Link Down') OR ('LAG ID' EQUAL '0'))		

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Alarm	Attributes	Applicable major releases
Remedial action: A configuration error has occurred which must be corrected. The link that was to be added to the LAG group may be of the wrong type (i.e. non ethernet) or the limit of the number of links supported in a LAG may have been reached.		

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Table 21-140 LdpDown

Alarm	Attributes	Applicable major releases
Name: LdpDown (22) Type: ProtocolAlarm (1) Package: Idp Raised on class: Idp.Site	Severity: critical Implicitly cleared: true Default probable cause: protocolDown (1)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 11.0.R4 • 12.0
Description: The alarm is raised when an LDP site has an Operational State other than Up, and the Administrative State is Up.		
Raising condition: (('Administrative State' EQUAL 'Up') AND ('Operational State' NOT EQUAL 'Up'))		
Clearing condition: (('Operational State' EQUAL 'Up') OR ('Administrative State' NOT EQUAL 'Up'))		
Remedial action: Check operational state down reason and update accordingly.		

Table 21-141 LdpSessionNonexistent

Alarm	Attributes	Applicable major releases
Name: LdpSessionNonexistent (2954) Type: LdpSessionAlarm (101) Package: Idp Raised on class: Idp.Session	Severity: critical Implicitly cleared: true Default probable cause: LdpSessionDown (1149)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 11.0.R4 • 12.0
Description: The alarm is raised when an LDP session is non-existent.		
Raising condition: ('Session State' EQUAL 'Non-existent')		
Clearing condition: ('Session State' EQUAL 'Operational')		
Remedial action: Please check the LDP session path to make sure all associated protocols/interfaces/connections are OK.		

Table 21-142 LdpTargetedPeerDown

Alarm	Attributes	Applicable major releases
Name: LdpTargetedPeerDown (23) Type: ProtocolAlarm (1) Package: Idp Raised on class: Idp.TargetedPeer	Severity: critical Implicitly cleared: true Default probable cause: protocolDown (1)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 11.0.R4 • 12.0
Description: The alarm is raised when an LDP targeted peer is operationally down.		

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Alarm	Attributes	Applicable major releases
Raising condition: (('administrativeState' EQUAL 'Up') AND ('operationalState' NOT EQUAL 'Up'))		
Clearing condition: (('operationalState' EQUAL 'Up') OR ('administrativeState' NOT EQUAL 'Up'))		
Remedial action: Please check the route to LDP targeted peer to make sure all associated protocols/interfaces/connections are OK.		

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Table 21-143 LicensedLimitExceeded

Alarm	Attributes	Applicable major releases
Name: LicensedLimitExceeded (127) Type: licensingAlarm (23) Package: security Raised on class: security.ProductLicense	Severity: critical Implicitly cleared: true Default probable cause: licensedLimitExceeded (106)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 11.0.R4 • 12.0
Description: The alarm is raised when the license items in the network exceeds 100 percent of the license capacity.		
Raising condition: ('Exceeded' EQUAL 'true')		
Clearing condition: ('Exceeded' NOT EQUAL 'true')		
Remedial action: Informational - The number of SAM licenses purchased and available on the SAM server is insufficient as compared to the number of NEs/MDA/Cells under management in the network. Please contact Alcatel-Lucent Sales to purchase additional licenses.		

Table 21-144 LineAlarmIndicationSignal

Alarm	Attributes	Applicable major releases
Name: LineAlarmIndicationSignal (84) Type: communicationsAlarm (4) Package: sonetequipment Raised on class: sonetequipment.SonetPortMonitorSpecifics	Severity: major Implicitly cleared: true Default probable cause: lineAlarmIndicationSignal (70)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 11.0.R4 • 12.0
Description: The alarm is raised when a SONET port reports an LAIS error. The alarm corresponds to the lais alarm on an NE.		
Raising condition: (('Outstanding Alarms'anyBit'Line Alarm Indication Signal') AND ('Report Alarms'anyBit'Line Alarm Indication Signal'))		
Clearing condition: NOT (('Outstanding Alarms'anyBit'Line Alarm Indication Signal') AND ('Report Alarms'anyBit'Line Alarm Indication Signal'))		
Remedial action: Informational only.		

Table 21-145 LineErrorCondition

Alarm	Attributes	Applicable major releases
Name: LineErrorCondition (94) Type: communicationsAlarm (4) Package: sonetequipment Raised on class: sonetequipment.SonetPortMonitorSpecifics	Severity: major Implicitly cleared: true Default probable cause: lineErrorCondition (80)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 11.0.R4 • 12.0
Description: The alarm is raised when a SONET port reports a line error condition that a remote NE raises because of b1 errors received from the local NE. The alarm corresponds to the Irei alarm on an NE.		
Raising condition: (('Outstanding Alarms'anyBit'Line Error Condition') AND ('Report Alarms'anyBit'Line Error Condition'))		
Clearing condition: NOT (('Outstanding Alarms'anyBit'Line Error Condition') AND ('Report Alarms'anyBit'Line Error Condition'))		
Remedial action: Check the SONET port is configured correctly and that the physical layer cabling is operating correctly. Call customer support if necessary.		

Table 21-146 LineRemoteDefectIndication

Alarm	Attributes	Applicable major releases
Name: LineRemoteDefectIndication (85) Type: communicationsAlarm (4) Package: sonetequipment Raised on class: sonetequipment.SonetPortMonitorSpecifics	Severity: major Implicitly cleared: true Default probable cause: lineRemoteDefectIndication (71)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 11.0.R4 • 12.0
Description: The alarm is raised when a SONET port reports a line remote defect indication error caused by an LOF, LOC, or LOS condition. The alarm corresponds to the Irdi alarm on an NE.		
Raising condition: (('Outstanding Alarms'anyBit'Line Remote Defect Indication') AND ('Report Alarms'anyBit'Line Remote Defect Indication'))		
Clearing condition: NOT (('Outstanding Alarms'anyBit'Line Remote Defect Indication') AND ('Report Alarms'anyBit'Line Remote Defect Indication'))		
Remedial action: Informational only.		

Table 21-147 LinkDown (equipment)

Alarm	Attributes	Applicable major releases
Name: LinkDown (12) Type: communicationsAlarm (4) Package: equipment Raised on class: equipment.Equipment	Severity: major Implicitly cleared: true Default probable cause: portLinkProblem (10)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 11.0.R4 • 12.0
Description: The alarm is raised when a port has no associated physical link or remote end point is operationally down.		
Raising condition: (('compositeEquipmentState' EQUAL 'Link Down') OR ('compositeEquipmentState' EQUAL 'Oper Down'))		

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Alarm	Attributes	Applicable major releases
Clearing condition: (('compositeEquipmentState' NOT EQUAL 'Link Down') AND ('compositeEquipmentState' NOT EQUAL 'Oper Down'))		
Remedial action: Please make sure that port has physical link and remote end point is operationally up.		

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Table 21-148 LocalRncvOperDown

Alarm	Attributes	Applicable major releases
Name: LocalRncvOperDown (521) Type: redundancyAlarm (52) Package: multichassis Raised on class: multichassis.MultiChassisRingNode	Severity: major Implicitly cleared: true Default probable cause: localRncvDisconnected (396)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 11.0.R4 • 12.0
Description: The alarm is raised when the local RNCV Operational State of a ring node is other than Connected or NotTested, which means that the ring node is not connected to the local MC ring group. The alarm clears when the ring node enters the Connected or NotTested state.		
Raising condition: (('Local Operational State' NOT EQUAL 'Connected') AND ('Local Operational State' NOT EQUAL 'Not Tested'))		
Clearing condition: (('Local Operational State' EQUAL 'Connected') OR ('Local Operational State' EQUAL 'Not Tested'))		
Remedial action: Make sure that ring node is properly connected to MC ring group.		

Table 21-149 LossOfClock (sonetequipment)

Alarm	Attributes	Applicable major releases
Name: LossOfClock (83) Type: communicationsAlarm (4) Package: sonetequipment Raised on class: sonetequipment.SonetPortMonitorSpecifics	Severity: major Implicitly cleared: true Default probable cause: lossOfClock (69)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 11.0.R4 • 12.0
Description: The alarm is raised when a SONET port reports an LOC condition, which causes the NE to set the port Operational State to Down.		
Raising condition: (('Outstanding Alarms'anyBit'Loss of Clock') AND ('Report Alarms'anyBit'Loss of Clock'))		
Clearing condition: NOT (('Outstanding Alarms'anyBit'Loss of Clock') AND ('Report Alarms'anyBit'Loss of Clock'))		
Remedial action: One of the following conditions exists on the referenced physical interface which must be corrected. A cable/fiber fault exists which must be corrected - check to ensure that the cable is not faulty and is properly connected.		

Table 21-150 LowTemperatureDetected

Alarm	Attributes	Applicable major releases
Name: LowTemperatureDetected (1127) Type: environmentalAlarm (2) Package: equipment Raised on class: equipment.Shelf	Severity: major Implicitly cleared: true Default probable cause: equipmentOvercooled (838)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 11.0.R4 • 12.0
Description: The alarm is raised when the chassis temperature falls below the minimum threshold.		
Raising condition: ('Low Temperature State' EQUAL 'Low')		
Clearing condition: ('Low Temperature State' NOT EQUAL 'Low')		
Remedial action: The NE has detected internal temperatures which are abnormally low. This may happen when the environment that the NE is operating in may not be within specifications found in the NE user guides.		

Table 21-151 LowTemperatureThresholdCrossed

Alarm	Attributes	Applicable major releases
Name: LowTemperatureThresholdCrossed (1128) Type: environmentalAlarm (2) Package: equipment Raised on class: equipment.Environment	Severity: major Implicitly cleared: true Default probable cause: equipmentOvercooled (838)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 11.0.R4 • 12.0
Description: The alarm is raised when a low-temperature threshold is crossed.		
Raising condition: ('lowTemperatureThresholdCrossed' EQUAL 'true')		
Clearing condition: ('lowTemperatureThresholdCrossed' EQUAL 'false')		
Remedial action: The NE has detected internal temperatures which are abnormally high. This could be caused by a failed fan unit or one or more dirty fan filters. Replacing the failed unit or filters should resolve the problem. Alternately the environment that the NE is operating in may not be within specifications found in the NE user guides.		

Table 21-152 LspDown

Alarm	Attributes	Applicable major releases
Name: LspDown (25) Type: pathAlarm (12) Package: mpls Raised on class: mpls.Lsp	Severity: critical Implicitly cleared: true Default probable cause: lspDown (19)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 11.0.R4 • 12.0
Description: The alarm is raised when the Operational State of an LSP is Down, but the Administrative State is Up.		
Raising condition: (('administrativeState' EQUAL 'Up') AND ('operationalState' NOT EQUAL 'Up'))		
Clearing condition: (('operationalState' EQUAL 'Up') OR ('administrativeState' NOT EQUAL 'Up'))		
Remedial action: So many things can cause LSP down, check if source and destination interfaces are down, LSP path is down and the failure code, or MPLS path is down...		

Table 21-153 LspPathBypassTunnelActive

Alarm	Attributes	Applicable major releases
Name: LspPathBypassTunnelActive (264) Type: pathAlarm (12) Package: mpls Raised on class: mpls.LspPath	Severity: warning Implicitly cleared: true Default probable cause: LspPathReroutedToBypassTunnel (197)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 11.0.R4 • 12.0
Description: The alarm is raised when an LSP primary path is rerouted to the bypass tunnel. The alarm clears when the primary path returns to the original tunnel and the actual hop returns to the primary path.		
Raising condition: ('Bypass Tunnel Active' EQUAL 'true')		
Clearing condition: ('Bypass Tunnel Active' EQUAL 'false')		
Remedial action: There is a problem with the original path, check what is the problem and fix it if possible.		

Table 21-154 LspPathDown

Alarm	Attributes	Applicable major releases
Name: LspPathDown (26) Type: pathAlarm (12) Package: mpls Raised on class: mpls.LspPath	Severity: major Implicitly cleared: true Default probable cause: LspPathDown (20)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 11.0.R4 • 12.0
Description: The alarm is raised when an LSP path is operationally down.		
Raising condition: (('Administrative' EQUAL 'Up') AND ('Operational' NOT EQUAL 'Up') AND ('Type' EQUAL 'Standby'))		
Clearing condition: (('Operational' EQUAL 'Up') OR ('Administrative' NOT EQUAL 'Up') OR ('Type' EQUAL 'Secondary'))		
Remedial action: Check the failure code and update accordingly, e.g. whether MPLS/RSVP interfaces, OSPF interfaces are down.		

Table 21-155 LSRPATHDown

Alarm	Attributes	Applicable major releases
Name: LSRPATHDown (4898) Type: pathAlarm (12) Package: mplstp Raised on class: mplstp.TPLSRPath	Severity: critical Implicitly cleared: true Default probable cause: LSRPATHDown (1955)	<ul style="list-style-type: none"> • 12.0
Description: The alarm is raised when the TP LSR Path Administrative State is Up and the Operational State is Down. The alarm clears when the TP LSR Path Operational State changes to Up or the Administrative State changes to Down.		
Raising condition: (('Administrative' EQUAL 'Up') AND ('Operational' NOT EQUAL 'Up'))		
Clearing condition: (('Operational' EQUAL 'Up') OR ('Administrative' NOT EQUAL 'Up'))		
Remedial action: The Operational state of the TP LSR Path is down, despite the Administrative state being up. Review the configuration and make sure that the Administrative state is up, the forward and reverse labels are set and the Out-Link interface is operationally up.		

Table 21-156 macMoveRateExceeded (service)

Alarm	Attributes	Applicable major releases
Name: macMoveRateExceeded (3690) Type: accessInterfaceAlarm (40) Package: service Raised on class: service.AccessInterface	Severity: minor Implicitly cleared: true Default probable cause: MacMoveRateExceeded (1429)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 11.0.R4 • 12.0
Description: The alarm is raised when the SAP exceeds the MAC Move Frequency of the service site.		
Raising condition: ('State Cause'anyBit'Relearn Limit Exceeded')		
Clearing condition: NOT (('State Cause'anyBit'Relearn Limit Exceeded'))		
Remedial action: Informational.		

Table 21-157 macMoveRateExceeded (svt)

Alarm	Attributes	Applicable major releases
Name: macMoveRateExceeded (3690) Type: SpokeSdpBindingAlarm (104) Package: svt Raised on class: svt.SpokeSdpBinding	Severity: minor Implicitly cleared: true Default probable cause: MacMoveRateExceeded (1429)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 11.0.R4 • 12.0
Description: The alarm is raised when the SDP exceeds the Service Site's MAC Move Frequency.		
Raising condition: ('operationalFlags'anyBit'Relearn Limit Exceeded')		
Clearing condition: NOT (('operationalFlags'anyBit'Relearn Limit Exceeded'))		
Remedial action: Check Service Site MAC move frequency or underlying physical link to understand issue.		

Table 21-158 macMoveRateExceededNonBlock (service)

Alarm	Attributes	Applicable major releases
Name: macMoveRateExceededNonBlock (4893) Type: accessInterfaceAlarm (40) Package: service Raised on class: service.AccessInterface	Severity: info Implicitly cleared: true Default probable cause: MacMoveRateExceededNonBlock (1951)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 11.0.R4 • 12.0
Description: The alarm is raised when the SAP exceeds the MAC Move Frequency of the service site when limitMacMove(sapTIsLimitMacMove) is set to 'nonBlocking'.		
Raising condition: ('State Cause'anyBit'Relearn Limit Exceeded')		
Clearing condition: NOT (('State Cause'anyBit'Relearn Limit Exceeded'))		
Remedial action: Informational - User can adjust the value of 'MAC Move Maximum Rate' to reduce the frequency of this alarm.		

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Table 21-159 macMoveRateExceededNonBlock (svt)

Alarm	Attributes	Applicable major releases
Name: macMoveRateExceededNonBlock (4893) Type: SpokeSdpBindingAlarm (104) Package: svt Raised on class: svt.SpokeSdpBinding	Severity: info Implicitly cleared: true Default probable cause: MacMoveRateExceededNonBlock (1951)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 11.0.R4 • 12.0
Description: The alarm is raised when the SDP exceeds the Service Site's MAC Move Frequency even when limitMacMove(sdpBindTIsLimitMacMove) is set to 'nonBlocking'.		
Raising condition: ('operationalFlags'anyBit'Relearn Limit Exceeded')		
Clearing condition: NOT (('operationalFlags'anyBit'Relearn Limit Exceeded'))		
Remedial action: Informational - User can adjust the value of 'MAC Move Maximum Rate' to reduce the frequency of this alarm.		

Table 21-160 MCLagDown (lag)

Alarm	Attributes	Applicable major releases
Name: MCLagDown (394) Type: equipmentAlarm (3) Package: lag Raised on class: lag.MultiChassisLagSpecifics	Severity: critical Implicitly cleared: true Default probable cause: mCLagDown (295)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 11.0.R4 • 12.0
Description: The alarm is raised when all ports in an MC LAG are operationally down.		
Raising condition: (('administrativeState' EQUAL 'Up') AND ('operationalState' NOT EQUAL 'Up'))		
Clearing condition: (('operationalState' EQUAL 'Up') OR ('administrativeState' NOT EQUAL 'Up'))		
Remedial action: This alarm indicates that all physical Ethernet links associated with a LAG are operationally down. The reasons for the links to be down may vary from link to link. The following possible causes of this alarm should be investigated. The physical port (near end or far end may have failed - this can be remedied by replacing the interface card in question. The physical links may have been turned down administratively - re-enable the links. A cable failure or disconnect may have occurred - please ensure that the cables are properly connected to the physical port and and that the cable has not been damaged.		

Table 21-161 MCLagDown (multichassis)

Alarm	Attributes	Applicable major releases
Name: MCLagDown (394) Type: equipmentAlarm (3) Package: multichassis Raised on class: multichassis.MultiChassisLagPeerSpecifics	Severity: critical Implicitly cleared: true Default probable cause: mCLagDown (295)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 11.0.R4 • 12.0
Description: The alarm is raised when all ports in an MC LAG are operationally Down.		
Raising condition: (('Administrative State' EQUAL 'Up') AND ('Operational State' NOT EQUAL 'Up'))		
Clearing condition: (('Operational State' EQUAL 'Up') OR ('Administrative State' NOT EQUAL 'Up'))		

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Alarm	Attributes	Applicable major releases
Remedial action: This alarm indicates that all physical Ethernet links associated with a LAG are operationally down. The reasons for the links to be down may vary from link to link. The following possible causes of this alarm should be investigated. The physical port (near end or far end may have failed - this can be remedied by replacing the interface card in question. The physical links may have been turned down administratively - re-enable the links. A cable failure or disconnect may have occurred - please ensure that the cables are properly connected to the physical port and and that the cable has not been damaged.		

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Table 21-162 MCPeerEPDown

Alarm	Attributes	Applicable major releases
Name: MCPeerEPDown (1069) Type: equipmentAlarm (3) Package: multichassis Raised on class: multichassis.MultiChassisEndpoint	Severity: critical Implicitly cleared: true Default probable cause: MCPeerEPDown (811)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 11.0.R4 • 12.0
Description: The alarm is raised when an MC endpoint is operationally down.		
Raising condition: (('Operational State' NOT EQUAL 'Up') AND ('Administrative State' EQUAL 'Up'))		
Clearing condition: (('Operational State' EQUAL 'Up') OR ('Administrative State' NOT EQUAL 'Up'))		
Remedial action: Bring up the all End Point Members.		

Table 21-163 MepAISReceivedAlarm

Alarm	Attributes	Applicable major releases
Name: MepAISReceivedAlarm (2945) Type: oamAlarm (18) Package: ethernetToam Raised on class: ethernetToam.Mep	Severity: variable Implicitly cleared: true Default probable cause: missingRemoteMep (388)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 11.0.R4 • 12.0
Description: The alarm is raised when a MEP receives AIS test frames from one or more of its sub-layer MEPs.		
Raising condition: (('AIS Received (AisRx)' EQUAL 'true') AND ('Facility VLAN ID' EQUAL '0'))		
Clearing condition: ('AIS Received (AisRx)' EQUAL 'false')		
Remedial action: This alarm indicates that it has received a MEP fault from a sub-layer MEP, user should investigate the fault cause on the sub-layer MEP and resolve this root cause issue.		

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Table 21-164 MissingLocalEntry

Alarm	Attributes	Applicable major releases
Name: MissingLocalEntry (291) Type: configurationAlarm (11) Package: l2fwd Raised on class: l2fwd.ServiceMacProtection	Severity: minor Implicitly cleared: true Default probable cause: Protected_Mac_Address_Not_Global (222)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 11.0.R4 • 12.0
Description: The alarm is raised when a protected MAC address is not configured on all sites of a VPLS. This can occur if the protected MAC address is added or removed using a CLI.		
Raising condition: ('isEntryGlobal' EQUAL 'false')		
Clearing condition: ('isEntryGlobal' EQUAL 'true')		
Remedial action: Configure the 'Protected MAC Address' on all the VPLS sites.		

Table 21-165 MldDown

Alarm	Attributes	Applicable major releases
Name: MldDown (587) Type: ProtocolAlarm (1) Package: mld Raised on class: mld.Site	Severity: critical Implicitly cleared: true Default probable cause: protocolDown (1)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 11.0.R4 • 12.0
Description: The alarm is raised when an MLD site has an Operational State other than Up, and the Administrative State is Up.		
Raising condition: (('Administrative State' EQUAL 'Up') AND ('Operational State' NOT EQUAL 'Up'))		
Clearing condition: (('Operational State' EQUAL 'Up') OR ('Administrative State' NOT EQUAL 'Up'))		
Remedial action: Check the base router and system are configured correctly.		

Table 21-166 MobileConnectorDown

Alarm	Attributes	Applicable major releases
Name: MobileConnectorDown (1064) Type: EpcAlarm (59) Package: Iteservice Raised on class: Iteservice.MobileServiceConnector	Severity: minor Implicitly cleared: true Default probable cause: EpcDown (519)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 11.0.R4 • 12.0
Description: The alarm is raised when the 5620 SAM no longer manages the EPS path instance of this mobile service site. As a result, the service must be regenerated.		
Raising condition: ('EPS Path' EQUAL "\")		
Clearing condition: ('EPS Path' NOT EQUAL "\")		
Remedial action: The underlying transport network has gone down resulting in the deletion of a mobile service connector (EPS path). Correct the issue with the transport network and regenerate the mobile service connector by clicking on the re-calculate button on the mobile service properties form.		

Table 21-167 MplsDown

Alarm	Attributes	Applicable major releases
Name: MplsDown (27) Type: ProtocolAlarm (1) Package: mpls Raised on class: mpls.Site	Severity: critical Implicitly cleared: true Default probable cause: protocolDown (1)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 11.0.R4 • 12.0
Description: The alarm is raised when an MPLS site has an Operational State other than Up, and the Administrative State is Up.		
Raising condition: (('Administrative State' EQUAL 'Up') AND ('Operational State' NOT EQUAL 'Up'))		
Clearing condition: (('Operational State' EQUAL 'Up') OR ('Administrative State' NOT EQUAL 'Up'))		
Remedial action: Check operational down reason and update accordingly.		

Table 21-168 MplsPathUpdateFailed

Alarm	Attributes	Applicable major releases
Name: MplsPathUpdateFailed (1066) Type: pathAlarm (12) Package: mpls Raised on class: mpls.LspPath	Severity: major Implicitly cleared: true Default probable cause: mbbRetryExceeded (804) Applicable probable causes: <ul style="list-style-type: none"> • mbbRetryExceeded • lspPathGoingDown • startingHighPriMbb • restartingMbb • highPriMbbInProg 	<ul style="list-style-type: none"> • 10.0 • 11.0 • 11.0.R4 • 12.0
Description: The alarm is raised when an MPLS path update fails because of an MBB problem. The alarm clears when the MBB status changes to Successful.		
Raising condition: (('mbbStatus' NOT EQUAL 'None') AND ('mbbStatus' NOT EQUAL 'Successful'))		
Clearing condition: (('Last Performed State' EQUAL 'Success') OR ('Administrative' EQUAL 'Down') OR (('Operational' EQUAL 'Up') AND ('Last Performed State' EQUAL 'None'))		
Remedial action: Based on the probable cause, change the parameters and update the path again.		

Table 21-169 MrpAttrTblSizeLimitReached

Alarm	Attributes	Applicable major releases
Name: MrpAttrTblSizeLimitReached (574) Type: resourceAlarm (28) Package: I2fwd Raised on class: I2fwd.SiteMrp	Severity: major Implicitly cleared: true Default probable cause: resourceLimitReached (131)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 11.0.R4 • 12.0
Description: The alarm is raised when the number of MRP attribute table entries for a service site exceeds the high watermark specified by I2fwd.SiteMrp.mrpAttrTblHighWatermark. The alarm clears when the number of MRP attribute table entries for the site drops below the low watermark specified by I2fwd.SiteMrp.mrpAttrTblLowWatermark.		

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Alarm	Attributes	Applicable major releases
Raising condition: (('MRP Attribute Count' >=" 'MRP Max Attributes') OR ('MRP Attribute Count' >= (('MRP Attribute-Table-High-Watermark' * 'MRP Max Attributes') / 100.0)))"		
Clearing condition: (('MRP Attribute Count' < 'MRP Max Attributes') AND (('MRP Attribute-Table-High-Watermark' EQUAL '0') OR ('MRP Attribute Count' < (('MRP Attribute-Table-Low-Watermark' * 'MRP Max Attributes') / 100.0))) AND (('MRP Attribute-Table-Low-Watermark' EQUAL '0') OR ('MRP Attribute Count' < (('MRP Attribute-Table-Low-Watermark' * 'MRP Max Attributes') / 100.0))))		
Remedial action: Informational		

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Table 21-170 MsdpDown

Alarm	Attributes	Applicable major releases
Name: MsdpDown (353) Type: ProtocolAlarm (1) Package: msdp Raised on class: msdp.Site	Severity: critical Implicitly cleared: true Default probable cause: protocolDown (1)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 11.0.R4 • 12.0
Description: The alarm is raised when an MSDP site is administratively down. The alarm clears when the site is administratively up.		
Raising condition: (('Administrative State' EQUAL 'Down'))		
Clearing condition: (('Administrative State' NOT EQUAL 'Down'))		
Remedial action: Turn up the MSDP site.		

Table 21-171 MsPwFecRetryExpired

Alarm	Attributes	Applicable major releases
Name: MsPwFecRetryExpired (3694) Type: serviceAlarm (16) Package: svt Raised on class: svt.SpokeSdpFec	Severity: minor Implicitly cleared: true Default probable cause: msPwFecRetryExpired (1433)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 11.0.R4 • 12.0
Description: The alarm is raised when a trap is received because of retry expired. The alarm is cleared when the retry starts again.		
Raising condition: ('Retry Expired' EQUAL 'true')		
Clearing condition: ('Retry Expired' EQUAL 'false')		
Remedial action: May need to shutdown the multi-segment pseudo-wire provider edge to restart the retries.		

Table 21-172 MultiChassisRingDown

Alarm	Attributes	Applicable major releases
Name: MultiChassisRingDown (520) Type: redundancyAlarm (52) Package: multichassis Raised on class: multichassis.MultiChassisRing	Severity: major Implicitly cleared: true Default probable cause: ringDown (395)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 11.0.R4 • 12.0
Description: The alarm is raised when a MC ring group Operational State is not in the Connected state. The alarm is cleared when the ring group enters the Connected state.		
Raising condition: ('Operational State' NOT EQUAL 'Connected')		
Clearing condition: ('Operational State' EQUAL 'Connected')		
Remedial action: Check if MC ring is admin down, MC Sync is operational up, In-Band Control Connection is up, ring node is up ...		

Table 21-173 MvrConfiguredFromVplsNotExist

Alarm	Attributes	Applicable major releases
Name: MvrConfiguredFromVplsNotExist (219) Type: configurationAlarm (11) Package: vpls Raised on classes: <ul style="list-style-type: none"> • vpls.L2AccessInterfaceMldMvrCfg • vpls.L2AccessInterfaceMvrCfg 	Severity: warning Implicitly cleared: true Default probable cause: MvrConfiguredFromVplsNotExist (164)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 11.0.R4 • 12.0
Description: The alarm is raised when an MVR source is an MVR VPLS that does not exist. The alarm clears when the MVR VPLS is created.		
Raising condition: ('fromVplsExists' EQUAL 'false')		
Clearing condition: (('fromVplsExists' EQUAL 'true') OR ('fromVplsId' EQUAL '0L'))		
Remedial action: Create the missing MVR VPLS.		

Table 21-174 MvrConfiguredProxySapNotExist

Alarm	Attributes	Applicable major releases
Name: MvrConfiguredProxySapNotExist (220) Type: configurationAlarm (11) Package: vpls Raised on classes: <ul style="list-style-type: none"> • vpls.L2AccessInterfaceMldMvrCfg • vpls.L2AccessInterfaceMvrCfg 	Severity: warning Implicitly cleared: true Default probable cause: MvrConfiguredProxySapNotExist (165)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 11.0.R4 • 12.0
Description: The alarm is raised when a configured MVR proxy SAP does not exist. The alarm clears when the proxy SAP is created.		
Raising condition: ('proxySapExists' EQUAL 'false')		

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Alarm	Attributes	Applicable major releases
Clearing condition: ('proxySapExists' EQUAL 'true')		
Remedial action: Create the missing proxy SAP.		

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Table 21-175 MvrSiteDown

Alarm	Attributes	Applicable major releases
Name: MvrSiteDown (162) Type: ProtocolAlarm (1) Package: layer2 Raised on class: layer2.MvrSite	Severity: warning Implicitly cleared: true Default probable cause: protocolDown (1)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 11.0.R4 • 12.0
Description: The alarm is raised when MVR is disabled on an NE and a TLS VLAN or MVR VLAN service is provisioned on the NE.		
Raising condition: ('MVR Admin Status' EQUAL 'Disabled')		
Clearing condition: ('MVR Admin Status' EQUAL 'Enabled')		
Remedial action: To clear the alarm, enable MVR Admin Status under the Bridge Instance.		

Table 21-176 NeighborDown

Alarm	Attributes	Applicable major releases
Name: NeighborDown (121) Type: NeighborDown (20) Package: ospf Raised on class: ospf.AbstractNeighbor	Severity: major Implicitly cleared: true Default probable cause: NeighborDown (103)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 11.0.R4 • 12.0
Description: The alarm is raised when an OSPF interface neighbor is operationally Down.		
Raising condition: ('Operational State' NOT EQUAL 'full')		
Clearing condition: ('Operational State' EQUAL 'full')		
Remedial action: This alarm is raised when the OSPF interface neighbor is operationally down. The situation may occur if the underlying physical interface is down either because of administrative disabling or a fault on the far end port or due to a cable connection or cable failure. This alarm will also be raised if the underlying transport network fails or is unreliable. Resolving the underlying instability in the transport network will correct this problem.		

Table 21-177 NeManagementAndTrapManagementMismatch

Alarm	Attributes	Applicable major releases
Name: NeManagementAndTrapManagementMismatch (1079) Type: communicationsAlarm (4) Package: netw Raised on class: netw.NetworkElement	Severity: warning Implicitly cleared: true Default probable cause: neManagementChange (817)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 11.0.R4 • 12.0
Description: This user-defined alarm is raised when the NE configuration is one of the following: - The Active Management IP is set to Out Of Band, and the Primary Route Preference is set to In Band. - The Active Management IP is set to In Band, and the Primary Route Preference is set to Out of Band.		
Raising condition: (((('Active Management IP' EQUAL 'In Band') AND (('Management IP Selection' EQUAL 'In Band Preferred') OR ('Management IP Selection' EQUAL 'In Band Only'))) AND ('Primary Route Preference' EQUAL 'Out Of Band') AND ('Secondary Route Preference' EQUAL 'In Band')) OR (('Active Management IP' EQUAL 'Out Of Band') AND (('Management IP Selection' EQUAL 'Out Of Band Preferred') OR ('Management IP Selection' EQUAL 'Out Of Band Only'))) AND ('Primary Route Preference' EQUAL 'In Band') AND ('Secondary Route Preference' EQUAL 'Out Of Band'))		
Clearing condition: (((('Active Management IP' EQUAL 'In Band') AND (('Management IP Selection' EQUAL 'In Band Preferred') OR ('Management IP Selection' EQUAL 'In Band Only'))) AND ('Primary Route Preference' EQUAL 'In Band')) OR (('Active Management IP' EQUAL 'Out Of Band') AND (('Management IP Selection' EQUAL 'Out Of Band Preferred') OR ('Management IP Selection' EQUAL 'Out Of Band Only'))) AND ('Primary Route Preference' EQUAL 'Out Of Band'))		
Remedial action: A configuration error has been made which must be corrected. The parameters described in the description for this alarm must match.		

Table 21-178 NewSsh2ServerKeyDetected

Alarm	Attributes	Applicable major releases
Name: NewSsh2ServerKeyDetected (285) Type: communicationsAlarm (4) Package: security Raised on class: security.KnownHostKey	Severity: warning Implicitly cleared: true Default probable cause: ssh2ServerKeyMismatch (217)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 11.0.R4 • 12.0
Description: The alarm is raised when a 5620 SAM main server detects a new public SSH key.		
Raising condition: ('SSH2 Server Key Status' EQUAL 'Mismatch SSH2 Host Key')		
Clearing condition: ('SSH2 Server Key Status' EQUAL 'Active SSH2 Host Key')		
Remedial action: Informational - possible security breach. The SSH key of the router is different from the one known to the SAM server.		

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Table 21-179 NodeDatabaseFallbackDetected

Alarm	Attributes	Applicable major releases
Name: NodeDatabaseFallbackDetected (2923) Type: communicationsAlarm (4) Package: netw Raised on class: netw.NetworkElement	Severity: major Implicitly cleared: true Default probable cause: nodeDatabaseFallback (1121)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 11.0.R4 • 12.0
Description: The alarm is raised when a configuration fallback is detected on the node and comes back up with a previous configuration. To correct this situation it might be necessary to reconfigure the node, or perform full resync its database with the 'fallback' configuration returned by the node.		
Raising condition: ('State' EQUAL 'Node Configuration Fallback')		
Clearing condition: ('State' EQUAL 'Managed')		
Remedial action: the NE has come back to a previous configuration. Perform a manual Full Resync or a Reconfigure of the NE		

Table 21-180 NodeDatabaseMisalignmentDetected

Alarm	Attributes	Applicable major releases
Name: NodeDatabaseMisalignmentDetected (2924) Type: communicationsAlarm (4) Package: netw Raised on class: netw.NetworkElement	Severity: major Implicitly cleared: true Default probable cause: nodeDatabaseMisalignment (1122)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 11.0.R4 • 12.0
Description: The alarm is raised when a configuration misalignment has been detected on the node and comes back up with an unexpected configuration (configuration change triggered by external tool) To correct this situation it might be necessary to reconfigure the node with the 5620 SAM's old configuration or accept the new configuration received from the node.		
Raising condition: ('State' EQUAL 'Node Configuration Misalignment')		
Clearing condition: ('State' EQUAL 'Managed')		
Remedial action: the NE configuration is misaligned. Perform a resync in order to update SAM configuration according to the NE.		

Table 21-181 NodeRebooted

Alarm	Attributes	Applicable major releases
Name: NodeRebooted (32) Type: equipmentAlarm (3) Package: netw Raised on class: netw.NetworkElement	Severity: warning Implicitly cleared: false Default probable cause: nodeReboot (25)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 11.0.R4 • 12.0
Description: The alarm is raised when the 5620 SAM detects an NE reboot based on the latest NE sysUpTime value.		
Remedial action: Informational - if the alarm persists please contact Alcatel-Lucent support for assistance		

Table 21-182 NodeSuspended

Alarm	Attributes	Applicable major releases
Name: NodeSuspended (5123) Type: communicationsAlarm (4) Package: netw Raised on class: netw.NetworkElement	Severity: critical Implicitly cleared: true Default probable cause: NodeSuspend (2057)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 11.0.R4 • 12.0
Description: The alarm is raised when the 5620 SAM detects an NE moved to suspend state as per user request.		
Raising condition: ('SNMP Reachability' EQUAL 'Suspended')		
Clearing condition: ('SNMP Reachability' NOT EQUAL 'Suspended')		
Remedial action: This alarm is raised when user suspends the network element. The alarm will be cleared when the network element is managed back.		

Table 21-183 NoPeerMcRingFound

Alarm	Attributes	Applicable major releases
Name: NoPeerMcRingFound (782) Type: configurationAlarm (11) Package: multichassis Raised on class: multichassis.MultiChassisRing	Severity: major Implicitly cleared: true Default probable cause: IncompleteConfig (557)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 11.0.R4 • 12.0
Description: The alarm is raised when the 5620 SAM cannot find the peer MC ring.		
Raising condition: ('Peer Multi-Chassis Ring' EQUAL '\')		
Clearing condition: ('Peer Multi-Chassis Ring' NOT EQUAL '\')		
Remedial action: Configure the missing peered MC ring, or delete this one if it is not used.		

Table 21-184 NTPOperDown

Alarm	Attributes	Applicable major releases
Name: NTPOperDown (4879) Type: communicationsAlarm (4) Package: ntp Raised on class: ntp.NTP	Severity: info Implicitly cleared: true Default probable cause: NTPOperDown (1943)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 11.0.R4 • 12.0
Description: The alarm is generated when the NTP Operational State is down for NTP.		
Raising condition: (('Operational State' EQUAL 'Down') AND ('NTP State' EQUAL 'Enabled'))		
Clearing condition: (('Operational State' EQUAL 'Up') OR ('NTP State' EQUAL 'Disabled'))		
Remedial action: Please check if NTP is administratively enabled (Admin State in NTP General Tab). If admin state down, enable it to make NTP operationally up.		

Table 21-185 OFFlowEntryDeploymentCreateFailed

Alarm	Attributes	Applicable major releases
Name: OFFlowEntryDeploymentCreateFailed (5405) Type: processingErrorAlarm (81) Package: openflow Raised on class: openflow.OFAbstractFlowEntry	Severity: major Implicitly cleared: true Default probable cause: OFFlowEntryDeploymentCreateFailed (2113)	<ul style="list-style-type: none"> 12.0
Description: The notification alarm is raised when the flow entry deployment create has failed.		
Raising condition: (('Deployment Status' EQUAL 'Creation Failed'))		
Clearing condition: (('Deployment Status' NOT EQUAL 'Creation Failed'))		
Remedial action: This alarm is raised when the OpenFlow switch rejects creation of the flow.		

Table 21-186 OFFlowEntryDeploymentDeleteFailed

Alarm	Attributes	Applicable major releases
Name: OFFlowEntryDeploymentDeleteFailed (5406) Type: processingErrorAlarm (81) Package: openflow Raised on class: openflow.OFAbstractFlowEntry	Severity: major Implicitly cleared: true Default probable cause: OFFlowEntryDeploymentDeleteFailed (2114)	<ul style="list-style-type: none"> 12.0
Description: The notification alarm is raised when the flow entry deployment create has failed.		
Raising condition: (('Deployment Status' EQUAL 'Deletion Failed'))		
Clearing condition: (('Deployment Status' NOT EQUAL 'Deletion Failed'))		
Remedial action: This alarm is raised when the OpenFlow switch rejects deletion of the flow.		

Table 21-187 OFLogicalPortStatusMplsTpNotSet

Alarm	Attributes	Applicable major releases
Name: OFLogicalPortStatusMplsTpNotSet (5407) Type: equipmentAlarm (3) Package: openflow Raised on class: openflow.OFSwitch	Severity: major Implicitly cleared: true Default probable cause: OFLogicalPortStatusMplsTpNotSet (2115)	<ul style="list-style-type: none"> 12.0
Description: The alarm is raised when the MPLS-TP flag is not set in the Logical Port Status.		
Raising condition: (('Logical Port Status' EQUAL '0L') OR ('Logical Port Status' EQUAL 'rsvp-te'))		
Clearing condition: (('Logical Port Status' NOT EQUAL '0L') AND ('Logical Port Status' NOT EQUAL 'rsvp-te'))		
Remedial action: When MPLS-TP is not set, OpenFlow port status will not be received by SAM.		

Table 21-188 OFLogicalPortStatusRsvpTeNotSet

Alarm	Attributes	Applicable major releases
Name: OFLogicalPortStatusRsvpTeNotSet (5408) Type: equipmentAlarm (3) Package: openflow Raised on class: openflow.OFSwitch	Severity: major Implicitly cleared: true Default probable cause: OFLogicalPortStatusRsvpTeNotSet (2116)	<ul style="list-style-type: none"> 12.0
Description: The alarm is raised when the RSVP-TE flag is not set in the Logical Port Status.		
Raising condition: (('Logical Port Status' EQUAL '0L') OR ('Logical Port Status' EQUAL 'mpls-tp'))		
Clearing condition: (('Logical Port Status' NOT EQUAL '0L') AND ('Logical Port Status' NOT EQUAL 'mpls-tp'))		
Remedial action: When RSVP-TE is not set, OpenFlow port status will not be received by SAM.		

Table 21-189 OFSwitchDown

Alarm	Attributes	Applicable major releases
Name: OFSwitchDown (5409) Type: equipmentAlarm (3) Package: openflow Raised on class: openflow.OFSwitch	Severity: major Implicitly cleared: true Default probable cause: OFSwitchDown (2117)	<ul style="list-style-type: none"> 12.0
Description: The alarm is raised when the Operational State of an OFSwitch is Down and the Administrative State is Up.		
Raising condition: (('Operational State' NOT EQUAL 'Up') AND ('Administrative State' EQUAL 'Up'))		
Clearing condition: (('Operational State' EQUAL 'Up') OR ('Administrative State' NOT EQUAL 'Up'))		
Remedial action: This alarm is raised when the OpenFlow switch has gone down.		

Table 21-190 OrphanNodeDetected

Alarm	Attributes	Applicable major releases
Name: OrphanNodeDetected (4866) Type: discoveryControlAlarm (33) Package: netw Raised on class: netw.AdvertisedNode	Severity: major Implicitly cleared: true Default probable cause: nodeNotMangedByAnyEms (1934)	<ul style="list-style-type: none"> 10.0 11.0 11.0.R4 12.0
Description: The alarm is raised when node is node managed by any EMS after n retries(threshold crossed) it is manually cleared by the operator or when the node is discovered.		
Raising condition: ('State' EQUAL 'Orphan')		
Remedial action: The NE is not managed by any SAM.Add an discovery rule in order to managed it.		

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Table 21-191 OspflInterfaceDown

Alarm	Attributes	Applicable major releases
Name: OspflInterfaceDown (141) Type: OspflInterfaceDown (24) Package: ospf Raised on class: ospf.Interface	Severity: warning Implicitly cleared: true Default probable cause: OspflInterfaceDown (112)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 11.0.R4 • 12.0
Description: The alarm is raised when an OSPF interface is operationally down.		
Raising condition: ('operationalState' EQUAL 'Down')		
Clearing condition: ('operationalState' NOT EQUAL 'Down')		
Remedial action: This alarm is raised when the OSPF interface is operationally down. The situation may occur if the underlying physical interface is down either because of administrative disabling or a fault on the far end port or due to a cable connection or cable failure. This alarm will also be raised if the underlying transport network fails or is unreliable. Resolving the underlying instability in the transport network will correct this problem.		

Table 21-192 OverTemperatureDetected

Alarm	Attributes	Applicable major releases
Name: OverTemperatureDetected (388) Type: environmentalAlarm (2) Package: equipment Raised on class: equipment.Shelf	Severity: major Implicitly cleared: true Default probable cause: equipmentOverheated (5)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 11.0.R4 • 12.0
Description: The alarm is raised when the chassis temperature exceeds the maximum threshold value.		
Raising condition: ('Over Temperature State' EQUAL 'Over')		
Clearing condition: ('Over Temperature State' NOT EQUAL 'Over')		
Remedial action: The NE has detected internal temperatures which are abnormally high. This could be caused by a failed fan unit or one or more dirty fan filters. Replacing the failed unit or filters should resolve the problem. Alternately the environment that the NE is operating in may not be within specifications found in the NE user guides.		

Table 21-193 P2MPLSPDown

Alarm	Attributes	Applicable major releases
Name: P2MPLSPDown (4378) Type: pathAlarm (12) Package: mpls Raised on class: mpls.P2MPDynamicLsp	Severity: critical Implicitly cleared: true Default probable cause: P2MPLSPDown (1563)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 11.0.R4 • 12.0
Description: The alarm is raised when the P2MP LSP Administrative State is Up and the Operational State is Down. The alarm clears when the P2MP LSP Operational State changes to Up or the Administrative State changes to Down.		
Raising condition: (('Administrative' EQUAL 'Up') AND ('Operational' NOT EQUAL 'Up'))		
Clearing condition: (('Operational' EQUAL 'Up') OR ('Administrative' NOT EQUAL 'Up'))		

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Alarm	Attributes	Applicable major releases
<p>Remedial action: The operational state of the P2MP LSP is down, despite the administrative state being up. Review the P2MP Primary Instance or S2LPath to make sure it was configured correctly and Administrative state is up. The physical port near end or far end may have failed - this can be remedied by replacing the interface card in question. The physical links may have been turned down administratively - re-enable the links. A cable failure or disconnect may have occurred - please ensure that the cables are properly connected to the physical port and and that the cable has not been damaged.</p>		

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Table 21-194 PartialResyncProblem

Alarm	Attributes	Applicable major releases
Name: PartialResyncProblem (4401) Type: communicationsAlarm (4) Package: netw Raised on class: netw.NetworkElement	Severity: warning Implicitly cleared: true Default probable cause: partialResyncProblem (1578)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 11.0.R4 • 12.0
<p>Description: The alarm is raised when a partial resync on an NE fails. For example, when resyncing only some MIB entries as opposed to a full resync. The periodic reachability test (sysUpTime) is not considered a partial resync, neither is a full resync. However, a PartialResyncProblem alarm can only be reset by a FullResync.</p>		
<p>Raising condition: ('partialResyncStatus' EQUAL 'Partial Resync Failed')</p>		
<p>Clearing condition: ('partialResyncStatus' EQUAL 'Partial Resync Done')</p>		
<p>Remedial action: Informational - if the alarm persists or is occurring frequently then investigation is required to understand a) why the underlying transport network is unreliable or b) why the NE is too busy to respond to 5620 SAM or c) has SNMP been disabled on the NE.</p>		

Table 21-195 PeerConnectionDown (bgp)

Alarm	Attributes	Applicable major releases
Name: PeerConnectionDown (2) Type: ProtocolAlarm (1) Package: bgp Raised on class: bgp.Peer	Severity: critical Implicitly cleared: true Default probable cause: connectionDown (2)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 11.0.R4 • 12.0
<p>Description: The alarm is raised when a BGP peer has a Connection State other than Established, and the Administrative State of the BGP peer is Up.</p>		
<p>Raising condition: (('Connection State' NOT EQUAL 'Established') AND ('Administrative State' EQUAL 'Up'))</p>		
<p>Clearing condition: (('Connection State' EQUAL 'Established') OR ('Administrative State' NOT EQUAL 'Up'))</p>		
<p>Remedial action: A mismatch in configuration may have occurred. Check the configuration of both peers to rule out a mismatched configuration.</p>		

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Table 21-196 PeerConnectionDown (msdp)

Alarm	Attributes	Applicable major releases
Name: PeerConnectionDown (2) Type: ProtocolAlarm (1) Package: msdp Raised on class: msdp.CommonPeer	Severity: critical Implicitly cleared: true Default probable cause: connectionDown (2)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 11.0.R4 • 12.0
Description: The alarm is raised when the connectionState of this peer changes from Established to a state other than Established. The alarm clears when the connectionState of this peer returns to the Established state.		
Raising condition: (('connectionState' NOT EQUAL 'Established') AND ('administrativeState' EQUAL 'Up'))		
Clearing condition: (('connectionState' EQUAL 'Established') OR ('administrativeState' NOT EQUAL 'Up'))		
Remedial action: Check the configurations of the peer routers.		

Table 21-197 PeerDown (bgp)

Alarm	Attributes	Applicable major releases
Name: PeerDown (1) Type: ProtocolAlarm (1) Package: bgp Raised on class: bgp.Peer	Severity: critical Implicitly cleared: true Default probable cause: protocolDown (1)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 11.0.R4 • 12.0
Description: The alarm is raised when a BGP peer has an Operational State other than Up, and the Administrative State is Up.		
Raising condition: (('Administrative State' EQUAL 'Up') AND ('Operational State' NOT EQUAL 'Up'))		
Clearing condition: (('Operational State' EQUAL 'Up') OR ('Administrative State' NOT EQUAL 'Up'))		
Remedial action: The BGP peer entity is down - administratively disable the BGP peer and re-enable it. If toggling the administrative state does not solve the problem check that the physical interface and network connection to the far end peer are up and operational. If the problem persists please contact Alcatel-Lucent support for assistance.		

Table 21-198 PeerDown (msdp)

Alarm	Attributes	Applicable major releases
Name: PeerDown (1) Type: ProtocolAlarm (1) Package: msdp Raised on class: msdp.CommonPeer	Severity: critical Implicitly cleared: true Default probable cause: protocolDown (1)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 11.0.R4 • 12.0
Description: The alarm is raised when the Administrative State of a peer changes from Up to Down. The alarm clears when the Administrative State returns to Up.		
Raising condition: (('administrativeState' EQUAL 'Down'))		
Clearing condition: (('administrativeState' NOT EQUAL 'Down'))		
Remedial action: Turn up the Peer.		

Table 21-199 PeerGroupDown (bgp)

Alarm	Attributes	Applicable major releases
Name: PeerGroupDown (5) Type: ProtocolAlarm (1) Package: bgp Raised on class: bgp.PeerGroup	Severity: critical Implicitly cleared: true Default probable cause: protocolDown (1)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 11.0.R4 • 12.0
Description: The alarm is raised when a BGP peer group has an Operational State other than Up, and the Administrative State is Up.		
Raising condition: (('Administrative State' EQUAL 'Up') AND ('Operational State' NOT EQUAL 'Up'))		
Clearing condition: (('Operational State' EQUAL 'Up') OR ('Administrative State' NOT EQUAL 'Up'))		
Remedial action: The BGP peer group is down - administratively disable the BGP peer group and re-enable it. If the problem persists please contact Alcatel-Lucent support for assistance.		

Table 21-200 PeerGroupDown (msdp)

Alarm	Attributes	Applicable major releases
Name: PeerGroupDown (5) Type: ProtocolAlarm (1) Package: msdp Raised on class: msdp.PeerGroup	Severity: critical Implicitly cleared: true Default probable cause: protocolDown (1)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 11.0.R4 • 12.0
Description: The alarm is raised when the Administrative State of a peer group changes from Up to Down. The alarm clears when the Administrative State returns to Up.		
Raising condition: (('Administrative State' EQUAL 'Down'))		
Clearing condition: (('Administrative State' NOT EQUAL 'Down'))		
Remedial action: Turn up the Group.		

Table 21-201 PeerLacIngressEgressFault

Alarm	Attributes	Applicable major releases
Name: PeerLacIngressEgressFault (2929) Type: PeerLacAlarm (98) Package: svt Raised on class: svt.SpokeSdpBinding	Severity: minor Implicitly cleared: true Default probable cause: peerPWStatusBitsChanged (1123)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 11.0.R4 • 12.0
Description: The alarm is raised when the Peer Status is Peer LAC Rx Fault and Peer LAC Tx Fault		
Raising condition: (('Peer State Cause'anyBit'Peer LAC Tx Fault') AND ('Peer State Cause'anyBit'Peer LAC Rx Fault'))		
Clearing condition: NOT (((('Peer State Cause'anyBit'Peer LAC Tx Fault') AND ('Peer State Cause'anyBit'Peer LAC Rx Fault'))		
Remedial action: One of the following conditions exists on the referenced physical interface which must be corrected. A cable/fiber fault exists which must be corrected - check to ensure that the cable is not faulty and is properly connected. The port is faulty - run diagnostics on the port to determine the nature of the fault. If the problem cannot be resolved swap the card containing the port with a card which is known be functional.		

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Table 21-202 PersistentIndexParametersMisconfigured

Alarm	Attributes	Applicable major releases
Name: PersistentIndexParametersMisconfigured (173) Type: configurationAlarm (11) Package: netw Raised on class: netw.NetworkElement	Severity: major Implicitly cleared: true Default probable cause: persistentIndexConfigurationMismatch (136)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 11.0.R4 • 12.0
Description: The alarm is raised when persistence is set to Off in the NE BOF.		
Raising condition: (('Persistent SNMP Indices' EQUAL 'False') OR (('hasRedundantProcessorCards' EQUAL 'true') AND ('Redundant Synchronization Mode' EQUAL 'None')))		
Clearing condition: (('Persistent SNMP Indices' EQUAL 'True') AND (('hasRedundantProcessorCards' EQUAL 'false') OR ('Redundant Synchronization Mode' NOT EQUAL 'None')))		
Remedial action: A configuration error has occurred that must be corrected. Use the CLI on the NE to enable persistency in the BOF. The discovery process will complete on the next discovery scan. A re-scan can be triggered immediately for the NE from within the discovery manager		

Table 21-203 PimDown

Alarm	Attributes	Applicable major releases
Name: PimDown (184) Type: ProtocolAlarm (1) Package: pim Raised on class: pim.Site	Severity: critical Implicitly cleared: true Default probable cause: protocolDown (1)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 11.0.R4 • 12.0
Description: The alarm is raised when a PIM site is administratively Up but operationally Down. The alarm is cleared when the PIM site becomes operationally Up but administratively Down.		
Raising condition: (('Administrative State' EQUAL 'Up') AND ('Operational State' NOT EQUAL 'Up'))		
Clearing condition: (('Operational State' EQUAL 'Up') OR ('Administrative State' NOT EQUAL 'Up'))		
Remedial action: This should never happen. Contact Alcatel-Lucent Customer Support for assistance.		

Table 21-204 PollerProblem

Alarm	Attributes	Applicable major releases
Name: PollerProblem (31) Type: communicationsAlarm (4) Package: netw Raised on class: netw.NetworkElement	Severity: warning Implicitly cleared: true Default probable cause: resyncFailed (24)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 11.0.R4 • 12.0
Description: The alarm is raised when the 5620 SAM is unable to poll a network object, for example, because of intermittent or no IP connectivity to an NE, incorrect SNMP security parameters, or disabled SNMP on the NE.		
Raising condition: ('Resync Status' EQUAL 'Full Resync Failed')		

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Alarm	Attributes	Applicable major releases
Clearing condition: ('Resync Status' EQUAL 'Full Resync Done')		
Remedial action: Informational - if the alarm persists or is occurring frequently then investigation is required to understand a) why the underlying transport network is unreliable or b) why the NE is too busy to respond to 5620 SAM or c) has SNMP been disabled on the NE. Once the issue has been resolved SAM will automatically re-attempt.		

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Table 21-205 PortEtherSymMonSDAlarm

Alarm	Attributes	Applicable major releases
Name: PortEtherSymMonSDAlarm (5662) Type: communicationsAlarm (4) Package: ethernetequipment Raised on class: ethernetequipment.EthernetPortSpecifics	Severity: major Implicitly cleared: true Default probable cause: etherPortSymMonSDThresholdExceededAlarm (2439)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 11.0.R4 • 12.0
Description: The alarm is raised when an Ethernet port Symbol Monitor Failure alarm condition is detected (Signal Degradation Threshold exceeded).		
Raising condition: ('Symbol Alarm Reason' EQUAL 'SD Threshold Exceeded')		
Clearing condition: ('Symbol Alarm Reason' NOT EQUAL 'SD Threshold Exceeded')		
Remedial action: Symbol monitor signal degradation alarm could be cleared by changing/disabling the associated threshold/multiplier values or it is self clearing and will clear once the error rate drops below 1/10th of the configured rate.		

Table 21-206 PortEtherSymMonSFAlarm

Alarm	Attributes	Applicable major releases
Name: PortEtherSymMonSFAlarm (5663) Type: communicationsAlarm (4) Package: ethernetequipment Raised on class: ethernetequipment.EthernetPortSpecifics	Severity: major Implicitly cleared: true Default probable cause: etherPortSymMonSFThresholdExceededAlarm (2440)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 11.0.R4 • 12.0
Description: The alarm is raised when an Ethernet port Symbol Monitor Failure alarm condition is detected (Signal Failure Threshold exceeded).		
Raising condition: ('Symbol Alarm Reason' EQUAL 'SF Threshold Exceeded')		
Clearing condition: ('Symbol Alarm Reason' NOT EQUAL 'SF Threshold Exceeded')		
Remedial action: Symbol monitor signal failure alarm could be cleared by changing/disabling the associated threshold/multiplier values or by taking the port out of service (eg. shutdown, card/mda reset, physical link loss).		

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Table 21-207 PowerCapacityExceeded

Alarm	Attributes	Applicable major releases
Name: PowerCapacityExceeded (5146) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.PowerManagementZone	Severity: major Implicitly cleared: true Default probable cause: powerCapacityExceeded (2068)	<ul style="list-style-type: none"> 11.0.R4
Description: The PowerCapacityExceeded alarm is generated when a device needs power to boot, but there is not enough power capacity to support the device.		
Remedial action: To recover from this event, the customer is requested to add a new power supply to the system, or change a faulty power supply with a working one.		

Table 21-208 PowerLostCapacity

Alarm	Attributes	Applicable major releases
Name: PowerLostCapacity (5147) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.PowerManagementZone	Severity: major Implicitly cleared: true Default probable cause: powerLostCapacity (2069)	<ul style="list-style-type: none"> 11.0.R4
Description: The PowerLostCapacity alarm is generated when a power supply fails or is removed which puts the system in an overloaded situation.		
Remedial action: To recover from this event, the customer is requested to add a new power supply to the system, or change a faulty power supply with a working one.		

Table 21-209 PowerOverloadState

Alarm	Attributes	Applicable major releases
Name: PowerOverloadState (5148) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.PowerManagementZone	Severity: critical Implicitly cleared: true Default probable cause: powerOverloadState (2070)	<ul style="list-style-type: none"> 11.0.R4
Description: The PowerOverloadState alarm is generated when the overloaded power capacity can not support the power requirements and there are no further devices that can be powered off.		
Remedial action: To recover from this state, the customer is requested to add power capacity, or to manually shutdown devices until the power capacity meets the power needs.		

Table 21-210 PowerSafetyAlertThreshold

Alarm	Attributes	Applicable major releases
Name: PowerSafetyAlertThreshold (5149) Type: thresholdCrossed (6) Package: equipment Raised on class: equipment.PowerManagementZone	Severity: warning Implicitly cleared: true Default probable cause: powerSafetyAlertThresholdCrossed (2071)	<ul style="list-style-type: none"> 11.0.R4
Description: The PowerSafetyAlertThreshold notification is generated when the system power capacity drops below the configured safety alert threshold.		
Remedial action: Decrease the safety alert threshold or reduce the power utilization below safety alert threshold.		

Table 21-211 PowerSafetyLevelThreshold

Alarm	Attributes	Applicable major releases
Name: PowerSafetyLevelThreshold (5150) Type: thresholdCrossed (6) Package: equipment Raised on class: equipment.PowerManagementZone	Severity: warning Implicitly cleared: true Default probable cause: powerSafetyLevelThresholdCrossed (2072)	<ul style="list-style-type: none"> 11.0.R4
Description: The PowerSafetyLevelThreshold notification is generated when the peak nodal power consumption exceeds the configured safety level threshold.		
Remedial action: Increase the safety level threshold or reduce the power utilization below safety level threshold.		

Table 21-212 PowerSupplyFailure

Alarm	Attributes	Applicable major releases
Name: PowerSupplyFailure (633) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.PowerSupplyTray	Severity: critical Implicitly cleared: true Default probable cause: powerSupplyFailure (117)	<ul style="list-style-type: none"> 10.0 11.0 11.0.R4 12.0
Description: The alarm is raised when a power-supply tray reports a failure. When the alarm is raised during device discovery, a power-supply tray may be out of service. When the alarm is raised while the device is in the managed state, a power-supply tray may be out of service or the AC power shelf has a fault condition. The alarm clears when the status changes to OK.		
Raising condition: (('Power Supply 1 Status' EQUAL 'Not Equipped') OR ('Power Supply 1 Status' EQUAL 'Failed'))		
Clearing condition: (('Power Supply 1 Status' EQUAL 'OK'))		
Remedial action: Ensure that the NE is properly connected to power. If the problem persists please contact Alcatel-Lucent support for assistance.		

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Table 21-213 PowerSupplyInputFeedDown

Alarm	Attributes	Applicable major releases
Name: PowerSupplyInputFeedDown (5422) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.PowerSupplyTray	Severity: minor Implicitly cleared: true Default probable cause: powerSupplyInputFeedDown (2073)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 11.0.R4 • 12.0
Description: This alarm is generated if any one of the input feeds for a given power supply is not supplying power.		
Raising condition: (('inputFeedStatus' EQUAL 'Input A Down') OR ('inputFeedStatus' EQUAL 'Input B Down') OR (('inputFeedStatus'allBits'Input A Down') AND ('inputFeedStatus'allBits'Input B Down'))		
Clearing condition: ('inputFeedStatus' EQUAL 'None')		
Remedial action: Restore all of the input feeds that are not supplying power.		

Table 21-214 PowerSupplyInputFeedDownAlarm

Alarm	Attributes	Applicable major releases
Name: PowerSupplyInputFeedDownAlarm (5154) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.PowerSupply	Severity: minor Implicitly cleared: true Default probable cause: powerSupplyInputFeedDown (2073)	<ul style="list-style-type: none"> • 11.0.R4 • 12.0
Description: This alarm is generated if any one of the input feeds for a given power supply is not supplying power.		
Raising condition: (('Input Feed Status' EQUAL 'Input A Down') OR ('Input Feed Status' EQUAL 'Input B Down') OR (('Input Feed Status'allBits'Input A Down') AND ('Input Feed Status'allBits'Input B Down'))		
Clearing condition: ('Input Feed Status' EQUAL 'None')		
Remedial action: Restore all of the input feeds that are not supplying power		

Table 21-215 PowerSupplyRemoved

Alarm	Attributes	Applicable major releases
Name: PowerSupplyRemoved (542) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.PowerSupplyTray	Severity: major Implicitly cleared: true Default probable cause: PowerSupplyRemoved (415)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 11.0.R4 • 12.0
Description: The alarm is raised when a chassis power supply is removed.		
Raising condition: ('Power Supply 1 Status' EQUAL 'Not Equipped')		
Clearing condition: ('Power Supply 1 Status' NOT EQUAL 'Not Equipped')		
Remedial action: To recover from this event, the customer is requested to add a new power supply to the system, or change a faulty power supply with a working one.		

Table 21-216 PrimaryImageBootFailure

Alarm	Attributes	Applicable major releases
Name: PrimaryImageBootFailure (191) Type: configurationAlarm (11) Package: sw Raised on class: sw.CardSoftware	Severity: warning Implicitly cleared: true Default probable cause: bootOptionFileMisconfigured (150)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 11.0.R4 • 12.0
Description: The alarm is raised when the primary software image specified in an NE BOF is unusable.		
Raising condition: (('imageSource' NOT EQUAL 'Primary') AND ('imageSource' NOT EQUAL 'Unknown'))		
Clearing condition: (('imageSource' EQUAL 'Primary') OR ('imageSource' EQUAL 'Unknown'))		
Remedial action: The SW image on the NE may have been inadvertently corrupted. Download a new copy of the SW image to the NE. If the problem persists contact Alcatel-Lucent support for assistance.		

Table 21-217 PrimaryPathLimitReached

Alarm	Attributes	Applicable major releases
Name: PrimaryPathLimitReached (457) Type: resourceAlarm (28) Package: equipment Raised on class: equipment.DaughterCard	Severity: warning Implicitly cleared: true Default probable cause: resourceLimitReached (131)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 11.0.R4 • 12.0
Description: The alarm is raised when the Ingress Multicast Path Management primary path bandwidth limit is reached.		
Raising condition: (('Primary Path Limit Override' > '0') AND ('Primary Path In use' >= (1000 * 'Primary Path Limit Override'))"		
Clearing condition: (('Primary Path Limit Override' > '0') AND ('Primary Path In use' < (1000 * 'Primary Path Limit Override'))"		
Remedial action: Informational - The alarm is raised when the Ingress Multicast Path Management primary path bandwidth limit is reached. This can be remedied by modifying the primary path limit located at T1 Paths tab of the multicast bandwidth policy which assigned to the card, or increase the primary path limit override located at the Daughter Card tab under Daughter Card Slot form.		

Table 21-218 ProvPowerCapacity

Alarm	Attributes	Applicable major releases
Name: ProvPowerCapacity (5182) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.PowerManagementZone	Severity: major Implicitly cleared: true Default probable cause: provPowerCapacity (2098)	<ul style="list-style-type: none"> • 11.0.R4 • 12.0
Description: The ProvisionedPowerCapacity alarm is generated if a power zone's provisioned power capacity can no longer support configured devices.		
Remedial action: The system can no longer support configured devices. Power capacity is not sufficient enough to operate all the configured devices. Add more PEQs or delete some devices		

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Table 21-219 PTPNotQualified

Alarm	Attributes	Applicable major releases
Name: PTPNotQualified (3611) Type: communicationsAlarm (4) Package: sonet Raised on class: sonet.SiteSync	Severity: minor Implicitly cleared: true Default probable cause: PTPNotQualified (1400)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 11.0.R4 • 12.0
Description: The alarm is raised when PTP on an NE is not in the Qualified state.		
Raising condition: (('Qualified For Use' EQUAL 'Not Qualified'))		
Clearing condition: (('Qualified For Use' NOT EQUAL 'Not Qualified'))		
Remedial action: Check the communication path is up between the local PTP slave clock and its selected master		

Table 21-220 PTPReferenceLossOfSignal

Alarm	Attributes	Applicable major releases
Name: PTPReferenceLossOfSignal (3613) Type: communicationsAlarm (4) Package: sonet Raised on class: sonet.SiteSync	Severity: minor Implicitly cleared: true Default probable cause: PTPReferenceLossOfSignal (1402)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 11.0.R4 • 12.0
Description: The alarm is raised when the PTP reference on an NE is not qualified due to Loss of Signal.		
Raising condition: (('Not Qualified Due To'anyBit'LOS'))		
Clearing condition: NOT (('Not Qualified Due To'anyBit'LOS'))		
Remedial action: Check the communication path is up between the local PTP slave clock and its selected master		

Table 21-221 PTPReferenceOutOfFrequency

Alarm	Attributes	Applicable major releases
Name: PTPReferenceOutOfFrequency (3614) Type: communicationsAlarm (4) Package: sonet Raised on class: sonet.SiteSync	Severity: minor Implicitly cleared: true Default probable cause: PTPReferenceOutOfFrequency (1403)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 11.0.R4 • 12.0
Description: The alarm is raised when the PTP Reference on an NE is not qualified due to Out of frequency.		
Raising condition: (('Not Qualified Due To'anyBit'OOF'))		
Clearing condition: NOT (('Not Qualified Due To'anyBit'OOF'))		
Remedial action: Make sure that frequency configured for Reference One is correct.		

Table 21-222 PTPReferenceOutOfPollInRange

Alarm	Attributes	Applicable major releases
Name: PTPReferenceOutOfPollInRange (3615) Type: communicationsAlarm (4) Package: sonet Raised on class: sonet.SiteSync	Severity: minor Implicitly cleared: true Default probable cause: PTPReferenceOutOfPollInRange (1404)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 11.0.R4 • 12.0
Description: The alarm is raised when the PTP Reference on an NE is not qualified state due to Out of poll in range.		
Raising condition: (('Not Qualified Due To'anyBit'OOPIR'))		
Clearing condition: NOT (('Not Qualified Due To'anyBit'OOPIR'))		
Remedial action: If there is packet flow, the PTP slave clock is in it's initial acquiring states where the sync-if-timing reference does not qualify just wait.		

Table 21-223 RadiusOperStatusDown

Alarm	Attributes	Applicable major releases
Name: RadiusOperStatusDown (3692) Type: radiusOperStatusDownAlarm (105) Package: netw Raised on class: netw.NetworkElement	Severity: critical Implicitly cleared: true Default probable cause: radiusOperationStatusDown (1431)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 11.0.R4 • 12.0
Description: The alarm is raised when all RADIUS servers have gone down.		
Raising condition: ('Global RADIUS Operational State' EQUAL 'Down')		
Clearing condition: ('Global RADIUS Operational State' EQUAL 'Up')		
Remedial action: Verify the RADIUS server is properly configured and radius server state is up. Check the connectivity between SAM server and radius server configured on the Network element.		

Table 21-224 ReachabilityProblem

Alarm	Attributes	Applicable major releases
Name: ReachabilityProblem (243) Type: communicationsAlarm (4) Package: netw Raised on class: netw.NetworkElement	Severity: major Implicitly cleared: true Default probable cause: ReachabilityTestFailed (176)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 11.0.R4 • 12.0
Description: The alarm is raised when a mediation poll of the SysUpTimeAlarm object on an NE fails, for example, because of network congestion or because the NE is too busy to respond. The probable cause is an unreachable NE Mediation agent on the NE. The polling interval depends on the NE type and is configurable in nms-server.xml. By default, the 5620 SAM polls a managed NE every four minutes. If a poll fails, the alarm is raised. The alarm clears when the 5620 SAM receives a response from the NE, and the 5620 SAM GUI icon that represents the NE turns from red to green.		
Raising condition: ('SNMP Reachability' EQUAL 'Down')		

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Alarm	Attributes	Applicable major releases
Remedial action: Informational - if the alarm persists or is occurring frequently then investigation is required to understand a) why the underlying transport network is unreliable or b) why the NE is too busy to respond to 5620 SAM or c) has SNMP been disabled on the NE. Once the issue has been resolved SAM will automatically re-attempt.		

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Table 21-225 ReconfigFailure

Alarm	Attributes	Applicable major releases
Name: ReconfigFailure (1949) Type: communicationsAlarm (4) Package: netw Raised on class: netw.NetworkElement	Severity: critical Implicitly cleared: true Default probable cause: failedReconfig (937)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 11.0.R4 • 12.0
Description: This alarm is raised when the reconfig action failed.		
Raising condition: ('State' EQUAL 'Failed')		
Clearing condition: ('State' NOT EQUAL 'Failed')		
Remedial action: Verify that the object is configured as expected.		

Table 21-226 RedundantMepMisconfiguration

Alarm	Attributes	Applicable major releases
Name: RedundantMepMisconfiguration (3631) Type: oamAlarm (18) Package: ethernetToam Raised on class: ethernetToam.Mep	Severity: minor Implicitly cleared: true Default probable cause: misconfiguredRedundantMep (1416)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 11.0.R4 • 12.0
Description: The alarm is raised when an Active and Redundant MEP do not have the same ID, Operational MAC Address or Sub Group configured.		
Raising condition: ('validRedundantMepConfig' EQUAL 'false')		
Clearing condition: ('validRedundantMepConfig' EQUAL 'true')		
Remedial action: MC-LAG redundant MEP configuration (MEP ID or Mac Address) for Active & Standby Interfaces do not match, this could cause issues with CFM or CCM tests if Active interface changes. Delete and Re-create Standby MEP to match Active.		

Table 21-227 RedundantMepMissing

Alarm	Attributes	Applicable major releases
Name: RedundantMepMissing (3632) Type: oamAlarm (18) Package: ethernetToam Raised on class: ethernetToam.Mep	Severity: minor Implicitly cleared: true Default probable cause: missingRedundantMep (1417)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 11.0.R4 • 12.0
Description: The alarm is raised when a MEP misses a redundant counterpart on LAG or SAP.		
Raising condition: (('MC-LAG Inactive' NOT EQUAL 'Not Applicable') AND ('Redundant MEP' EQUAL '\'))		
Clearing condition: (('MC-LAG Inactive' EQUAL 'Not Applicable') OR (('MC-LAG Inactive' NOT EQUAL 'Not Applicable') AND ('Redundant MEP' NOT EQUAL '\')))		
Remedial action: MC-LAG redundant MEP is missing Active & Standby Interfaces, this will cause issues with CFM or CCM tests if Active interface changes. Create missing Active/Standby MEP to match existing.		

Table 21-228 RemoteMepCCMAAlarm

Alarm	Attributes	Applicable major releases
Name: RemoteMepCCMAAlarm (502) Type: oamAlarm (18) Package: ethernetToam Raised on class: ethernetToam.Mep	Severity: major Implicitly cleared: true Default probable cause: missingRemoteMep (388)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 11.0.R4 • 12.0
Description: The alarm is raised when a MEP loses connectivity with one or more remote MEPs. The Remote MEP DB State tab on a MEP lists the missing remote MEPs.		
Raising condition: ('High-Priority Defect' NOT EQUAL '0')		
Clearing condition: ('High-Priority Defect' EQUAL '0')		
Remedial action: MEP has lost communication with Remote MEP defined in Maintenance Association (MEG) Remote MEP list, Either Remote MEP list is incorrect or diagnose connection fault and resolve.		

Table 21-229 RemoteRncvOperDown

Alarm	Attributes	Applicable major releases
Name: RemoteRncvOperDown (522) Type: redundancyAlarm (52) Package: multichassis Raised on class: multichassis.MultiChassisRingNode	Severity: major Implicitly cleared: true Default probable cause: remoteRncvDisconnected (397)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 11.0.R4 • 12.0
Description: The alarm is raised when the remote RNCV Operational State of a ring node is other than Connected or NotTested, which means that the ring node is not connected to the local MC ring group. The alarm clears when the ring node enters the Connected or NotTested state.		
Raising condition: (('Remote Operational State' NOT EQUAL 'Connected') AND ('Remote Operational State' NOT EQUAL 'Not Tested'))		
Clearing condition: (('Remote Operational State' EQUAL 'Connected') OR ('Remote Operational State' EQUAL 'Not Tested'))		

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Alarm	Attributes	Applicable major releases
Remedial action: Make sure that ring node is properly connected to MC ring group.		

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Table 21-230 RipDown

Alarm	Attributes	Applicable major releases
Name: RipDown (72) Type: ProtocolAlarm (1) Package: rip Raised on class: rip.Site	Severity: critical Implicitly cleared: true Default probable cause: protocolDown (1)	<ul style="list-style-type: none"> • 11.0 • 11.0.R4 • 12.0
Description: The alarm is raised when a RIP site has an Operational State other than Up, and the Administrative State is Up.		
Raising condition: (('Administrative State' EQUAL 'Up') AND ('Operational State' NOT EQUAL 'Up'))		
Clearing condition: (('Operational State' EQUAL 'Up') OR ('Administrative State' NOT EQUAL 'Up'))		
Remedial action: The RIP Site is down while it is administratively up. Please check the node e.g. IOM is not shutdown or installed.		

Table 21-231 RouteDistinguisherNotConfigured

Alarm	Attributes	Applicable major releases
Name: RouteDistinguisherNotConfigured (142) Type: configurationAlarm (11) Package: I3fwd Raised on class: I3fwd.ServiceSite	Severity: major Implicitly cleared: true Default probable cause: routeDistinguisherNotConfigured (113)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 11.0.R4 • 12.0
Description: The alarm is raised when no RD is configured for an L3 service site.		
Raising condition: ('routeDistinguisher' EQUAL "\00 00 00 00 00 00 00 00")		
Clearing condition: ('routeDistinguisher' NOT EQUAL "\00 00 00 00 00 00 00 00")		
Remedial action: A configuration error has occurred which must be corrected. The RD must be configured on the L3 Service Site in question.		

Table 21-232 RPKISessionNotEstablished

Alarm	Attributes	Applicable major releases
Name: RPKISessionNotEstablished (8136) Type: communicationsAlarm (4) Package: rtr Raised on class: rtr.RpkiSession	Severity: major Implicitly cleared: true Default probable cause: RPKISessionNotEstablished (2532)	<ul style="list-style-type: none"> • 12.0
Description: The notification alarm is raised when the RPKI Session is not established.		

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Alarm	Attributes	Applicable major releases
Raising condition: (('Session State' NOT EQUAL 'Established'))		
Clearing condition: (('Session State' EQUAL 'Established'))		
Remedial action: Make sure that the Cache server is reachable and is configured properly.		

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Table 21-233 RsvpDown

Alarm	Attributes	Applicable major releases
Name: RsvpDown (74) Type: ProtocolAlarm (1) Package: rsvp Raised on class: rsvp.Site	Severity: critical Implicitly cleared: true Default probable cause: protocolDown (1)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 11.0.R4 • 12.0
Description: The alarm is raised when an RSVP site has an Operational State other than Up, and the Administrative State is Up.		
Raising condition: (('Administrative State' EQUAL 'Up') AND ('Operational State' NOT EQUAL 'Up'))		
Clearing condition: (('Operational State' EQUAL 'Up') OR ('Administrative State' NOT EQUAL 'Up'))		
Remedial action: The RSVP Site is down while it is administratively up. Please check MPLS is enabled and administratively up.		

Table 21-234 RxSectionSynchronizationError

Alarm	Attributes	Applicable major releases
Name: RxSectionSynchronizationError (93) Type: communicationsAlarm (4) Package: sonetequipment Raised on class: sonetequipment.SonetPortMonitorSpecifics	Severity: major Implicitly cleared: true Default probable cause: rxSectionSynchronizationError (79)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 11.0.R4 • 12.0
Description: The alarm is raised when a SONET port reports a section synchronization failure. A section synchronization failure occurs when the S1 byte is inconsistent for eight consecutive frames.		
Raising condition: (('Outstanding Alarms'anyBit'RX Section Synchronization Error') AND ('Report Alarms'anyBit'RX Section Synchronization Error'))		
Clearing condition: NOT (('Outstanding Alarms'anyBit'RX Section Synchronization Error') AND ('Report Alarms'anyBit'RX Section Synchronization Error'))		
Remedial action: Check the link status between SONET Port and the source.		

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Table 21-235 S2LPathBypassTunnelActive

Alarm	Attributes	Applicable major releases
Name: S2LPathBypassTunnelActive (777) Type: pathAlarm (12) Package: mpls Raised on class: mpls.S2LPath	Severity: warning Implicitly cleared: true Default probable cause: S2LPathReroutedToBypassTunnel (552)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 11.0.R4 • 12.0
Description: The alarm is raised when the bypass tunnel in an S2L path becomes active. The alarm clears when the bypass tunnel is no longer active, for example, because a primary tunnel failure is resolved or a new path is established.		
Raising condition: ('Bypass Tunnel Active' EQUAL 'true')		
Clearing condition: ('Bypass Tunnel Active' EQUAL 'false')		
Remedial action: Check what caused primary tunnel is down and fix it if possible.		

Table 21-236 S2LPathDown

Alarm	Attributes	Applicable major releases
Name: S2LPathDown (778) Type: pathAlarm (12) Package: mpls Raised on class: mpls.S2LPath	Severity: major Implicitly cleared: true Default probable cause: S2LPathDown (553)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 11.0.R4 • 12.0
Description: The alarm is raised when the S2L path Administrative State is Up and the Operational State is not Up. The alarm clears when the S2L path Operational State changes to Up or the Administrative State changes to Down.		
Raising condition: (('Administrative' EQUAL 'Up') AND ('Operational' NOT EQUAL 'Up'))		
Clearing condition: (('Operational' EQUAL 'Up') OR ('Administrative' NOT EQUAL 'Up'))		
Remedial action: Check the failure code and update accordingly, e.g. whether MPLS/RSVP interfaces, OSPF interfaces are down.		

Table 21-237 SapDDosDynamicExceeded

Alarm	Attributes	Applicable major releases
Name: SapDDosDynamicExceeded (4890) Type: securityServiceOrMechanismViolation (92) Package: service Raised on class: service.AccessInterface	Severity: warning Implicitly cleared: true Default probable cause: ExceedingPolicingParameters (1950)	<ul style="list-style-type: none"> • 11.0 • 12.0
Description: The alarm is raised when the protocol on a particular SAP has been detected as non-conformant to the associated distributed CPU protection policy parameters (on receiving sapDcpDynamicExcd trap) and the alarm status is set as non-conformant. When the SAP starts hold-down period for an exceeding protocol (on receiving sapDcpDynamicHoldDownStart trap), the alarm status will change into non-conformant(Hold Down Start). When the SAP completes hold-down period for an exceeding protocol (on receiving sapDcpDynamicHoldDownEnd trap), the alarm status will be changed into non-conformant(Hold Down End). When the protocol for the SAP has been detected as conformant for a period of the configured detection-time after having been previously detected as exceeding and completed any hold-down period (on receiving sapDcpDynamicConform trap), the alarm will be cleared.		

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Alarm	Attributes	Applicable major releases
Remedial action: Appropriate configuration changes to the distributed CPU protection policy or to the affected SAP may be required.		

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Table 21-238 SapDDosLocMonitorExceeded

Alarm	Attributes	Applicable major releases
Name: SapDDosLocMonitorExceeded (4891) Type: securityServiceOrMechanismViolation (92) Package: service Raised on class: service.AccessInterface	Severity: warning Implicitly cleared: true Default probable cause: ExceedingPolicingParameters (1950)	<ul style="list-style-type: none"> • 11.0 • 12.0
Description: The alarm is raised when the local-monitoring-policer for a particular SAP has transitioned from a conformant state to a non-conformant state and the system will attempt to allocate dynamic enforcement policers (on receiving sapDcpLocMonExcd trap), and the alarm status is set as non-conformant. When all dynamic enforcement policers associated with a non-conformant local-monitoring-policer have been successfully allocated for the SAP (on receiving sapDcpLocMonExcdAllDynAlloc trap), the alarm status will be changed into non-conformant(Located All). When the local-monitoring-policer for a particular SAP has transitioned from a conformant state to a non-conformant state and the system cannot allocate all the dynamic enforcement policers associated with the distributed CPU protection policy (on receiving sapDcpLocMonExcdDynResource trap), the alarm status will be changed into non-conformant(Cannot Allocate All). When all the previously allocated dynamic enforcement policers for a particular local-monitoring-policer on the associated distributed CPU protection policy have been freed up and all the protocols are once again being monitored by local-monitor (on receiving sapDcpLocMonExcdAllDynFreed trap), the alarm will be cleared.		
Remedial action: Appropriate configuration changes to the distributed CPU protection policy or to the affected SAP may be required.		

Table 21-239 SapDDosStaticExceeded

Alarm	Attributes	Applicable major releases
Name: SapDDosStaticExceeded (4892) Type: securityServiceOrMechanismViolation (92) Package: service Raised on class: service.AccessInterface	Severity: warning Implicitly cleared: true Default probable cause: ExceedingPolicingParameters (1950)	<ul style="list-style-type: none"> • 11.0 • 12.0
Description: The alarm is raised when the static-policer on a particular SAP has been detected as non-conformant to the associated distributed CPU protection policy parameters (on receiving sapDcpStaticExcd trap) and the alarm status is set as non-conformant. When the SAP starts hold-down period for the exceeding static-policer (on receiving sapDcpStaticHoldDownStart trap), the alarm status will change into non-conformant(Hold Down Start). When the SAP ends hold-down period for the exceeding static-policer (on receiving sapDcpStaticHoldDownEnd trap), the alarm status will be changed into non-conformant(Hold Down End). When the static-policer for the SAP has been detected as conformant for a period of the configured detection-time after having been previously detected as exceeding and completed any hold-down period (on receiving sapDcpStaticConform trap), the alarm will be cleared.		
Remedial action: Appropriate configuration changes to the distributed CPU protection policy or to the affected SAP may be required.		

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Table 21-240 SaveConfigFailed

Alarm	Attributes	Applicable major releases
Name: SaveConfigFailed (105) Type: configurationAlarm (11) Package: sw Raised on class: sw.BackupRestoreManager	Severity: major Implicitly cleared: true Default probable cause: fileAccessError (90)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 11.0.R4 • 12.0
Description: The alarm is raised when the admin save command on an NE fails.		
Raising condition: ('Config Save State' EQUAL 'Failure')		
Clearing condition: ('Config Save State' EQUAL 'Success')		
Remedial action: Attempt the admin save command a second time. If the problem persists please contact Alcatel-Lucent support for assistance.		

Table 21-241 ScheduledPollerProblem

Alarm	Attributes	Applicable major releases
Name: ScheduledPollerProblem (4386) Type: communicationsAlarm (4) Package: netw Raised on class: netw.NetworkElement	Severity: warning Implicitly cleared: true Default probable cause: scheduledResyncFailed (1569)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 11.0.R4 • 12.0
Description: The alarm is raised when the 5620 SAM is unable to poll a network object, for example, because of intermittent or no IP connectivity to an NE, incorrect SNMP security parameters, or disabled SNMP on the NE.		
Raising condition: ('Scheduled Resync Status' EQUAL 'Scheduled Resync Failed')		
Clearing condition: ('Scheduled Resync Status' EQUAL 'Scheduled Resync Done')		
Remedial action: Informational - if the alarm persists or is occurring frequently then investigation is required to understand a) why the underlying transport network is unreliable or b) why the NE is too busy to respond to 5620 SAM or c) has SNMP been disabled on the NE. Once the issue has been resolved SAM will automatically re-attempt.		

Table 21-242 SdpBindingDown

Alarm	Attributes	Applicable major releases
Name: SdpBindingDown (221) Type: SdpBindingAlarm (30) Package: svt Raised on class: svt.SdpBinding	Severity: critical Implicitly cleared: true Default probable cause: SdpBindingNotReady (166)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 11.0.R4 • 12.0
Description: The alarm is raised when an SDP binding has an Operational State other than Up.		
Raising condition: (('Operational State' NOT EQUAL 'Up') AND ('State Cause' NOT EQUAL 'Standby For BGP Multi-Homing'))		
Clearing condition: (('Operational State' EQUAL 'Up') OR ('State Cause' EQUAL 'Standby For BGP Multi-Homing'))		

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Alarm	Attributes	Applicable major releases
Remedial action: To resolve this alarm check the SDP binding to determine if a configuration mismatch exists. If configuration is determined to be correct then the associated network interface may be down. Further investigation is required to determine why the underlying network interface is down.		

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Table 21-243 SdpBindingTunnelDown

Alarm	Attributes	Applicable major releases
Name: SdpBindingTunnelDown (222) Type: CircuitAlarm (17) Package: svt Raised on class: svt.SdpBinding	Severity: critical Implicitly cleared: true Default probable cause: SdpTunnelNotReady (167)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 11.0.R4 • 12.0
Description: The alarm is raised when an SDP binding tunnel has an Operational State other than Up.		
Raising condition: (('Operational State' EQUAL 'Tunnel Not Ready') OR ('Operational State' EQUAL 'Tunnel Down'))		
Clearing condition: (('Operational State' NOT EQUAL 'Tunnel Not Ready') AND ('Operational State' NOT EQUAL 'Tunnel Down'))		
Remedial action: To resolve this alarm check the endpoints of the SDP binding to determine if a configuration mismatch exists. If configuration matches then the underlying network resource between the endpoints of the SDP may be down. Further investigation is required to determine why the underlying transport network is down.		

Table 21-244 SdpEgressIfsNetDomainInConsistent

Alarm	Attributes	Applicable major releases
Name: SdpEgressIfsNetDomainInConsistent (3616) Type: resourceAlarm (28) Package: svt Raised on class: svt.Tunnel	Severity: warning Implicitly cleared: true Default probable cause: sdpEgressIfsNetDomainInConsistent (1405)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 11.0.R4 • 12.0
Description: The alarm is raised when the SDP egress interface's consistency state changes to inconsistent.		
Raising condition: ('Egress Interfaces Consistency State' EQUAL '3')		
Clearing condition: ('Egress Interfaces Consistency State' EQUAL '2')		
Remedial action: To resolve this alarm check egress interfaces of the SDP configuration. If configuration is determined to be correct check underlying physical transport. Further investigation is required.		

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Table 21-245 SecondaryPathLimitReached

Alarm	Attributes	Applicable major releases
Name: SecondaryPathLimitReached (458) Type: resourceAlarm (28) Package: equipment Raised on class: equipment.DaughterCard	Severity: warning Implicitly cleared: true Default probable cause: resourceLimitReached (131)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 11.0.R4 • 12.0
Description: The alarm is raised when the Ingress Multicast Path Management secondary path bandwidth limit is reached.		
Raising condition: (('Secondary Path Limit Override' > '0') AND ('Secondary Path In use' >= " (1000 * 'Secondary Path Limit Override')"))		
Clearing condition: (('Secondary Path Limit Override' > '0') AND ('Secondary Path In use' < (1000 * 'Secondary Path Limit Override'))		
Remedial action: Informational - The alarm is raised when the Ingress Multicast Path Management secondary path bandwidth limit is reached. This can be remedied by modifying the secondary path limit located at T1 Paths tab of the multicast bandwidth policy which assigned to the card, or increase the secondary path limit override located at the Daughter Card tab under Daughter Card Slot form.		

Table 21-246 SectionB1Error

Alarm	Attributes	Applicable major releases
Name: SectionB1Error (87) Type: communicationsAlarm (4) Package: sonetequipment Raised on class: sonetequipment.SonetPortMonitorSpecifics	Severity: major Implicitly cleared: true Default probable cause: sectionB1Error (73)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 11.0.R4 • 12.0
Description: The alarm is raised when a SONET port reports a section error condition that a remote NE raises because of b1 errors received from the local NE. The alarm corresponds to the lrei alarm on an NE.		
Raising condition: (('Outstanding Alarms'anyBit'Section B1 Error') AND ('Report Alarms'anyBit'Section B1 Error'))		
Clearing condition: NOT (('Outstanding Alarms'anyBit'Section B1 Error') AND ('Report Alarms'anyBit'Section B1 Error'))		
Remedial action: Check the SONET port is configured correctly and that the physical layer cabling is operating correctly. Call customer support if necessary.		

Table 21-247 SectionLossOfFrame

Alarm	Attributes	Applicable major releases
Name: SectionLossOfFrame (90) Type: communicationsAlarm (4) Package: sonetequipment Raised on class: sonetequipment.SonetPortMonitorSpecifics	Severity: major Implicitly cleared: true Default probable cause: sectionLossOfFrame (76)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 11.0.R4 • 12.0
Description: The alarm is raised when a SONET port reports a SLOF error. The alarm corresponds to the slof alarm on an NE.		
Raising condition: (('Outstanding Alarms'anyBit'Section Loss of Frame') AND ('Report Alarms'anyBit'Section Loss of Frame'))		

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Alarm	Attributes	Applicable major releases
Clearing condition: NOT (((('Outstanding Alarms'anyBit'Section Loss of Frame') AND ('Report Alarms'anyBit'Section Loss of Frame'))))		
Remedial action: One of the following conditions exists on the referenced physical interface which must be corrected. A cable/fiber fault exists which must be corrected - check to ensure that the cable is not faulty and is properly connected.		

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Table 21-248 SectionLossOfSignal

Alarm	Attributes	Applicable major releases
Name: SectionLossOfSignal (91) Type: communicationsAlarm (4) Package: sonetequipment Raised on class: sonetequipment.SonetPortMonitorSpecifics	Severity: major Implicitly cleared: true Default probable cause: sectionLossOfSignal (77)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 11.0.R4 • 12.0
Description: The alarm is raised when a SONET port reports a SLOS error. The alarm corresponds to the slos alarm on an NE.		
Raising condition: (('Outstanding Alarms'anyBit'Section Loss of Signal') AND ('Report Alarms'anyBit'Section Loss of Signal'))		
Clearing condition: NOT (((('Outstanding Alarms'anyBit'Section Loss of Signal') AND ('Report Alarms'anyBit'Section Loss of Signal'))))		
Remedial action: One of the following conditions exists on the referenced physical interface which must be corrected. A cable/fiber fault exists which must be corrected - check to ensure that the cable is not faulty and is properly connected.		

Table 21-249 SectionS1Failure

Alarm	Attributes	Applicable major releases
Name: SectionS1Failure (86) Type: communicationsAlarm (4) Package: sonetequipment Raised on class: sonetequipment.SonetPortMonitorSpecifics	Severity: major Implicitly cleared: true Default probable cause: sectionS1Failure (72)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 11.0.R4 • 12.0
Description: The alarm is raised when a SONET port reports a section synchronization failure. A section synchronization failure occurs when the S1 byte is inconsistent for eight consecutive frames.		
Raising condition: (('Outstanding Alarms'anyBit'Section S1 Failure') AND ('Report Alarms'anyBit'Section S1 Failure'))		
Clearing condition: NOT (((('Outstanding Alarms'anyBit'Section S1 Failure') AND ('Report Alarms'anyBit'Section S1 Failure'))))		
Remedial action: Check the SONET port is configured correctly and that the physical layer cabling is operating correctly. Call customer support if necessary.		

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Table 21-250 ServiceSiteDown

Alarm	Attributes	Applicable major releases
Name: ServiceSiteDown (97) Type: serviceAlarm (16) Package: service Raised on class: service.Site	Severity: critical Implicitly cleared: true Default probable cause: siteDown (83)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 11.0.R4 • 12.0
Description: The alarm is raised when all SAPs on a site are operationally down, or when the service tunnels for the site are operationally down.		
Raising condition: (('Operational State' NOT EQUAL 'Up') AND ('State Cause' NOT EQUAL 'All Spoke SDP Bindings are Standby'))		
Clearing condition: (('Operational State' EQUAL 'Up') OR ('State Cause' EQUAL 'All Spoke SDP Bindings are Standby'))		
Remedial action: The network resources (i.e. physical ports for SAPs, or physical ports/LSP) associated with the service site should be examined to determine if/why they are operationally down. The underlying transport network supporting the site may also be unreliable.		

Table 21-251 SessionDown

Alarm	Attributes	Applicable major releases
Name: SessionDown (73) Type: ProtocolAlarm (1) Package: rsvp Raised on class: rsvp.Session	Severity: critical Implicitly cleared: true Default probable cause: interfaceDown (32)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 11.0.R4 • 12.0
Description: The alarm is raised when an RSVP session is operationally down.		
Raising condition: ('Operational State' EQUAL 'Down')		
Clearing condition: ('Operational State' EQUAL 'Up')		
Remedial action: Please check the RSVP session path to make sure all associated protocols/interfaces/connections are OK.		

Table 21-252 SFMInterconnectPortDegraded

Alarm	Attributes	Applicable major releases
Name: SFMInterconnectPortDegraded (5647) Type: communicationsAlarm (4) Package: equipment Raised on class: equipment.SFMInterConnectPort	Severity: minor Implicitly cleared: true Default probable cause: SFMInterconnectPortDegraded (2423)	<ul style="list-style-type: none"> • 12.0
Description: The SFMInterconnectPortDegraded alarm is generated by 7950 XRS-40 when the system has detected a reduction in switch fabric capacity because of degrade in a particular SFM interconnect port associated to the switch fabric. This is indicated through the field SfmIcPortDegradeState, the value of the field would not be None in this condition. The value degraded indicates switch fabric capacity on this port is reduced, but SFM interconnect port can still carry some traffic but not all the full capacity of the interconnect port.		
Raising condition: ('Fabric Degrade State' NOT EQUAL 'None')		

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Alarm	Attributes	Applicable major releases
Clearing condition: ('Fabric Degrade State' EQUAL 'None')		
Remedial action: Switch fabric capacity is reduced due to the degradation in associated SFM interconnect port, this may not cause any impact to service because of redundancy in the fabric. Although it may not be possible to maintain full service, the SFM interconnection port and attached cable may be the cause for the degradation, replacing the affected components may restore some fabric capacity.		

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Table 21-253 ShamLinkDown

Alarm	Attributes	Applicable major releases
Name: ShamLinkDown (665) Type: ShamLinkAlarm (57) Package: ospf Raised on class: ospf.ShamLink	Severity: critical Implicitly cleared: true Default probable cause: ShamLinkDown (492)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 11.0.R4 • 12.0
Description: The alarm is raised when a sham link is operationally down.		
Raising condition: ('Operational State' EQUAL 'Down')		
Clearing condition: ('Operational State' NOT EQUAL 'Down')		
Remedial action: This alarm is raised when the OSPF sham link is operationally down. The situation may occur if the underlying physical interface is down either because of administrative disabling or a fault on the far end port or due to a cable connection or cable failure. This alarm will also be raised if the underlying transport network fails or is unreliable. Resolving the underlying instability in the transport network will correct this problem.		

Table 21-254 SingleSFMOverloadDetected

Alarm	Attributes	Applicable major releases
Name: SingleSFMOverloadDetected (843) Type: ProtocolAlarm (1) Package: I3fwd Raised on class: I3fwd.Site	Severity: major Implicitly cleared: true Default probable cause: singleSfmOverloadDetected (601)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 11.0.R4 • 12.0
Description: The alarm is raised when a device reports a single-SFM overload. The alarm clears when the VR exits the Overload state.		
Raising condition: ('Overload State' EQUAL 'Overload')		
Clearing condition: ('Overload State' EQUAL 'Normal')		
Remedial action: Information - if the the problem persists please contact Alcatel-Lucent support for assistance.		

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Table 21-255 SonetPathAlarmIndicationSignal

Alarm	Attributes	Applicable major releases
Name: SonetPathAlarmIndicationSignal (129) Type: communicationsAlarm (4) Package: sonetequipment Raised on class: sonetequipment.SonetChannelMonitorSpecifics	Severity: major Implicitly cleared: true Default probable cause: pathAlarmIndicationSignal (63)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 11.0.R4 • 12.0
Description: The alarm is raised when a SONET port reports a PAIS error. The alarm corresponds to the pais alarm on an NE.		
Raising condition: (('Outstanding Alarms'anyBit'Path Alarm Indication Signal') AND ('Report Alarms'anyBit'Path Alarm Indication Signal'))		
Clearing condition: NOT (('Outstanding Alarms'anyBit'Path Alarm Indication Signal') AND ('Report Alarms'anyBit'Path Alarm Indication Signal'))		
Remedial action: Check the SONET port is configured correctly and that the physical layer cabling is operating correctly. Call customer support if necessary.		

Table 21-256 SonetPathB3Error

Alarm	Attributes	Applicable major releases
Name: SonetPathB3Error (132) Type: communicationsAlarm (4) Package: sonetequipment Raised on class: sonetequipment.SonetChannelMonitorSpecifics	Severity: major Implicitly cleared: true Default probable cause: pathB3Error (66)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 11.0.R4 • 12.0
Description: The alarm is raised when a SONET port reports a path error condition because of b3 errors. The alarm corresponds to the prei alarm on an NE.		
Raising condition: (('Outstanding Alarms'anyBit'Path B3 error') AND ('Report Alarms'anyBit'Path B3 error'))		
Clearing condition: NOT (('Outstanding Alarms'anyBit'Path B3 error') AND ('Report Alarms'anyBit'Path B3 error'))		
Remedial action: Check the SONET port is configured correctly and that the physical layer cabling is operating correctly. Call customer support if necessary.		

Table 21-257 SonetPathLossOfCodegroupDelineationError

Alarm	Attributes	Applicable major releases
Name: SonetPathLossOfCodegroupDelineationError (248) Type: communicationsAlarm (4) Package: sonetequipment Raised on class: sonetequipment.SonetChannelMonitorSpecifics	Severity: major Implicitly cleared: true Default probable cause: pathLossOfCodegroupDelineationError (185)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 11.0.R4 • 12.0
Description: The alarm is raised when a SONET port reports a PLCD error. The alarm corresponds to the plcd alarm on an NE.		

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Alarm	Attributes	Applicable major releases
Raising condition: (('Outstanding Alarms'anyBit'Path Loss of Codegroup Delineation Error') AND ('Report Alarms'anyBit'Path Loss of Codegroup Delineation Error'))		
Clearing condition: NOT (('Outstanding Alarms'anyBit'Path Loss of Codegroup Delineation Error') AND ('Report Alarms'anyBit'Path Loss of Codegroup Delineation Error'))		
Remedial action: Check the SONET port is configured correctly and that the physical layer cabling is operating correctly. Call customer support if necessary.		

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Table 21-258 SonetPathLossOfPointer

Alarm	Attributes	Applicable major releases
Name: SonetPathLossOfPointer (130) Type: communicationsAlarm (4) Package: sonetequipment Raised on class: sonetequipment.SonetChannelMonitorSpecifics	Severity: major Implicitly cleared: true Default probable cause: pathLossOfPointer (64)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 11.0.R4 • 12.0
Description: The alarm is raised when a SONET port reports a PLOP error. The alarm corresponds to the plop alarm on an NE.		
Raising condition: (('Outstanding Alarms'anyBit'Path Loss of Pointer') AND ('Report Alarms'anyBit'Path Loss of Pointer'))		
Clearing condition: NOT (('Outstanding Alarms'anyBit'Path Loss of Pointer') AND ('Report Alarms'anyBit'Path Loss of Pointer'))		
Remedial action: Check the SONET port is configured correctly and that the physical layer cabling is operating correctly. Call customer support if necessary.		

Table 21-259 SonetPathPayloadMismatch

Alarm	Attributes	Applicable major releases
Name: SonetPathPayloadMismatch (133) Type: communicationsAlarm (4) Package: sonetequipment Raised on class: sonetequipment.SonetChannelMonitorSpecifics	Severity: major Implicitly cleared: true Default probable cause: pathPayloadMismatch (67)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 11.0.R4 • 12.0
Description: The alarm is raised when a SONET port reports a PPLM error on a channel, after which the channel is set operationally down. The alarm corresponds to the pplm alarm on an NE.		
Raising condition: (('Outstanding Alarms'anyBit'Path Payload Mismatch') AND ('Report Alarms'anyBit'Path Payload Mismatch'))		
Clearing condition: NOT (('Outstanding Alarms'anyBit'Path Payload Mismatch') AND ('Report Alarms'anyBit'Path Payload Mismatch'))		
Remedial action: Informational only.		

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Table 21-260 SonetPathRemoteB3Error

Alarm	Attributes	Applicable major releases
Name: SonetPathRemoteB3Error (134) Type: communicationsAlarm (4) Package: sonetequipment Raised on class: sonetequipment.SonetChannelMonitorSpecifics	Severity: major Implicitly cleared: true Default probable cause: pathRemoteB3Error (68)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 11.0.R4 • 12.0
Description: The alarm is raised when a SONET port reports a path error condition that a remote NE raises because of b3 errors received from the local NE. The alarm corresponds to the prei alarm on an NE.		
Raising condition: (('Outstanding Alarms'anyBit'Path Remote B3 Error') AND ('Report Alarms'anyBit'Path Remote B3 Error'))		
Clearing condition: NOT (('Outstanding Alarms'anyBit'Path Remote B3 Error') AND ('Report Alarms'anyBit'Path Remote B3 Error'))		
Remedial action: Check the remote NE is configured correctly and its physical layer cabling is operating correctly.		

Table 21-261 SonetPathRemoteDefectIndication

Alarm	Attributes	Applicable major releases
Name: SonetPathRemoteDefectIndication (131) Type: communicationsAlarm (4) Package: sonetequipment Raised on class: sonetequipment.SonetChannelMonitorSpecifics	Severity: major Implicitly cleared: true Default probable cause: pathRemoteDefectIndication (65)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 11.0.R4 • 12.0
Description: The alarm is raised when a SONET port reports a remote PAIS error. The alarm corresponds to the pais alarm on an NE.		
Raising condition: (('Outstanding Alarms'anyBit'Path Remote Defect Indication') AND ('Report Alarms'anyBit'Path Remote Defect Indication'))		
Clearing condition: NOT (('Outstanding Alarms'anyBit'Path Remote Defect Indication') AND ('Report Alarms'anyBit'Path Remote Defect Indication'))		
Remedial action: Check the SONET port is configured correctly and that the physical layer cabling is operating correctly. Call customer support if necessary.		

Table 21-262 SonetPathUnequippedPathError

Alarm	Attributes	Applicable major releases
Name: SonetPathUnequippedPathError (143) Type: communicationsAlarm (4) Package: sonetequipment Raised on class: sonetequipment.SonetChannelMonitorSpecifics	Severity: major Implicitly cleared: true Default probable cause: pathUnequippedPathError (114)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 11.0.R4 • 12.0
Description: The alarm is raised when a SONET port reports a path unequipped error. The alarm corresponds to the Path Alarm Unequipped Path Error alarm on an NE.		

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Alarm	Attributes	Applicable major releases
Raising condition: (('Outstanding Alarms'anyBit'Path Alarm Unequipped Path Error') AND ('Report Alarms'anyBit'Path Alarm Unequipped Path Error'))		
Clearing condition: NOT (((('Outstanding Alarms'anyBit'Path Alarm Unequipped Path Error') AND ('Report Alarms'anyBit'Path Alarm Unequipped Path Error'))))		
Remedial action: Check the SONET port is configured correctly and that the physical layer cabling is operating correctly. Call customer support if necessary.		

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Table 21-263 SpbAdjacencyDown

Alarm	Attributes	Applicable major releases
Name: SpbAdjacencyDown (4392) Type: adjacencyAlarm (31) Package: spb Raised on class: spb.AbstractInterface	Severity: minor Implicitly cleared: true Default probable cause: IsisInterfaceDown (232)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 11.0.R4 • 12.0
Description: The alarm is raised when an SPB IS-IS interface has no adjacencies, for example, because the IS-IS protocol on the remote site is down.		
Raising condition: (('Adjacency Count' EQUAL '0L'))		
Clearing condition: (('Adjacency Count' > '0L'))		
Remedial action: Check remote site to see if corresponding IS-IS interface is configured and admin up.		

Table 21-264 SpbInterfaceDown

Alarm	Attributes	Applicable major releases
Name: SpbInterfaceDown (4393) Type: ProtocolAlarm (1) Package: spb Raised on class: spb.AbstractInterface	Severity: warning Implicitly cleared: true Default probable cause: protocolDown (1)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 11.0.R4 • 12.0
Description: The alarm is raised when an SPB IS-IS interface has an Operational State other than Up.		
Raising condition: ('operationalState' EQUAL 'Down')		
Clearing condition: ('operationalState' NOT EQUAL 'Down')		
Remedial action: Check if underlying port is down, or associated network interface is down.		

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Table 21-265 SpbSiteDown

Alarm	Attributes	Applicable major releases
Name: SpbSiteDown (4396) Type: ProtocolAlarm (1) Package: spb Raised on class: spb.Site	Severity: critical Implicitly cleared: true Default probable cause: protocolDown (1)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 11.0.R4 • 12.0
Description: The alarm is raised when an SPB site has an Operational State other than Up.		
Raising condition: ('Operational State' NOT EQUAL 'Up')		
Clearing condition: ('Operational State' EQUAL 'Up')		
Remedial action: Check if the administrative state is down. If the administrative state is up, then check the ISIS instance associated with the SPB and make sure it is up.		

Table 21-266 StatsRetrieveFailed

Alarm	Attributes	Applicable major releases
Name: StatsRetrieveFailed (244) Type: configurationAlarm (11) Package: sw Raised on class: sw.AccountingStatsRetrievalManager	Severity: major Implicitly cleared: false Default probable cause: fileTransferFailure (89)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 11.0.R4 • 12.0
Description: The alarm is raised when the 5620 SAM main or auxiliary server cannot transfer an accounting file from an NE.		
Raising condition: (('Stats Retrieval State' NOT EQUAL 'Success') AND ('Stats Retrieval State' NOT EQUAL 'Not Attempted'))		
Remedial action: Informational - if the alarm persists or is occurring frequently then investigation is required to understand a) why the underlying transport network is unreliable or b) why the NE is too busy or otherwise cannot respond to the 5620 SAM main or auxiliary server.		

Table 21-267 StpExceptionCondition

Alarm	Attributes	Applicable major releases
Name: StpExceptionCondition (297) Type: AccessInterfaceAlarm (32) Package: l2fwd Raised on class: l2fwd.AccessInterfaceStp	Severity: major Implicitly cleared: true Default probable cause: StpException (228)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 11.0.R4 • 12.0
Description: The alarm is raised when a SAP detects an STP exception condition, for example, one-way communication or a downstream loop. The alarm clears when the STP condition changes.		
Raising condition: (('STP Exception Condition' NOT EQUAL 'None') AND ('Administrative State' EQUAL 'Up'))		
Clearing condition: (('STP Exception Condition' EQUAL 'None') OR ('Administrative State' EQUAL 'Down'))		
Remedial action: Check 'STP Exception Condition' field for more details and fix the STP exception.		

Table 21-268 StpRootGuardViolation

Alarm	Attributes	Applicable major releases
Name: StpRootGuardViolation (503) Type: AccessInterfaceAlarm (32) Package: l2fwd Raised on class: l2fwd.AccessInterfaceStp	Severity: warning Implicitly cleared: true Default probable cause: spanningTreeTopologyChanged (331)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 11.0.R4 • 12.0
Description: The alarm is raised when a SAP detects an STP root guard violation.		
Raising condition: ('Root Guard Violation' EQUAL 'true')		
Clearing condition: ('Root Guard Violation' NOT EQUAL 'true')		
Remedial action: Set 'Root Guard' to false if not necessary.		

Table 21-269 SubscriberSystemNextHopUsageHigh

Alarm	Attributes	Applicable major releases
Name: SubscriberSystemNextHopUsageHigh (5157) Type: thresholdCrossed (6) Package: netw Raised on class: netw.NetworkElement	Severity: minor Implicitly cleared: true Default probable cause: resourceFull (53)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 11.0.R4 • 12.0
Description: The alarm is raised when the IP next-hop usage by subscriber managed routes reaches its high watermark, cleared when it reaches its low watermark again; the watermarks are derived from the limit specified with the property subSysNextHopLimit.		
Raising condition: ('IP Next Hop Usage High' EQUAL 'true')		
Clearing condition: ('IP Next Hop Usage High' EQUAL 'false')		
Remedial action: The alarm is raised when the IP next-hop usage by subscriber managed routes reaches its high watermark, cleared when it reaches its low watermark again; the watermarks are derived from the limit specified with the property subSysNextHopLimit. There is no immediate effect, but when the usage actually hits the limit, new hosts will not get their managed routes.		

Table 21-270 SubSysChassMemoryUsageHi

Alarm	Attributes	Applicable major releases
Name: SubSysChassMemoryUsageHi (5656) Type: thresholdCrossed (6) Package: equipment Raised on class: equipment.Shelf	Severity: minor Implicitly cleared: true Default probable cause: resourceFull (53)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 11.0.R4 • 12.0
Description: This alarm is raised when the memory usage by subscriber management on this system or chassis reaches its high watermark ('true').		
Raising condition: ('Memory Usage High' EQUAL 'True')		
Clearing condition: (('Memory Usage High' EQUAL 'False') OR ('Memory Usage High' EQUAL 'unspecified'))		

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Alarm	Attributes	Applicable major releases
Remedial action: The memory usage by subscriber management on this system has reached its high watermark. Please check your memory usage.		

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Table 21-271 svcMacFdbTabelFull

Alarm	Attributes	Applicable major releases
Name: svcMacFdbTabelFull (3890) Type: resourceAlarm (28) Package: netw Raised on class: netw.NetworkElement	Severity: major Implicitly cleared: true Default probable cause: resourceLimitReached (131)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 11.0.R4 • 12.0
Description: The alarm is raised when the system limit of FDB records is reached.		
Remedial action: The alarm is raised when system limit of FDB records is reached.		

Table 21-272 TemperatureThresholdCrossed

Alarm	Attributes	Applicable major releases
Name: TemperatureThresholdCrossed (7) Type: environmentalAlarm (2) Package: equipment Raised on class: equipment.Environment	Severity: major Implicitly cleared: true Default probable cause: equipmentOverheated (5)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 11.0.R4 • 12.0
Description: The alarm is raised when a temperature crosses a threshold.		
Raising condition: ('temperatureThresholdCrossed' EQUAL 'true')		
Clearing condition: ('temperatureThresholdCrossed' EQUAL 'false')		
Remedial action: The NE has detected internal temperatures which are abnormally high. This could be caused by a failed fan unit or one or more dirty fan filters. Replacing the failed unit or filters should resolve the problem. Alternately the environment that the NE is operating in may not be within specifications found in the NE user guides.		

Table 21-273 TmnxEqPortEtherLoopDetected

Alarm	Attributes	Applicable major releases
Name: TmnxEqPortEtherLoopDetected (461) Type: portEtherLoopDetected (48) Package: ethernetequipment Raised on class: ethernetequipment.EthernetPortSpecifics	Severity: major Implicitly cleared: true Default probable cause: HighBer (238)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 11.0.R4 • 12.0
Description: The alarm is raised when a device detects a physical loop on an Ethernet port.		

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Alarm	Attributes	Applicable major releases
Raising condition: (('Down When Looped Status' EQUAL 'Loop Detected'))		
Clearing condition: (('Down When Looped Status' EQUAL 'No Loop Detected'))		
Remedial action: An Ethernet port has been mis-cabled - please remove the loopback cable on the port.		

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Table 21-274 TPLSPDown

Alarm	Attributes	Applicable major releases
Name: TPLSPDown (4900) Type: pathAlarm (12) Package: mplstp Raised on class: mplstp.TPLsp	Severity: critical Implicitly cleared: true Default probable cause: TPLSPDown (1957)	<ul style="list-style-type: none"> 12.0
Description: The alarm is raised when the TP LSP Administrative State is Up and the Operational State is Down. The alarm clears when the TP LSP Operational State changes to Up or the Administrative State changes to Down.		
Raising condition: (('Administrative' EQUAL 'Up') AND ('Operational' NOT EQUAL 'Up'))		
Clearing condition: (('Operational' EQUAL 'Up') OR ('Administrative' NOT EQUAL 'Up'))		
Remedial action: The Operational state of the TP LSP is down, despite the Administrative state being up. Review the configuration and make sure that the destination information is set correctly and that the Administrative state is up.		

Table 21-275 TPLSPPATHDown

Alarm	Attributes	Applicable major releases
Name: TPLSPPATHDown (4901) Type: pathAlarm (12) Package: mplstp Raised on class: mplstp.TPLspPath	Severity: critical Implicitly cleared: true Default probable cause: TPLSPPATHDown (1958)	<ul style="list-style-type: none"> 12.0
Description: The alarm is raised when the TP LSP Path Administrative State is Up and the Operational State is Down. The alarm clears when the TP LSP Path Operational State changes to Up or the Administrative State changes to Down.		
Raising condition: (('Administrative' EQUAL 'Up') AND ('Operational' NOT EQUAL 'Up'))		
Clearing condition: (('Operational' EQUAL 'Up') OR ('Administrative' NOT EQUAL 'Up'))		
Remedial action: The Operational state of the TP LSP Path is down, despite the Administrative state being up. Review the configuration and make sure that the Administrative state is up, the egress and ingress labels are set and the Out-Link interface is operationally up.		

Table 21-276 TrapDestinationMisconfigured

Alarm	Attributes	Applicable major releases
Name: TrapDestinationMisconfigured (33) Type: configurationAlarm (11) Package: netw Raised on class: netw.NetworkElement	Severity: major Implicitly cleared: true Default probable cause: trapDestinationMisconfigured (26) Applicable probable causes: <ul style="list-style-type: none"> trapDestinationMisconfigured duplicateTrapLogId 	<ul style="list-style-type: none"> 10.0 11.0 11.0.R4 12.0
Description: The alarm is raised when the 5620 SAM cannot be added to the NE's SNMP trap destinations.		
Raising condition: ('isTrapDestinationMisconfigured' EQUAL 'true')		
Clearing condition: ('isTrapDestinationMisconfigured' EQUAL 'false')		
Remedial action: A configuration error has been made which must be corrected. The SNMP trap destination on the NE must be configured to the IP address of the SAM server.		

Table 21-277 TrapReceivingFailure

Alarm	Attributes	Applicable major releases
Name: TrapReceivingFailure (1083) Type: communications (87) Package: netw Raised on class: netw.NetworkElement	Severity: major Implicitly cleared: false Default probable cause: trapsWillNotBeSent (822)	<ul style="list-style-type: none"> 10.0 11.0 11.0.R4 12.0
Description: This user-defined alarm is raised when the NE is unable to send traps because the NE configuration is one of the following: - The Management IP Selection is set to Out Of Band Only, the Primary Route Preference is set to In Band, and the Secondary Route Preference is set to None. - The Management IP Selection is set to In Band Only, the Primary Route Preference is set to Out Of Band, and the Secondary Route Preference is set to None.		
Raising condition: (('Active Management IP' EQUAL 'In Band') AND ('Management IP Selection' EQUAL 'In Band Only') AND ('Primary Route Preference' EQUAL 'Out Of Band') AND ('Secondary Route Preference' EQUAL 'None')) OR (('Active Management IP' EQUAL 'Out Of Band') AND ('Management IP Selection' EQUAL 'Out Of Band Only') AND ('Primary Route Preference' EQUAL 'In Band') AND ('Secondary Route Preference' EQUAL 'None')) OR (('Active Management IP' EQUAL 'Out Of Band') AND ('Management IP Selection' EQUAL 'In Band Preferred') AND ('Primary Route Preference' EQUAL 'In Band') AND ('Secondary Route Preference' EQUAL 'None')) OR (('Active Management IP' EQUAL 'In Band') AND ('Management IP Selection' EQUAL 'Out Of Band Preferred') AND ('Primary Route Preference' EQUAL 'Out Of Band') AND ('Secondary Route Preference' EQUAL 'None'))		
Clearing condition: (('Active Management IP' EQUAL 'In Band') AND ('Management IP Selection' EQUAL 'In Band Only') AND (('Primary Route Preference' EQUAL 'In Band') OR ('Secondary Route Preference' EQUAL 'In Band'))) OR (('Active Management IP' EQUAL 'Out Of Band') AND ('Management IP Selection' EQUAL 'Out Of Band Only') AND (('Primary Route Preference' EQUAL 'Out Of Band') OR ('Secondary Route Preference' EQUAL 'Out Of Band'))) OR (('Active Management IP' EQUAL 'Out Of Band') AND ('Management IP Selection' EQUAL 'In Band Preferred') AND (('Primary Route Preference' EQUAL 'In Band') OR ('Secondary Route Preference' EQUAL 'In Band'))) OR (('Active Management IP' EQUAL 'In Band') AND ('Management IP Selection' EQUAL 'Out Of Band Preferred') AND (('Primary Route Preference' EQUAL 'In Band') OR ('Secondary Route Preference' EQUAL 'In Band'))) OR (('Active Management IP' EQUAL 'Out Of Band') AND ('Management IP Selection' EQUAL 'Out Of Band Preferred') AND (('Primary Route Preference' EQUAL 'Out Of Band') OR ('Secondary Route Preference' EQUAL 'Out Of Band')))		
Remedial action: A configuration error has been made which must be corrected. The configuration error must be corrected per the discussion in the description for this alarm.		

Table 21-278 TrapRoutePreferenceRedundancyMissing

Alarm	Attributes	Applicable major releases
Name: TrapRoutePreferenceRedundancyMissing (1084) Type: communications (87) Package: netw Raised on class: netw.NetworkElement	Severity: warning Implicitly cleared: true Default probable cause: trapsRedundancyMissing (823)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 11.0.R4 • 12.0
Description: The user-defined alarm is raised when NE management redundancy is configured without trap route preference redundancy.		
Raising condition: (((('Management IP Selection' EQUAL 'In Band Preferred') AND ('Active Management IP' EQUAL 'In Band') AND ('Primary Route Preference' EQUAL 'In Band') AND ('Secondary Route Preference' EQUAL 'None')) OR (('Management IP Selection' EQUAL 'Out Of Band Preferred') AND ('Active Management IP' EQUAL 'Out Of Band') AND ('Primary Route Preference' EQUAL 'Out Of Band') AND ('Secondary Route Preference' EQUAL 'None'))))		
Clearing condition: (((('Management IP Selection' EQUAL 'In Band Preferred') AND ('Active Management IP' EQUAL 'In Band') AND ('Secondary Route Preference' NOT EQUAL 'None')) OR (('Management IP Selection' EQUAL 'Out Of Band Preferred') AND ('Active Management IP' EQUAL 'Out Of Band') AND ('Secondary Route Preference' NOT EQUAL 'None'))))		
Remedial action: A configuration error has been made which must be corrected. The IP address of the standby SAM server must be configured on the NE in question.		

Table 21-279 TunnelAdministrativelyDown (mpls)

Alarm	Attributes	Applicable major releases
Name: TunnelAdministrativelyDown (523) Type: pathAlarm (12) Package: mpls Raised on class: mpls.Tunnel	Severity: minor Implicitly cleared: true Default probable cause: tunnelAdministrativelyDown (333)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 11.0.R4 • 12.0
Description: The alarm is raised when the 5620 SAM detects that an MPLS path is administratively down.		
Raising condition: ('Administrative' NOT EQUAL 'Up')		
Clearing condition: ('Administrative' EQUAL 'Up')		
Remedial action: Turn up the corresponding MPLS path.		

Table 21-280 TunnelAdministrativelyDown (svt)

Alarm	Attributes	Applicable major releases
Name: TunnelAdministrativelyDown (523) Type: pathAlarm (12) Package: svt Raised on class: svt.Tunnel	Severity: minor Implicitly cleared: true Default probable cause: tunnelAdministrativelyDown (333)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 11.0.R4 • 12.0
Description: The alarm is raised when the 5620 SAM detects that a service tunnel is administratively down.		
Raising condition: ('administrativeState' NOT EQUAL 'Up')		

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Alarm	Attributes	Applicable major releases
Clearing condition: ('administrativeState' EQUAL 'Up')		
Remedial action: Informational - an operator has manually turned down a service tunnel.		

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Table 21-281 TunnelDown (mpls)

Alarm	Attributes	Applicable major releases
Name: TunnelDown (30) Type: pathAlarm (12) Package: mpls Raised on class: mpls.Tunnel	Severity: warning Implicitly cleared: true Default probable cause: tunnelDown (23)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 11.0.R4 • 12.0
Description: The alarm is raised when an MPLS path has an Operational State other than Up, and the Administrative State is Up.		
Raising condition: (('Administrative' EQUAL 'Up') AND ('Operational' NOT EQUAL 'Up'))		
Clearing condition: (('Operational' EQUAL 'Up') OR ('Administrative' NOT EQUAL 'Up'))		
Remedial action: Check the network resources along the path.		

Table 21-282 TunnelDown (svt)

Alarm	Attributes	Applicable major releases
Name: TunnelDown (30) Type: pathAlarm (12) Package: svt Raised on class: svt.AbstractTunnel	Severity: critical Implicitly cleared: true Default probable cause: tunnelDown (23)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 11.0.R4 • 12.0
Description: The alarm is raised when the 5620 SAM detects that a service tunnel is operationally down.		
Raising condition: (('Administrative' EQUAL 'Up') AND ('Operational' NOT EQUAL 'Up'))		
Clearing condition: (('Operational' EQUAL 'Up') OR ('Administrative' NOT EQUAL 'Up'))		
Remedial action: This alarm indicates that a problem has been made in the underlying transport network. If the alarm persists or re-occurs frequently then investigation of the underlying transport issues is warranted.		

Table 21-283 TxSectionSynchronizationError

Alarm	Attributes	Applicable major releases
Name: TxSectionSynchronizationError (92) Type: communicationsAlarm (4) Package: sonetequipment Raised on class: sonetequipment.SonetPortMonitorSpecifics	Severity: major Implicitly cleared: true Default probable cause: txSectionSynchronizationError (78)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 11.0.R4 • 12.0
Description: The alarm is raised when a SONET port reports an SS1F error. The alarm corresponds to the ss1f alarm on an NE.		
Raising condition: (('Outstanding Alarms'anyBit'TX Section Synchronization Error') AND ('Report Alarms'anyBit'TX Section Synchronization Error'))		
Clearing condition: NOT (('Outstanding Alarms'anyBit'TX Section Synchronization Error') AND ('Report Alarms'anyBit'TX Section Synchronization Error'))		
Remedial action: Check the SONET port is configured correctly and that the physical layer cabling is operating correctly. Call customer support if necessary.		

Table 21-284 UnidentifiedNode

Alarm	Attributes	Applicable major releases
Name: UnidentifiedNode (1922) Type: communicationsAlarm (4) Package: netw Raised on class: netw.DiscoveredNode	Severity: major Implicitly cleared: true Default probable cause: unidentifiedNode (922)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 11.0.R4 • 12.0
Description: The alarm is raised when the node being discovered can not be properly identified.		
Raising condition: ('State' EQUAL 'Pending Identification')		
Clearing condition: ('State' NOT EQUAL 'Pending Identification')		
Remedial action: A configuration error has occurred that must be corrected. The eNodeB does not have a system name. The name can be configured by selecting the alarm, opening the associated properties form for the alarmed object and configuring the system name.		

Table 21-285 UnmanageFailed

Alarm	Attributes	Applicable major releases
Name: UnmanageFailed (300) Type: discoveryControlAlarm (33) Package: netw Raised on class: netw.NodeDiscoveryControl	Severity: warning Implicitly cleared: true Default probable cause: unableToDeleteNode (231)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 11.0.R4 • 12.0
Description: The alarm is raised when an attempt to unmanage an NE fails.		
Raising condition: ('Site State' EQUAL 'Unmanage Failed')		
Clearing condition: ('Site State' NOT EQUAL 'Unmanage Failed')		

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Alarm	Attributes	Applicable major releases
Remedial action: Informational - if the alarm persists please contact Alcatel-Lucent support for assistance		

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Table 21-286 UnsupportedSFFinInterConnectPort

Alarm	Attributes	Applicable major releases
Name: UnsupportedSFFinInterConnectPort (5659) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.InterConnectPort	Severity: minor Implicitly cleared: true Default probable cause: UnsupportedSFFinInterConnectPort (2435)	<ul style="list-style-type: none"> 12.0
Description: The UnsupportedSFFinInterConnectPort alarm is generated by 7950 XRS-40 when SFF is not recognized by the system or wrong SFF model different from which ALU has recommended is used. The SFF device is not operational and the associated interconnect port cannot be used.		
Raising condition: ('Operational State' EQUAL 'Unsupported SFF')		
Clearing condition: ('Operational State' EQUAL 'Up')		
Remedial action: The Small Form Factor (SFF) used in interconnect port seems to be unsupported type, please use the appropriate SFF which ALU has recommended, if the SFF is correct please remove and re-insert the SFF device. If the problem persists then replace the SFF device.		

Table 21-287 UpgradedBuildVersionMismatch

Alarm	Attributes	Applicable major releases
Name: UpgradedBuildVersionMismatch (174) Type: configurationAlarm (11) Package: netw Raised on class: netw.NetworkElement	Severity: warning Implicitly cleared: true Default probable cause: upgradedImageNotBooted (137)	<ul style="list-style-type: none"> 10.0 11.0 11.0.R4 12.0
Description: The alarm is raised when the software version that an NE reports after a software upgrade does not match the version of the software used for the upgrade.		
Raising condition: ('upgradedBuildVersionMismatch' EQUAL 'true')		
Clearing condition: ('upgradedBuildVersionMismatch' EQUAL 'false')		
Remedial action: Informational - if the alarm persists please contact Alcatel-Lucent support for assistance		

Table 21-288 upgradedCardAlarm

Alarm	Attributes	Applicable major releases
Name: upgradedCardAlarm (255) Type: softwareAlarm (19) Package: equipment Raised on class: equipment.Card	Severity: warning Implicitly cleared: true Default probable cause: upgradedCard (194)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 11.0.R4 • 12.0
Description: The alarm is raised when the standby CPM is rebooted and operational after a software upgrade. A device resets an IOM automatically after 120 minutes if the IOM is not manually reset after a CPM upgrade.		
Raising condition: ('operationalState' EQUAL 'Upgrade')		
Clearing condition: ('operationalState' EQUAL 'Up')		
Remedial action: Informational - no corrective action required.		

Table 21-289 VersionConfigRestoreFailed

Alarm	Attributes	Applicable major releases
Name: VersionConfigRestoreFailed (536) Type: configurationAlarm (11) Package: sw Raised on class: sw.BackupRestoreManager	Severity: major Implicitly cleared: true Default probable cause: versionMismatch (405)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 11.0.R4 • 12.0
Description: The alarm is raised when the restore procedure on an NE fails because of a mismatch between the backup file set version and the NE software version.		
Raising condition: ('lastNmsVersionRestoreState' EQUAL 'Failure')		
Clearing condition: ('lastNmsVersionRestoreState' EQUAL 'Success')		
Remedial action: The backup files being restored do not match with the version of node software release. Download a new copy of the SW image to the NE. If the problem persists contact Alcatel-Lucent support for assistance.		

Table 21-290 VirtualLinkDown

Alarm	Attributes	Applicable major releases
Name: VirtualLinkDown (122) Type: VirtualLinkAlarm (21) Package: ospf Raised on class: ospf.VirtualLink	Severity: warning Implicitly cleared: true Default probable cause: VirtualLinkDown (104)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 11.0.R4 • 12.0
Description: The alarm is raised when a virtual link is Down.		
Raising condition: ('Operational State' EQUAL 'Down')		
Clearing condition: ('Operational State' NOT EQUAL 'Down')		

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Alarm	Attributes	Applicable major releases
Remedial action: This alarm is raised when the OSPF virtual link is operationally down. The situation may occur if the underlying physical interface is down either because of administrative disabling or a fault on the far end port or due to a cable connection or cable failure. This alarm will also be raised if the underlying transport network fails or is unreliable. Resolving the underlying instability in the transport network will correct this problem.		

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Table 21-291 VirtualNeighborDown

Alarm	Attributes	Applicable major releases
Name: VirtualNeighborDown (123) Type: VirtualNeighborDown (22) Package: ospf Raised on classes: <ul style="list-style-type: none"> • ospf.ShamLink • ospf.VirtualLink 	Severity: warning Implicitly cleared: true Default probable cause: VirtualNeighborDown (105)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 11.0.R4 • 12.0
Description: The alarm is raised when a neighbor virtual link is operationally down.		
Raising condition: ('neighborCount' EQUAL '0L')		
Clearing condition: ('neighborCount' NOT EQUAL '0L')		
Remedial action: This alarm is raised when the OSPF neighbor virtual link is operationally down. The situation may occur if the underlying physical interface is down either because of administrative disabling or a fault on the far end port or due to a cable connection or cable failure. This alarm will also be raised if the underlying transport network fails or is unreliable. Resolving the underlying instability in the transport network will correct this problem.		

Table 21-292 VRtrIfDDosDynamicExceeded

Alarm	Attributes	Applicable major releases
Name: VRtrIfDDosDynamicExceeded (4887) Type: securityServiceOrMechanismViolation (92) Package: rtr Raised on class: rtr.VirtualInterface	Severity: warning Implicitly cleared: true Default probable cause: ExceedingPolicingParameters (1950)	<ul style="list-style-type: none"> • 11.0 • 12.0
Description: The alarm is raised when the protocol on a particular network interface has been detected as non-conformant to the associated distributed CPU protection policy parameters (on receiving vRtrIfDcpDynamicExcd trap) and the alarm status is set as non-conformant. When the network interface starts hold-down period for an exceeding protocol (on receiving vRtrIfDcpDynamicHoldDownStart trap), the alarm status will change into non-conformant(Hold Down Start). When the network interface completes hold-down period for an exceeding protocol (on receiving vRtrIfDcpDynamicHoldDownEnd trap), the alarm status will be changed into non-conformant(Hold Down End). When the protocol for the network interface has been detected as conformant for a period of the configured detection-time after having been previously detected as exceeding and completed any hold-down period (on receiving vRtrIfDcpDynamicConform trap), the alarm will be cleared.		
Remedial action: Appropriate configuration changes to the distributed CPU protection policy or to the affected network interface may be required.		

Table 21-293 VRtrIfDDosLocMonitorExceeded

Alarm	Attributes	Applicable major releases
Name: VRtrIfDDosLocMonitorExceeded (4888) Type: securityServiceOrMechanismViolation (92) Package: rtr Raised on class: rtr.VirtualInterface	Severity: warning Implicitly cleared: true Default probable cause: ExceedingPolicingParameters (1950)	<ul style="list-style-type: none"> • 11.0 • 12.0
<p>Description: The alarm is raised when the local-monitoring-policer for a particular network interface has transitioned from a conformant state to a non-conformant state and the system will attempt to allocate dynamic enforcement policers (on receiving sapDcpLocMonExcd trap), and the alarm status is set as non-conformant. When all dynamic enforcement policers associated with a non-conformant local-monitoring-policer have been successfully allocated for the network interface (on receiving sapDcpLocMonExcdAllDynAlloc trap), the alarm status will be changed into non-conformant(Located All). When the local-monitoring-policer for a particular network interface has transitioned from a conformant state to a non-conformant state and the system cannot allocate all the dynamic enforcement policers associated with the distributed CPU protection policy (on receiving sapDcpLocMonExcdDynResource trap), the alarm status will be changed into non-conformant(Cannot Allocate All). When all the previously allocated dynamic enforcement policers for a particular local-monitoring-policer on the associated distributed CPU protection policy have been freed up and all the protocols are once again being monitored by local-monitor (on receiving sapDcpLocMonExcdAllDynFreed trap), the alarm will be cleared.</p>		
<p>Remedial action: Appropriate configuration changes to the distributed CPU protection policy or to the affected network interface may be required.</p>		

Table 21-294 VRtrIfDDosStaticExceeded

Alarm	Attributes	Applicable major releases
Name: VRtrIfDDosStaticExceeded (4889) Type: securityServiceOrMechanismViolation (92) Package: rtr Raised on class: rtr.VirtualInterface	Severity: warning Implicitly cleared: true Default probable cause: ExceedingPolicingParameters (1950)	<ul style="list-style-type: none"> • 11.0 • 12.0
<p>Description: The alarm is raised when the static-policer on a particular network interface has been detected as non-conformant to the associated distributed CPU protection policy parameters (on receiving vRtrIfDcpStaticExcd trap) and the alarm status is set as non-conformant. When the network interface starts hold-down period for the exceeding static-policer (on receiving vRtrIfDcpStaticHoldDownStart trap), the alarm status will change into non-conformant(Hold Down Start). When the network interface ends hold-down period for the exceeding static-policer (on receiving vRtrIfDcpStaticHoldDownEnd trap), the alarm status will be changed into non-conformant(Hold Down End). When the static-policer for the network interface has been detected as conformant for a period of the configured detection-time after having been previously detected as exceeding and completed any hold-down period (on receiving vRtrIfDcpStaticConform trap), the alarm will be cleared.</p>		
<p>Remedial action: Appropriate configuration changes to the distributed CPU protection policy or to the affected network interface may be required.</p>		

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Table 21-295 WaveTrackerEncoderDegrade

Alarm	Attributes	Applicable major releases
Name: WaveTrackerEncoderDegrade (821) Type: communicationsAlarm (4) Package: ethernetequipment Raised on class: ethernetequipment.WaveLengthTracker	Severity: major Implicitly cleared: true Default probable cause: EncoderDegrade (584)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 11.0.R4 • 12.0
Description: The alarm is raised when a device reports an encoder degradation on a wavelength tracker interface.		
Raising condition: (('Configured Alarms'anyBit'Encoder Degrade') AND ('Reported Alarms'anyBit'Encoder Degrade'))		
Clearing condition: NOT (('Configured Alarms'anyBit'Encoder Degrade') AND ('Reported Alarms'anyBit'Encoder Degrade'))		
Remedial action: The OT or SVAC card has detected a DSP failure and this means that the wavelength tracker encode power control is compromised. If this occurs during steady state operation, there is a high probability that the services carried by this OT or SVAC are unaffected. To clear this alarm, replace the card. The card replacement procedure is service affecting and should be conducted during a maintenance window.		

Table 21-296 WaveTrackerEncoderFailure

Alarm	Attributes	Applicable major releases
Name: WaveTrackerEncoderFailure (822) Type: communicationsAlarm (4) Package: ethernetequipment Raised on class: ethernetequipment.WaveLengthTracker	Severity: major Implicitly cleared: true Default probable cause: EncoderFailure (585)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 11.0.R4 • 12.0
Description: The alarm is raised when a device reports an encoder failure on a wavelength tracker interface.		
Raising condition: (('Configured Alarms'anyBit'Encoder Failure') AND ('Reported Alarms'anyBit'Encoder Failure'))		
Clearing condition: NOT (('Configured Alarms'anyBit'Encoder Failure') AND ('Reported Alarms'anyBit'Encoder Failure'))		
Remedial action: A cold reset, reseat, or replacement of a card is service impacting if the card is currently carrying services. If there are services currently carried over the card, it may be best to wait for a maintenance window before resetting, replacing, or reseating the card. Confirm that replacement OT or SVAC card supports the same band as the alarmed OT or SVAC card and connect all fibers to the replacement OT or SVAC card.		

Table 21-297 WaveTrackerMissingPluggableVOA

Alarm	Attributes	Applicable major releases
Name: WaveTrackerMissingPluggableVOA (4618) Type: communicationsAlarm (4) Package: ethernetequipment Raised on class: ethernetequipment.WaveLengthTracker	Severity: major Implicitly cleared: true Default probable cause: MissingPluggableVOA (1887)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 11.0.R4 • 12.0
Description: The alarm is raised when a device reports a power control high limit on a wavelength tracker interface.		

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Alarm	Attributes	Applicable major releases
Raising condition: (('Configured Alarms'anyBit'Missing Pluggable VOA') AND ('Reported Alarms'anyBit'Missing Pluggable VOA'))		
Clearing condition: NOT (((('Configured Alarms'anyBit'Missing Pluggable VOA') AND ('Reported Alarms'anyBit'Missing Pluggable VOA'))))		
Remedial action: Informational - no corrective action required.		

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Table 21-298 WaveTrackerPowerControlDegrade

Alarm	Attributes	Applicable major releases
Name: WaveTrackerPowerControlDegrade (823) Type: communicationsAlarm (4) Package: ethernetequipment Raised on class: ethernetequipment.WaveLengthTracker	Severity: major Implicitly cleared: true Default probable cause: PowerControlDegrade (586)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 11.0.R4 • 12.0
Description: The alarm is raised when a device reports a power control degradation on a wavelength tracker interface.		
Raising condition: (('Configured Alarms'anyBit'Power Control Degrade') AND ('Reported Alarms'anyBit'Power Control Degrade'))		
Clearing condition: NOT (((('Configured Alarms'anyBit'Power Control Degrade') AND ('Reported Alarms'anyBit'Power Control Degrade'))))		
Remedial action: check to see that the fiber for that card is correct. Remove the fiber from the Tx port on the transponder card. If the condition clears after 20 seconds, then this is a misfiber problem.		

Table 21-299 WaveTrackerPowerControlFailure

Alarm	Attributes	Applicable major releases
Name: WaveTrackerPowerControlFailure (824) Type: communicationsAlarm (4) Package: ethernetequipment Raised on class: ethernetequipment.WaveLengthTracker	Severity: critical Implicitly cleared: true Default probable cause: PowerControlFailure (587)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 11.0.R4 • 12.0
Description: The alarm is raised when a device reports a power control failure on a wavelength tracker interface.		
Raising condition: (('Configured Alarms'anyBit'Power Control Failure') AND ('Reported Alarms'anyBit'Power Control Failure'))		
Clearing condition: NOT (((('Configured Alarms'anyBit'Power Control Failure') AND ('Reported Alarms'anyBit'Power Control Failure'))))		
Remedial action: Either alarmed card has detected equipment problem or there is misfiber problem such that a light-emitting fiber has been plugged into the Tx port of aWavelength Tracker encoder-equipped transponder card.If the card is a transponder card that is equipped with aWavelength Tracker encoder, check to see that the fiber for that card is correct. Remove the fiber from the Tx port on the transponder card. If the condition clears after 20 seconds, then this is a misfiber problem.the card is an SVAC, or if there is no fiber problem on the transponder card.Disconnect all fibers on the alarmed card and Replace the card. connect all fibers to the replacement card		

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Table 21-300 WaveTrackerPowerControlHighlimit

Alarm	Attributes	Applicable major releases
Name: WaveTrackerPowerControlHighlimit (825) Type: communicationsAlarm (4) Package: ethernetequipment Raised on class: ethernetequipment.WaveLengthTracker	Severity: major Implicitly cleared: true Default probable cause: PowerControlHighlimit (588)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 11.0.R4 • 12.0
Description: The alarm is raised when a device reports a power control high limit on a wavelength tracker interface.		
Raising condition: (('Configured Alarms'anyBit'Power Control High limit reached') AND ('Reported Alarms'anyBit'Power Control High limit reached'))		
Clearing condition: NOT (('Configured Alarms'anyBit'Power Control High limit reached') AND ('Reported Alarms'anyBit'Power Control High limit reached'))		
Remedial action: Informational - no corrective action required.		

Table 21-301 WaveTrackerPowerControllowlimit

Alarm	Attributes	Applicable major releases
Name: WaveTrackerPowerControllowlimit (826) Type: communicationsAlarm (4) Package: ethernetequipment Raised on class: ethernetequipment.WaveLengthTracker	Severity: major Implicitly cleared: true Default probable cause: PowerControllowlimit (589)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 11.0.R4 • 12.0
Description: The alarm is raised when a device reports a power control low limit on a wavelength tracker interface.		
Raising condition: (('Configured Alarms'anyBit'Power Control Low limit reached') AND ('Reported Alarms'anyBit'Power Control Low limit reached'))		
Clearing condition: NOT (('Configured Alarms'anyBit'Power Control Low limit reached') AND ('Reported Alarms'anyBit'Power Control Low limit reached'))		
Remedial action: Informational - no corrective action required.		

Table 21-302 WrongCpaaSoftwareVersion

Alarm	Attributes	Applicable major releases
Name: WrongCpaaSoftwareVersion (791) Type: equipmentAlarm (3) Package: netw Raised on class: netw.NetworkElement	Severity: critical Implicitly cleared: true Default probable cause: wrongCpaaSoftwareVersion (559)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 11.0.R4 • 12.0
Description: The alarm is raised when the 7701 CPAA software is the wrong version and requires an upgrade.		
Raising condition: (('Software Version' EQUAL '\TiMOS-B-3.0.Generic \') AND ('Chassis Type' EQUAL '7701 CPAA'))		
Clearing condition: (('Software Version' NOT EQUAL '\TiMOS-B-3.0.Generic \') AND ('Chassis Type' EQUAL '7701 CPAA'))		

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Alarm	Attributes	Applicable major releases
Remedial action: The SW version of the CPAA must be upgraded to the version compatible with CPAM version.		

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Table 21-303 XplError

Alarm	Attributes	Applicable major releases
Name: XplError (573) Type: hardwareAnomaly (55) Package: equipment Raised on class: equipment.DaughterCard	Severity: minor Implicitly cleared: true Default probable cause: xplError (443)	<ul style="list-style-type: none"> • 10.0 • 11.0 • 11.0.R4 • 12.0
Description: The alarm is raised when an MDA reports persistent XPL Errors.		
Raising condition: ('Number Of Notifications' NOT EQUAL '0')		
Clearing condition: ('Number Of Notifications' EQUAL '0')		
Remedial action: Informational - if the condition persists then the MDA indicated in the alarm should be replaced.		

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Note – Some alarms that the 5620 SAM can raise against this device may not be listed in this chapter. Associating alarms with specific NE types is an ongoing Alcatel-Lucent effort. If the 5620 SAM raises an alarm against this device type, and the alarm is not described in this chapter, see chapter 41 for information about the alarm.

Table 22-1 actionsaborted

Alarm	Attributes	Applicable major releases
Name: actionsaborted (6248) Type: equipmentAlarm (3) Package: femto Raised on class: femto.HDMCluster	Severity: minor Implicitly cleared: true Default probable cause: thresholdCrossed (12)	<ul style="list-style-type: none"> LR14.2.SC
Description: The number of action aborted		
Remedial action: See the nodal documentation for more information.		

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Table 22-2 actionsfailed

Alarm	Attributes	Applicable major releases
Name: actionsfailed (6249) Type: equipmentAlarm (3) Package: femto Raised on class: femto.HDMCluster	Severity: minor Implicitly cleared: true Default probable cause: thresholdCrossed (12)	<ul style="list-style-type: none"> LR14.2.SC
Description: The number of action failed		
Remedial action: See the nodal documentation for more information.		

Table 22-3 actionsqueued

Alarm	Attributes	Applicable major releases
Name: actionsqueued (6250) Type: equipmentAlarm (3) Package: femto Raised on class: femto.HDMCluster	Severity: minor Implicitly cleared: true Default probable cause: thresholdCrossed (12)	<ul style="list-style-type: none"> LR14.2.SC
Description: The number of action queued		
Remedial action: See the nodal documentation for more information.		

Table 22-4 actionsqueuedfunctionsaddobject

Alarm	Attributes	Applicable major releases
Name: actionsqueuedfunctionsaddobject (6251) Type: equipmentAlarm (3) Package: femto Raised on class: femto.HDMCluster	Severity: minor Implicitly cleared: true Default probable cause: thresholdCrossed (12)	<ul style="list-style-type: none"> LR14.2.SC
Description: The number of addobject function queued		
Remedial action: See the nodal documentation for more information.		

Table 22-5 actionsqueuedfunctionsbackup

Alarm	Attributes	Applicable major releases
Name: actionsqueuedfunctionsbackup (6252) Type: equipmentAlarm (3) Package: femto Raised on class: femto.HDMCluster	Severity: minor Implicitly cleared: true Default probable cause: thresholdCrossed (12)	<ul style="list-style-type: none"> LR14.2.SC

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Alarm	Attributes	Applicable major releases
Description: The number of backup function queued		
Remedial action: See the nodal documentation for more information.		

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Table 22-6 actionsqueuedfunctionsconfigurationdownload

Alarm	Attributes	Applicable major releases
Name: actionsqueuedfunctionsconfigurationdownload (6253) Type: equipmentAlarm (3) Package: femto Raised on class: femto.HDMCluster	Severity: minor Implicitly cleared: true Default probable cause: thresholdCrossed (12)	<ul style="list-style-type: none"> LR14.2.SC
Description: The number of configurationdownload function queued		
Remedial action: See the nodal documentation for more information.		

Table 22-7 actionsqueuedfunctionsconfigurationupload

Alarm	Attributes	Applicable major releases
Name: actionsqueuedfunctionsconfigurationupload (6254) Type: equipmentAlarm (3) Package: femto Raised on class: femto.HDMCluster	Severity: minor Implicitly cleared: true Default probable cause: thresholdCrossed (12)	<ul style="list-style-type: none"> LR14.2.SC
Description: The number of configurationupload function queued		
Remedial action: See the nodal documentation for more information.		

Table 22-8 actionsqueuedfunctionsconnect

Alarm	Attributes	Applicable major releases
Name: actionsqueuedfunctionsconnect (6255) Type: equipmentAlarm (3) Package: femto Raised on class: femto.HDMCluster	Severity: minor Implicitly cleared: true Default probable cause: thresholdCrossed (12)	<ul style="list-style-type: none"> LR14.2.SC
Description: The number of connect function queued		
Remedial action: See the nodal documentation for more information.		

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Table 22-9 actionsqueuedfunctionsdeleteobject

Alarm	Attributes	Applicable major releases
Name: actionsqueuedfunctionsdeleteobject (6256) Type: equipmentAlarm (3) Package: femto Raised on class: femto.HDMCluster	Severity: minor Implicitly cleared: true Default probable cause: thresholdCrossed (12)	<ul style="list-style-type: none"> LR14.2.SC
Description: The number of deleteobject function queued		
Remedial action: See the nodal documentation for more information.		

Table 22-10 actionsqueuedfunctionsfactoryreset

Alarm	Attributes	Applicable major releases
Name: actionsqueuedfunctionsfactoryreset (6257) Type: equipmentAlarm (3) Package: femto Raised on class: femto.HDMCluster	Severity: minor Implicitly cleared: true Default probable cause: thresholdCrossed (12)	<ul style="list-style-type: none"> LR14.2.SC
Description: The number of factoryreset function queued		
Remedial action: See the nodal documentation for more information.		

Table 22-11 actionsqueuedfunctionsfirmwareupdate

Alarm	Attributes	Applicable major releases
Name: actionsqueuedfunctionsfirmwareupdate (6258) Type: equipmentAlarm (3) Package: femto Raised on class: femto.HDMCluster	Severity: minor Implicitly cleared: true Default probable cause: thresholdCrossed (12)	<ul style="list-style-type: none"> LR14.2.SC
Description: The number of firmwareupdate function queued		
Remedial action: See the nodal documentation for more information.		

Table 22-12 actionsqueuedfunctionsgetoptions

Alarm	Attributes	Applicable major releases
Name: actionsqueuedfunctionsgetoptions (6259) Type: equipmentAlarm (3) Package: femto Raised on class: femto.HDMCluster	Severity: minor Implicitly cleared: true Default probable cause: thresholdCrossed (12)	<ul style="list-style-type: none"> LR14.2.SC
Description: The number of getoptions function queued		
Remedial action: See the nodal documentation for more information.		

Table 22-13 actionsqueuedfunctionsgetparameterattributes

Alarm	Attributes	Applicable major releases
Name: actionsqueuedfunctionsgetparameterattributes (6260) Type: equipmentAlarm (3) Package: femto Raised on class: femto.HDMCluster	Severity: minor Implicitly cleared: true Default probable cause: thresholdCrossed (12)	<ul style="list-style-type: none"> LR14.2.SC
Description: The number of getparameterattributes function queued		
Remedial action: See the nodal documentation for more information.		

Table 22-14 actionsqueuedfunctionsgetparameternames

Alarm	Attributes	Applicable major releases
Name: actionsqueuedfunctionsgetparameternames (6261) Type: equipmentAlarm (3) Package: femto Raised on class: femto.HDMCluster	Severity: minor Implicitly cleared: true Default probable cause: thresholdCrossed (12)	<ul style="list-style-type: none"> LR14.2.SC
Description: The number of getparametervalues function queued		
Remedial action: See the nodal documentation for more information.		

Table 22-15 actionsqueuedfunctionsgetparametervalues

Alarm	Attributes	Applicable major releases
Name: actionsqueuedfunctionsgetparametervalues (6262) Type: equipmentAlarm (3) Package: femto Raised on class: femto.HDMCluster	Severity: minor Implicitly cleared: true Default probable cause: thresholdCrossed (12)	<ul style="list-style-type: none"> LR14.2.SC
Description: The number of getqueuedtransfers function queued		
Remedial action: See the nodal documentation for more information.		

Table 22-16 actionsqueuedfunctionsgetqueuedtransfers

Alarm	Attributes	Applicable major releases
Name: actionsqueuedfunctionsgetqueuedtransfers (6263) Type: equipmentAlarm (3) Package: femto Raised on class: femto.HDMCluster	Severity: minor Implicitly cleared: true Default probable cause: thresholdCrossed (12)	<ul style="list-style-type: none"> LR14.2.SC
Description: The number of getrpcmethods function queued		
Remedial action: See the nodal documentation for more information.		

Table 22-17 actionsqueuedfunctionsgetrpcmethods

Alarm	Attributes	Applicable major releases
Name: actionsqueuedfunctionsgetrpcmethods (6264) Type: equipmentAlarm (3) Package: femto Raised on class: femto.HDMCluster	Severity: minor Implicitly cleared: true Default probable cause: thresholdCrossed (12)	<ul style="list-style-type: none"> LR14.2.SC
Description: The number of reboot function queued		
Remedial action: See the nodal documentation for more information.		

Table 22-18 actionsqueuedfunctionsreboot

Alarm	Attributes	Applicable major releases
Name: actionsqueuedfunctionsreboot (6265) Type: equipmentAlarm (3) Package: femto Raised on class: femto.HDMCluster	Severity: minor Implicitly cleared: true Default probable cause: thresholdCrossed (12)	<ul style="list-style-type: none"> LR14.2.SC
Description: The number of restore function queued		
Remedial action: See the nodal documentation for more information.		

Table 22-19 actionsqueuedfunctionsrestore

Alarm	Attributes	Applicable major releases
Name: actionsqueuedfunctionsrestore (6266) Type: equipmentAlarm (3) Package: femto Raised on class: femto.HDMCluster	Severity: minor Implicitly cleared: true Default probable cause: thresholdCrossed (12)	<ul style="list-style-type: none"> LR14.2.SC
Description: The number of restore function queued		
Remedial action: See the nodal documentation for more information.		

Table 22-20 actionsqueuedfunctionsscheduleinform

Alarm	Attributes	Applicable major releases
Name: actionsqueuedfunctionsscheduleinform (6267) Type: equipmentAlarm (3) Package: femto Raised on class: femto.HDMCluster	Severity: minor Implicitly cleared: true Default probable cause: thresholdCrossed (12)	<ul style="list-style-type: none"> LR14.2.SC
Description: The number of .scheduleinform function queued		
Remedial action: See the nodal documentation for more information.		

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Table 22-21 actionsqueuedfunctionssetparameterattributes

Alarm	Attributes	Applicable major releases
Name: actionsqueuedfunctionssetparameterattributes (6268) Type: equipmentAlarm (3) Package: femto Raised on class: femto.HDMCluster	Severity: minor Implicitly cleared: true Default probable cause: thresholdCrossed (12)	<ul style="list-style-type: none"> LR14.2.SC
Description: The number of setparameterattributes function queued		
Remedial action: See the nodal documentation for more information.		

Table 22-22 actionsqueuedfunctionssetparametervalues

Alarm	Attributes	Applicable major releases
Name: actionsqueuedfunctionssetparametervalues (6269) Type: equipmentAlarm (3) Package: femto Raised on class: femto.HDMCluster	Severity: minor Implicitly cleared: true Default probable cause: thresholdCrossed (12)	<ul style="list-style-type: none"> LR14.2.SC
Description: The number of setparametervalues function queued		
Remedial action: See the nodal documentation for more information.		

Table 22-23 actionsqueuedfunctionssetvouchers

Alarm	Attributes	Applicable major releases
Name: actionsqueuedfunctionssetvouchers (6270) Type: equipmentAlarm (3) Package: femto Raised on class: femto.HDMCluster	Severity: minor Implicitly cleared: true Default probable cause: thresholdCrossed (12)	<ul style="list-style-type: none"> LR14.2.SC
Description: The number of setvouchers function queued		
Remedial action: See the nodal documentation for more information.		

Table 22-24 actionsqueuedfunctionssnmpgetparametervalues

Alarm	Attributes	Applicable major releases
Name: actionsqueuedfunctionssnmpgetparametervalues (6271) Type: equipmentAlarm (3) Package: femto Raised on class: femto.HDMCluster	Severity: minor Implicitly cleared: true Default probable cause: thresholdCrossed (12)	<ul style="list-style-type: none"> LR14.2.SC
Description: The number of snmpgetparametervalues function queued		
Remedial action: See the nodal documentation for more information.		

Table 22-25 actionsqueuedfunctionssnmpsetparametervalues

Alarm	Attributes	Applicable major releases
Name: actionsqueuedfunctionssnmpsetparametervalues (6272) Type: equipmentAlarm (3) Package: femto Raised on class: femto.HDMCluster	Severity: minor Implicitly cleared: true Default probable cause: thresholdCrossed (12)	<ul style="list-style-type: none"> LR14.2.SC
Description: The number of snmpsetparametervalues function queued		
Remedial action: See the nodal documentation for more information.		

Table 22-26 actionsucceeded

Alarm	Attributes	Applicable major releases
Name: actionsucceeded (6273) Type: equipmentAlarm (3) Package: femto Raised on class: femto.HDMCluster	Severity: minor Implicitly cleared: true Default probable cause: thresholdCrossed (12)	<ul style="list-style-type: none"> LR14.2.SC
Description: The number of action succeeded		
Remedial action: See the nodal documentation for more information.		

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Table 22-27 ActiveAbnormalCondition

Alarm	Attributes	Applicable major releases
Name: ActiveAbnormalCondition (3938) Type: activeAbnormalConditionAlarm (116) Package: netw Raised on class: netw.NetworkElement	Severity: major Implicitly cleared: true Default probable cause: ActiveAbnormalConditionState (1520)	<ul style="list-style-type: none"> LR14.2.SC
Description: The alarm is an indication for abnormal condition on NE.		
Raising condition: ('abnormalCondition' EQUAL 'true')		
Clearing condition: ('abnormalCondition' EQUAL 'false')		
Remedial action: This alarm is raised when there is a abnormal state indication on NE.		

Table 22-28 AGPS_agpsServiceFailure

Alarm	Attributes	Applicable major releases
Name: AGPS_agpsServiceFailure (5676) Type: processingErrorAlarm (81) Package: femto Raised on class: femto.AGPS	Severity: major Implicitly cleared: true Default probable cause: configurationOrCustomizationError (902)	<ul style="list-style-type: none"> LR14.2.SC
Description: Fault is raised if a failure is detected on the Assisted GPS Service		
Remedial action: NA		

Table 22-29 AGPS_noAGPSInfoinUEBasedAGPS

Alarm	Attributes	Applicable major releases
Name: AGPS_noAGPSInfoinUEBasedAGPS (5677) Type: integrityViolation (85) Package: femto Raised on class: femto.AGPS	Severity: major Implicitly cleared: true Default probable cause: informationMissing (792)	<ul style="list-style-type: none"> LR14.2.SC
Description: This fault is raised when the CN request a UE based AGPS positioning, and the Small Cell fails to get the AGPS from its AGPS caching proxy.If this happen, Small cell will not be able to forward any AGPS information to UE, and thus will not be able to perform AGPS based localization.		
Remedial action: NA		

Table 22-30 AGPS_notEnoughAGPSInfo

Alarm	Attributes	Applicable major releases
Name: AGPS_notEnoughAGPSInfo (5678) Type: integrityViolation (85) Package: femto Raised on class: femto.AGPS	Severity: minor Implicitly cleared: true Default probable cause: informationMissing (792)	<ul style="list-style-type: none"> LR14.2.SC
Description: This fault indicates that the number of GPS satellites for which navigations models are available to the iSMLC is insufficient. This impacts the iSMLC's capability to provide assistance data, if the error persists over a longer period of time. If insufficient amount of GPS navigation data is available, AGPS positioning MIGHT fail and consequently the positioning accuracy are compromised. The iSMLC continuously receives navigation models for less than 4 GPS satellites over a period of 10 minutes.		
Remedial action: NA		

Table 22-31 AGWDiameterPeerDown

Alarm	Attributes	Applicable major releases
Name: AGWDiameterPeerDown (844) Type: EpcAlarm (59) Package: lte Raised on class: lte.AGWDiameterPeer	Severity: variable Implicitly cleared: true Default probable cause: EPSPeerDown (602)	<ul style="list-style-type: none"> LR14.2.SC
Description: The alarm is raised when the path management state of a Diameter peer changes to a state other than Up.		
Raising condition: ('Path Diameter Management State' NOT EQUAL 'Active')		
Clearing condition: ('Path Diameter Management State' EQUAL 'Active')		
Remedial action: A Ga reference point (peer) is operationally down for one of the following reasons: the underlying IP or physical interface is down, the far end peer is down or the underlying transport between this NE and the peer NE is down. To resolve the issue ensure that the IP/physical interface is up, check that the far end peer is operational and check that the underlying transport network is up.		

Table 22-32 AuxiliaryServerStatus

Alarm	Attributes	Applicable major releases
Name: AuxiliaryServerStatus (311) Type: communicationsAlarm (4) Package: server Raised on class: server.AuxiliaryServer	Severity: critical Implicitly cleared: true Default probable cause: systemFailed (144)	<ul style="list-style-type: none"> LR14.2.SC
Description: The alarm is raised when a 5620 SAM main server cannot communicate with an auxiliary server. The alarm clears when communication is restored.		
Raising condition: ('Server Status' EQUAL 'Down')		
Clearing condition: ('Server Status' EQUAL 'Up')		
Remedial action: Informational - if the alarm persists or is occurring frequently then investigation is required to understand why the connectivity between the AUX and SAM servers is unreliable.		

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Table 22-33 BootableConfigBackupFailed

Alarm	Attributes	Applicable major releases
Name: BootableConfigBackupFailed (103) Type: configurationAlarm (11) Package: sw Raised on class: sw.BackupRestoreManager	Severity: major Implicitly cleared: true Default probable cause: fileTransferFailure (89)	<ul style="list-style-type: none"> LR14.2.SC
Description: The alarm is raised when the 5620 SAM fails to back up a set of NE configuration files.		
Raising condition: ('Backup State' EQUAL 'Failure')		
Clearing condition: ('Backup State' EQUAL 'Success')		
Remedial action: Investigation is required to resolve the following possible scenarios: insufficient disk space is available to accommodate the NE configuration files (additional SAM platform alarms will accompany this alarm); the NE is unreachable (including underlying transport network issue); loss of connectivity to the NE during transfer; the FTP daemon on the NE may have stopped; FTP security credential issues.		

Table 22-34 BootableConfigRestoreFailed

Alarm	Attributes	Applicable major releases
Name: BootableConfigRestoreFailed (104) Type: configurationAlarm (11) Package: sw Raised on class: sw.BackupRestoreManager	Severity: major Implicitly cleared: true Default probable cause: fileTransferFailure (89)	<ul style="list-style-type: none"> LR14.2.SC
Description: The alarm is raised when the 5620 SAM fails to restore a set of NE configuration files.		
Raising condition: ('Restore State' EQUAL 'Failure')		
Clearing condition: ('Restore State' EQUAL 'Success')		
Remedial action: Investigation is required to resolve the following possible scenarios: the NE is unreachable (including underlying transport network issue); loss of connectivity to the NE during transfer; the FTP daemon on the NE may have stopped; FTP security credential issues.		

Table 22-35 BootParametersMisconfigured

Alarm	Attributes	Applicable major releases
Name: BootParametersMisconfigured (35) Type: configurationAlarm (11) Package: netw Raised on class: netw.NetworkElement	Severity: critical Implicitly cleared: true Default probable cause: persistentIndexFailure (30) Applicable probable causes: <ul style="list-style-type: none"> persistentIndexFailure configFileBootFailure 	<ul style="list-style-type: none"> LR14.2.SC
Description: The alarm is raised when the SNMP Index Boot Status on an NE is not set to Persistent.		

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Alarm	Attributes	Applicable major releases
Raising condition: (('isGenericNode' EQUAL 'false') AND ('State' NOT EQUAL 'Pre-provisioned') AND (((('Config File Status' NOT EQUAL 'Executed Successfully') AND ('Config File Status' NOT EQUAL 'configFileStatus_unspecified')) OR (('Persistent Index Status' NOT EQUAL 'Rebuild Succeeded') AND ('Persistent Index Status' NOT EQUAL 'persistentIndexStatus_unspecified'))))		
Clearing condition: (('Config File Status' EQUAL 'Executed Successfully') AND ('Persistent Index Status' EQUAL 'Rebuild Succeeded'))		
Remedial action: Ensure that "SNMP Index Boot Status" is persistent (using cli command "show system information" on the NE). If not, unmanage the network element from SAM, ensure that "persist on" is set in the bof file, save the bof, save a config file, verify that an index file (.ndx) is saved as well, reboot the router, verify that SNMP Index Boot Status is persistent and finally remanage the router from SAM.		

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Table 22-36 BSR_agpsServiceUnavailable

Alarm	Attributes	Applicable major releases
Name: BSR_agpsServiceUnavailable (5803) Type: processingErrorAlarm (81) Package: femto Raised on class: femto.Femto	Severity: major Implicitly cleared: true Default probable cause: configurationOrCustomizationError (902)	<ul style="list-style-type: none"> LR14.2.SC
Description: This fault is raised if the AGPS Service is unavailable		
Remedial action: NA		

Table 22-37 BSR_allReservedFemtoCellsInUse

Alarm	Attributes	Applicable major releases
Name: BSR_allReservedFemtoCellsInUse (5804) Type: operationalViolation (93) Package: femto Raised on class: femto.Femto	Severity: minor Implicitly cleared: true Default probable cause: underlyingResourceUnavailable (724)	<ul style="list-style-type: none"> LR14.2.SC
Description: Neighbour determination mechanisms have discovered that all Femto reserved scrambling codes in the neighbourhood of the H-BSR are in use. This is due to Insufficient reserved PSC for the deployment scenario.		
Remedial action: NA		

Table 22-38 BSR_applicationInsane

Alarm	Attributes	Applicable major releases
Name: BSR_applicationInsane (5805) Type: processingErrorAlarm (81) Package: femto Raised on class: femto.Femto	Severity: critical Implicitly cleared: true Default probable cause: softwareProgramError (720)	<ul style="list-style-type: none"> LR14.2.SC

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Alarm	Attributes	Applicable major releases
Description: Application software is not functioning properly. - This is raised for persistent audit failures.		
Remedial action: NA		

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Table 22-39 BSR_autoconfigfailure

Alarm	Attributes	Applicable major releases
Name: BSR_autoconfigfailure (5806) Type: operationalViolation (93) Package: femto Raised on class: femto.Femto	Severity: major Implicitly cleared: true Default probable cause: applicationSubsystemFailure (689)	<ul style="list-style-type: none"> LR14.2.SC
Description: Auto-configuration failure.		
Remedial action: NA		

Table 22-40 BSR_basebandReconfigfailed

Alarm	Attributes	Applicable major releases
Name: BSR_basebandReconfigfailed (5808) Type: processingErrorAlarm (81) Package: femto Raised on class: femto.Femto	Severity: critical Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> LR14.2.SC
Description: Reconfiguration of the baseband array is failed.		
Remedial action: NA		

Table 22-41 BSR_bCHGuardTimeExpired

Alarm	Attributes	Applicable major releases
Name: BSR_bCHGuardTimeExpired (5807) Type: processingErrorAlarm (81) Package: femto Raised on class: femto.Femto	Severity: minor Implicitly cleared: true Default probable cause: unspecifiedReason (802)	<ul style="list-style-type: none"> LR14.2.SC
Description: BCH Decode guard timer has expired.		
Remedial action: NA		

Table 22-42 BSR_bsrlidClash

Alarm	Attributes	Applicable major releases
Name: BSR_bsrlidClash (5809) Type: operationalViolation (93) Package: femto Raised on class: femto.Femto	Severity: major Implicitly cleared: true Default probable cause: configurationOrCustomizationError (902)	<ul style="list-style-type: none"> LR14.2.SC
Description: This fault is generated when the BSR-Id is already used by another BSR.		
Remedial action: NA		

Table 22-43 BSR_cellBroadcastOverload

Alarm	Attributes	Applicable major releases
Name: BSR_cellBroadcastOverload (5810) Type: qualityOfServiceAlarm (82) Package: femto Raised on class: femto.Femto	Severity: minor Implicitly cleared: true Default probable cause: resourceAtOrNearingCapacity (715)	<ul style="list-style-type: none"> LR14.2.SC
Description: This fault is raised when CBS messages are rejected due to CBS Admission Control.		
Remedial action: NA		

Table 22-44 BSR_cellSearchGuardTimeExpired

Alarm	Attributes	Applicable major releases
Name: BSR_cellSearchGuardTimeExpired (5811) Type: processingErrorAlarm (81) Package: femto Raised on class: femto.Femto	Severity: minor Implicitly cleared: true Default probable cause: unspecifiedReason (802)	<ul style="list-style-type: none"> LR14.2.SC
Description: Cell Search function guard timer has expired.		
Remedial action: NA		

Table 22-45 BSR_conflictingCIO

Alarm	Attributes	Applicable major releases
Name: BSR_conflictingCIO (5812) Type: processingErrorAlarm (81) Package: femto Raised on class: femto.Femto	Severity: warning Implicitly cleared: true Default probable cause: configurationOrCustomizationError (902)	<ul style="list-style-type: none"> LR14.2.SC

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Alarm	Attributes	Applicable major releases
Description: This fault is raised when there are multiple neighbour cells which cannot be uniquely identified in UE measurement reports for which different values of Cell Individual Offset will be applied. This shall apply for 3G neighbour cells when there is ARFCN/PSC reuse and 2G neighbour cells where there is ARFCN reuse without BSIC used to identify the cell. This warning shall be automatically cleared when conflicting CIO condition no longer exists.		
Remedial action: NA		

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Table 22-46 BSR_conflictingQoffset

Alarm	Attributes	Applicable major releases
Name: BSR_conflictingQoffset (5813) Type: processingErrorAlarm (81) Package: femto Raised on class: femto.Femto	Severity: warning Implicitly cleared: true Default probable cause: configurationOrCustomizationError (902)	<ul style="list-style-type: none"> LR14.2.SC
Description: This fault is raised when there are multiple neighbour cells which cannot be uniquely identified for which different values of Qoffset have been configured. This shall apply for 3G neighbour cells when there is ARFCN/PSC reuse. This warning shall be automatically cleared when conflicting offset condition no longer exists.		
Remedial action: NA		

Table 22-47 BSR_creationOfSecondSAFailed

Alarm	Attributes	Applicable major releases
Name: BSR_creationOfSecondSAFailed (5814) Type: operationalViolation (93) Package: femto Raised on class: femto.Femto	Severity: minor Implicitly cleared: true Default probable cause: configurationOrCustomizationError (902)	<ul style="list-style-type: none"> LR14.2.SC
Description: The creation of the second Child SA on 1st IPsec tunnel failed. Femto BSR goes to disabled/degraded state. This fault can be cleared by a local or remote Femto BSR reset or if the IPsec tunnel #1 will be established during a fault handling procedure; i.e. handling of IPsec Tunnel down.		
Remedial action: NA		

Table 22-48 BSR_detectedCollapsingLAI

Alarm	Attributes	Applicable major releases
Name: BSR_detectedCollapsingLAI (5815) Type: processingErrorAlarm (81) Package: femto Raised on class: femto.Femto	Severity: critical Implicitly cleared: true Default probable cause: configurationOrCustomizationError (902)	<ul style="list-style-type: none"> LR14.2.SC
Description: LAI value conflicts with another one in use already.		

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Alarm	Attributes	Applicable major releases
Remedial action: NA		

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Table 22-49 BSR_deviceAuthenticationFailure

Alarm	Attributes	Applicable major releases
Name: BSR_deviceAuthenticationFailure (5816) Type: securityServiceOrMechanismViolation (92) Package: femto Raised on class: femto.Femto	Severity: critical Implicitly cleared: true Default probable cause: authenticationFailure (786)	<ul style="list-style-type: none"> LR14.2.SC
Description: This fault is raised if device authentication fails.		
Remedial action: NA		

Table 22-50 BSR_frequencyOutOfSync

Alarm	Attributes	Applicable major releases
Name: BSR_frequencyOutOfSync (5817) Type: equipmentAlarm (3) Package: femto Raised on class: femto.Femto	Severity: critical Implicitly cleared: true Default probable cause: lossOfSynchronisation (2444)	<ul style="list-style-type: none"> LR14.2.SC
Description: Alarm triggered when frequency goes out of sync		
Remedial action: NA		

Table 22-51 BSR_gatewayConnectivityProblemsStandbyNode

Alarm	Attributes	Applicable major releases
Name: BSR_gatewayConnectivityProblemsStandbyNode (5819) Type: operationalViolation (93) Package: femto Raised on class: femto.Femto	Severity: major Implicitly cleared: true Default probable cause: unspecifiedReason (802)	<ul style="list-style-type: none"> LR14.2.SC
Description: This fault is raised if the number of times the connection to the standby node has been dropped exceeds the defined threshold over the PM granularity period.		
Remedial action: NA		

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Table 22-52 BSR_gatewayConnectivityProblemsStandbyNode

Alarm	Attributes	Applicable major releases
Name: BSR_gatewayConnectivityProblemsStandbyNode (5820) Type: operationalViolation (93) Package: femto Raised on class: femto.Femto	Severity: major Implicitly cleared: true Default probable cause: unspecifiedReason (802)	<ul style="list-style-type: none"> LR14.2.SC
Description: This fault is raised if the number of times the connection to the standby node has been dropped exceeds the defined threshold over the PM granularity period.		
Remedial action: NA		

Table 22-53 BSR_gGSNselectionFailure

Alarm	Attributes	Applicable major releases
Name: BSR_gGSNselectionFailure (5818) Type: processingErrorAlarm (81) Package: femto Raised on class: femto.Femto	Severity: minor Implicitly cleared: true Default probable cause: configurationOrCustomizationError (902)	<ul style="list-style-type: none"> LR14.2.SC
Description: This fault is raised if PDP Context Activation attempt by UE that received GGSN selection support resulted in a PDP Context Rejection by the SGSN. Likely invalid Replacement APN configured in attribute BSR::gGSNselectionReplacementAPN.		
Remedial action: NA		

Table 22-54 BSR_gsmBandNotSupported

Alarm	Attributes	Applicable major releases
Name: BSR_gsmBandNotSupported (5822) Type: equipmentAlarm (3) Package: femto Raised on class: femto.Femto	Severity: critical Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> LR14.2.SC
Description: Hardware is not compatible with the gsm band configured.		
Remedial action: NA		

Table 22-55 BSR_gsmBCCHDecodeGuardTimerExpired

Alarm	Attributes	Applicable major releases
Name: BSR_gsmBCCHDecodeGuardTimerExpired (5821) Type: processingErrorAlarm (81) Package: femto Raised on class: femto.Femto	Severity: minor Implicitly cleared: true Default probable cause: unspecifiedReason (802)	<ul style="list-style-type: none"> LR14.2.SC
Description: BCCH Decode guard timer has expired for 2G Network Listening (Baseband based).		
Remedial action: NA		

Table 22-56 BSR_gsmCellSearchGuardTimerExpired

Alarm	Attributes	Applicable major releases
Name: BSR_gsmCellSearchGuardTimerExpired (5823) Type: processingErrorAlarm (81) Package: femto Raised on class: femto.Femto	Severity: minor Implicitly cleared: true Default probable cause: unspecifiedReason (802)	<ul style="list-style-type: none"> LR14.2.SC
Description: Cell Search function guard timer has expired for 2G Network Listening (Baseband based).		
Remedial action: NA		

Table 22-57 BSR_gsmThresholdCriteriaNotMet

Alarm	Attributes	Applicable major releases
Name: BSR_gsmThresholdCriteriaNotMet (5824) Type: processingErrorAlarm (81) Package: femto Raised on class: femto.Femto	Severity: minor Implicitly cleared: true Default probable cause: unspecifiedReason (802)	<ul style="list-style-type: none"> LR14.2.SC
Description: The threshold criteria for detection of gsm cells has not been met and this has resulted in an open search for more cells.		
Remedial action: NA		

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Table 22-58 BSR_gTPULocalPortWCDMAFailure

Alarm	Attributes	Applicable major releases
Name: BSR_gTPULocalPortWCDMAFailure (8169) Type: communicationsAlarm (4) Package: femto Raised on class: femto.Femto	Severity: major Implicitly cleared: true Default probable cause: configurationOrCustomizationError (902)	<ul style="list-style-type: none"> LR14.2.SC
Description: This fault is sent when the MS-MCI AP fails to use the local GTP-U port defined by attribute BSR:gTPULocalPortWCDMA.		
Remedial action: NA		

Table 22-59 BSR_hostingPartyAuthenticationFailure

Alarm	Attributes	Applicable major releases
Name: BSR_hostingPartyAuthenticationFailure (5825) Type: securityServiceOrMechanismViolation (92) Package: femto Raised on class: femto.Femto	Severity: critical Implicitly cleared: true Default probable cause: authenticationFailure (786)	<ul style="list-style-type: none"> LR14.2.SC
Description: This fault is raised if hosting party authentication fails.		
Remedial action: NA		

Table 22-60 BSR_hsimNotPresent

Alarm	Attributes	Applicable major releases
Name: BSR_hsimNotPresent (5826) Type: securityServiceOrMechanismViolation (92) Package: femto Raised on class: femto.Femto	Severity: critical Implicitly cleared: true Default probable cause: otherSecurityService (2445)	<ul style="list-style-type: none"> LR14.2.SC
Description: This fault is raised if no HSIM is present on the UICC and the SecGW requires Hosting Party authentication.		
Remedial action: NA		

Table 22-61 BSR_invalidDatabaseDetected

Alarm	Attributes	Applicable major releases
Name: BSR_invalidDatabaseDetected (5827) Type: operationalViolation (93) Package: femto Raised on class: femto.Femto	Severity: major Implicitly cleared: true Default probable cause: configurationOrCustomizationError (902)	<ul style="list-style-type: none"> LR14.2.SC
Description: The BSR detects an invalid database e.g. due to a consistency error.		
Remedial action: NA		

Table 22-62 BSR_invalidMocnConfiguration

Alarm	Attributes	Applicable major releases
Name: BSR_invalidMocnConfiguration (5828) Type: operationalViolation (93) Package: femto Raised on class: femto.Femto	Severity: major Implicitly cleared: true Default probable cause: configurationOrCustomizationError (902)	<ul style="list-style-type: none"> LR14.2.SC
Description: This fault is raised when default operator is not configured when required to select MOCN operator for nonsupporting UE. Alarm data shall include 'Neighbour cells not found' when mocnOperatorSelection is set to 'macroPLMN' and macro cells are not detected and default MOCN operator is not configured.		
Remedial action: NA		

Table 22-63 BSR_ipsecConfigurationAlarm

Alarm	Attributes	Applicable major releases
Name: BSR_ipsecConfigurationAlarm (5829) Type: operationalViolation (93) Package: femto Raised on class: femto.Femto	Severity: minor Implicitly cleared: true Default probable cause: configurationOrCustomizationError (902)	<ul style="list-style-type: none"> LR14.2.SC
Description: The Femto BSR detected a SW-incompatibility on IPsec Router for the requested IPsec configuration. Femto BSR goes to disabled/degraded state. This fault can be cleared by a local or remote Femto BSR reset or if the IPsec tunnel #1 will be established during a fault handling procedure; i.e. handling of IPsec Tunnel down.		
Remedial action: NA		

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Table 22-64 BSR_ipsecTunnelAlarm

Alarm	Attributes	Applicable major releases
Name: BSR_ipsecTunnelAlarm (5830) Type: operationalViolation (93) Package: femto Raised on class: femto.Femto	Severity: critical Implicitly cleared: true Default probable cause: configurationOrCustomizationError (902)	<ul style="list-style-type: none"> LR14.2.SC
Description: The establishment of 2nd IPSec tunnel failed, or 2nd IPsec tunnel goes down. Femto BSR goes to disabled/failed state but OA&M is still active. This fault can be cleared after a successful tunnel establishment during a fault handling procedure.		
Remedial action: NA		

Table 22-65 BSR_ipsecTunnelFailureNoResponse

Alarm	Attributes	Applicable major releases
Name: BSR_ipsecTunnelFailureNoResponse (5831) Type: communicationsAlarm (4) Package: femto Raised on class: femto.Femto	Severity: major Implicitly cleared: true Default probable cause: responseTimeExcessive (716)	<ul style="list-style-type: none"> LR14.2.SC
Description: This fault is raised if the Femto BSR did not receive a response to IKE_INIT or IKE_AUTH, if Dead Peer Detection (DPD) encountered an unresponsive SeGW, or if the Femto BSR could not resolve the SeGW FQDN to an IP address (when/if FQDN was used).		
Remedial action: NA		

Table 22-66 BSR_ipsecTunnelFailureUnknownCause

Alarm	Attributes	Applicable major releases
Name: BSR_ipsecTunnelFailureUnknownCause (5832) Type: processingErrorAlarm (81) Package: femto Raised on class: femto.Femto	Severity: major Implicitly cleared: true Default probable cause: unspecifiedReason (802)	<ul style="list-style-type: none"> LR14.2.SC
Description: This fault indicates a failure to connect to the SeGW which could not be classified. It is used only if none of the more specific error types is suitable. Additional alarm text could be provided to qualify the fault.		
Remedial action: NA		

Table 22-67 BSR_isolatedCellOverlapped

Alarm	Attributes	Applicable major releases
Name: BSR_isolatedCellOverlapped (5833) Type: processingErrorAlarm (81) Package: femto Raised on class: femto.Femto	Severity: major Implicitly cleared: true Default probable cause: configurationOrCustomizationError (902)	<ul style="list-style-type: none"> LR14.2.SC
Description: If the isolated cell detects any other isolated cells or Femtos, this fault is raised to indicate an overlap with at least another cell.		
Remedial action: NA		

Table 22-68 BSR_ImcFailure

Alarm	Attributes	Applicable major releases
Name: BSR_ImcFailure (5834) Type: equipmentAlarm (3) Package: femto Raised on class: femto.Femto	Severity: critical Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> LR14.2.SC
Description: This fault is created when either or all of the Location, Movement and National Location Lock check failed.		
Remedial action: NA		

Table 22-69 BSR_lossOfSyncSourceGps

Alarm	Attributes	Applicable major releases
Name: BSR_lossOfSyncSourceGps (5835) Type: equipmentAlarm (3) Package: femto Raised on class: femto.Femto	Severity: critical Implicitly cleared: true Default probable cause: synchronizationSourceMismatch (638)	<ul style="list-style-type: none"> LR14.2.SC
Description: Alarm triggered when sync source is lost via GPS		
Remedial action: NA		

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Table 22-70 BSR_lossOfSyncSourceNtp

Alarm	Attributes	Applicable major releases
Name: BSR_lossOfSyncSourceNtp (5836) Type: equipmentAlarm (3) Package: femto Raised on class: femto.Femto	Severity: critical Implicitly cleared: true Default probable cause: synchronizationSourceMismatch (638)	<ul style="list-style-type: none"> LR14.2.SC
Description: Alarm triggered when sync source is lost via NTP		
Remedial action: NA		

Table 22-71 BSR_lteServiceUnavailable

Alarm	Attributes	Applicable major releases
Name: BSR_lteServiceUnavailable (5837) Type: qualityOfServiceAlarm (82) Package: femto Raised on class: femto.Femto	Severity: critical Implicitly cleared: true Default probable cause: applicationSubsystemFailure (689)	<ul style="list-style-type: none"> LR14.2.SC
Description: This fault is created when the one or more 4G subsystems have some unrecoverable error or failed.		
Remedial action: NA		

Table 22-72 BSR_misConfigurationWarmStandby

Alarm	Attributes	Applicable major releases
Name: BSR_misConfigurationWarmStandby (5838) Type: operationalViolation (93) Package: femto Raised on class: femto.Femto	Severity: major Implicitly cleared: true Default probable cause: configurationOrCustomizationError (902)	<ul style="list-style-type: none"> LR14.2.SC
Description: This fault is raised if the IP addresses and warm standby feature are configured in an inconsistent fashion (e.g. using Active warm standby feature on Femto with the floating IP address configured).		
Remedial action: NA		

Table 22-73 BSR_noCarrierSelected

Alarm	Attributes	Applicable major releases
Name: BSR_noCarrierSelected (5839) Type: operationalViolation (93) Package: femto Raised on class: femto.Femto	Severity: critical Implicitly cleared: true Default probable cause: configurationOrCustomizationError (902)	<ul style="list-style-type: none"> LR14.2.SC
Description: The fault is raised when no carrier for the FBSR can be selected under different situations, which are detailed in AdditionalText.		
Remedial action: NA		

Table 22-74 BSR_noMacroCellFound

Alarm	Attributes	Applicable major releases
Name: BSR_noMacroCellFound (5840) Type: processingErrorAlarm (81) Package: femto Raised on class: femto.Femto	Severity: critical Implicitly cleared: true Default probable cause: unspecifiedReason (802)	<ul style="list-style-type: none"> LR14.2.SC
Description: This fault is raised if no macro cells were found and dynamic LAC-SAC is enabled and there is no provisioning to fallback on.		
Remedial action: NA		

Table 22-75 BSR_ntpDrift

Alarm	Attributes	Applicable major releases
Name: BSR_ntpDrift (5841) Type: equipmentAlarm (3) Package: femto Raised on class: femto.Femto	Severity: major Implicitly cleared: true Default probable cause: timingProblem (903)	<ul style="list-style-type: none"> LR14.2.SC
Description: This fault is raised when either forward or backward NTP drift is greater than one minute.		
Remedial action: Adjust the NTP drift.		

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Table 22-76 BSR_queueOverload

Alarm	Attributes	Applicable major releases
Name: BSR_queueOverload (5842) Type: qualityOfServiceAlarm (82) Package: femto Raised on class: femto.Femto	Severity: major Implicitly cleared: true Default probable cause: resourceAtOrNearingCapacity (715)	<ul style="list-style-type: none"> LR14.2.SC
Description: This is reported when no free paging occasion is found for scheduling a paging record.		
Remedial action: NA		

Table 22-77 BSR_resetCompleted

Alarm	Attributes	Applicable major releases
Name: BSR_resetCompleted (5843) Type: processingErrorAlarm (81) Package: femto Raised on class: femto.Femto	Severity: warning Implicitly cleared: true Default probable cause: unspecifiedReason (802)	<ul style="list-style-type: none"> LR14.2.SC
Description: This fault is generated when a reset was successfully performed and BSR is 'stable' for a certain time after the reset.		
Remedial action: NA		

Table 22-78 BSR_resetFailed

Alarm	Attributes	Applicable major releases
Name: BSR_resetFailed (5844) Type: processingErrorAlarm (81) Package: femto Raised on class: femto.Femto	Severity: minor Implicitly cleared: true Default probable cause: unspecifiedReason (802)	<ul style="list-style-type: none"> LR14.2.SC
Description: This fault is generated when the reset action is failed by platform.		
Remedial action: NA		

Table 22-79 BSR_resetInitiated

Alarm	Attributes	Applicable major releases
Name: BSR_resetInitiated (5845) Type: processingErrorAlarm (81) Package: femto Raised on class: femto.Femto	Severity: warning Implicitly cleared: true Default probable cause: unspecifiedReason (802)	<ul style="list-style-type: none"> LR14.2.SC

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Alarm	Attributes	Applicable major releases
Description: This fault is generated short before the BSR resets (reset will be delayed for a few seconds). It contains the reset cause 'manually initiated' or 'autonomously initiated'.		
Remedial action: NA		

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Table 22-80 BSR_sameLaRaMacroAutoConfigFail

Alarm	Attributes	Applicable major releases
Name: BSR_sameLaRaMacroAutoConfigFail (5846) Type: operationalViolation (93) Package: femto Raised on class: femto.Femto	Severity: major Implicitly cleared: true Default probable cause: unspecifiedReason (802)	<ul style="list-style-type: none"> LR14.2.SC
Description: This fault is raised if the same LAC/RAC Macro auto configuration fails, but the BSR Femto remains in service.		
Remedial action: NA		

Table 22-81 BSR_sameLaRaMacroAutoConfigFailOutOfService

Alarm	Attributes	Applicable major releases
Name: BSR_sameLaRaMacroAutoConfigFailOutOfService (5847) Type: operationalViolation (93) Package: femto Raised on class: femto.Femto	Severity: critical Implicitly cleared: true Default probable cause: configurationOrCustomizationError (902)	<ul style="list-style-type: none"> LR14.2.SC
Description: This fault is raised if the Femto BSR has been configured to set its LAC/RAC from the macro cell and the BSR cannot find one and results in the BSR Femto being taken out of service.		
Remedial action: NA		

Table 22-82 BSR_securityViolation

Alarm	Attributes	Applicable major releases
Name: BSR_securityViolation (5848) Type: securityServiceOrMechanismViolation (92) Package: femto Raised on class: femto.Femto	Severity: critical Implicitly cleared: true Default probable cause: unauthorizedAccessAttempt (800)	<ul style="list-style-type: none"> LR14.2.SC
Description: This fault is created when the BSR-OAM detects an un-authorized interface access of BSR.		
Remedial action: NA		

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Table 22-83 BSR_selfoptNotRun

Alarm	Attributes	Applicable major releases
Name: BSR_selfoptNotRun (5849) Type: operationalViolation (93) Package: femto Raised on class: femto.Femto	Severity: minor Implicitly cleared: true Default probable cause: underlyingResourceUnavailable (724)	<ul style="list-style-type: none"> LR14.2.SC
Description: Self optimization has not been run during the quiet period allotted as active calls present.		
Remedial action: NA		

Table 22-84 BSR_softwareCompatibilityError

Alarm	Attributes	Applicable major releases
Name: BSR_softwareCompatibilityError (5850) Type: processingErrorAlarm (81) Package: femto Raised on class: femto.Femto	Severity: minor Implicitly cleared: true Default probable cause: configurationOrCustomizationError (902)	<ul style="list-style-type: none"> LR14.2.SC
Description: BSR has received an Error Indication in BSRAP protocol.		
Remedial action: NA		

Table 22-85 BSR_spareBSRAAlarm1

Alarm	Attributes	Applicable major releases
Name: BSR_spareBSRAAlarm1 (8170) Type: processingErrorAlarm (81) Package: femto Raised on class: femto.Femto	Severity: critical Implicitly cleared: true Default probable cause: unspecifiedReason (802)	<ul style="list-style-type: none"> LR14.2.SC
Description: Spare alarm 1		
Remedial action: NA		

Table 22-86 BSR_spareBSRAAlarm2

Alarm	Attributes	Applicable major releases
Name: BSR_spareBSRAAlarm2 (8171) Type: processingErrorAlarm (81) Package: femto Raised on class: femto.Femto	Severity: critical Implicitly cleared: true Default probable cause: unspecifiedReason (802)	<ul style="list-style-type: none"> LR14.2.SC

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Alarm	Attributes	Applicable major releases
Description: Spare alarm 2		
Remedial action: NA		

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Table 22-87 BSR_spareBSRArm3

Alarm	Attributes	Applicable major releases
Name: BSR_spareBSRArm3 (8172) Type: processingErrorAlarm (81) Package: femto Raised on class: femto.Femto	Severity: major Implicitly cleared: true Default probable cause: unspecifiedReason (802)	<ul style="list-style-type: none"> LR14.2.SC
Description: Spare alarm 3		
Remedial action: NA		

Table 22-88 BSR_systemOverload

Alarm	Attributes	Applicable major releases
Name: BSR_systemOverload (5851) Type: qualityOfServiceAlarm (82) Package: femto Raised on class: femto.Femto	Severity: major Implicitly cleared: true Default probable cause: resourceAtOrNearingCapacity (715)	<ul style="list-style-type: none"> LR14.2.SC
Description: This fault is raised for CPU overload and Memory overload.		
Remedial action: NA		

Table 22-89 BSR_tamperDetected

Alarm	Attributes	Applicable major releases
Name: BSR_tamperDetected (5852) Type: securityServiceOrMechanismViolation (92) Package: femto Raised on class: femto.Femto	Severity: critical Implicitly cleared: true Default probable cause: unauthorizedAccessAttempt (800)	<ul style="list-style-type: none"> LR14.2.SC
Description: This fault is raised if tampering access has been detected by the Femto BSR.		
Remedial action: NA		

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Table 22-90 BSR_thresholdCriteriaNotMet

Alarm	Attributes	Applicable major releases
Name: BSR_thresholdCriteriaNotMet (5853) Type: processingErrorAlarm (81) Package: femto Raised on class: femto.Femto	Severity: minor Implicitly cleared: true Default probable cause: unspecifiedReason (802)	<ul style="list-style-type: none"> LR14.2.SC
Description: The threshold criteria for detection of cells has not been met and this has resulted in an open search for more cells.		
Remedial action: NA		

Table 22-91 BSR_timeOutOfSync

Alarm	Attributes	Applicable major releases
Name: BSR_timeOutOfSync (5854) Type: equipmentAlarm (3) Package: femto Raised on class: femto.Femto	Severity: critical Implicitly cleared: true Default probable cause: lossOfSynchronisation (2444)	<ul style="list-style-type: none"> LR14.2.SC
Description: Alarm triggered when time goes out of sync as a result of failing to synchronize with timing source.		
Remedial action: NA		

Table 22-92 BSR_txPowerConfigurationWarning

Alarm	Attributes	Applicable major releases
Name: BSR_txPowerConfigurationWarning (5855) Type: qualityOfServiceAlarm (82) Package: femto Raised on class: femto.Femto	Severity: minor Implicitly cleared: true Default probable cause: thresholdCrossed (12)	<ul style="list-style-type: none"> LR14.2.SC
Description: This fault is raised if a BSR spends greater than thrJCOOverload percent of time at reduced power output.		
Remedial action: NA		

Table 22-93 BSR_txPowerLimitReached

Alarm	Attributes	Applicable major releases
Name: BSR_txPowerLimitReached (5856) Type: qualityOfServiceAlarm (82) Package: femto Raised on class: femto.Femto	Severity: minor Implicitly cleared: true Default probable cause: thresholdCrossed (12)	<ul style="list-style-type: none"> LR14.2.SC

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Alarm	Attributes	Applicable major releases
Description: This fault is raised if a BSR calculates that a power change required as part of JCO algorithm would make the Femto operate outside of its configured Tx Power limits.		
Remedial action: NA		

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Table 22-94 BSR_umtsBandNotSupported

Alarm	Attributes	Applicable major releases
Name: BSR_umtsBandNotSupported (5857) Type: equipmentAlarm (3) Package: femto Raised on class: femto.Femto	Severity: critical Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> LR14.2.SC
Description: Hardware is not compatible with the umts band configured.		
Remedial action: NA		

Table 22-95 BSR_unknownTimeOfDay

Alarm	Attributes	Applicable major releases
Name: BSR_unknownTimeOfDay (5858) Type: processingErrorAlarm (81) Package: femto Raised on class: femto.Femto	Severity: major Implicitly cleared: true Default probable cause: unspecifiedReason (802)	<ul style="list-style-type: none"> LR14.2.SC
Description: This fault is raised if following a reset the FemtoBSR is able to establish a connection to the Mobile Operator's network but is unable to set the time of day from the SNTP server. It is also raised if the FemtoBSR is able to set the time of day, but is subsequently unable to update it from the SNTP server for a period of 7 days.		
Remedial action: NA		

Table 22-96 BSR_wcdmaServiceUnavailable

Alarm	Attributes	Applicable major releases
Name: BSR_wcdmaServiceUnavailable (5859) Type: qualityOfServiceAlarm (82) Package: femto Raised on class: femto.Femto	Severity: critical Implicitly cleared: true Default probable cause: applicationSubsystemFailure (689)	<ul style="list-style-type: none"> LR14.2.SC
Description: This fault is created when the one or more 3G subsystems have some unrecoverable error or failed.		
Remedial action: NA		

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Table 22-97 BSRLinkloss

Alarm	Attributes	Applicable major releases
Name: BSRLinkloss (8173) Type: communicationsAlarm (4) Package: femto Raised on class: femto.Femto	Severity: critical Implicitly cleared: true Default probable cause: communicationsSubsystemFailure (915)	<ul style="list-style-type: none"> LR14.2.SC
Description: Loss of supervision		
Remedial action: NA		

Table 22-98 BSRSubscriberTraceConfig_subscriberTraceRecordingSessionFailure

Alarm	Attributes	Applicable major releases
Name: BSRSubscriberTraceConfig_subscriberTraceRecordingSessionFailure (5801) Type: processingErrorAlarm (81) Package: femto Raised on class: femto.FemtoSubscriberTraceConfig	Severity: critical Implicitly cleared: true Default probable cause: unspecifiedReason (802)	<ul style="list-style-type: none"> LR14.2.SC
Description: Failure to start a trace recording session due to any problem.		
Remedial action: See the nodal documentation for more information.		

Table 22-99 BSRSubscriberTraceConfig_subscriberTraceUploadFailure

Alarm	Attributes	Applicable major releases
Name: BSRSubscriberTraceConfig_subscriberTraceUploadFailure (5802) Type: communicationsAlarm (4) Package: femto Raised on class: femto.FemtoSubscriberTraceConfig	Severity: warning Implicitly cleared: true Default probable cause: responseTimeExcessive (716)	<ul style="list-style-type: none"> LR14.2.SC
Description: Failure to transferring SubscriberTrace files even after retries.		
Remedial action: See the nodal documentation for more information.		

Table 22-100 CECTL_layer1CommunicationFailure

Alarm	Attributes	Applicable major releases
Name: CECTL_layer1CommunicationFailure (5881) Type: equipmentAlarm (3) Package: femto Raised on class: femto.CECTL	Severity: major Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> LR14.2.SC
Description: Layer1 fails to respond.		
Remedial action: NA		

Table 22-101 CECTL_layerOneResetFailure

Alarm	Attributes	Applicable major releases
Name: CECTL_layerOneResetFailure (5882) Type: equipmentAlarm (3) Package: femto Raised on class: femto.CECTL	Severity: major Implicitly cleared: true Default probable cause: unspecifiedReason (802)	<ul style="list-style-type: none"> LR14.2.SC
Description: Reset of layer one failed.		
Remedial action: NA		

Table 22-102 CECTL_picoArrayCommunicationFailure

Alarm	Attributes	Applicable major releases
Name: CECTL_picoArrayCommunicationFailure (5883) Type: equipmentAlarm (3) Package: femto Raised on class: femto.CECTL	Severity: major Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> LR14.2.SC
Description: Picoarray fails to respond.		
Remedial action: NA		

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Table 22-103 CertificateEnrollment_certificateEnrollmentFailure

Alarm	Attributes	Applicable major releases
Name: CertificateEnrollment_certificateEnrollmentFailure (8174) Type: processingErrorAlarm (81) Package: femto Raised on class: femto.CertificateEnrollment	Severity: major Implicitly cleared: true Default probable cause: configurationOrCustomizationError (902)	<ul style="list-style-type: none"> LR14.2.SC
Description: CMPv2 enrolment to operator PKI failed		
Remedial action: NA		

Table 22-104 CertificateEnrolment_certificateEnrolmentFailure

Alarm	Attributes	Applicable major releases
Name: CertificateEnrolment_certificateEnrolmentFailure (8175) Type: processingErrorAlarm (81) Package: femto Raised on class: femto.CertificateEnrolment	Severity: major Implicitly cleared: true Default probable cause: configurationOrCustomizationError (902)	<ul style="list-style-type: none"> LR14.2.SC
Description: CMPv2 enrolment to operator PKI failed		
Remedial action: NA		

Table 22-105 ClientDelegateServerStatus

Alarm	Attributes	Applicable major releases
Name: ClientDelegateServerStatus (731) Type: communicationsAlarm (4) Package: server Raised on class: server.ClientDelegateServer	Severity: critical Implicitly cleared: true Default probable cause: systemFailed (144)	<ul style="list-style-type: none"> LR14.2.SC
Description: The alarm is raised when a client delegate server is unreachable.		
Raising condition: ('Server Status' EQUAL 'Down')		
Clearing condition: ('Server Status' EQUAL 'Up')		
Remedial action: Informational - if the alarm persists or is occurring frequently then investigation is required to understand why the connectivity between the client delegate platform and SAM servers is unreliable or the client delegate server itself is unreliable.		

Table 22-106 ContainingEquipmentAdministrativelyDown

Alarm	Attributes	Applicable major releases
Name: ContainingEquipmentAdministrativelyDown (466) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.Port	Severity: minor Implicitly cleared: true Default probable cause: containingEquipmentAdministrativelyDown (330)	<ul style="list-style-type: none"> LR14.2.SC
Description: The alarm is raised when the compositeEquipmentState attribute has a value of containingEquipmentAdministrativelyDown.		
Raising condition: (('Status' EQUAL 'Parent Admin Down') AND ('isTerminatable' EQUAL 'true'))		
Clearing condition: (('Status' NOT EQUAL 'Parent Admin Down') OR ('isTerminatable' NOT EQUAL 'true'))		
Remedial action: Informational - no corrective action required.		

Table 22-107 ContainingEquipmentMismatch

Alarm	Attributes	Applicable major releases
Name: ContainingEquipmentMismatch (464) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.Port	Severity: major Implicitly cleared: true Default probable cause: containingEquipmentMismatch (328)	<ul style="list-style-type: none"> LR14.2.SC
Description: The alarm is raised when the compositeEquipmentState attribute has a value of containingEquipmentMismatch.		
Raising condition: (('Status' EQUAL 'Parent Type Mismatch') AND ('isTerminatable' EQUAL 'true'))		
Clearing condition: (('Status' NOT EQUAL 'Parent Type Mismatch') OR ('isTerminatable' NOT EQUAL 'true'))		
Remedial action: A configuration error has occurred which must be corrected. The card type configured for the slot identified in the alarm must match the installed card type.		

Table 22-108 ContainingEquipmentOperationallyDown

Alarm	Attributes	Applicable major releases
Name: ContainingEquipmentOperationallyDown (465) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.Port	Severity: major Implicitly cleared: true Default probable cause: containingEquipmentDown (329)	<ul style="list-style-type: none"> LR14.2.SC
Description: The alarm is raised when the compositeEquipmentState attribute has a value of containingEquipmentOperationallyDown.		
Raising condition: (('Status' EQUAL 'Parent Oper Down') AND ('isTerminatable' EQUAL 'true'))		
Clearing condition: (('Status' NOT EQUAL 'Parent Oper Down') OR ('isTerminatable' NOT EQUAL 'true'))		

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Alarm	Attributes	Applicable major releases
Remedial action: The operational state of the equipment element indicated in the alarm is down. This may be due to the element's administrative state or it may indicate that the element has failed.		

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Table 22-109 CorruptImageFile

Alarm	Attributes	Applicable major releases
Name: CorruptImageFile (171) Type: configurationAlarm (11) Package: mediation Raised on class: mediation.AbstractSoftwareFolderDescriptor	Severity: critical Implicitly cleared: true Default probable cause: invalidOrCorruptImageFile (134)	<ul style="list-style-type: none"> LR14.2.SC
Description: The alarm is raised when one or more files in the 5620 SAM software image specified for a device software upgrade is invalid, corrupt or absent. The 5620 SAM validates a device software file set before it imports the file set and distributes it to an NE. Ensure that the file set downloads properly to the NE and is not tampered with before you re-attempt the upgrade. The alarm clears when a valid file set is on the NE and the 5620 SAM activates the software image in the file set.		
Raising condition: ('isImageValid' EQUAL 'false')		
Clearing condition: ('isImageValid' EQUAL 'true')		
Remedial action: The existing SW image in the SAM database should be replaced with an image that is known to be complete and valid.		

Table 22-110 cpeauthactiveconnectionscurrentcount

Alarm	Attributes	Applicable major releases
Name: cpeauthactiveconnectionscurrentcount (6274) Type: equipmentAlarm (3) Package: femto Raised on class: femto.HDMCluster	Severity: minor Implicitly cleared: true Default probable cause: thresholdCrossed (12)	<ul style="list-style-type: none"> LR14.2.SC
Description: HDM CPE Authentication Active Connections Current Count		
Remedial action: See the nodal documentation for more information.		

Table 22-111 cpeauthactiveconnectionshighcount

Alarm	Attributes	Applicable major releases
Name: cpeauthactiveconnectionshighcount (6275) Type: equipmentAlarm (3) Package: femto Raised on class: femto.HDMCluster	Severity: minor Implicitly cleared: true Default probable cause: thresholdCrossed (12)	<ul style="list-style-type: none"> LR14.2.SC

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Alarm	Attributes	Applicable major releases
Description: HDM CPE Authentication Active Connections High Count		
Remedial action: See the nodal documentation for more information.		

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Table 22-112 cpeauthcurrcapacity

Alarm	Attributes	Applicable major releases
Name: cpeauthcurrcapacity (6276) Type: equipmentAlarm (3) Package: femto Raised on class: femto.HDMCluster	Severity: minor Implicitly cleared: true Default probable cause: thresholdCrossed (12)	<ul style="list-style-type: none"> LR14.2.SC
Description: HDM CPE Authentication current capacity		
Remedial action: See the nodal documentation for more information.		

Table 22-113 cpeauthfailedreserverequestcount

Alarm	Attributes	Applicable major releases
Name: cpeauthfailedreserverequestcount (6277) Type: equipmentAlarm (3) Package: femto Raised on class: femto.HDMCluster	Severity: minor Implicitly cleared: true Default probable cause: thresholdCrossed (12)	<ul style="list-style-type: none"> LR14.2.SC
Description: HDM CPE Authentication failed reserve request count		
Remedial action: See the nodal documentation for more information.		

Table 22-114 cpeauthleakedconnectioncount

Alarm	Attributes	Applicable major releases
Name: cpeauthleakedconnectioncount (6278) Type: equipmentAlarm (3) Package: femto Raised on class: femto.HDMCluster	Severity: minor Implicitly cleared: true Default probable cause: thresholdCrossed (12)	<ul style="list-style-type: none"> LR14.2.SC
Description: HDM CPE Authentication leaked connection count		
Remedial action: See the nodal documentation for more information.		

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Table 22-115 cpeauthwaitingforconnectioncurrentcount

Alarm	Attributes	Applicable major releases
Name: cpeauthwaitingforconnectioncurrentcount (6279) Type: equipmentAlarm (3) Package: femto Raised on class: femto.HDMCluster	Severity: minor Implicitly cleared: true Default probable cause: thresholdCrossed (12)	<ul style="list-style-type: none"> LR14.2.SC
Description: HDM CPE Authentication waiting for connection count		
Remedial action: See the nodal documentation for more information.		

Table 22-116 EquipmentAdministrativelyDown

Alarm	Attributes	Applicable major releases
Name: EquipmentAdministrativelyDown (455) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.Equipment	Severity: minor Implicitly cleared: true Default probable cause: equipmentAdministrativelyDown (326)	<ul style="list-style-type: none"> LR14.2.SC
Description: The alarm is raised when the compositeEquipmentState attribute has a value of equipmentAdministrativelyDown.		
Raising condition: ('compositeEquipmentState' EQUAL 'Admin Down')		
Clearing condition: ('compositeEquipmentState' NOT EQUAL 'Admin Down')		
Remedial action: Informational - no corrective action required.		

Table 22-117 EquipmentDown

Alarm	Attributes	Applicable major releases
Name: EquipmentDown (10) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.Equipment	Severity: major Implicitly cleared: true Default probable cause: inoperableEquipment (8)	<ul style="list-style-type: none"> LR14.2.SC
Description: The alarm is raised when the compositeEquipmentState attribute has a value of equipmentOperationallyDown.		
Raising condition: ('compositeEquipmentState' EQUAL 'Oper Down')		
Clearing condition: ('compositeEquipmentState' NOT EQUAL 'Oper Down')		
Remedial action: This alarm indicates that a card in the NE has failed. The card must be replaced.		

Table 22-118 EquipmentInTest

Alarm	Attributes	Applicable major releases
Name: EquipmentInTest (11) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.Equipment	Severity: warning Implicitly cleared: true Default probable cause: equipmentInTest (9)	<ul style="list-style-type: none"> LR14.2.SC
Description: The alarm is raised when equipment enters a diagnostic state.		
Raising condition: ('compositeEquipmentState' EQUAL 'In Test')		
Clearing condition: ('compositeEquipmentState' NOT EQUAL 'In Test')		
Remedial action: Informational - no corrective action required.		

Table 22-119 EquipmentMismatch

Alarm	Attributes	Applicable major releases
Name: EquipmentMismatch (9) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.Equipment	Severity: major Implicitly cleared: true Default probable cause: equipmentTypeMismatch (7)	<ul style="list-style-type: none"> LR14.2.SC
Description: The alarm is raised when the compositeEquipmentState attribute has a value of equipmentMismatch.		
Raising condition: ('compositeEquipmentState' EQUAL 'Type Mismatch')		
Clearing condition: ('compositeEquipmentState' NOT EQUAL 'Type Mismatch')		
Remedial action: A configuration error has occurred which must be corrected. The card type configured for the slot identified in the alarm must match the installed card type.		

Table 22-120 EquipmentRemoved

Alarm	Attributes	Applicable major releases
Name: EquipmentRemoved (8) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.Equipment	Severity: major Implicitly cleared: true Default probable cause: replaceableEquipmentRemoved (6)	<ul style="list-style-type: none"> LR14.2.SC
Description: The alarm is raised when the compositeEquipmentState attribute has a value of equipmentMissing.		
Raising condition: (((('isEquipped' EQUAL 'false') OR ('compositeEquipmentState' EQUAL 'Removed')) AND ('isEquipmentInserted' EQUAL 'true')))		
Clearing condition: (('compositeEquipmentState' NOT EQUAL 'Removed') AND ('isEquipped' EQUAL 'true'))		
Remedial action: Informational - this alarm is raised when a card is removed.		

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Table 22-121 FrameSizeProblem (netw)

Alarm	Attributes	Applicable major releases
Name: FrameSizeProblem (37) Type: configurationAlarm (11) Package: netw Raised on class: netw.StatefullConnectableInterface	Severity: critical Implicitly cleared: true Default probable cause: frameSizeProblem (33)	<ul style="list-style-type: none"> LR14.2.SC
Description: The alarm is raised when a provisioned MTU size value is greater than the supported MTU size value.		
Raising condition: (('mtuMismatch' EQUAL 'true') AND ('portId' NOT EQUAL '0L'))		
Clearing condition: (('mtuMismatch' EQUAL 'false') OR ('portId' EQUAL '0L'))		
Remedial action: A configuration error has been made which must be corrected. The MTU value must be changed such that is less than or equal to the supported MTU size value.		

Table 22-122 functionsaddobject

Alarm	Attributes	Applicable major releases
Name: functionsaddobject (6280) Type: equipmentAlarm (3) Package: femto Raised on class: femto.HDMCluster	Severity: minor Implicitly cleared: true Default probable cause: thresholdCrossed (12)	<ul style="list-style-type: none"> LR14.2.SC
Description: The number of addobject function		
Remedial action: See the nodal documentation for more information.		

Table 22-123 functionsbackup

Alarm	Attributes	Applicable major releases
Name: functionsbackup (6281) Type: equipmentAlarm (3) Package: femto Raised on class: femto.HDMCluster	Severity: minor Implicitly cleared: true Default probable cause: thresholdCrossed (12)	<ul style="list-style-type: none"> LR14.2.SC
Description: The number of backup function		
Remedial action: See the nodal documentation for more information.		

Table 22-124 functionsconfigurationdownload

Alarm	Attributes	Applicable major releases
Name: functionsconfigurationdownload (6282) Type: equipmentAlarm (3) Package: femto Raised on class: femto.HDMCluster	Severity: minor Implicitly cleared: true Default probable cause: thresholdCrossed (12)	<ul style="list-style-type: none"> LR14.2.SC
Description: The number of configurationdownload function		
Remedial action: See the nodal documentation for more information.		

Table 22-125 functionsconfigurationupload

Alarm	Attributes	Applicable major releases
Name: functionsconfigurationupload (6283) Type: equipmentAlarm (3) Package: femto Raised on class: femto.HDMCluster	Severity: minor Implicitly cleared: true Default probable cause: thresholdCrossed (12)	<ul style="list-style-type: none"> LR14.2.SC
Description: The number of configurationupload function		
Remedial action: See the nodal documentation for more information.		

Table 22-126 functionsconnect

Alarm	Attributes	Applicable major releases
Name: functionsconnect (6284) Type: equipmentAlarm (3) Package: femto Raised on class: femto.HDMCluster	Severity: minor Implicitly cleared: true Default probable cause: thresholdCrossed (12)	<ul style="list-style-type: none"> LR14.2.SC
Description: The number of connect function		
Remedial action: See the nodal documentation for more information.		

Table 22-127 functionsdeleteobject

Alarm	Attributes	Applicable major releases
Name: functionsdeleteobject (6285) Type: equipmentAlarm (3) Package: femto Raised on class: femto.HDMCluster	Severity: minor Implicitly cleared: true Default probable cause: thresholdCrossed (12)	<ul style="list-style-type: none"> LR14.2.SC

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Alarm	Attributes	Applicable major releases
Description: The number of deleteobject function		
Remedial action: See the nodal documentation for more information.		

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Table 22-128 functionsfactoryreset

Alarm	Attributes	Applicable major releases
Name: functionsfactoryreset (6286) Type: equipmentAlarm (3) Package: femto Raised on class: femto.HDMCluster	Severity: minor Implicitly cleared: true Default probable cause: thresholdCrossed (12)	<ul style="list-style-type: none"> LR14.2.SC
Description: The number of factoryreset function		
Remedial action: See the nodal documentation for more information.		

Table 22-129 functionsfirmwareupdate

Alarm	Attributes	Applicable major releases
Name: functionsfirmwareupdate (6287) Type: equipmentAlarm (3) Package: femto Raised on class: femto.HDMCluster	Severity: minor Implicitly cleared: true Default probable cause: thresholdCrossed (12)	<ul style="list-style-type: none"> LR14.2.SC
Description: The number of firmwareupdate function		
Remedial action: See the nodal documentation for more information.		

Table 22-130 functionsgetoptions

Alarm	Attributes	Applicable major releases
Name: functionsgetoptions (6288) Type: equipmentAlarm (3) Package: femto Raised on class: femto.HDMCluster	Severity: minor Implicitly cleared: true Default probable cause: thresholdCrossed (12)	<ul style="list-style-type: none"> LR14.2.SC
Description: The number of getoptions function		
Remedial action: See the nodal documentation for more information.		

Table 22-131 functionsgetparameterattributes

Alarm	Attributes	Applicable major releases
Name: functionsgetparameterattributes (6289) Type: equipmentAlarm (3) Package: femto Raised on class: femto.HDMCluster	Severity: minor Implicitly cleared: true Default probable cause: thresholdCrossed (12)	<ul style="list-style-type: none"> LR14.2.SC
Description: The number of getparameterattributes function		
Remedial action: See the nodal documentation for more information.		

Table 22-132 functionsgetparameternames

Alarm	Attributes	Applicable major releases
Name: functionsgetparameternames (6290) Type: equipmentAlarm (3) Package: femto Raised on class: femto.HDMCluster	Severity: minor Implicitly cleared: true Default probable cause: thresholdCrossed (12)	<ul style="list-style-type: none"> LR14.2.SC
Description: The number of getparameternames function		
Remedial action: See the nodal documentation for more information.		

Table 22-133 functionsgetparametervalues

Alarm	Attributes	Applicable major releases
Name: functionsgetparametervalues (6291) Type: equipmentAlarm (3) Package: femto Raised on class: femto.HDMCluster	Severity: minor Implicitly cleared: true Default probable cause: thresholdCrossed (12)	<ul style="list-style-type: none"> LR14.2.SC
Description: The number of getparametervalues function		
Remedial action: See the nodal documentation for more information.		

Table 22-134 functionsgetqueuedtransfers

Alarm	Attributes	Applicable major releases
Name: functionsgetqueuedtransfers (6292) Type: equipmentAlarm (3) Package: femto Raised on class: femto.HDMCluster	Severity: minor Implicitly cleared: true Default probable cause: thresholdCrossed (12)	<ul style="list-style-type: none"> LR14.2.SC

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Alarm	Attributes	Applicable major releases
Description: The number of getqueuedtransfers function		
Remedial action: See the nodal documentation for more information.		

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Table 22-135 functionsgetrpcmethods

Alarm	Attributes	Applicable major releases
Name: functionsgetrpcmethods (6293) Type: equipmentAlarm (3) Package: femto Raised on class: femto.HDMCluster	Severity: minor Implicitly cleared: true Default probable cause: thresholdCrossed (12)	<ul style="list-style-type: none"> LR14.2.SC
Description: The number of getrpcmethods function		
Remedial action: See the nodal documentation for more information.		

Table 22-136 functionsreboot

Alarm	Attributes	Applicable major releases
Name: functionsreboot (6294) Type: equipmentAlarm (3) Package: femto Raised on class: femto.HDMCluster	Severity: minor Implicitly cleared: true Default probable cause: thresholdCrossed (12)	<ul style="list-style-type: none"> LR14.2.SC
Description: The number of reboot function		
Remedial action: See the nodal documentation for more information.		

Table 22-137 functionsrestore

Alarm	Attributes	Applicable major releases
Name: functionsrestore (6295) Type: equipmentAlarm (3) Package: femto Raised on class: femto.HDMCluster	Severity: minor Implicitly cleared: true Default probable cause: thresholdCrossed (12)	<ul style="list-style-type: none"> LR14.2.SC
Description: The number of restore function		
Remedial action: See the nodal documentation for more information.		

Table 22-138 functionsscheduleinform

Alarm	Attributes	Applicable major releases
Name: functionsscheduleinform (6296) Type: equipmentAlarm (3) Package: femto Raised on class: femto.HDMCluster	Severity: minor Implicitly cleared: true Default probable cause: thresholdCrossed (12)	<ul style="list-style-type: none"> LR14.2.SC
Description: The number of scheduleinform function		
Remedial action: See the nodal documentation for more information.		

Table 22-139 functionssetparameterattributes

Alarm	Attributes	Applicable major releases
Name: functionssetparameterattributes (6297) Type: equipmentAlarm (3) Package: femto Raised on class: femto.HDMCluster	Severity: minor Implicitly cleared: true Default probable cause: thresholdCrossed (12)	<ul style="list-style-type: none"> LR14.2.SC
Description: The number of setparameterattributes function		
Remedial action: See the nodal documentation for more information.		

Table 22-140 functionssetparametervalues

Alarm	Attributes	Applicable major releases
Name: functionssetparametervalues (6298) Type: equipmentAlarm (3) Package: femto Raised on class: femto.HDMCluster	Severity: minor Implicitly cleared: true Default probable cause: thresholdCrossed (12)	<ul style="list-style-type: none"> LR14.2.SC
Description: The number of setparametervalues function		
Remedial action: See the nodal documentation for more information.		

Table 22-141 functionssnmpgetparametervalues

Alarm	Attributes	Applicable major releases
Name: functionssnmpgetparametervalues (6299) Type: equipmentAlarm (3) Package: femto Raised on class: femto.HDMCluster	Severity: minor Implicitly cleared: true Default probable cause: thresholdCrossed (12)	<ul style="list-style-type: none"> LR14.2.SC

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Alarm	Attributes	Applicable major releases
Description: The number of snmpgetparametervalues function		
Remedial action: See the nodal documentation for more information.		

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Table 22-142 functionssnmpsetparametervalues

Alarm	Attributes	Applicable major releases
Name: functionssnmpsetparametervalues (6300) Type: equipmentAlarm (3) Package: femto Raised on class: femto.HDMCluster	Severity: minor Implicitly cleared: true Default probable cause: thresholdCrossed (12)	<ul style="list-style-type: none"> LR14.2.SC
Description: The number of snmpsetparametervalues function		
Remedial action: See the nodal documentation for more information.		

Table 22-143 GaPeerDown

Alarm	Attributes	Applicable major releases
Name: GaPeerDown (3303) Type: EpcAlarm (59) Package: Iteggnsn Raised on class: Iteggnsn.GaPeer	Severity: major Implicitly cleared: true Default probable cause: EPSPeerDown (602)	<ul style="list-style-type: none"> LR14.2.SC
Description: The alarm is raised when the path management state of a Ga peer changes to a state other than Up.		
Raising condition: ('Path Management State' NOT EQUAL 'Active')		
Clearing condition: ('Path Management State' EQUAL 'Active')		
Remedial action: A Ga reference point (peer) is operationally down for one of the following reasons: the underlying IP or physical interface is down, the far end peer is down or the underlying transport between this NE and the peer NE is down. To resolve the issue ensure that the IP/physical interface is up, check that the far end peer is operational and check that the underlying transport network is up.		

Table 22-144 gccollectiontimeavg

Alarm	Attributes	Applicable major releases
Name: gccollectiontimeavg (6301) Type: equipmentAlarm (3) Package: femto Raised on class: femto.HDMCluster	Severity: critical Implicitly cleared: true Default probable cause: thresholdCrossed (12)	<ul style="list-style-type: none"> LR14.2.SC
Description: The average GC collection time		

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Alarm	Attributes	Applicable major releases
Remedial action: See the nodal documentation for more information.		

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Table 22-145 gccount

Alarm	Attributes	Applicable major releases
Name: gccount (6302) Type: equipmentAlarm (3) Package: femto Raised on class: femto.HDMCluster	Severity: critical Implicitly cleared: true Default probable cause: thresholdCrossed (12)	<ul style="list-style-type: none"> LR14.2.SC
Description: The GC count		
Remedial action: See the nodal documentation for more information.		

Table 22-146 gcfullcollectiontimeavg

Alarm	Attributes	Applicable major releases
Name: gcfullcollectiontimeavg (6303) Type: equipmentAlarm (3) Package: femto Raised on class: femto.HDMCluster	Severity: critical Implicitly cleared: true Default probable cause: thresholdCrossed (12)	<ul style="list-style-type: none"> LR14.2.SC
Description: The average full GC collection time		
Remedial action: See the nodal documentation for more information.		

Table 22-147 gcfullcount

Alarm	Attributes	Applicable major releases
Name: gcfullcount (6304) Type: equipmentAlarm (3) Package: femto Raised on class: femto.HDMCluster	Severity: critical Implicitly cleared: true Default probable cause: thresholdCrossed (12)	<ul style="list-style-type: none"> LR14.2.SC
Description: Full GC time		
Remedial action: See the nodal documentation for more information.		

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Table 22-148 GPS_femtoNotInAuthorizedAreaGPS

Alarm	Attributes	Applicable major releases
Name: GPS_femtoNotInAuthorizedAreaGPS (5992) Type: equipmentAlarm (3) Package: femto Raised on class: femto.GPS	Severity: critical Implicitly cleared: true Default probable cause: configurationOrCustomizationError (902)	<ul style="list-style-type: none"> LR14.2.SC
Description: Femto location detected by GPS not in the authorized location.		
Remedial action: NA		

Table 22-149 GPS_gpsHardwareFailure

Alarm	Attributes	Applicable major releases
Name: GPS_gpsHardwareFailure (5993) Type: equipmentAlarm (3) Package: femto Raised on class: femto.GPS	Severity: critical Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> LR14.2.SC
Description: GPS module HW Failed.		
Remedial action: NA		

Table 22-150 GPS_gpsLocationFailure

Alarm	Attributes	Applicable major releases
Name: GPS_gpsLocationFailure (5994) Type: equipmentAlarm (3) Package: femto Raised on class: femto.GPS	Severity: critical Implicitly cleared: true Default probable cause: responseTimeExcessive (716)	<ul style="list-style-type: none"> LR14.2.SC
Description: GPS receiver failed to return a location to the requested accuracy within the allowed duration.		
Remedial action: NA		

Table 22-151 GSMListener_gsmATCmdFail

Alarm	Attributes	Applicable major releases
Name: GSMListener_gsmATCmdFail (5995) Type: equipmentAlarm (3) Package: femto Raised on class: femto.GSMListener	Severity: minor Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> LR14.2.SC

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Alarm	Attributes	Applicable major releases
Description: AT command has failed.		
Remedial action: NA		

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Table 22-152 GSMListener_gsmModuleATCmdTimeoutError

Alarm	Attributes	Applicable major releases
Name: GSMListener_gsmModuleATCmdTimeoutError (5996) Type: equipmentAlarm (3) Package: femto Raised on class: femto.GSMListener	Severity: major Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> LR14.2.SC
Description: Failure to receive a response from an AT command.		
Remedial action: NA		

Table 22-153 GSMListener_gsmModuleFailtoInit

Alarm	Attributes	Applicable major releases
Name: GSMListener_gsmModuleFailtoInit (5997) Type: equipmentAlarm (3) Package: femto Raised on class: femto.GSMListener	Severity: major Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> LR14.2.SC
Description: GSMListener module fails to initialize.		
Remedial action: NA		

Table 22-154 GSMListener_gsmNoCellsFound

Alarm	Attributes	Applicable major releases
Name: GSMListener_gsmNoCellsFound (5998) Type: equipmentAlarm (3) Package: femto Raised on class: femto.GSMListener	Severity: minor Implicitly cleared: true Default probable cause: unspecifiedReason (802)	<ul style="list-style-type: none"> LR14.2.SC
Description: No GSM cells have been found during a search.		
Remedial action: NA		

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Table 22-155 hdmAlarmListenerFailure

Alarm	Attributes	Applicable major releases
Name: hdmAlarmListenerFailure (6305) Type: communicationsAlarm (4) Package: femto Raised on class: femto.HDMCluster	Severity: major Implicitly cleared: true Default probable cause: communicationsSubsystemFailure (915)	<ul style="list-style-type: none"> LR14.2.SC
Description: This alarm indicates a communication issue with hdmAlarmListenerFailure Listener of HDM.		
Remedial action: See the nodal documentation for more information.		

Table 22-156 hdmDashboardAlarmListenerFailure

Alarm	Attributes	Applicable major releases
Name: hdmDashboardAlarmListenerFailure (6306) Type: communicationsAlarm (4) Package: femto Raised on class: femto.HDMCluster	Severity: major Implicitly cleared: true Default probable cause: communicationsSubsystemFailure (915)	<ul style="list-style-type: none"> LR14.2.SC
Description: This alarm indicates a communication issue with hdmDashboardAlarmListenerFailure Listener of HDM.		
Remedial action: See the nodal documentation for more information.		

Table 22-157 hdmRegistrationListenerFailure

Alarm	Attributes	Applicable major releases
Name: hdmRegistrationListenerFailure (6308) Type: communicationsAlarm (4) Package: femto Raised on class: femto.HDMCluster	Severity: major Implicitly cleared: true Default probable cause: communicationsSubsystemFailure (915)	<ul style="list-style-type: none"> LR14.2.SC
Description: This alarm indicates a communication issue with hdmRegistrationListenerFailure Listener of HDM.		
Remedial action: See the nodal documentation for more information.		

Table 22-158 hdmReRegistrationListenerFailure

Alarm	Attributes	Applicable major releases
Name: hdmReRegistrationListenerFailure (6307) Type: communicationsAlarm (4) Package: femto Raised on class: femto.HDMCluster	Severity: major Implicitly cleared: true Default probable cause: communicationsSubsystemFailure (915)	<ul style="list-style-type: none"> LR14.2.SC

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Alarm	Attributes	Applicable major releases
Description: This alarm indicates a communication issue with hdmReRegistrationListenerFailure Listener of HDM.		
Remedial action: See the nodal documentation for more information.		

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Table 22-159 hdmResynchroListenerFailure

Alarm	Attributes	Applicable major releases
Name: hdmResynchroListenerFailure (6309) Type: communicationsAlarm (4) Package: femto Raised on class: femto.HDMCluster	Severity: major Implicitly cleared: true Default probable cause: communicationsSubsystemFailure (915)	<ul style="list-style-type: none"> LR14.2.SC
Description: This alarm indicates a communication issue with hdmResynchroListenerFailure Listener of HDM.		
Remedial action: See the nodal documentation for more information.		

Table 22-160 hdmWebservicesFailure

Alarm	Attributes	Applicable major releases
Name: hdmWebservicesFailure (6310) Type: communicationsAlarm (4) Package: femto Raised on class: femto.HDMCluster	Severity: major Implicitly cleared: true Default probable cause: communicationsSubsystemFailure (915)	<ul style="list-style-type: none"> LR14.2.SC
Description: This alarm indicates a communication issue with hdmWebservicesFailure Listener of HDM.		
Remedial action: See the nodal documentation for more information.		

Table 22-161 hdmworkmanagercwmpServletCompletedRequests

Alarm	Attributes	Applicable major releases
Name: hdmworkmanagercwmpServletCompletedRequests (6311) Type: equipmentAlarm (3) Package: femto Raised on class: femto.HDMCluster	Severity: minor Implicitly cleared: true Default probable cause: thresholdCrossed (12)	<ul style="list-style-type: none"> LR14.2.SC
Description: HDM CWMP Servlet workmanager completed request rate		
Remedial action: See the nodal documentation for more information.		

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Table 22-162 hdmworkmanagercwmpservletpendingrequests

Alarm	Attributes	Applicable major releases
Name: hdmworkmanagercwmpservletpendingrequests (6312) Type: equipmentAlarm (3) Package: femto Raised on class: femto.HDMCluster	Severity: minor Implicitly cleared: true Default probable cause: thresholdCrossed (12)	<ul style="list-style-type: none"> LR14.2.SC
Description: HDM CWMP Servelt workmanager pending request count		
Remedial action: See the nodal documentation for more information.		

Table 22-163 hdmworkmanagerdefaultcompletedrequests

Alarm	Attributes	Applicable major releases
Name: hdmworkmanagerdefaultcompletedrequests (6313) Type: equipmentAlarm (3) Package: femto Raised on class: femto.HDMCluster	Severity: minor Implicitly cleared: true Default probable cause: thresholdCrossed (12)	<ul style="list-style-type: none"> LR14.2.SC
Description: HDM default workmanager completed request rate		
Remedial action: See the nodal documentation for more information.		

Table 22-164 hdmworkmanagerdefaultpendingrequests

Alarm	Attributes	Applicable major releases
Name: hdmworkmanagerdefaultpendingrequests (6314) Type: equipmentAlarm (3) Package: femto Raised on class: femto.HDMCluster	Severity: minor Implicitly cleared: true Default probable cause: thresholdCrossed (12)	<ul style="list-style-type: none"> LR14.2.SC
Description: HDM default workmanager pending request count		
Remedial action: See the nodal documentation for more information.		

Table 22-165 hdmworkmanagernbiservicecompletedrequests

Alarm	Attributes	Applicable major releases
Name: hdmworkmanagernbiservicecompletedrequests (6315) Type: equipmentAlarm (3) Package: femto Raised on class: femto.HDMCluster	Severity: minor Implicitly cleared: true Default probable cause: thresholdCrossed (12)	<ul style="list-style-type: none"> LR14.2.SC
Description: HDM NBI Service workmanager completed request rate		
Remedial action: See the nodal documentation for more information.		

Table 22-166 hdmworkmanagernbiservicependingrequests

Alarm	Attributes	Applicable major releases
Name: hdmworkmanagernbiservicependingrequests (6316) Type: equipmentAlarm (3) Package: femto Raised on class: femto.HDMCluster	Severity: minor Implicitly cleared: true Default probable cause: thresholdCrossed (12)	<ul style="list-style-type: none"> LR14.2.SC
Description: HDM NBI workmanager pending request count		
Remedial action: See the nodal documentation for more information.		

Table 22-167 HeNB_spareHeNBAlarm1

Alarm	Attributes	Applicable major releases
Name: HeNB_spareHeNBAlarm1 (8176) Type: processingErrorAlarm (81) Package: femto Raised on class: femto.HeNB	Severity: critical Implicitly cleared: true Default probable cause: unspecifiedReason (802)	<ul style="list-style-type: none"> LR14.2.SC
Description: Spare alarm 1		
Remedial action: NA		

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Table 22-168 HeNB_spareHeNBAlarm2

Alarm	Attributes	Applicable major releases
Name: HeNB_spareHeNBAlarm2 (8177) Type: processingErrorAlarm (81) Package: femto Raised on class: femto.HeNB	Severity: critical Implicitly cleared: true Default probable cause: unspecifiedReason (802)	<ul style="list-style-type: none"> LR14.2.SC
Description: Spare alarm 2		
Remedial action: NA		

Table 22-169 HeNB_spareHeNBAlarm3

Alarm	Attributes	Applicable major releases
Name: HeNB_spareHeNBAlarm3 (8178) Type: processingErrorAlarm (81) Package: femto Raised on class: femto.HeNB	Severity: major Implicitly cleared: true Default probable cause: unspecifiedReason (802)	<ul style="list-style-type: none"> LR14.2.SC
Description: Spare alarm 3		
Remedial action: NA		

Table 22-170 HIGHNBRDEVDOWN

Alarm	Attributes	Applicable major releases
Name: HIGHNBRDEVDOWN (6000) Type: operationalViolation (93) Package: femto Raised on class: femto.Femto	Severity: minor Implicitly cleared: true Default probable cause: underlyingResourceUnavailable (724)	<ul style="list-style-type: none"> LR14.2.SC
Description: BSR has not contacted HDM in 5 minutes		
Remedial action: NA		

Table 22-171 httpacceptcount

Alarm	Attributes	Applicable major releases
Name: httpacceptcount (6317) Type: equipmentAlarm (3) Package: femto Raised on class: femto.HDMCluster	Severity: minor Implicitly cleared: true Default probable cause: thresholdCrossed (12)	<ul style="list-style-type: none"> LR14.2.SC

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Alarm	Attributes	Applicable major releases
Description: The number if http accept		
Remedial action: See the nodal documentation for more information.		

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Table 22-172 httpconnectionscount

Alarm	Attributes	Applicable major releases
Name: httpconnectionscount (6318) Type: equipmentAlarm (3) Package: femto Raised on class: femto.HDMCluster	Severity: minor Implicitly cleared: true Default probable cause: thresholdCrossed (12)	<ul style="list-style-type: none"> LR14.2.SC
Description: The number of http connection		
Remedial action: See the nodal documentation for more information.		

Table 22-173 httpmessagessentrate

Alarm	Attributes	Applicable major releases
Name: httpmessagessentrate (6319) Type: equipmentAlarm (3) Package: femto Raised on class: femto.HDMCluster	Severity: minor Implicitly cleared: true Default probable cause: thresholdCrossed (12)	<ul style="list-style-type: none"> LR14.2.SC
Description: The rate of http message sent		
Remedial action: See the nodal documentation for more information.		

Table 22-174 httpreceivedmessagesrate

Alarm	Attributes	Applicable major releases
Name: httpreceivedmessagesrate (6320) Type: equipmentAlarm (3) Package: femto Raised on class: femto.HDMCluster	Severity: minor Implicitly cleared: true Default probable cause: thresholdCrossed (12)	<ul style="list-style-type: none"> LR14.2.SC
Description: The rate of http message reception		
Remedial action: See the nodal documentation for more information.		

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Table 22-175 httpsacceptcount

Alarm	Attributes	Applicable major releases
Name: httpsacceptcount (6321) Type: equipmentAlarm (3) Package: femto Raised on class: femto.HDMCluster	Severity: minor Implicitly cleared: true Default probable cause: thresholdCrossed (12)	<ul style="list-style-type: none"> LR14.2.SC
Description: The number if https accept		
Remedial action: See the nodal documentation for more information.		

Table 22-176 httpsconnectionscount

Alarm	Attributes	Applicable major releases
Name: httpsconnectionscount (6322) Type: equipmentAlarm (3) Package: femto Raised on class: femto.HDMCluster	Severity: minor Implicitly cleared: true Default probable cause: thresholdCrossed (12)	<ul style="list-style-type: none"> LR14.2.SC
Description: The number of https connection		
Remedial action: See the nodal documentation for more information.		

Table 22-177 httpsmessagessentrate

Alarm	Attributes	Applicable major releases
Name: httpsmessagessentrate (6323) Type: equipmentAlarm (3) Package: femto Raised on class: femto.HDMCluster	Severity: minor Implicitly cleared: true Default probable cause: thresholdCrossed (12)	<ul style="list-style-type: none"> LR14.2.SC
Description: The rate of https message sent		
Remedial action: See the nodal documentation for more information.		

Table 22-178 httpsreceivedmessagesrate

Alarm	Attributes	Applicable major releases
Name: httpsreceivedmessagesrate (6324) Type: equipmentAlarm (3) Package: femto Raised on class: femto.HDMCluster	Severity: minor Implicitly cleared: true Default probable cause: thresholdCrossed (12)	<ul style="list-style-type: none"> LR14.2.SC

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Alarm	Attributes	Applicable major releases
Description: The rate of https message reception		
Remedial action: See the nodal documentation for more information.		

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Table 22-179 IKESAPair_tunnelConfigFailure

Alarm	Attributes	Applicable major releases
Name: IKESAPair_tunnelConfigFailure (8179) Type: communicationsAlarm (4) Package: femto Raised on class: femto.IKESAPair	Severity: major Implicitly cleared: true Default probable cause: responseTimeExcessive (716)	<ul style="list-style-type: none"> LR14.2.SC
Description: This fault is raised if the Femto BSR did not receive a response to IKE_INIT or IKE_AUTH, if Dead Peer Detection (DPD) encountered an unresponsive SeGW, or if the Femto BSR could not resolve the SeGW FQDN to an IP address (when/if FQDN was used).		
Remedial action: NA		

Table 22-180 informall

Alarm	Attributes	Applicable major releases
Name: informall (6325) Type: equipmentAlarm (3) Package: femto Raised on class: femto.HDMCluster	Severity: minor Implicitly cleared: true Default probable cause: thresholdCrossed (12)	<ul style="list-style-type: none"> LR14.2.SC
Description: number of inform all		
Remedial action: See the nodal documentation for more information.		

Table 22-181 informboot

Alarm	Attributes	Applicable major releases
Name: informboot (6326) Type: equipmentAlarm (3) Package: femto Raised on class: femto.HDMCluster	Severity: minor Implicitly cleared: true Default probable cause: thresholdCrossed (12)	<ul style="list-style-type: none"> LR14.2.SC
Description: number of inform boot		
Remedial action: See the nodal documentation for more information.		

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Table 22-182 informbootstrap

Alarm	Attributes	Applicable major releases
Name: informbootstrap (6327) Type: equipmentAlarm (3) Package: femto Raised on class: femto.HDMCluster	Severity: minor Implicitly cleared: true Default probable cause: thresholdCrossed (12)	<ul style="list-style-type: none"> LR14.2.SC
Description: number of inform bootstrap		
Remedial action: See the nodal documentation for more information.		

Table 22-183 informconnectionrequest

Alarm	Attributes	Applicable major releases
Name: informconnectionrequest (6328) Type: equipmentAlarm (3) Package: femto Raised on class: femto.HDMCluster	Severity: minor Implicitly cleared: true Default probable cause: thresholdCrossed (12)	<ul style="list-style-type: none"> LR14.2.SC
Description: number of inform connectionrequest		
Remedial action: See the nodal documentation for more information.		

Table 22-184 informdiagnosticscomplete

Alarm	Attributes	Applicable major releases
Name: informdiagnosticscomplete (6329) Type: equipmentAlarm (3) Package: femto Raised on class: femto.HDMCluster	Severity: minor Implicitly cleared: true Default probable cause: thresholdCrossed (12)	<ul style="list-style-type: none"> LR14.2.SC
Description: number of inform diagnosticsComplete		
Remedial action: See the nodal documentation for more information.		

Table 22-185 informdownload

Alarm	Attributes	Applicable major releases
Name: informdownload (6330) Type: equipmentAlarm (3) Package: femto Raised on class: femto.HDMCluster	Severity: minor Implicitly cleared: true Default probable cause: thresholdCrossed (12)	<ul style="list-style-type: none"> LR14.2.SC

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Alarm	Attributes	Applicable major releases
Description: number of inform download		
Remedial action: See the nodal documentation for more information.		

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Table 22-186 informkicked

Alarm	Attributes	Applicable major releases
Name: informkicked (6331) Type: equipmentAlarm (3) Package: femto Raised on class: femto.HDMCluster	Severity: minor Implicitly cleared: true Default probable cause: thresholdCrossed (12)	<ul style="list-style-type: none"> LR14.2.SC
Description: number of inform kicked		
Remedial action: See the nodal documentation for more information.		

Table 22-187 informlatency

Alarm	Attributes	Applicable major releases
Name: informlatency (6332) Type: equipmentAlarm (3) Package: femto Raised on class: femto.HDMCluster	Severity: minor Implicitly cleared: true Default probable cause: thresholdCrossed (12)	<ul style="list-style-type: none"> LR14.2.SC
Description: number of inform latency		
Remedial action: See the nodal documentation for more information.		

Table 22-188 informlatencymax

Alarm	Attributes	Applicable major releases
Name: informlatencymax (6333) Type: equipmentAlarm (3) Package: femto Raised on class: femto.HDMCluster	Severity: minor Implicitly cleared: true Default probable cause: thresholdCrossed (12)	<ul style="list-style-type: none"> LR14.2.SC
Description: number of inform latency.max		
Remedial action: See the nodal documentation for more information.		

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Table 22-189 informlatencymin

Alarm	Attributes	Applicable major releases
Name: informlatencymin (6334) Type: equipmentAlarm (3) Package: femto Raised on class: femto.HDMCluster	Severity: minor Implicitly cleared: true Default probable cause: thresholdCrossed (12)	<ul style="list-style-type: none"> LR14.2.SC
Description: number of inform latency.min		
Remedial action: See the nodal documentation for more information.		

Table 22-190 informperiodic

Alarm	Attributes	Applicable major releases
Name: informperiodic (6335) Type: equipmentAlarm (3) Package: femto Raised on class: femto.HDMCluster	Severity: minor Implicitly cleared: true Default probable cause: thresholdCrossed (12)	<ul style="list-style-type: none"> LR14.2.SC
Description: number of inform periodic		
Remedial action: See the nodal documentation for more information.		

Table 22-191 informreboot

Alarm	Attributes	Applicable major releases
Name: informreboot (6336) Type: equipmentAlarm (3) Package: femto Raised on class: femto.HDMCluster	Severity: minor Implicitly cleared: true Default probable cause: thresholdCrossed (12)	<ul style="list-style-type: none"> LR14.2.SC
Description: number of inform reboot		
Remedial action: See the nodal documentation for more information.		

Table 22-192 informrequestdownload

Alarm	Attributes	Applicable major releases
Name: informrequestdownload (6337) Type: equipmentAlarm (3) Package: femto Raised on class: femto.HDMCluster	Severity: minor Implicitly cleared: true Default probable cause: thresholdCrossed (12)	<ul style="list-style-type: none"> LR14.2.SC

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Alarm	Attributes	Applicable major releases
Description: number of inform requestDownload		
Remedial action: See the nodal documentation for more information.		

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Table 22-193 informscheduled

Alarm	Attributes	Applicable major releases
Name: informscheduled (6338) Type: equipmentAlarm (3) Package: femto Raised on class: femto.HDMCluster	Severity: minor Implicitly cleared: true Default probable cause: thresholdCrossed (12)	<ul style="list-style-type: none"> LR14.2.SC
Description: number of inform scheduled		
Remedial action: See the nodal documentation for more information.		

Table 22-194 informscheduleinform

Alarm	Attributes	Applicable major releases
Name: informscheduleinform (6339) Type: equipmentAlarm (3) Package: femto Raised on class: femto.HDMCluster	Severity: minor Implicitly cleared: true Default probable cause: thresholdCrossed (12)	<ul style="list-style-type: none"> LR14.2.SC
Description: number of inform scheduleInform		
Remedial action: See the nodal documentation for more information.		

Table 22-195 informtransfercomplete

Alarm	Attributes	Applicable major releases
Name: informtransfercomplete (6340) Type: equipmentAlarm (3) Package: femto Raised on class: femto.HDMCluster	Severity: minor Implicitly cleared: true Default probable cause: thresholdCrossed (12)	<ul style="list-style-type: none"> LR14.2.SC
Description: number of inform transferComplete		
Remedial action: See the nodal documentation for more information.		

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Table 22-196 informupload

Alarm	Attributes	Applicable major releases
Name: informupload (6341) Type: equipmentAlarm (3) Package: femto Raised on class: femto.HDMCluster	Severity: minor Implicitly cleared: true Default probable cause: thresholdCrossed (12)	<ul style="list-style-type: none"> LR14.2.SC
Description: number of inform upload		
Remedial action: See the nodal documentation for more information.		

Table 22-197 informvaluechange

Alarm	Attributes	Applicable major releases
Name: informvaluechange (6342) Type: equipmentAlarm (3) Package: femto Raised on class: femto.HDMCluster	Severity: minor Implicitly cleared: true Default probable cause: thresholdCrossed (12)	<ul style="list-style-type: none"> LR14.2.SC
Description: number of inform valueChange		
Remedial action: See the nodal documentation for more information.		

Table 22-198 invalidloginattemptstotalcount

Alarm	Attributes	Applicable major releases
Name: invalidloginattemptstotalcount (6343) Type: equipmentAlarm (3) Package: femto Raised on class: femto.HDMCluster	Severity: minor Implicitly cleared: true Default probable cause: thresholdCrossed (12)	<ul style="list-style-type: none"> LR14.2.SC
Description: Invalid login attempt occurred on the current server		
Remedial action: See the nodal documentation for more information.		

Table 22-199 ItfBGWY_itfBSGdnsFailure

Alarm	Attributes	Applicable major releases
Name: ItfBGWY_itfBSGdnsFailure (6010) Type: communicationsAlarm (4) Package: femto Raised on class: femto.ItfBGWY	Severity: major Implicitly cleared: true Default probable cause: configurationOrCustomizationError (902)	<ul style="list-style-type: none"> LR14.2.SC

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Alarm	Attributes	Applicable major releases
Description: This fault is sent when ItfBGWY link failure is detected when no response is received to DNS messages attempting to resolve the FGW FQDN. This may be caused by timeout or a protocol error.		
Remedial action: NA		

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Table 22-200 ItfBGWY_itfFGWfailure

Alarm	Attributes	Applicable major releases
Name: ItfBGWY_itfFGWfailure (6012) Type: communicationsAlarm (4) Package: femto Raised on class: femto.ItfBGWY	Severity: major Implicitly cleared: true Default probable cause: unspecifiedReason (802)	<ul style="list-style-type: none"> LR14.2.SC
Description: This fault indicates that FBSR registration in FGW is failed due to reasons other than overload.		
Remedial action: NA		

Table 22-201 ItfBGWY_itfFGWoverload

Alarm	Attributes	Applicable major releases
Name: ItfBGWY_itfFGWoverload (6013) Type: equipmentAlarm (3) Package: femto Raised on class: femto.ItfBGWY	Severity: major Implicitly cleared: true Default probable cause: congestion (694)	<ul style="list-style-type: none"> LR14.2.SC
Description: This fault indicates that FGW is overloaded and FBSR should be re-registered.		
Remedial action: NA		

Table 22-202 ItfBGWY_itfFGWRegistrationFailure

Alarm	Attributes	Applicable major releases
Name: ItfBGWY_itfFGWRegistrationFailure (6011) Type: operationalViolation (93) Package: femto Raised on class: femto.ItfBGWY	Severity: major Implicitly cleared: true Default probable cause: unspecifiedReason (802)	<ul style="list-style-type: none"> LR14.2.SC
Description: This fault is generated when the lu' BSR fails to register with the FGW following SCTP establishment, or update the registration for any reason other than BSR Id Clash.		
Remedial action: NA		

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Table 22-203 ItfBGWY_noResponseFromBGWY

Alarm	Attributes	Applicable major releases
Name: ItfBGWY_noResponseFromBGWY (6014) Type: communicationsAlarm (4) Package: femto Raised on class: femto.ItfBGWY	Severity: major Implicitly cleared: true Default probable cause: responseTimeExcessive (716)	<ul style="list-style-type: none"> LR14.2.SC
Description: This fault indicates that communication on the interface to BSR Gateway is interrupted. It is raised when a request from BSR application on interface to BSR Gateway timed out (typically the SCTP association is up).		
Remedial action: NA		

Table 22-204 ItfBPG_itfBPGdnsFailure

Alarm	Attributes	Applicable major releases
Name: ItfBPG_itfBPGdnsFailure (6016) Type: communicationsAlarm (4) Package: femto Raised on class: femto.ItfBPG	Severity: major Implicitly cleared: true Default probable cause: configurationOrCustomizationError (902)	<ul style="list-style-type: none"> LR14.2.SC
Description: This fault is sent when ItfBPG link failure is detected when no response is received to DNS messages attempting to resolve the BPG FQDN. This may be caused by timeout or a protocol error.		
Remedial action: NA		

Table 22-205 ItfBPG_itfBPGLinkFailure

Alarm	Attributes	Applicable major releases
Name: ItfBPG_itfBPGLinkFailure (6015) Type: communicationsAlarm (4) Package: femto Raised on class: femto.ItfBPG	Severity: major Implicitly cleared: true Default probable cause: responseTimeExcessive (716)	<ul style="list-style-type: none"> LR14.2.SC
Description: This fault is sent when ItfBPG link failure is detected when no response is received for a special DPAT procedure with version ="10 after exhausting all retries, or when no response received after 6 attempts at initialization."		
Remedial action: NA		

Table 22-206 ItfBVG_itfBVGdnsFailure

Alarm	Attributes	Applicable major releases
Name: ItfBVG_itfBVGdnsFailure (6018) Type: communicationsAlarm (4) Package: femto Raised on class: femto.ItfBVG	Severity: major Implicitly cleared: true Default probable cause: configurationOrCustomizationError (902)	<ul style="list-style-type: none"> LR14.2.SC
Description: This fault is raised when ItfBVG link failure is detected when no response is received to DNS messages attempting to resolve the BVG FQDN. This maybe caused by timeout or a protocol error.		
Remedial action: NA		

Table 22-207 ItfBVG_itfBVGLinkFailure

Alarm	Attributes	Applicable major releases
Name: ItfBVG_itfBVGLinkFailure (6017) Type: communicationsAlarm (4) Package: femto Raised on class: femto.ItfBVG	Severity: major Implicitly cleared: true Default probable cause: responseTimeExcessive (716)	<ul style="list-style-type: none"> LR14.2.SC
Description: This fault is raised when ItfBVG link failure is detected when no response id is received for keealive messages on the BSR - BVG interface. This alarm is also sent when the initialising BVG binding update is not successful.		
Remedial action: NA		

Table 22-208 luCSPPrime_csCnConnectivityLost

Alarm	Attributes	Applicable major releases
Name: luCSPPrime_csCnConnectivityLost (6023) Type: communicationsAlarm (4) Package: femto Raised on class: femto.luCSPPrime	Severity: critical Implicitly cleared: true Default probable cause: remoteNodeTransmissionError (714)	<ul style="list-style-type: none"> LR14.2.SC
Description: The BSR has detected a loss of connectivity to the CS Core Network, even though the transport layer is still connected.		
Remedial action: NA		

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Table 22-209 luPSUplane_gTPEchoFailure

Alarm	Attributes	Applicable major releases
Name: luPSUplane_gTPEchoFailure (6043) Type: communicationsAlarm (4) Package: femto Raised on class: femto.luPSUplane	Severity: major Implicitly cleared: true Default probable cause: responseTimeExcessive (716)	<ul style="list-style-type: none"> LR14.2.SC
Description: Echo failure on the luPS interface.		
Remedial action: NA		

Table 22-210 jdbcactivecurrentconnectionscount

Alarm	Attributes	Applicable major releases
Name: jdbcactivecurrentconnectionscount (6344) Type: equipmentAlarm (3) Package: femto Raised on class: femto.HDMCluster	Severity: minor Implicitly cleared: true Default probable cause: thresholdCrossed (12)	<ul style="list-style-type: none"> LR14.2.SC
Description: The number of connections currently in use by applications		
Remedial action: See the nodal documentation for more information.		

Table 22-211 jdbcactivehighconnectionscount

Alarm	Attributes	Applicable major releases
Name: jdbcactivehighconnectionscount (6345) Type: equipmentAlarm (3) Package: femto Raised on class: femto.HDMCluster	Severity: minor Implicitly cleared: true Default probable cause: thresholdCrossed (12)	<ul style="list-style-type: none"> LR14.2.SC
Description: Highest number of active database connections in this instance of the data source since the data source was instantiated		
Remedial action: See the nodal documentation for more information.		

Table 22-212 jdbccurrcapacity

Alarm	Attributes	Applicable major releases
Name: jdbccurrcapacity (6346) Type: equipmentAlarm (3) Package: femto Raised on class: femto.HDMCluster	Severity: minor Implicitly cleared: true Default probable cause: thresholdCrossed (12)	<ul style="list-style-type: none"> LR14.2.SC
Description: Current database capacity		
Remedial action: See the nodal documentation for more information.		

Table 22-213 jdbcdbsize

Alarm	Attributes	Applicable major releases
Name: jdbcdbsize (6347) Type: equipmentAlarm (3) Package: femto Raised on class: femto.HDMCluster	Severity: critical Implicitly cleared: true Default probable cause: thresholdCrossed (12)	<ul style="list-style-type: none"> LR14.2.SC
Description: hdm database storage in use		
Remedial action: See the nodal documentation for more information.		

Table 22-214 jdbcdevicecount

Alarm	Attributes	Applicable major releases
Name: jdbcdevicecount (6348) Type: equipmentAlarm (3) Package: femto Raised on class: femto.HDMCluster	Severity: critical Implicitly cleared: true Default probable cause: thresholdCrossed (12)	<ul style="list-style-type: none"> LR14.2.SC
Description: Number of devices defined in Home Device Manager		
Remedial action: See the nodal documentation for more information.		

Table 22-215 jdbcenabledetpolicycount

Alarm	Attributes	Applicable major releases
Name: jdbcenabledetpolicycount (6349) Type: equipmentAlarm (3) Package: femto Raised on class: femto.HDMCluster	Severity: minor Implicitly cleared: true Default probable cause: thresholdCrossed (12)	<ul style="list-style-type: none"> LR14.2.SC

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Alarm	Attributes	Applicable major releases
Description: Number of enabled and pending event-triggered policies defined in Home Device Manager		
Remedial action: See the nodal documentation for more information.		

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Table 22-216 jdbcenableditpolicycount

Alarm	Attributes	Applicable major releases
Name: jdbcenableditpolicycount (6350) Type: equipmentAlarm (3) Package: femto Raised on class: femto.HDMCluster	Severity: minor Implicitly cleared: true Default probable cause: thresholdCrossed (12)	<ul style="list-style-type: none"> LR14.2.SC
Description: Number of enabled instant-triggered policies defined in Home Device Manager		
Remedial action: See the nodal documentation for more information.		

Table 22-217 jdbcfailedactivations

Alarm	Attributes	Applicable major releases
Name: jdbcfailedactivations (6351) Type: equipmentAlarm (3) Package: femto Raised on class: femto.HDMCluster	Severity: minor Implicitly cleared: true Default probable cause: thresholdCrossed (12)	<ul style="list-style-type: none"> LR14.2.SC
Description: Number of devices stated as activation failed in Home Device Manager		
Remedial action: See the nodal documentation for more information.		

Table 22-218 jdbcfailedloginrate

Alarm	Attributes	Applicable major releases
Name: jdbcfailedloginrate (6352) Type: equipmentAlarm (3) Package: femto Raised on class: femto.HDMCluster	Severity: minor Implicitly cleared: true Default probable cause: thresholdCrossed (12)	<ul style="list-style-type: none"> LR14.2.SC
Description: Number of failed attempts of devices to Home Device Manager		
Remedial action: See the nodal documentation for more information.		

Table 22-219 jdbcfailedreserverequestcount

Alarm	Attributes	Applicable major releases
Name: jdbcfailedreserverequestcount (6353) Type: equipmentAlarm (3) Package: femto Raised on class: femto.HDMCluster	Severity: minor Implicitly cleared: true Default probable cause: thresholdCrossed (12)	<ul style="list-style-type: none"> LR14.2.SC
Description: The Number of reserve request failed.		
Remedial action: See the nodal documentation for more information.		

Table 22-220 jdbcleakedconnectioncount

Alarm	Attributes	Applicable major releases
Name: jdbcleakedconnectioncount (6354) Type: equipmentAlarm (3) Package: femto Raised on class: femto.HDMCluster	Severity: major Implicitly cleared: true Default probable cause: thresholdCrossed (12)	<ul style="list-style-type: none"> LR14.2.SC
Description: The number of leaked database connection		
Remedial action: See the nodal documentation for more information.		

Table 22-221 jdbcmanagementpolicycount

Alarm	Attributes	Applicable major releases
Name: jdbcmanagementpolicycount (6355) Type: equipmentAlarm (3) Package: femto Raised on class: femto.HDMCluster	Severity: minor Implicitly cleared: true Default probable cause: thresholdCrossed (12)	<ul style="list-style-type: none"> LR14.2.SC
Description: Number of management policies defined in Home Device Manager		
Remedial action: See the nodal documentation for more information.		

Table 22-222 jdbcpendingactivations

Alarm	Attributes	Applicable major releases
Name: jdbcpendingactivations (6356) Type: equipmentAlarm (3) Package: femto Raised on class: femto.HDMCluster	Severity: minor Implicitly cleared: true Default probable cause: thresholdCrossed (12)	<ul style="list-style-type: none"> LR14.2.SC

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Alarm	Attributes	Applicable major releases
Description: Number of devices stated as activation pending in Home Device Manager		
Remedial action: See the nodal documentation for more information.		

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Table 22-223 jdbcwaitingcurrentconnectionscount

Alarm	Attributes	Applicable major releases
Name: jdbcwaitingcurrentconnectionscount (6357) Type: equipmentAlarm (3) Package: femto Raised on class: femto.HDMCluster	Severity: minor Implicitly cleared: true Default probable cause: thresholdCrossed (12)	<ul style="list-style-type: none"> LR14.2.SC
Description: The number of connection requests waiting for a database connection		
Remedial action: See the nodal documentation for more information.		

Table 22-224 jmsconnectionrequestcurrentcount

Alarm	Attributes	Applicable major releases
Name: jmsconnectionrequestcurrentcount (6358) Type: equipmentAlarm (3) Package: femto Raised on class: femto.HDMCluster	Severity: minor Implicitly cleared: true Default probable cause: thresholdCrossed (12)	<ul style="list-style-type: none"> LR14.2.SC
Description: The current number of messages stored on connectionRequestQueue JMS destination for the current server		
Remedial action: See the nodal documentation for more information.		

Table 22-225 jmsconnectionrequestpendingcount

Alarm	Attributes	Applicable major releases
Name: jmsconnectionrequestpendingcount (6359) Type: equipmentAlarm (3) Package: femto Raised on class: femto.HDMCluster	Severity: minor Implicitly cleared: true Default probable cause: thresholdCrossed (12)	<ul style="list-style-type: none"> LR14.2.SC
Description: The current number of messages pending (unacknowledged or uncommitted) stored on connectionRequestQueue JMS destination for the current server		
Remedial action: See the nodal documentation for more information.		

Table 22-226 jmsconnectionrequestrate

Alarm	Attributes	Applicable major releases
Name: jmsconnectionrequestrate (6360) Type: equipmentAlarm (3) Package: femto Raised on class: femto.HDMCluster	Severity: minor Implicitly cleared: true Default probable cause: thresholdCrossed (12)	<ul style="list-style-type: none"> LR14.2.SC
Description: The current number of received Connection Request rate stored on connectionRequestQueue JMS destination for the current server		
Remedial action: See the nodal documentation for more information.		

Table 22-227 jmsdarcurentcount

Alarm	Attributes	Applicable major releases
Name: jmsdarcurentcount (6361) Type: equipmentAlarm (3) Package: femto Raised on class: femto.HDMCluster	Severity: minor Implicitly cleared: true Default probable cause: thresholdCrossed (12)	<ul style="list-style-type: none"> LR14.2.SC
Description: The current number of messages stored on deviceActionResultQueue JMS destination for the current server		
Remedial action: See the nodal documentation for more information.		

Table 22-228 jmsdarpendingcount

Alarm	Attributes	Applicable major releases
Name: jmsdarpendingcount (6362) Type: equipmentAlarm (3) Package: femto Raised on class: femto.HDMCluster	Severity: minor Implicitly cleared: true Default probable cause: thresholdCrossed (12)	<ul style="list-style-type: none"> LR14.2.SC
Description: The current number of messages pending (unacknowledged or uncommitted) stored on deviceActionResultQueue JMS destination for the current server		
Remedial action: See the nodal documentation for more information.		

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Table 22-229 jmsdarrate

Alarm	Attributes	Applicable major releases
Name: jmsdarrate (6363) Type: equipmentAlarm (3) Package: femto Raised on class: femto.HDMCluster	Severity: minor Implicitly cleared: true Default probable cause: thresholdCrossed (12)	<ul style="list-style-type: none"> LR14.2.SC
Description: Received device action result rate		
Remedial action: See the nodal documentation for more information.		

Table 22-230 jmseventsrate

Alarm	Attributes	Applicable major releases
Name: jmseventsrate (6364) Type: equipmentAlarm (3) Package: femto Raised on class: femto.HDMCluster	Severity: minor Implicitly cleared: true Default probable cause: thresholdCrossed (12)	<ul style="list-style-type: none"> LR14.2.SC
Description: Received inform event rate		
Remedial action: See the nodal documentation for more information.		

Table 22-231 jmsinformeventscurrentcount

Alarm	Attributes	Applicable major releases
Name: jmsinformeventscurrentcount (6365) Type: equipmentAlarm (3) Package: femto Raised on class: femto.HDMCluster	Severity: minor Implicitly cleared: true Default probable cause: thresholdCrossed (12)	<ul style="list-style-type: none"> LR14.2.SC
Description: The current number of messages stored on deviceEventQueue JMS destination for the current server		
Remedial action: See the nodal documentation for more information.		

Table 22-232 jmsinformeventspendingcount

Alarm	Attributes	Applicable major releases
Name: jmsinformeventspendingcount (6366) Type: equipmentAlarm (3) Package: femto Raised on class: femto.HDMCluster	Severity: minor Implicitly cleared: true Default probable cause: thresholdCrossed (12)	<ul style="list-style-type: none"> LR14.2.SC

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Alarm	Attributes	Applicable major releases
Description: The current number of messages pending (unacknowledged or uncommitted) stored on deviceEventQueue JMS destination for the current server		
Remedial action: See the nodal documentation for more information.		

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Table 22-233 jmsnbiinternalcurrentcount

Alarm	Attributes	Applicable major releases
Name: jmsnbiinternalcurrentcount (6367) Type: equipmentAlarm (3) Package: femto Raised on class: femto.HDMCluster	Severity: minor Implicitly cleared: true Default probable cause: thresholdCrossed (12)	<ul style="list-style-type: none"> LR14.2.SC
Description: The current number of messages stored on nbInternalQueue JMS destination for the current server		
Remedial action: See the nodal documentation for more information.		

Table 22-234 jmsnbiinternalpendingcount

Alarm	Attributes	Applicable major releases
Name: jmsnbiinternalpendingcount (6368) Type: equipmentAlarm (3) Package: femto Raised on class: femto.HDMCluster	Severity: minor Implicitly cleared: true Default probable cause: thresholdCrossed (12)	<ul style="list-style-type: none"> LR14.2.SC
Description: The current number of messages pending (unacknowledged or uncommitted) stored on nbInternalQueue JMS destination for the current server		
Remedial action: See the nodal documentation for more information.		

Table 22-235 jmsnbiinternalrate

Alarm	Attributes	Applicable major releases
Name: jmsnbiinternalrate (6369) Type: equipmentAlarm (3) Package: femto Raised on class: femto.HDMCluster	Severity: minor Implicitly cleared: true Default probable cause: thresholdCrossed (12)	<ul style="list-style-type: none"> LR14.2.SC
Description: The current number of received NBI Out Bound Event rate stored on nbInternalQueue JMS destination for the current server		
Remedial action: See the nodal documentation for more information.		

Table 22-236 jmsnbiobalarmcurrentcount

Alarm	Attributes	Applicable major releases
Name: jmsnbiobalarmcurrentcount (6370) Type: equipmentAlarm (3) Package: femto Raised on class: femto.HDMCluster	Severity: minor Implicitly cleared: true Default probable cause: thresholdCrossed (12)	<ul style="list-style-type: none"> LR14.2.SC
Description: The current number of messages stored on nbiOutBoundAlarmTopic JMS destination for the current server		
Remedial action: See the nodal documentation for more information.		

Table 22-237 jmsnbiobalarmpendingcount

Alarm	Attributes	Applicable major releases
Name: jmsnbiobalarmpendingcount (6371) Type: equipmentAlarm (3) Package: femto Raised on class: femto.HDMCluster	Severity: minor Implicitly cleared: true Default probable cause: thresholdCrossed (12)	<ul style="list-style-type: none"> LR14.2.SC
Description: The current number of messages pending (unacknowledged or uncommitted) stored on nbiOutBoundAlarmTopic JMS destination for the current server		
Remedial action: See the nodal documentation for more information.		

Table 22-238 jmsnbiobalarmrate

Alarm	Attributes	Applicable major releases
Name: jmsnbiobalarmrate (6372) Type: equipmentAlarm (3) Package: femto Raised on class: femto.HDMCluster	Severity: minor Implicitly cleared: true Default probable cause: thresholdCrossed (12)	<ul style="list-style-type: none"> LR14.2.SC
Description: The current number of received NBI Out Bound Alarm rate stored on nbiOutBoundAlarmTopic JMS destination for the current server		
Remedial action: See the nodal documentation for more information.		

Table 22-239 jmsnbiobcurrentcount

Alarm	Attributes	Applicable major releases
Name: jmsnbiobcurrentcount (6373) Type: equipmentAlarm (3) Package: femto Raised on class: femto.HDMCluster	Severity: minor Implicitly cleared: true Default probable cause: thresholdCrossed (12)	<ul style="list-style-type: none"> LR14.2.SC
Description: The current number of messages stored on nbiOutBoundQueue JMS destination for the current server		
Remedial action: See the nodal documentation for more information.		

Table 22-240 jmsnbiobeveventcurrentcount

Alarm	Attributes	Applicable major releases
Name: jmsnbiobeveventcurrentcount (6374) Type: equipmentAlarm (3) Package: femto Raised on class: femto.HDMCluster	Severity: minor Implicitly cleared: true Default probable cause: thresholdCrossed (12)	<ul style="list-style-type: none"> LR14.2.SC
Description: The current number of messages stored on nbiOutBoundEventTopic JMS destination for the current server		
Remedial action: See the nodal documentation for more information.		

Table 22-241 jmsnbiobeveventpendingcount

Alarm	Attributes	Applicable major releases
Name: jmsnbiobeveventpendingcount (6375) Type: equipmentAlarm (3) Package: femto Raised on class: femto.HDMCluster	Severity: minor Implicitly cleared: true Default probable cause: thresholdCrossed (12)	<ul style="list-style-type: none"> LR14.2.SC
Description: The current number of messages pending (unacknowledged or uncommitted) stored on nbiOutBoundEventTopic JMS destination for the current server		
Remedial action: See the nodal documentation for more information.		

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Table 22-242 jmsnbiobeventrate

Alarm	Attributes	Applicable major releases
Name: jmsnbiobeventrate (6376) Type: equipmentAlarm (3) Package: femto Raised on class: femto.HDMCluster	Severity: minor Implicitly cleared: true Default probable cause: thresholdCrossed (12)	<ul style="list-style-type: none"> LR14.2.SC
Description: The current number of received NBI Out Bound Event rate stored on nbiOutBoundEventTopic JMS destination for the current server		
Remedial action: See the nodal documentation for more information.		

Table 22-243 jmsnbiobpendingcount

Alarm	Attributes	Applicable major releases
Name: jmsnbiobpendingcount (6377) Type: equipmentAlarm (3) Package: femto Raised on class: femto.HDMCluster	Severity: minor Implicitly cleared: true Default probable cause: thresholdCrossed (12)	<ul style="list-style-type: none"> LR14.2.SC
Description: The current number of messages pending (unacknowledged or uncommitted) stored on nbiOutBoundQueue JMS destination for the current server		
Remedial action: See the nodal documentation for more information.		

Table 22-244 jmsnbiobrate

Alarm	Attributes	Applicable major releases
Name: jmsnbiobrate (6378) Type: equipmentAlarm (3) Package: femto Raised on class: femto.HDMCluster	Severity: minor Implicitly cleared: true Default probable cause: thresholdCrossed (12)	<ul style="list-style-type: none"> LR14.2.SC
Description: The current number of received NBI Out Bound Event rate stored on nbiOutBoundQueue JMS destination for the current server		
Remedial action: See the nodal documentation for more information.		

Table 22-245 jmsnbiobresultcurrentcount

Alarm	Attributes	Applicable major releases
Name: jmsnbiobresultcurrentcount (6379) Type: equipmentAlarm (3) Package: femto Raised on class: femto.HDMCluster	Severity: minor Implicitly cleared: true Default probable cause: thresholdCrossed (12)	<ul style="list-style-type: none"> LR14.2.SC
Description: The current number of messages stored on nbiOutBoundResultTopic JMS destination for the current server		
Remedial action: See the nodal documentation for more information.		

Table 22-246 jmsnbiobresultpendingcount

Alarm	Attributes	Applicable major releases
Name: jmsnbiobresultpendingcount (6380) Type: equipmentAlarm (3) Package: femto Raised on class: femto.HDMCluster	Severity: minor Implicitly cleared: true Default probable cause: thresholdCrossed (12)	<ul style="list-style-type: none"> LR14.2.SC
Description: The current number of messages pending (unacknowledged or uncommitted) stored on nbiOutBoundResultTopic JMS destination for the current server		
Remedial action: See the nodal documentation for more information.		

Table 22-247 jmsnbiobresultrate

Alarm	Attributes	Applicable major releases
Name: jmsnbiobresultrate (6381) Type: equipmentAlarm (3) Package: femto Raised on class: femto.HDMCluster	Severity: minor Implicitly cleared: true Default probable cause: thresholdCrossed (12)	<ul style="list-style-type: none"> LR14.2.SC
Description: The current number of received NBI Out Bound Result rate stored on nbiOutBoundResultTopic JMS destination for the current server		
Remedial action: See the nodal documentation for more information.		

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Table 22-248 jtaactivetxcount

Alarm	Attributes	Applicable major releases
Name: jtaactivetxcount (6382) Type: equipmentAlarm (3) Package: femto Raised on class: femto.HDMCluster	Severity: minor Implicitly cleared: true Default probable cause: thresholdCrossed (12)	<ul style="list-style-type: none"> LR14.2.SC
Description: The total number of active transactions on the server		
Remedial action: See the nodal documentation for more information.		

Table 22-249 jtacommittedtxrate

Alarm	Attributes	Applicable major releases
Name: jtacommittedtxrate (6383) Type: equipmentAlarm (3) Package: femto Raised on class: femto.HDMCluster	Severity: minor Implicitly cleared: true Default probable cause: thresholdCrossed (12)	<ul style="list-style-type: none"> LR14.2.SC
Description: Total number of transactions committed by this server		
Remedial action: See the nodal documentation for more information.		

Table 22-250 jtarolledbacktxrate

Alarm	Attributes	Applicable major releases
Name: jtarolledbacktxrate (6384) Type: equipmentAlarm (3) Package: femto Raised on class: femto.HDMCluster	Severity: minor Implicitly cleared: true Default probable cause: thresholdCrossed (12)	<ul style="list-style-type: none"> LR14.2.SC
Description: Total number of transactions rolled back by this server		
Remedial action: See the nodal documentation for more information.		

Table 22-251 jvmfreeheapsize

Alarm	Attributes	Applicable major releases
Name: jvmfreeheapsize (6385) Type: equipmentAlarm (3) Package: femto Raised on class: femto.HDMCluster	Severity: critical Implicitly cleared: true Default probable cause: thresholdCrossed (12)	<ul style="list-style-type: none"> LR14.2.SC

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Alarm	Attributes	Applicable major releases
Description: The number of free heap size available in JVM		
Remedial action: See the nodal documentation for more information.		

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Table 22-252 jvmheapfreepercent

Alarm	Attributes	Applicable major releases
Name: jvmheapfreepercent (6386) Type: equipmentAlarm (3) Package: femto Raised on class: femto.HDMCluster	Severity: critical Implicitly cleared: true Default probable cause: thresholdCrossed (12)	<ul style="list-style-type: none"> LR14.2.SC
Description: The percentage of free heap available in JVM		
Remedial action: See the nodal documentation for more information.		

Table 22-253 jvmheapsize

Alarm	Attributes	Applicable major releases
Name: jvmheapsize (6387) Type: equipmentAlarm (3) Package: femto Raised on class: femto.HDMCluster	Severity: critical Implicitly cleared: true Default probable cause: thresholdCrossed (12)	<ul style="list-style-type: none"> LR14.2.SC
Description: The heap size of JVM		
Remedial action: See the nodal documentation for more information.		

Table 22-254 jvmmaxheapsize

Alarm	Attributes	Applicable major releases
Name: jvmmaxheapsize (6388) Type: equipmentAlarm (3) Package: femto Raised on class: femto.HDMCluster	Severity: critical Implicitly cleared: true Default probable cause: thresholdCrossed (12)	<ul style="list-style-type: none"> LR14.2.SC
Description: The maximum heap size of JVM		
Remedial action: See the nodal documentation for more information.		

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Table 22-255 LCell_candidateNeighbourIdentified

Alarm	Attributes	Applicable major releases
Name: LCell_candidateNeighbourIdentified (6059) Type: processingErrorAlarm (81) Package: femto Raised on class: femto.LCell	Severity: minor Implicitly cleared: true Default probable cause: configurationOrCustomizationError (902)	<ul style="list-style-type: none"> LR14.2.SC
Description: In static mode neighbour list optimisation, on evaluation that a cell should be added to the neighbour list as per dynamic mode checks, the Small Cell AP shall raise an alarm, containing relevant additional information. This alarm shall be cleared by a reboot or manual addition of the candidate as a neighbour.		
Remedial action: NA		

Table 22-256 LCell_carrierReSelectionNotPossible

Alarm	Attributes	Applicable major releases
Name: LCell_carrierReSelectionNotPossible (6060) Type: operationalViolation (93) Package: femto Raised on class: femto.LCell	Severity: minor Implicitly cleared: true Default probable cause: configurationOrCustomizationError (902)	<ul style="list-style-type: none"> LR14.2.SC
Description: The fault is raised when no carrier for the FBSR could be selected under different situations, which are detailed in AdditionalText.		
Remedial action: NA		

Table 22-257 LCell_channelConfigBCHFailed

Alarm	Attributes	Applicable major releases
Name: LCell_channelConfigBCHFailed (6061) Type: operationalViolation (93) Package: femto Raised on class: femto.LCell	Severity: major Implicitly cleared: true Default probable cause: unspecifiedReason (802)	<ul style="list-style-type: none"> LR14.2.SC
Description: The configuration of the Common Channel BCH failed.		
Remedial action: NA		

Table 22-258 LCell_channelConfigFACHFailed

Alarm	Attributes	Applicable major releases
Name: LCell_channelConfigFACHFailed (6062) Type: operationalViolation (93) Package: femto Raised on class: femto.LCell	Severity: major Implicitly cleared: true Default probable cause: unspecifiedReason (802)	<ul style="list-style-type: none"> LR14.2.SC
Description: The configuration of the Common Transport Channel for FACH failed.		
Remedial action: NA		

Table 22-259 LCell_channelConfigPCHFailed

Alarm	Attributes	Applicable major releases
Name: LCell_channelConfigPCHFailed (6063) Type: operationalViolation (93) Package: femto Raised on class: femto.LCell	Severity: major Implicitly cleared: true Default probable cause: unspecifiedReason (802)	<ul style="list-style-type: none"> LR14.2.SC
Description: The configuration of the Common Transport Channel for PCH failed.		
Remedial action: NA		

Table 22-260 LCell_channelConfigPRACHFailed

Alarm	Attributes	Applicable major releases
Name: LCell_channelConfigPRACHFailed (6064) Type: operationalViolation (93) Package: femto Raised on class: femto.LCell	Severity: major Implicitly cleared: true Default probable cause: unspecifiedReason (802)	<ul style="list-style-type: none"> LR14.2.SC
Description: The configuration of the Common Transport Channel for PRACH failed.		
Remedial action: NA		

Table 22-261 LCell_codeAllocationFailure

Alarm	Attributes	Applicable major releases
Name: LCell_codeAllocationFailure (6065) Type: processingErrorAlarm (81) Package: femto Raised on class: femto.LCell	Severity: major Implicitly cleared: true Default probable cause: applicationSubsystemFailure (689)	<ul style="list-style-type: none"> LR14.2.SC

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Alarm	Attributes	Applicable major releases
Description: Channelisation code allocation failure.		
Remedial action: NA		

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Table 22-262 LCell_commonMeasInitTimeout

Alarm	Attributes	Applicable major releases
Name: LCell_commonMeasInitTimeout (6066) Type: processingErrorAlarm (81) Package: femto Raised on class: femto.LCell	Severity: major Implicitly cleared: true Default probable cause: responseTimeExcessive (716)	<ul style="list-style-type: none"> LR14.2.SC
Description: No response from BRRC on the initiation of a common measurement.		
Remedial action: NA		

Table 22-263 LCell_cpBlockRequestTimeout

Alarm	Attributes	Applicable major releases
Name: LCell_cpBlockRequestTimeout (6067) Type: processingErrorAlarm (81) Package: femto Raised on class: femto.LCell	Severity: major Implicitly cleared: true Default probable cause: responseTimeExcessive (716)	<ul style="list-style-type: none"> LR14.2.SC
Description: No response from BRRM to a Block Resource Request received from BRRC.		
Remedial action: NA		

Table 22-264 LCell_dLCongestion

Alarm	Attributes	Applicable major releases
Name: LCell_dLCongestion (6068) Type: qualityOfServiceAlarm (82) Package: femto Raised on class: femto.LCell	Severity: major Implicitly cleared: true Default probable cause: resourceAtOrNearingCapacity (715)	<ul style="list-style-type: none"> LR14.2.SC
Description: This fault is raised when the condition for DL congestion is met. The BSR starts the DL congestion control algorithm to clear the congestion.		
Remedial action: NA		

Table 22-265 LCell_hsbiteratemeasNitFail

Alarm	Attributes	Applicable major releases
Name: LCell_hsbiteratemeasNitFail (6070) Type: operationalViolation (93) Package: femto Raised on class: femto.LCell	Severity: warning Implicitly cleared: true Default probable cause: unspecifiedReason (802)	<ul style="list-style-type: none"> LR14.2.SC
Description: The initiation of the HS-DSCH provided bit rate measurement failed.		
Remedial action: NA		

Table 22-266 LCell_hsbiteratemeasStop

Alarm	Attributes	Applicable major releases
Name: LCell_hsbiteratemeasStop (6071) Type: operationalViolation (93) Package: femto Raised on class: femto.LCell	Severity: warning Implicitly cleared: true Default probable cause: unspecifiedReason (802)	<ul style="list-style-type: none"> LR14.2.SC
Description: The HS-DSCH provided bit rate measurement discontinued.		
Remedial action: NA		

Table 22-267 LCell_hsTxCarrierPowermeasNitFail

Alarm	Attributes	Applicable major releases
Name: LCell_hsTxCarrierPowermeasNitFail (6069) Type: operationalViolation (93) Package: femto Raised on class: femto.LCell	Severity: major Implicitly cleared: true Default probable cause: unspecifiedReason (802)	<ul style="list-style-type: none"> LR14.2.SC
Description: The initiation of the common measurements of the transmitted carrier power of all codes not used for HS-PDSCH or HS-SCCH transmission failed.		
Remedial action: NA		

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Table 22-268 LCell_inconsistentDetectedCellInfo

Alarm	Attributes	Applicable major releases
Name: LCell_inconsistentDetectedCellInfo (6072) Type: processingErrorAlarm (81) Package: femto Raised on class: femto.LCell	Severity: minor Implicitly cleared: true Default probable cause: configurationOrCustomizationError (902)	<ul style="list-style-type: none"> LR14.2.SC
Description: The Small Cell AP shall raise an alarm if it detects via network listening that a manually configured neighbour has incorrect configuration data. This alarm shall be cleared on reboot and/or any change to manually configured neighbours. Note: This was previously only SysLogged in BCR4.3. It is triggered if there are inconsistencies between the femtos own data and the detected BSRid, FDD Freq band, uARFCN uplink & downlink or RNCid. It is also triggered if the sniffed data is incomplete.		
Remedial action: NA		

Table 22-269 LCell_invalidSIBParameter

Alarm	Attributes	Applicable major releases
Name: LCell_invalidSIBParameter (6073) Type: processingErrorAlarm (81) Package: femto Raised on class: femto.LCell	Severity: major Implicitly cleared: true Default probable cause: unspecifiedReason (802)	<ul style="list-style-type: none"> LR14.2.SC
Description: CSIB has detected an invalid SIB parameter, and no update of SIBs is performed towards CCC.		
Remedial action: NA		

Table 22-270 LCell_invalidSIBSchedule

Alarm	Attributes	Applicable major releases
Name: LCell_invalidSIBSchedule (6074) Type: processingErrorAlarm (81) Package: femto Raised on class: femto.LCell	Severity: major Implicitly cleared: true Default probable cause: unspecifiedReason (802)	<ul style="list-style-type: none"> LR14.2.SC
Description: CSIB has detected an invalid SIB schedule, and no update of SIBs is performed towards CCC.		
Remedial action: NA		

Table 22-271 LCell_neighbourListUpdate

Alarm	Attributes	Applicable major releases
Name: LCell_neighbourListUpdate (6075) Type: processingErrorAlarm (81) Package: femto Raised on class: femto.LCell	Severity: minor Implicitly cleared: true Default probable cause: unspecifiedReason (802)	<ul style="list-style-type: none"> LR14.2.SC
Description: On evaluation of a new neighbour list, the Small Cell AP shall send an informational, non-critical alarm to the OAM system detailing the old and the new lists. Note: Alarm payload is limited to 250 characters, so the alarm with detail the complete new list, with a sequence of adds and subtractions detailing the change from the previous list. The Small Cell AP shall raise one alarm for intra-frequency neighbours, and one for inter-frequency neighbours		
Remedial action: NA		

Table 22-272 LCell_neighbourNotMeetingQualityCriteria

Alarm	Attributes	Applicable major releases
Name: LCell_neighbourNotMeetingQualityCriteria (6076) Type: processingErrorAlarm (81) Package: femto Raised on class: femto.LCell	Severity: minor Implicitly cleared: true Default probable cause: configurationOrCustomizationError (902)	<ul style="list-style-type: none"> LR14.2.SC
Description: On a neighbour cell failing quality checks, either at the end of a monitoring period or on the daily check, the Small Cell AP shall raise an alarm, detailing the failing cell ID and performance metric. This alarm shall be cleared automatically if the neighbour is removed by the operator or a subsequent operation of this algorithm in 'dynamic' mode.		
Remedial action: NA		

Table 22-273 LCell_rACHmeasInitFail

Alarm	Attributes	Applicable major releases
Name: LCell_rACHmeasInitFail (6077) Type: operationalViolation (93) Package: femto Raised on class: femto.LCell	Severity: major Implicitly cleared: true Default probable cause: unspecifiedReason (802)	<ul style="list-style-type: none"> LR14.2.SC
Description: The initiation of the RACH measurement failed.		
Remedial action: NA		

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Table 22-274 LCell_rACHmeasStop

Alarm	Attributes	Applicable major releases
Name: LCell_rACHmeasStop (6078) Type: operationalViolation (93) Package: femto Raised on class: femto.LCell	Severity: major Implicitly cleared: true Default probable cause: unspecifiedReason (802)	<ul style="list-style-type: none"> LR14.2.SC
Description: The RACH measurement discontinued.		
Remedial action: NA		

Table 22-275 LCell_rfCalibrationFailure

Alarm	Attributes	Applicable major releases
Name: LCell_rfCalibrationFailure (8180) Type: processingErrorAlarm (81) Package: femto Raised on class: femto.LCell	Severity: critical Implicitly cleared: true Default probable cause: configurationOrCustomizationError (902)	<ul style="list-style-type: none"> LR14.2.SC
Description: The cell configuration is attempting to use an RF path that has not been calibrated.		
Remedial action: NA		

Table 22-276 LCell_rfConfigurationFailure

Alarm	Attributes	Applicable major releases
Name: LCell_rfConfigurationFailure (8181) Type: processingErrorAlarm (81) Package: femto Raised on class: femto.LCell	Severity: critical Implicitly cleared: true Default probable cause: configurationOrCustomizationError (902)	<ul style="list-style-type: none"> LR14.2.SC
Description: The cell configuration is not compatible with the MS MCI RF hardware.		
Remedial action: NA		

Table 22-277 LCell_rfRxDiversityFailure

Alarm	Attributes	Applicable major releases
Name: LCell_rfRxDiversityFailure (8182) Type: equipmentAlarm (3) Package: femto Raised on class: femto.LCell	Severity: major Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> LR14.2.SC

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Alarm	Attributes	Applicable major releases
Description: Diversity reception is enabled and there is an imbalance between the receive signal levels.		
Remedial action: NA		

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Table 22-278 LCell_rfRxFailure

Alarm	Attributes	Applicable major releases
Name: LCell_rfRxFailure (8183) Type: equipmentAlarm (3) Package: femto Raised on class: femto.LCell	Severity: critical Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> LR14.2.SC
Description: The RF receiver for this cell has failed.		
Remedial action: NA		

Table 22-279 LCell_rfTemperatureCritical

Alarm	Attributes	Applicable major releases
Name: LCell_rfTemperatureCritical (8184) Type: environmentalAlarm (2) Package: femto Raised on class: femto.LCell	Severity: critical Implicitly cleared: true Default probable cause: temperatureUnacceptable (721)	<ul style="list-style-type: none"> LR14.2.SC
Description: RF components supporting this cell are outside operating temperature limits.		
Remedial action: NA		

Table 22-280 LCell_rfTemperatureWarning

Alarm	Attributes	Applicable major releases
Name: LCell_rfTemperatureWarning (8185) Type: environmentalAlarm (2) Package: femto Raised on class: femto.LCell	Severity: major Implicitly cleared: true Default probable cause: temperatureUnacceptable (721)	<ul style="list-style-type: none"> LR14.2.SC
Description: RF components supporting this cell are near operating temperature limits.		
Remedial action: NA		

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Table 22-281 LCell_rfTxFailure

Alarm	Attributes	Applicable major releases
Name: LCell_rfTxFailure (8186) Type: equipmentAlarm (3) Package: femto Raised on class: femto.LCell	Severity: critical Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> LR14.2.SC
Description: The RF transmitter for this cell has failed.		
Remedial action: NA		

Table 22-282 LCell_rfTxPowerCritical

Alarm	Attributes	Applicable major releases
Name: LCell_rfTxPowerCritical (8187) Type: equipmentAlarm (3) Package: femto Raised on class: femto.LCell	Severity: critical Implicitly cleared: true Default probable cause: transmitterFailure (641)	<ul style="list-style-type: none"> LR14.2.SC
Description: RF transmit power for this cell exceeds hardware operating limits.		
Remedial action: NA		

Table 22-283 LCell_rfTxPowerWarning

Alarm	Attributes	Applicable major releases
Name: LCell_rfTxPowerWarning (8188) Type: equipmentAlarm (3) Package: femto Raised on class: femto.LCell	Severity: major Implicitly cleared: true Default probable cause: transmitterFailure (641)	<ul style="list-style-type: none"> LR14.2.SC
Description: RF transmit power for this cell is higher than expected.		
Remedial action: NA		

Table 22-284 LCell_rSSI measInitFail

Alarm	Attributes	Applicable major releases
Name: LCell_rSSI measInitFail (6079) Type: operationalViolation (93) Package: femto Raised on class: femto.LCell	Severity: major Implicitly cleared: true Default probable cause: unspecifiedReason (802)	<ul style="list-style-type: none"> LR14.2.SC

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Alarm	Attributes	Applicable major releases
Description: The initiation of the RSSI measurement failed.		
Remedial action: NA		

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Table 22-285 LCell_rSSImeasStop

Alarm	Attributes	Applicable major releases
Name: LCell_rSSImeasStop (6080) Type: operationalViolation (93) Package: femto Raised on class: femto.LCell	Severity: major Implicitly cleared: true Default probable cause: unspecifiedReason (802)	<ul style="list-style-type: none"> LR14.2.SC
Description: The RSSI measurement discontinued.		
Remedial action: NA		

Table 22-286 LCell_sharedChannelConfigHSPAFailed

Alarm	Attributes	Applicable major releases
Name: LCell_sharedChannelConfigHSPAFailed (6082) Type: operationalViolation (93) Package: femto Raised on class: femto.LCell	Severity: major Implicitly cleared: true Default probable cause: unspecifiedReason (802)	<ul style="list-style-type: none"> LR14.2.SC
Description: The initiation of the Shared Channel for HSDPA/HSUPA failed.		
Remedial action: NA		

Table 22-287 LCell_sIBUpdateCCError

Alarm	Attributes	Applicable major releases
Name: LCell_sIBUpdateCCError (6081) Type: operationalViolation (93) Package: femto Raised on class: femto.LCell	Severity: major Implicitly cleared: true Default probable cause: unspecifiedReason (802)	<ul style="list-style-type: none"> LR14.2.SC
Description: The SIB update was not performed within CCC, the CCC specific error cause is returned.		
Remedial action: NA		

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Table 22-288 LCell_spareLCellAlarm1

Alarm	Attributes	Applicable major releases
Name: LCell_spareLCellAlarm1 (8189) Type: processingErrorAlarm (81) Package: femto Raised on class: femto.LCell	Severity: critical Implicitly cleared: true Default probable cause: unspecifiedReason (802)	<ul style="list-style-type: none"> LR14.2.SC
Description: Spare alarm 1		
Remedial action: NA		

Table 22-289 LCell_spareLCellAlarm2

Alarm	Attributes	Applicable major releases
Name: LCell_spareLCellAlarm2 (8190) Type: processingErrorAlarm (81) Package: femto Raised on class: femto.LCell	Severity: critical Implicitly cleared: true Default probable cause: unspecifiedReason (802)	<ul style="list-style-type: none"> LR14.2.SC
Description: Spare alarm 2		
Remedial action: NA		

Table 22-290 LCell_spareLCellAlarm3

Alarm	Attributes	Applicable major releases
Name: LCell_spareLCellAlarm3 (8191) Type: processingErrorAlarm (81) Package: femto Raised on class: femto.LCell	Severity: major Implicitly cleared: true Default probable cause: unspecifiedReason (802)	<ul style="list-style-type: none"> LR14.2.SC
Description: Spare alarm 3		
Remedial action: NA		

Table 22-291 LCell_tpapReleaseIndFACH

Alarm	Attributes	Applicable major releases
Name: LCell_tpapReleaseIndFACH (6085) Type: operationalViolation (93) Package: femto Raised on class: femto.LCell	Severity: major Implicitly cleared: true Default probable cause: unspecifiedReason (802)	<ul style="list-style-type: none"> LR14.2.SC

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Alarm	Attributes	Applicable major releases
Description: Tpap release indication for FACH was received by BRRM.		
Remedial action: NA		

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Table 22-292 LCell_tpapReleaseIndPCH

Alarm	Attributes	Applicable major releases
Name: LCell_tpapReleaseIndPCH (6086) Type: operationalViolation (93) Package: femto Raised on class: femto.LCell	Severity: major Implicitly cleared: true Default probable cause: unspecifiedReason (802)	<ul style="list-style-type: none"> LR14.2.SC
Description: Tpap release indication for PCH was received by BRRM.		
Remedial action: NA		

Table 22-293 LCell_tpapReleaseIndRACH

Alarm	Attributes	Applicable major releases
Name: LCell_tpapReleaseIndRACH (6087) Type: operationalViolation (93) Package: femto Raised on class: femto.LCell	Severity: major Implicitly cleared: true Default probable cause: unspecifiedReason (802)	<ul style="list-style-type: none"> LR14.2.SC
Description: Tpap release indication for RACH was received by BRRM.		
Remedial action: NA		

Table 22-294 LCell_tSSImeasNitFail

Alarm	Attributes	Applicable major releases
Name: LCell_tSSImeasNitFail (6083) Type: operationalViolation (93) Package: femto Raised on class: femto.LCell	Severity: major Implicitly cleared: true Default probable cause: unspecifiedReason (802)	<ul style="list-style-type: none"> LR14.2.SC
Description: The initiation of the TSSI measurement failed.		
Remedial action: NA		

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Table 22-295 LCell_tSSlmeasStop

Alarm	Attributes	Applicable major releases
Name: LCell_tSSlmeasStop (6084) Type: operationalViolation (93) Package: femto Raised on class: femto.LCell	Severity: major Implicitly cleared: true Default probable cause: unspecifiedReason (802)	<ul style="list-style-type: none"> LR14.2.SC
Description: The TSSI measurement discontinued.		
Remedial action: NA		

Table 22-296 LCell_uLCongestion

Alarm	Attributes	Applicable major releases
Name: LCell_uLCongestion (6088) Type: qualityOfServiceAlarm (82) Package: femto Raised on class: femto.LCell	Severity: major Implicitly cleared: true Default probable cause: resourceAtOrNearingCapacity (715)	<ul style="list-style-type: none"> LR14.2.SC
Description: This fault is raised when the condition for UL congestion is met. The BSR starts the UL congestion control algorithm to clear the congestion.		
Remedial action: NA		

Table 22-297 LCell_unknownCandidateNeighboursPSC

Alarm	Attributes	Applicable major releases
Name: LCell_unknownCandidateNeighboursPSC (6089) Type: processingErrorAlarm (81) Package: femto Raised on class: femto.LCell	Severity: minor Implicitly cleared: true Default probable cause: configurationOrCustomizationError (902)	<ul style="list-style-type: none"> LR14.2.SC
Description: If no candidate cells are identified, or if all candidates fail the quality checks after their monitoring periods, the Small Cell AP shall raise the alarm, containing the PSC and any candidate cell list as additional information. This alarm is cleared by reboot or the modification of manually configured neighbours for this Small Cell AP. The Small Cell AP shall maintain the received information until the alarm has been cleared to prevent raising the same alarm multiple times for the same PSC.		
Remedial action: NA		

Table 22-298 LicensedLimitExceeded

Alarm	Attributes	Applicable major releases
Name: LicensedLimitExceeded (127) Type: licensingAlarm (23) Package: security Raised on class: security.ProductLicense	Severity: critical Implicitly cleared: true Default probable cause: licensedLimitExceeded (106)	<ul style="list-style-type: none"> LR14.2.SC
Description: The alarm is raised when the license items in the network exceeds 100 percent of the license capacity.		
Raising condition: ('Exceeded' EQUAL 'true')		
Clearing condition: ('Exceeded' NOT EQUAL 'true')		
Remedial action: Informational - The number of SAM licenses purchased and available on the SAM server is insufficient as compared to the number of NES/MDA/Cells under management in the network. Please contact Alcatel-Lucent Sales to purchase additional licenses.		

Table 22-299 LinkDown (equipment)

Alarm	Attributes	Applicable major releases
Name: LinkDown (12) Type: communicationsAlarm (4) Package: equipment Raised on class: equipment.Equipment	Severity: major Implicitly cleared: true Default probable cause: portLinkProblem (10)	<ul style="list-style-type: none"> LR14.2.SC
Description: The alarm is raised when a port has no associated physical link or remote end point is operationally down.		
Raising condition: (('compositeEquipmentState' EQUAL 'Link Down') OR ('compositeEquipmentState' EQUAL 'Oper Down'))		
Clearing condition: (('compositeEquipmentState' NOT EQUAL 'Link Down') AND ('compositeEquipmentState' NOT EQUAL 'Oper Down'))		
Remedial action: Please make sure that port has physical link and remote end point is operationally up.		

Table 22-300 linkLoss

Alarm	Attributes	Applicable major releases
Name: linkLoss (6389) Type: communicationsAlarm (4) Package: femto Raised on class: femto.FemtoNetwork	Severity: critical Implicitly cleared: true Default probable cause: communicationsSubsystemFailure (915)	<ul style="list-style-type: none"> LR14.2.SC
Description: This alarm indicates that there was a loss of communication link with FileServer.		
Remedial action: See the nodal documentation for more information.		

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Table 22-301 LteCell_IteOamConfigurationFailure

Alarm	Attributes	Applicable major releases
Name: LteCell_IteOamConfigurationFailure (6092) Type: processingErrorAlarm (81) Package: femto Raised on class: femto.LteCell	Severity: critical Implicitly cleared: true Default probable cause: configurationOrCustomizationError (902)	<ul style="list-style-type: none"> LR14.2.SC
Description: LTE OAM configuration failure alarm		
Remedial action: NA		

Table 22-302 LteCell_IteRfCalibrationFailure

Alarm	Attributes	Applicable major releases
Name: LteCell_IteRfCalibrationFailure (8192) Type: processingErrorAlarm (81) Package: femto Raised on class: femto.LteCell	Severity: critical Implicitly cleared: true Default probable cause: configurationOrCustomizationError (902)	<ul style="list-style-type: none"> LR14.2.SC
Description: The cell configuration is attempting to use an RF path that has not been calibrated.		
Remedial action: NA		

Table 22-303 LteCell_IteRfConfigurationFailure

Alarm	Attributes	Applicable major releases
Name: LteCell_IteRfConfigurationFailure (8193) Type: processingErrorAlarm (81) Package: femto Raised on class: femto.LteCell	Severity: critical Implicitly cleared: true Default probable cause: configurationOrCustomizationError (902)	<ul style="list-style-type: none"> LR14.2.SC
Description: The cell configuration is not compatible with the MS MCI RF hardware.		
Remedial action: NA		

Table 22-304 LteCell_IteRfRxDiversityFailure

Alarm	Attributes	Applicable major releases
Name: LteCell_IteRfRxDiversityFailure (8194) Type: equipmentAlarm (3) Package: femto Raised on class: femto.LteCell	Severity: major Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> LR14.2.SC

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Alarm	Attributes	Applicable major releases
Description: Diversity reception is enabled and there is an imbalance between the receive signal levels.		
Remedial action: NA		

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Table 22-305 LteCell_IteRfRxFailure

Alarm	Attributes	Applicable major releases
Name: LteCell_IteRfRxFailure (8195) Type: equipmentAlarm (3) Package: femto Raised on class: femto.LteCell	Severity: critical Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> LR14.2.SC
Description: The RF receiver for this cell has failed.		
Remedial action: NA		

Table 22-306 LteCell_IteRfTemperatureCritical

Alarm	Attributes	Applicable major releases
Name: LteCell_IteRfTemperatureCritical (8196) Type: environmentalAlarm (2) Package: femto Raised on class: femto.LteCell	Severity: critical Implicitly cleared: true Default probable cause: temperatureUnacceptable (721)	<ul style="list-style-type: none"> LR14.2.SC
Description: RF components supporting this cell are outside operating temperature limits.		
Remedial action: NA		

Table 22-307 LteCell_IteRfTemperatureWarning

Alarm	Attributes	Applicable major releases
Name: LteCell_IteRfTemperatureWarning (8197) Type: environmentalAlarm (2) Package: femto Raised on class: femto.LteCell	Severity: major Implicitly cleared: true Default probable cause: temperatureUnacceptable (721)	<ul style="list-style-type: none"> LR14.2.SC
Description: RF components supporting this cell are near operating temperature limits.		
Remedial action: NA		

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Table 22-308 LteCell_IteRfTxFailure

Alarm	Attributes	Applicable major releases
Name: LteCell_IteRfTxFailure (8198) Type: equipmentAlarm (3) Package: femto Raised on class: femto.LteCell	Severity: critical Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> LR14.2.SC
Description: The RF transmitter for this cell has failed.		
Remedial action: NA		

Table 22-309 LteCell_IteRfTxPowerCritical

Alarm	Attributes	Applicable major releases
Name: LteCell_IteRfTxPowerCritical (8199) Type: equipmentAlarm (3) Package: femto Raised on class: femto.LteCell	Severity: critical Implicitly cleared: true Default probable cause: transmitterFailure (641)	<ul style="list-style-type: none"> LR14.2.SC
Description: RF transmit power for this cell exceeds hardware operating limits.		
Remedial action: NA		

Table 22-310 LteCell_IteRfTxPowerWarning

Alarm	Attributes	Applicable major releases
Name: LteCell_IteRfTxPowerWarning (8200) Type: equipmentAlarm (3) Package: femto Raised on class: femto.LteCell	Severity: major Implicitly cleared: true Default probable cause: transmitterFailure (641)	<ul style="list-style-type: none"> LR14.2.SC
Description: RF transmit power for this cell is higher than expected.		
Remedial action: NA		

Table 22-311 LteCell_IteRrcSctpAssociationFailure

Alarm	Attributes	Applicable major releases
Name: LteCell_IteRrcSctpAssociationFailure (6093) Type: communicationsAlarm (4) Package: femto Raised on class: femto.LteCell	Severity: major Implicitly cleared: true Default probable cause: connectionEstablishmentError (1136)	<ul style="list-style-type: none"> LR14.2.SC

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Alarm	Attributes	Applicable major releases
Description: RRC/SCTP association failure alarm		
Remedial action: NA		

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Table 22-312 LteCell_pciCollisionResolutionInProgress

Alarm	Attributes	Applicable major releases
Name: LteCell_pciCollisionResolutionInProgress (8201) Type: processingErrorAlarm (81) Package: femto Raised on class: femto.LteCell	Severity: warning Implicitly cleared: true Default probable cause: configurationOrCustomizationError (902)	<ul style="list-style-type: none"> LR14.2.SC
Description: A PCI collision between the cell and a neighbor one has been detected and a resolution attempt is in progress.		
Remedial action: NA		

Table 22-313 LteCell_pciSelectionFailure

Alarm	Attributes	Applicable major releases
Name: LteCell_pciSelectionFailure (6094) Type: processingErrorAlarm (81) Package: femto Raised on class: femto.LteCell	Severity: critical Implicitly cleared: true Default probable cause: configurationOrCustomizationError (902)	<ul style="list-style-type: none"> LR14.2.SC
Description: PCI selection failure alarm. SON detects no free PCI to be used from the provisioned list		
Remedial action: NA		

Table 22-314 LteCell_spareLteCellAlarm1

Alarm	Attributes	Applicable major releases
Name: LteCell_spareLteCellAlarm1 (8202) Type: processingErrorAlarm (81) Package: femto Raised on class: femto.LteCell	Severity: critical Implicitly cleared: true Default probable cause: unspecifiedReason (802)	<ul style="list-style-type: none"> LR14.2.SC
Description: Spare alarm 1		
Remedial action: NA		

Table 22-315 LteCell_spareLteCellAlarm2

Alarm	Attributes	Applicable major releases
Name: LteCell_spareLteCellAlarm2 (8203) Type: processingErrorAlarm (81) Package: femto Raised on class: femto.LteCell	Severity: critical Implicitly cleared: true Default probable cause: unspecifiedReason (802)	<ul style="list-style-type: none"> LR14.2.SC
Description: Spare alarm 2		
Remedial action: NA		

Table 22-316 LteCell_spareLteCellAlarm3

Alarm	Attributes	Applicable major releases
Name: LteCell_spareLteCellAlarm3 (8204) Type: processingErrorAlarm (81) Package: femto Raised on class: femto.LteCell	Severity: major Implicitly cleared: true Default probable cause: unspecifiedReason (802)	<ul style="list-style-type: none"> LR14.2.SC
Description: Spare alarm 3		
Remedial action: NA		

Table 22-317 MetroDock_metroDockHWFailure

Alarm	Attributes	Applicable major releases
Name: MetroDock_metroDockHWFailure (6101) Type: equipmentAlarm (3) Package: femto Raised on class: femto.MetroDock	Severity: major Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> LR14.2.SC
Description: This fault is raised when HW failure was detected in MetroDock or SFPS.		
Remedial action: NA		

Table 22-318 MetroDock_metroDockReceivePathFailure

Alarm	Attributes	Applicable major releases
Name: MetroDock_metroDockReceivePathFailure (6102) Type: communicationsAlarm (4) Package: femto Raised on class: femto.MetroDock	Severity: major Implicitly cleared: true Default probable cause: unspecifiedReason (802)	<ul style="list-style-type: none"> LR14.2.SC
Description: This fault is raised in case of fault in receive path.		
Remedial action: NA		

Table 22-319 MetroDock_wifiNoSignalDetected

Alarm	Attributes	Applicable major releases
Name: MetroDock_wifiNoSignalDetected (6103) Type: communicationsAlarm (4) Package: femto Raised on class: femto.MetroDock	Severity: major Implicitly cleared: true Default probable cause: unspecifiedReason (802)	<ul style="list-style-type: none"> LR14.2.SC
Description: This fault is raised if signal of link status is not detected on the Wi-Fi Ethernet port.		
Remedial action: NA		

Table 22-320 MobileConnectorDown

Alarm	Attributes	Applicable major releases
Name: MobileConnectorDown (1064) Type: EpcAlarm (59) Package: Iteservice Raised on class: Iteservice.MobileServiceConnector	Severity: minor Implicitly cleared: true Default probable cause: EpcDown (519)	<ul style="list-style-type: none"> LR14.2.SC
Description: The alarm is raised when the 5620 SAM no longer manages the EPS path instance of this mobile service site. As a result, the service must be regenerated.		
Raising condition: ('EPS Path' EQUAL "\")		
Clearing condition: ('EPS Path' NOT EQUAL "\")		
Remedial action: The underlying transport network has gone down resulting in the deletion of a mobile service connector (EPS path). Correct the issue with the transport network and regenerate the mobile service connector by clicking on the re-calculate button on the mobile service properties form.		

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Table 22-321 multicastclustermessageslostcount

Alarm	Attributes	Applicable major releases
Name: multicastclustermessageslostcount (6390) Type: equipmentAlarm (3) Package: femto Raised on class: femto.HDMCluster	Severity: minor Implicitly cleared: true Default probable cause: thresholdCrossed (12)	<ul style="list-style-type: none"> LR14.2.SC
Description: Cluster Multicast lost message rate		
Remedial action: See the nodal documentation for more information.		

Table 22-322 multicastcompletedrequests

Alarm	Attributes	Applicable major releases
Name: multicastcompletedrequests (6391) Type: equipmentAlarm (3) Package: femto Raised on class: femto.HDMCluster	Severity: minor Implicitly cleared: true Default probable cause: thresholdCrossed (12)	<ul style="list-style-type: none"> LR14.2.SC
Description: Multicast completed request count		
Remedial action: See the nodal documentation for more information.		

Table 22-323 multicastpendingrequests

Alarm	Attributes	Applicable major releases
Name: multicastpendingrequests (6392) Type: equipmentAlarm (3) Package: femto Raised on class: femto.HDMCluster	Severity: minor Implicitly cleared: true Default probable cause: thresholdCrossed (12)	<ul style="list-style-type: none"> LR14.2.SC
Description: Multicast pending request count		
Remedial action: See the nodal documentation for more information.		

Table 22-324 multipleBSRlinkloss

Alarm	Attributes	Applicable major releases
Name: multipleBSRlinkloss (8212) Type: communicationsAlarm (4) Package: femto Raised on class: femto.HDMCluster	Severity: critical Implicitly cleared: true Default probable cause: communicationsSubsystemFailure (915)	<ul style="list-style-type: none"> LR14.2.SC

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Alarm	Attributes	Applicable major releases
Description: Loss of supervision for Multiple BSR		
Remedial action: NA		

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Table 22-325 nbcapturedevice

Alarm	Attributes	Applicable major releases
Name: nbcapturedevice (6393) Type: equipmentAlarm (3) Package: femto Raised on class: femto.HDMCluster	Severity: minor Implicitly cleared: true Default probable cause: thresholdCrossed (12)	<ul style="list-style-type: none"> LR14.2.SC
Description: number of nbi captureDevice		
Remedial action: See the nodal documentation for more information.		

Table 22-326 nbcapturedeviceavg

Alarm	Attributes	Applicable major releases
Name: nbcapturedeviceavg (6394) Type: equipmentAlarm (3) Package: femto Raised on class: femto.HDMCluster	Severity: minor Implicitly cleared: true Default probable cause: thresholdCrossed (12)	<ul style="list-style-type: none"> LR14.2.SC
Description: number of nbi captureDevice.avg		
Remedial action: See the nodal documentation for more information.		

Table 22-327 nbclearalarm

Alarm	Attributes	Applicable major releases
Name: nbclearalarm (6395) Type: equipmentAlarm (3) Package: femto Raised on class: femto.HDMCluster	Severity: minor Implicitly cleared: true Default probable cause: thresholdCrossed (12)	<ul style="list-style-type: none"> LR14.2.SC
Description: number of nbi clearAlarm		
Remedial action: See the nodal documentation for more information.		

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Table 22-328 nbclearalarmavg

Alarm	Attributes	Applicable major releases
Name: nbclearalarmavg (6396) Type: equipmentAlarm (3) Package: femto Raised on class: femto.HDMCluster	Severity: minor Implicitly cleared: true Default probable cause: thresholdCrossed (12)	<ul style="list-style-type: none"> LR14.2.SC
Description: number of nbi clearAlarm.avg		
Remedial action: See the nodal documentation for more information.		

Table 22-329 nbcreatedevice

Alarm	Attributes	Applicable major releases
Name: nbcreatedevice (6397) Type: equipmentAlarm (3) Package: femto Raised on class: femto.HDMCluster	Severity: minor Implicitly cleared: true Default probable cause: thresholdCrossed (12)	<ul style="list-style-type: none"> LR14.2.SC
Description: number of nbi createDevice		
Remedial action: See the nodal documentation for more information.		

Table 22-330 nbcreatedeviceavg

Alarm	Attributes	Applicable major releases
Name: nbcreatedeviceavg (6398) Type: equipmentAlarm (3) Package: femto Raised on class: femto.HDMCluster	Severity: minor Implicitly cleared: true Default probable cause: thresholdCrossed (12)	<ul style="list-style-type: none"> LR14.2.SC
Description: number of nbi createDevice.avg		
Remedial action: See the nodal documentation for more information.		

Table 22-331 nbcreatesingledeviceoperation

Alarm	Attributes	Applicable major releases
Name: nbcreatesingledeviceoperation (6399) Type: equipmentAlarm (3) Package: femto Raised on class: femto.HDMCluster	Severity: minor Implicitly cleared: true Default probable cause: thresholdCrossed (12)	<ul style="list-style-type: none"> LR14.2.SC

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Alarm	Attributes	Applicable major releases
Description: number of nbi createSingleDeviceOperation		
Remedial action: See the nodal documentation for more information.		

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Table 22-332 nbicreatesingledeviceoperationavg

Alarm	Attributes	Applicable major releases
Name: nbicreatesingledeviceoperationavg (6400) Type: equipmentAlarm (3) Package: femto Raised on class: femto.HDMCluster	Severity: minor Implicitly cleared: true Default probable cause: thresholdCrossed (12)	<ul style="list-style-type: none"> LR14.2.SC
Description: number of nbi createSingleDeviceOperation.avg		
Remedial action: See the nodal documentation for more information.		

Table 22-333 nbicreatesingledeviceoperationbydeviceguid

Alarm	Attributes	Applicable major releases
Name: nbicreatesingledeviceoperationbydeviceguid (6401) Type: equipmentAlarm (3) Package: femto Raised on class: femto.HDMCluster	Severity: minor Implicitly cleared: true Default probable cause: thresholdCrossed (12)	<ul style="list-style-type: none"> LR14.2.SC
Description: number of nbi createSingleDeviceOperationByDeviceGUID		
Remedial action: See the nodal documentation for more information.		

Table 22-334 nbicreatesingledeviceoperationbydeviceguidavg

Alarm	Attributes	Applicable major releases
Name: nbicreatesingledeviceoperationbydeviceguidavg (6402) Type: equipmentAlarm (3) Package: femto Raised on class: femto.HDMCluster	Severity: minor Implicitly cleared: true Default probable cause: thresholdCrossed (12)	<ul style="list-style-type: none"> LR14.2.SC
Description: number of nbi createSingleDeviceOperationByDeviceGUID.avg		
Remedial action: See the nodal documentation for more information.		

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Table 22-335 nbifinddevicebyguid

Alarm	Attributes	Applicable major releases
Name: nbifinddevicebyguid (6403) Type: equipmentAlarm (3) Package: femto Raised on class: femto.HDMCluster	Severity: minor Implicitly cleared: true Default probable cause: thresholdCrossed (12)	<ul style="list-style-type: none"> LR14.2.SC
Description: number of nbi findDeviceByGUID		
Remedial action: See the nodal documentation for more information.		

Table 22-336 nbifinddevicebyguidavg

Alarm	Attributes	Applicable major releases
Name: nbifinddevicebyguidavg (6404) Type: equipmentAlarm (3) Package: femto Raised on class: femto.HDMCluster	Severity: minor Implicitly cleared: true Default probable cause: thresholdCrossed (12)	<ul style="list-style-type: none"> LR14.2.SC
Description: number of nbi findDeviceByGUID.avg		
Remedial action: See the nodal documentation for more information.		

Table 22-337 nbifinddevices

Alarm	Attributes	Applicable major releases
Name: nbifinddevices (6405) Type: equipmentAlarm (3) Package: femto Raised on class: femto.HDMCluster	Severity: minor Implicitly cleared: true Default probable cause: thresholdCrossed (12)	<ul style="list-style-type: none"> LR14.2.SC
Description: number of nbi findDevices		
Remedial action: See the nodal documentation for more information.		

Table 22-338 nbifinddevicesavg

Alarm	Attributes	Applicable major releases
Name: nbifinddevicesavg (6406) Type: equipmentAlarm (3) Package: femto Raised on class: femto.HDMCluster	Severity: minor Implicitly cleared: true Default probable cause: thresholdCrossed (12)	<ul style="list-style-type: none"> LR14.2.SC

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Alarm	Attributes	Applicable major releases
Description: number of nbi findDevices.avg		
Remedial action: See the nodal documentation for more information.		

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Table 22-339 nbigetactivealarms

Alarm	Attributes	Applicable major releases
Name: nbigetactivealarms (6407) Type: equipmentAlarm (3) Package: femto Raised on class: femto.HDMCluster	Severity: minor Implicitly cleared: true Default probable cause: thresholdCrossed (12)	<ul style="list-style-type: none"> LR14.2.SC
Description: number of nbi getActiveAlarms		
Remedial action: See the nodal documentation for more information.		

Table 22-340 nbigetactivealarmsavg

Alarm	Attributes	Applicable major releases
Name: nbigetactivealarmsavg (6408) Type: equipmentAlarm (3) Package: femto Raised on class: femto.HDMCluster	Severity: minor Implicitly cleared: true Default probable cause: thresholdCrossed (12)	<ul style="list-style-type: none"> LR14.2.SC
Description: number of nbi getActiveAlarms.avg		
Remedial action: See the nodal documentation for more information.		

Table 22-341 nbigetcacheddatamodelparameters

Alarm	Attributes	Applicable major releases
Name: nbigetcacheddatamodelparameters (6409) Type: equipmentAlarm (3) Package: femto Raised on class: femto.HDMCluster	Severity: minor Implicitly cleared: true Default probable cause: thresholdCrossed (12)	<ul style="list-style-type: none"> LR14.2.SC
Description: number of nbi getCachedDataModelParameters		
Remedial action: See the nodal documentation for more information.		

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Table 22-342 nbigetcacheddatamodelparametersavg

Alarm	Attributes	Applicable major releases
Name: nbigetcacheddatamodelparametersavg (6410) Type: equipmentAlarm (3) Package: femto Raised on class: femto.HDMCluster	Severity: minor Implicitly cleared: true Default probable cause: thresholdCrossed (12)	<ul style="list-style-type: none"> LR14.2.SC
Description: number of nbi getCachedDataModelParameters.avg		
Remedial action: See the nodal documentation for more information.		

Table 22-343 nbiinitiateconnectionrequest

Alarm	Attributes	Applicable major releases
Name: nbiinitiateconnectionrequest (6411) Type: equipmentAlarm (3) Package: femto Raised on class: femto.HDMCluster	Severity: minor Implicitly cleared: true Default probable cause: thresholdCrossed (12)	<ul style="list-style-type: none"> LR14.2.SC
Description: number of nbi initiateConnectionRequest		
Remedial action: See the nodal documentation for more information.		

Table 22-344 nbiinitiateconnectionrequestavg

Alarm	Attributes	Applicable major releases
Name: nbiinitiateconnectionrequestavg (6412) Type: equipmentAlarm (3) Package: femto Raised on class: femto.HDMCluster	Severity: minor Implicitly cleared: true Default probable cause: thresholdCrossed (12)	<ul style="list-style-type: none"> LR14.2.SC
Description: number of nbi initiateConnectionRequest.avg		
Remedial action: See the nodal documentation for more information.		

Table 22-345 nbiraisearm

Alarm	Attributes	Applicable major releases
Name: nbiraisearm (6413) Type: equipmentAlarm (3) Package: femto Raised on class: femto.HDMCluster	Severity: minor Implicitly cleared: true Default probable cause: thresholdCrossed (12)	<ul style="list-style-type: none"> LR14.2.SC
Description: number of nbi raiseAlarm		
Remedial action: See the nodal documentation for more information.		

Table 22-346 nbiraisearmavg

Alarm	Attributes	Applicable major releases
Name: nbiraisearmavg (6414) Type: equipmentAlarm (3) Package: femto Raised on class: femto.HDMCluster	Severity: minor Implicitly cleared: true Default probable cause: thresholdCrossed (12)	<ul style="list-style-type: none"> LR14.2.SC
Description: number of nbi raiseAlarm.avg		
Remedial action: See the nodal documentation for more information.		

Table 22-347 nbiregisterdevice

Alarm	Attributes	Applicable major releases
Name: nbiregisterdevice (6415) Type: equipmentAlarm (3) Package: femto Raised on class: femto.HDMCluster	Severity: minor Implicitly cleared: true Default probable cause: thresholdCrossed (12)	<ul style="list-style-type: none"> LR14.2.SC
Description: number of nbi registerDevice		
Remedial action: See the nodal documentation for more information.		

Table 22-348 nbiregisterdeviceavg

Alarm	Attributes	Applicable major releases
Name: nbiregisterdeviceavg (6416) Type: equipmentAlarm (3) Package: femto Raised on class: femto.HDMCluster	Severity: minor Implicitly cleared: true Default probable cause: thresholdCrossed (12)	<ul style="list-style-type: none"> LR14.2.SC

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Alarm	Attributes	Applicable major releases
Description: number of nbi registerDevice.avg		
Remedial action: See the nodal documentation for more information.		

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Table 22-349 nbireleasedevice

Alarm	Attributes	Applicable major releases
Name: nbireleasedevice (6417) Type: equipmentAlarm (3) Package: femto Raised on class: femto.HDMCluster	Severity: minor Implicitly cleared: true Default probable cause: thresholdCrossed (12)	<ul style="list-style-type: none"> LR14.2.SC
Description: number of nbi releaseDevice		
Remedial action: See the nodal documentation for more information.		

Table 22-350 nbireleasedeviceavg

Alarm	Attributes	Applicable major releases
Name: nbireleasedeviceavg (6418) Type: equipmentAlarm (3) Package: femto Raised on class: femto.HDMCluster	Severity: minor Implicitly cleared: true Default probable cause: thresholdCrossed (12)	<ul style="list-style-type: none"> LR14.2.SC
Description: number of nbi releaseDevice.avg		
Remedial action: See the nodal documentation for more information.		

Table 22-351 nbireruneventtriggeredpolicy

Alarm	Attributes	Applicable major releases
Name: nbireruneventtriggeredpolicy (6419) Type: equipmentAlarm (3) Package: femto Raised on class: femto.HDMCluster	Severity: minor Implicitly cleared: true Default probable cause: thresholdCrossed (12)	<ul style="list-style-type: none"> LR14.2.SC
Description: number of nbi rerunEventTriggeredPolicy		
Remedial action: See the nodal documentation for more information.		

Table 22-352 nbiruneventtriggeredpolicyavg

Alarm	Attributes	Applicable major releases
Name: nbiruneventtriggeredpolicyavg (6420) Type: equipmentAlarm (3) Package: femto Raised on class: femto.HDMCluster	Severity: minor Implicitly cleared: true Default probable cause: thresholdCrossed (12)	<ul style="list-style-type: none"> LR14.2.SC
Description: number of nbi rerunEventTriggeredPolicy.avg		
Remedial action: See the nodal documentation for more information.		

Table 22-353 nbiruneventtriggeredpolicies

Alarm	Attributes	Applicable major releases
Name: nbiruneventtriggeredpolicies (6421) Type: equipmentAlarm (3) Package: femto Raised on class: femto.HDMCluster	Severity: minor Implicitly cleared: true Default probable cause: thresholdCrossed (12)	<ul style="list-style-type: none"> LR14.2.SC
Description: number of nbi runEventTriggeredPolicies		
Remedial action: See the nodal documentation for more information.		

Table 22-354 nbiruneventtriggeredpoliciesavg

Alarm	Attributes	Applicable major releases
Name: nbiruneventtriggeredpoliciesavg (6422) Type: equipmentAlarm (3) Package: femto Raised on class: femto.HDMCluster	Severity: minor Implicitly cleared: true Default probable cause: thresholdCrossed (12)	<ul style="list-style-type: none"> LR14.2.SC
Description: number of nbi runEventTriggeredPolicies.avg		
Remedial action: See the nodal documentation for more information.		

Table 22-355 nbiupdatedevicebydeviceid

Alarm	Attributes	Applicable major releases
Name: nbiupdatedevicebydeviceid (6423) Type: equipmentAlarm (3) Package: femto Raised on class: femto.HDMCluster	Severity: minor Implicitly cleared: true Default probable cause: thresholdCrossed (12)	<ul style="list-style-type: none"> LR14.2.SC

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Alarm	Attributes	Applicable major releases
Description: number of nbi updateDeviceByDeviceID		
Remedial action: See the nodal documentation for more information.		

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Table 22-356 nbiupdatedevicebydeviceidavg

Alarm	Attributes	Applicable major releases
Name: nbiupdatedevicebydeviceidavg (6424) Type: equipmentAlarm (3) Package: femto Raised on class: femto.HDMCluster	Severity: minor Implicitly cleared: true Default probable cause: thresholdCrossed (12)	<ul style="list-style-type: none"> LR14.2.SC
Description: number of nbi updateDeviceByDeviceID.avg		
Remedial action: See the nodal documentation for more information.		

Table 22-357 nbiupdatedevicebyguid

Alarm	Attributes	Applicable major releases
Name: nbiupdatedevicebyguid (6425) Type: equipmentAlarm (3) Package: femto Raised on class: femto.HDMCluster	Severity: minor Implicitly cleared: true Default probable cause: thresholdCrossed (12)	<ul style="list-style-type: none"> LR14.2.SC
Description: number of nbi updateDeviceByGUID		
Remedial action: See the nodal documentation for more information.		

Table 22-358 nbiupdatedevicebyguidavg

Alarm	Attributes	Applicable major releases
Name: nbiupdatedevicebyguidavg (6426) Type: equipmentAlarm (3) Package: femto Raised on class: femto.HDMCluster	Severity: minor Implicitly cleared: true Default probable cause: thresholdCrossed (12)	<ul style="list-style-type: none"> LR14.2.SC
Description: number of nbi updateDeviceByGUID.avg		
Remedial action: See the nodal documentation for more information.		

Table 22-359 NeManagementAndTrapManagementMismatch

Alarm	Attributes	Applicable major releases
Name: NeManagementAndTrapManagementMismatch (1079) Type: communicationsAlarm (4) Package: netw Raised on class: netw.NetworkElement	Severity: warning Implicitly cleared: true Default probable cause: neManagementChange (817)	<ul style="list-style-type: none"> LR14.2.SC
Description: This user-defined alarm is raised when the NE configuration is one of the following: - The Active Management IP is set to Out Of Band, and the Primary Route Preference is set to In Band. - The Active Management IP is set to In Band, and the Primary Route Preference is set to Out of Band.		
Raising condition: (((('Active Management IP' EQUAL 'In Band') AND (('Management IP Selection' EQUAL 'In Band Preferred') OR ('Management IP Selection' EQUAL 'In Band Only'))) AND ('Primary Route Preference' EQUAL 'Out Of Band') AND ('Secondary Route Preference' EQUAL 'In Band')) OR (('Active Management IP' EQUAL 'Out Of Band') AND (('Management IP Selection' EQUAL 'Out Of Band Preferred') OR ('Management IP Selection' EQUAL 'Out Of Band Only'))) AND ('Primary Route Preference' EQUAL 'In Band') AND ('Secondary Route Preference' EQUAL 'Out Of Band'))		
Clearing condition: (((('Active Management IP' EQUAL 'In Band') AND (('Management IP Selection' EQUAL 'In Band Preferred') OR ('Management IP Selection' EQUAL 'In Band Only'))) AND ('Primary Route Preference' EQUAL 'In Band')) OR (('Active Management IP' EQUAL 'Out Of Band') AND (('Management IP Selection' EQUAL 'Out Of Band Preferred') OR ('Management IP Selection' EQUAL 'Out Of Band Only'))) AND ('Primary Route Preference' EQUAL 'Out Of Band'))		
Remedial action: A configuration error has been made which must be corrected. The parameters described in the description for this alarm must match.		

Table 22-360 NewSsh2ServerKeyDetected

Alarm	Attributes	Applicable major releases
Name: NewSsh2ServerKeyDetected (285) Type: communicationsAlarm (4) Package: security Raised on class: security.KnownHostKey	Severity: warning Implicitly cleared: true Default probable cause: ssh2ServerKeyMismatch (217)	<ul style="list-style-type: none"> LR14.2.SC
Description: The alarm is raised when a 5620 SAM main server detects a new public SSH key.		
Raising condition: ('SSH2 Server Key Status' EQUAL 'Mismatch SSH2 Host Key')		
Clearing condition: ('SSH2 Server Key Status' EQUAL 'Active SSH2 Host Key')		
Remedial action: Informational - possible security breach. The SSH key of the router is different from the one known to the SAM server.		

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Table 22-361 NodeDatabaseFallbackDetected

Alarm	Attributes	Applicable major releases
Name: NodeDatabaseFallbackDetected (2923) Type: communicationsAlarm (4) Package: netw Raised on class: netw.NetworkElement	Severity: major Implicitly cleared: true Default probable cause: nodeDatabaseFallback (1121)	<ul style="list-style-type: none"> LR14.2.SC
Description: The alarm is raised when a configuration fallback is detected on the node and comes back up with a previous configuration. To correct this situation it might be necessary to reconfigure the node, or perform full resync its database with the 'fallback' configuration returned by the node.		
Raising condition: ('State' EQUAL 'Node Configuration Fallback')		
Clearing condition: ('State' EQUAL 'Managed')		
Remedial action: the NE has come back to a previous configuration. Perform a manual Full Resync or a Reconfigure of the NE		

Table 22-362 NodeDatabaseMisalignmentDetected

Alarm	Attributes	Applicable major releases
Name: NodeDatabaseMisalignmentDetected (2924) Type: communicationsAlarm (4) Package: netw Raised on class: netw.NetworkElement	Severity: major Implicitly cleared: true Default probable cause: nodeDatabaseMisalignment (1122)	<ul style="list-style-type: none"> LR14.2.SC
Description: The alarm is raised when a configuration misalignment has been detected on the node and comes back up with an unexpected configuration (configuration change triggered by external tool) To correct this situation it might be necessary to reconfigure the node with the 5620 SAM's old configuration or accept the new configuration received from the node.		
Raising condition: ('State' EQUAL 'Node Configuration Misalignment')		
Clearing condition: ('State' EQUAL 'Managed')		
Remedial action: the NE configuration is misaligned. Perform a resync in order to update SAM configuration according to the NE.		

Table 22-363 NodeSuspended

Alarm	Attributes	Applicable major releases
Name: NodeSuspended (5123) Type: communicationsAlarm (4) Package: netw Raised on class: netw.NetworkElement	Severity: critical Implicitly cleared: true Default probable cause: NodeSuspend (2057)	<ul style="list-style-type: none"> LR14.2.SC
Description: The alarm is raised when the 5620 SAM detects an NE moved to suspend state as per user request.		
Raising condition: ('SNMP Reachability' EQUAL 'Suspended')		
Clearing condition: ('SNMP Reachability' NOT EQUAL 'Suspended')		
Remedial action: This alarm is raised when user suspends the network element. The alarm will be cleared when the network element is managed back.		

Table 22-364 OAM_160

Alarm	Attributes	Applicable major releases
Name: OAM_160 (6158) Type: communicationsAlarm (4) Package: femto Raised on class: femto.FemtoCluster	Severity: critical Implicitly cleared: true Default probable cause: communicationsSubsystemFailure (915)	<ul style="list-style-type: none"> LR14.2.SC
Description: Loss of OAM link between OMC and HNM.		
Remedial action: No particular action is required. This notification may be required by Global Product Support for debugging purposes		

Table 22-365 OAM_161

Alarm	Attributes	Applicable major releases
Name: OAM_161 (6159) Type: qualityOfServiceAlarm (82) Package: femto Raised on class: femto.Femto	Severity: major Implicitly cleared: true Default probable cause: underlyingResourceUnavailable (724)	<ul style="list-style-type: none"> LR14.2.SC
Description: BSR is not operational or the OSI state is degraded		
Remedial action: Check the operationalState and availabilityStatus of the BSR MO on HDM		

Table 22-366 OAM_162

Alarm	Attributes	Applicable major releases
Name: OAM_162 (6160) Type: communicationsAlarm (4) Package: femto Raised on class: femto.FemtoCluster	Severity: critical Implicitly cleared: true Default probable cause: communicationsSubsystemFailure (915)	<ul style="list-style-type: none"> LR14.2.SC
Description: Loss of communication link between WMS and FileServer		
Remedial action: Check the communication link between WMS and FileServer. This notification may be required by Global Product Support for debugging purposes		

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Table 22-367 OAM_163

Alarm	Attributes	Applicable major releases
Name: OAM_163 (6161) Type: equipmentAlarm (3) Package: femto Raised on class: femto.Femto	Severity: major Implicitly cleared: true Default probable cause: underlyingResourceUnavailable (724)	<ul style="list-style-type: none"> LR14.2.SC
Description: Allocated license issue.		
Remedial action: Check WLM Web GUI to get more information on the current license settings.		

Table 22-368 OAM_164

Alarm	Attributes	Applicable major releases
Name: OAM_164 (6162) Type: processingErrorAlarm (81) Package: femto Raised on class: femto.Femto	Severity: warning Implicitly cleared: true Default probable cause: configurationOrCustomizationError (902)	<ul style="list-style-type: none"> LR14.2.SC
Description: Self optimization operation not triggered for the Femto Network Element.		
Remedial action: NA		

Table 22-369 OAM_165

Alarm	Attributes	Applicable major releases
Name: OAM_165 (6163) Type: operationalViolation (93) Package: femto Raised on class: femto.Femto	Severity: minor Implicitly cleared: true Default probable cause: underlyingResourceUnavailable (724)	<ul style="list-style-type: none"> LR14.2.SC
Description: Self optimization was not successfull for Femto		
Remedial action: NA		

Table 22-370 OrphanNodeDetected

Alarm	Attributes	Applicable major releases
Name: OrphanNodeDetected (4866) Type: discoveryControlAlarm (33) Package: netw Raised on class: netw.AdvertisedNode	Severity: major Implicitly cleared: true Default probable cause: nodeNotMangedByAnyEms (1934)	<ul style="list-style-type: none"> LR14.2.SC

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Alarm	Attributes	Applicable major releases
Description: The alarm is raised when node is node managed by any EMS after n retries(threshold crossed) it is manually cleared by the operator or when the node is discovered.		
Raising condition: ('State' EQUAL 'Orphan')		
Remedial action: The NE is not managed by any SAM.Add an discovery rule in order to managed it.		

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Table 22-371 osavailableprocessercount

Alarm	Attributes	Applicable major releases
Name: osavailableprocessercount (6427) Type: equipmentAlarm (3) Package: femto Raised on class: femto.HDMCluster	Severity: critical Implicitly cleared: true Default probable cause: thresholdCrossed (12)	<ul style="list-style-type: none"> LR14.2.SC
Description: The number of processer available to os		
Remedial action: See the nodal documentation for more information.		

Table 22-372 oscommittedvirtualmemory

Alarm	Attributes	Applicable major releases
Name: oscommittedvirtualmemory (6428) Type: equipmentAlarm (3) Package: femto Raised on class: femto.HDMCluster	Severity: critical Implicitly cleared: true Default probable cause: thresholdCrossed (12)	<ul style="list-style-type: none"> LR14.2.SC
Description: The Number of committed virtual memory		
Remedial action: See the nodal documentation for more information.		

Table 22-373 osfreephysicalmemory

Alarm	Attributes	Applicable major releases
Name: osfreephysicalmemory (6429) Type: equipmentAlarm (3) Package: femto Raised on class: femto.HDMCluster	Severity: critical Implicitly cleared: true Default probable cause: thresholdCrossed (12)	<ul style="list-style-type: none"> LR14.2.SC
Description: The Number of free memory		
Remedial action: See the nodal documentation for more information.		

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Table 22-374 osfreeswapSPACE

Alarm	Attributes	Applicable major releases
Name: osfreeswapSPACE (6430) Type: equipmentAlarm (3) Package: femto Raised on class: femto.HDMCluster	Severity: critical Implicitly cleared: true Default probable cause: thresholdCrossed (12)	<ul style="list-style-type: none"> LR14.2.SC
Description: Free swap space size		
Remedial action: See the nodal documentation for more information.		

Table 22-375 osmaxfiledescriptor

Alarm	Attributes	Applicable major releases
Name: osmaxfiledescriptor (6431) Type: equipmentAlarm (3) Package: femto Raised on class: femto.HDMCluster	Severity: critical Implicitly cleared: true Default probable cause: thresholdCrossed (12)	<ul style="list-style-type: none"> LR14.2.SC
Description: Maximum file descriptor		
Remedial action: See the nodal documentation for more information.		

Table 22-376 osopenfiledescriptor

Alarm	Attributes	Applicable major releases
Name: osopenfiledescriptor (6432) Type: equipmentAlarm (3) Package: femto Raised on class: femto.HDMCluster	Severity: critical Implicitly cleared: true Default probable cause: thresholdCrossed (12)	<ul style="list-style-type: none"> LR14.2.SC
Description: The number of open file descriptor		
Remedial action: See the nodal documentation for more information.		

Table 22-377 osprocessuptime

Alarm	Attributes	Applicable major releases
Name: osprocessuptime (6433) Type: equipmentAlarm (3) Package: femto Raised on class: femto.HDMCluster	Severity: critical Implicitly cleared: true Default probable cause: thresholdCrossed (12)	<ul style="list-style-type: none"> LR14.2.SC

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Alarm	Attributes	Applicable major releases
Description: The CPU time		
Remedial action: See the nodal documentation for more information.		

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Table 22-378 ostotalphysicalmemory

Alarm	Attributes	Applicable major releases
Name: ostotalphysicalmemory (6434) Type: equipmentAlarm (3) Package: femto Raised on class: femto.HDMCluster	Severity: critical Implicitly cleared: true Default probable cause: thresholdCrossed (12)	<ul style="list-style-type: none"> LR14.2.SC
Description: Total Physical memory		
Remedial action: See the nodal documentation for more information.		

Table 22-379 ostotalswapspace

Alarm	Attributes	Applicable major releases
Name: ostotalswapspace (6435) Type: equipmentAlarm (3) Package: femto Raised on class: femto.HDMCluster	Severity: critical Implicitly cleared: true Default probable cause: thresholdCrossed (12)	<ul style="list-style-type: none"> LR14.2.SC
Description: Total number of free sawp space		
Remedial action: See the nodal documentation for more information.		

Table 22-380 PartialResyncProblem

Alarm	Attributes	Applicable major releases
Name: PartialResyncProblem (4401) Type: communicationsAlarm (4) Package: netw Raised on class: netw.NetworkElement	Severity: warning Implicitly cleared: true Default probable cause: partialResyncProblem (1578)	<ul style="list-style-type: none"> LR14.2.SC
Description: The alarm is raised when a partial resync on an NE fails. For example, when resyncing only some MIB entries as opposed to a full resync. The periodic reachability test (sysUpTime) is not considered a partial resync, neither is a full resync. However, a PartialResyncProblem alarm can only be reset by a FullResync.		
Raising condition: ('partialResyncStatus' EQUAL 'Partial Resync Failed')		
Clearing condition: ('partialResyncStatus' EQUAL 'Partial Resync Done')		

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Alarm	Attributes	Applicable major releases
Remedial action: Informational - if the alarm persists or is occurring frequently then investigation is required to understand a) why the underlying transport network is unreliable or b) why the NE is too busy to respond to 5620 SAM or c) has SNMP been disabled on the NE.		

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Table 22-381 periodicinformpercentage

Alarm	Attributes	Applicable major releases
Name: periodicinformpercentage (6436) Type: equipmentAlarm (3) Package: femto Raised on class: femto.HDMCluster	Severity: major Implicitly cleared: true Default probable cause: thresholdCrossed (12)	<ul style="list-style-type: none"> LR14.2.SC
Description: Percentage of periodic informs		
Remedial action: See the nodal documentation for more information.		

Table 22-382 PersistentIndexParametersMisconfigured

Alarm	Attributes	Applicable major releases
Name: PersistentIndexParametersMisconfigured (173) Type: configurationAlarm (11) Package: netw Raised on class: netw.NetworkElement	Severity: major Implicitly cleared: true Default probable cause: persistentIndexConfigurationMismatch (136)	<ul style="list-style-type: none"> LR14.2.SC
Description: The alarm is raised when persistence is set to Off in the NE BOF.		
Raising condition: (('Persistent SNMP Indices' EQUAL 'False') OR (('hasRedundantProcessorCards' EQUAL 'true') AND ('Redundant Synchronization Mode' EQUAL 'None')))		
Clearing condition: (('Persistent SNMP Indices' EQUAL 'True') AND (('hasRedundantProcessorCards' EQUAL 'false') OR ('Redundant Synchronization Mode' NOT EQUAL 'None')))		
Remedial action: A configuration error has occurred that must be corrected. Use the CLI on the NE to enable persistency in the BOF. The discovery process will complete on the next discovery scan. A re-scan can be triggered immediately for the NE from within the discovery manager		

Table 22-383 PM_pmAuthenticationError

Alarm	Attributes	Applicable major releases
Name: PM_pmAuthenticationError (6168) Type: communicationsAlarm (4) Package: femto Raised on class: femto.PM	Severity: critical Implicitly cleared: true Default probable cause: unauthorizedAccessAttempt (800)	<ul style="list-style-type: none"> LR14.2.SC

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Alarm	Attributes	Applicable major releases
Description: The authentication error when transferring PM files.		
Remedial action: NA		

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Table 22-384 PM_pmCommunicationError

Alarm	Attributes	Applicable major releases
Name: PM_pmCommunicationError (6169) Type: communicationsAlarm (4) Package: femto Raised on class: femto.PM	Severity: warning Implicitly cleared: true Default probable cause: responseTimeExcessive (716)	<ul style="list-style-type: none"> LR14.2.SC
Description: Failure to transferring PM files even after retries.		
Remedial action: NA		

Table 22-385 PollerProblem

Alarm	Attributes	Applicable major releases
Name: PollerProblem (31) Type: communicationsAlarm (4) Package: netw Raised on class: netw.NetworkElement	Severity: warning Implicitly cleared: true Default probable cause: resyncFailed (24)	<ul style="list-style-type: none"> LR14.2.SC
Description: The alarm is raised when the 5620 SAM is unable to poll a network object, for example, because of intermittent or no IP connectivity to an NE, incorrect SNMP security parameters, or disabled SNMP on the NE.		
Raising condition: ('Resync Status' EQUAL 'Full Resync Failed')		
Clearing condition: ('Resync Status' EQUAL 'Full Resync Done')		
Remedial action: Informational - if the alarm persists or is occurring frequently then investigation is required to understand a) why the underlying transport network is unreliable or b) why the NE is too busy to respond to 5620 SAM or c) has SNMP been disabled on the NE. Once the issue has been resolved SAM will automatically re-attempt.		

Table 22-386 PrimaryImageBootFailure

Alarm	Attributes	Applicable major releases
Name: PrimaryImageBootFailure (191) Type: configurationAlarm (11) Package: sw Raised on class: sw.CardSoftware	Severity: warning Implicitly cleared: true Default probable cause: bootOptionFileMisconfigured (150)	<ul style="list-style-type: none"> LR14.2.SC
Description: The alarm is raised when the primary software image specified in an NE BOF is unusable.		

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Alarm	Attributes	Applicable major releases
Raising condition: (('imageSource' NOT EQUAL 'Primary') AND ('imageSource' NOT EQUAL 'Unknown'))		
Clearing condition: (('imageSource' EQUAL 'Primary') OR ('imageSource' EQUAL 'Unknown'))		
Remedial action: The SW image on the NE may have been inadvertently corrupted. Download a new copy of the SW image to the NE. If the problem persists contact Alcatel-Lucent support for assistance.		

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Table 22-387 Radio_clockSynchronisationFailure

Alarm	Attributes	Applicable major releases
Name: Radio_clockSynchronisationFailure (6195) Type: equipmentAlarm (3) Package: femto Raised on class: femto.Radio	Severity: critical Implicitly cleared: true Default probable cause: timingProblem (903)	<ul style="list-style-type: none"> LR14.2.SC
Description: This fault is raised if discipline process fails, i.e. the convergence does not occur within 4 hours of convergence time. The NTP servers are reachable but the NTP Client is not in 'synced' state.		
Remedial action: NA		

Table 22-388 Radio_freqSynchronisationFailure

Alarm	Attributes	Applicable major releases
Name: Radio_freqSynchronisationFailure (8205) Type: equipmentAlarm (3) Package: femto Raised on class: femto.Radio	Severity: critical Implicitly cleared: true Default probable cause: timingProblem (903)	<ul style="list-style-type: none"> LR14.2.SC
Description: This fault is raised if no discipline source is available and the oscillator holdover period has been exceeded such that frequency may no longer meet system requirements. (A separate alarm is defined for reporting phase synchronization failure).		
Remedial action: NA		

Table 22-389 Radio_gpsServiceUnavailable

Alarm	Attributes	Applicable major releases
Name: Radio_gpsServiceUnavailable (8206) Type: equipmentAlarm (3) Package: femto Raised on class: femto.Radio	Severity: major Implicitly cleared: true Default probable cause: timingProblem (903)	<ul style="list-style-type: none"> LR14.2.SC
Description: The fault is raised if the GPStiming signal is not available.		
Remedial action: NA		

Table 22-390 Radio_nIRfFailure

Alarm	Attributes	Applicable major releases
Name: Radio_nIRfFailure (8207) Type: equipmentAlarm (3) Package: femto Raised on class: femto.Radio	Severity: major Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> LR14.2.SC
Description: The Network Listen hardware has a receive path failure.		
Remedial action: NA		

Table 22-391 Radio_ntpServiceUnavailable

Alarm	Attributes	Applicable major releases
Name: Radio_ntpServiceUnavailable (6196) Type: equipmentAlarm (3) Package: femto Raised on class: femto.Radio	Severity: major Implicitly cleared: true Default probable cause: timingProblem (903)	<ul style="list-style-type: none"> LR14.2.SC
Description: This fault is raised if NTP servers are initially not reachable within 5 minutes and verification of calibration value is impossible in this timeframe. This fault is also raised if the discipline process fails due to the NTP servers being unreachable. The nature of the failure will be provided in the additional text.		
Remedial action: NA		

Table 22-392 Radio_oscillatorAdjustFail

Alarm	Attributes	Applicable major releases
Name: Radio_oscillatorAdjustFail (8208) Type: equipmentAlarm (3) Package: femto Raised on class: femto.Radio	Severity: critical Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> LR14.2.SC
Description: The timing oscillator has reached its adjustment limit.		
Remedial action: NA		

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Table 22-393 Radio_outOfOperatingCondition

Alarm	Attributes	Applicable major releases
Name: Radio_outOfOperatingCondition (6197) Type: equipmentAlarm (3) Package: femto Raised on class: femto.Radio	Severity: major Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> LR14.2.SC
Description: This fault is raised if out of operating condition is detected. It is related to critical hardware checks on LightRadio Metro Cells, for example power amplifier 28V supply and current monitoring on LightRadio 2100 and 1900 Metro Outdoor Cells.		
Remedial action: NA		

Table 22-394 Radio_overTemperature

Alarm	Attributes	Applicable major releases
Name: Radio_overTemperature (6198) Type: environmentalAlarm (2) Package: femto Raised on class: femto.Radio	Severity: major Implicitly cleared: true Default probable cause: temperatureUnacceptable (721)	<ul style="list-style-type: none"> LR14.2.SC
Description: The temperature is over the specified limit.		
Remedial action: NA		

Table 22-395 Radio_rxDiversityMalfunction

Alarm	Attributes	Applicable major releases
Name: Radio_rxDiversityMalfunction (6199) Type: equipmentAlarm (3) Package: femto Raised on class: femto.Radio	Severity: major Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> LR14.2.SC
Description: Raised when one of the two Rx path fails when receive diversity is active.		
Remedial action: NA		

Table 22-396 Radio_rxMalfunction

Alarm	Attributes	Applicable major releases
Name: Radio_rxMalfunction (6200) Type: equipmentAlarm (3) Package: femto Raised on class: femto.Radio	Severity: major Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> LR14.2.SC
Description: Malfunction in the radio receiver.		
Remedial action: NA		

Table 22-397 Radio_spareRadioAlarm1

Alarm	Attributes	Applicable major releases
Name: Radio_spareRadioAlarm1 (8209) Type: processingErrorAlarm (81) Package: femto Raised on class: femto.Radio	Severity: critical Implicitly cleared: true Default probable cause: unspecifiedReason (802)	<ul style="list-style-type: none"> LR14.2.SC
Description: Spare alarm 1		
Remedial action: NA		

Table 22-398 Radio_spareRadioAlarm2

Alarm	Attributes	Applicable major releases
Name: Radio_spareRadioAlarm2 (8210) Type: processingErrorAlarm (81) Package: femto Raised on class: femto.Radio	Severity: critical Implicitly cleared: true Default probable cause: unspecifiedReason (802)	<ul style="list-style-type: none"> LR14.2.SC
Description: Spare alarm 2		
Remedial action: NA		

Table 22-399 Radio_spareRadioAlarm3

Alarm	Attributes	Applicable major releases
Name: Radio_spareRadioAlarm3 (8211) Type: processingErrorAlarm (81) Package: femto Raised on class: femto.Radio	Severity: major Implicitly cleared: true Default probable cause: unspecifiedReason (802)	<ul style="list-style-type: none"> LR14.2.SC

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Alarm	Attributes	Applicable major releases
Description: Spare alarm 3		
Remedial action: NA		

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Table 22-400 Radio_txMalfunction

Alarm	Attributes	Applicable major releases
Name: Radio_txMalfunction (6201) Type: equipmentAlarm (3) Package: femto Raised on class: femto.Radio	Severity: critical Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> LR14.2.SC
Description: The Radio has failed to activate the transmitter, or malfunction in the radio transmitter.		
Remedial action: NA		

Table 22-401 Radio_underTemperature

Alarm	Attributes	Applicable major releases
Name: Radio_underTemperature (6202) Type: environmentalAlarm (2) Package: femto Raised on class: femto.Radio	Severity: major Implicitly cleared: true Default probable cause: temperatureUnacceptable (721)	<ul style="list-style-type: none"> LR14.2.SC
Description: The temperature is below the specified limit.		
Remedial action: NA		

Table 22-402 RadiusOperStatusDown

Alarm	Attributes	Applicable major releases
Name: RadiusOperStatusDown (3692) Type: radiusOperStatusDownAlarm (105) Package: netw Raised on class: netw.NetworkElement	Severity: critical Implicitly cleared: true Default probable cause: radiusOperationStatusDown (1431)	<ul style="list-style-type: none"> LR14.2.SC
Description: The alarm is raised when all RADIUS servers have gone down.		
Raising condition: ('Global RADIUS Operational State' EQUAL 'Down')		
Clearing condition: ('Global RADIUS Operational State' EQUAL 'Up')		
Remedial action: Verify the RADIUS server is properly configured and radius server state is up. Check the connectivity between SAM server and radius server configured on the Network element.		

Table 22-403 ReachabilityProblem

Alarm	Attributes	Applicable major releases
Name: ReachabilityProblem (243) Type: communicationsAlarm (4) Package: netw Raised on class: netw.NetworkElement	Severity: major Implicitly cleared: true Default probable cause: ReachabilityTestFailed (176)	<ul style="list-style-type: none"> LR14.2.SC
Description: The alarm is raised when a mediation poll of the SysUpTimeAlarm object on an NE fails, for example, because of network congestion or because the NE is too busy to respond. The probable cause is an unreachable NE Mediation agent on the NE. The polling interval depends on the NE type and is configurable in nms-server.xml. By default, the 5620 SAM polls a managed NE every four minutes. If a poll fails, the alarm is raised. The alarm clears when the 5620 SAM receives a response from the NE, and the 5620 SAM GUI icon that represents the NE turns from red to green.		
Raising condition: ('SNMP Reachability' EQUAL 'Down')		
Remedial action: Informational - if the alarm persists or is occurring frequently then investigation is required to understand a) why the underlying transport network is unreliable or b) why the NE is too busy to respond to 5620 SAM or c) has SNMP been disabled on the NE. Once the issue has been resolved SAM will automatically re-attempt.		

Table 22-404 reachabledevicecount

Alarm	Attributes	Applicable major releases
Name: reachabledevicecount (6437) Type: equipmentAlarm (3) Package: femto Raised on class: femto.HDMCluster	Severity: major Implicitly cleared: true Default probable cause: thresholdCrossed (12)	<ul style="list-style-type: none"> LR14.2.SC
Description: Count of reachable devices		
Remedial action: See the nodal documentation for more information.		

Table 22-405 ReconfigFailure

Alarm	Attributes	Applicable major releases
Name: ReconfigFailure (1949) Type: communicationsAlarm (4) Package: netw Raised on class: netw.NetworkElement	Severity: critical Implicitly cleared: true Default probable cause: failedReconfig (937)	<ul style="list-style-type: none"> LR14.2.SC
Description: This alarm is raised when the reconfig action failed.		
Raising condition: ('State' EQUAL 'Failed')		
Clearing condition: ('State' NOT EQUAL 'Failed')		
Remedial action: Verify that the object is configured as expected.		

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Table 22-406 RFTrace_rfTraceDedicatedFailure

Alarm	Attributes	Applicable major releases
Name: RFTrace_rfTraceDedicatedFailure (6189) Type: operationalViolation (93) Package: femto Raised on class: femto.RFTrace	Severity: minor Implicitly cleared: true Default probable cause: configurationOrCustomizationError (902)	<ul style="list-style-type: none"> LR14.2.SC
Description: This fault is raised during RF Trace operation if all dedicated measurement (excluding HSDPA and EDCH) configurations are failed.		
Remedial action: NA		

Table 22-407 RFTrace_rfTraceHsdpaFailure

Alarm	Attributes	Applicable major releases
Name: RFTrace_rfTraceHsdpaFailure (6190) Type: operationalViolation (93) Package: femto Raised on class: femto.RFTrace	Severity: minor Implicitly cleared: true Default probable cause: configurationOrCustomizationError (902)	<ul style="list-style-type: none"> LR14.2.SC
Description: This fault is raised during RF Trace operation if all HSDPA measurement configurations are failed.		
Remedial action: NA		

Table 22-408 SaveConfigFailed

Alarm	Attributes	Applicable major releases
Name: SaveConfigFailed (105) Type: configurationAlarm (11) Package: sw Raised on class: sw.BackupRestoreManager	Severity: major Implicitly cleared: true Default probable cause: fileAccessError (90)	<ul style="list-style-type: none"> LR14.2.SC
Description: The alarm is raised when the admin save command on an NE fails.		
Raising condition: ('Config Save State' EQUAL 'Failure')		
Clearing condition: ('Config Save State' EQUAL 'Success')		
Remedial action: Attempt the admin save command a second time. If the problem persists please contact Alcatel-Lucent support for assistance.		

Table 22-409 ScheduledPollerProblem

Alarm	Attributes	Applicable major releases
Name: ScheduledPollerProblem (4386) Type: communicationsAlarm (4) Package: netw Raised on class: netw.NetworkElement	Severity: warning Implicitly cleared: true Default probable cause: scheduledResyncFailed (1569)	<ul style="list-style-type: none"> LR14.2.SC
Description: The alarm is raised when the 5620 SAM is unable to poll a network object, for example, because of intermittent or no IP connectivity to an NE, incorrect SNMP security parameters, or disabled SNMP on the NE.		
Raising condition: ('Scheduled Resync Status' EQUAL 'Scheduled Resync Failed')		
Clearing condition: ('Scheduled Resync Status' EQUAL 'Scheduled Resync Done')		
Remedial action: Informational - if the alarm persists or is occurring frequently then investigation is required to understand a) why the underlying transport network is unreliable or b) why the NE is too busy to respond to 5620 SAM or c) has SNMP been disabled on the NE. Once the issue has been resolved SAM will automatically re-attempt.		

Table 22-410 SCTPASSOC_associationEstablishmentFailure

Alarm	Attributes	Applicable major releases
Name: SCTPASSOC_associationEstablishmentFailure (6203) Type: communicationsAlarm (4) Package: femto Raised on class: femto.SCTPASSOC	Severity: major Implicitly cleared: true Default probable cause: unspecifiedReason (802)	<ul style="list-style-type: none"> LR14.2.SC
Description: This fault is raised after the number of INIT retries configured by maxInitRetransmits has failed. After the fault is raised there will be further retries after maxDelaySctpReEst delay		
Remedial action: NA		

Table 22-411 SCTPASSOC_sctpAssocAssociationDownAlarm

Alarm	Attributes	Applicable major releases
Name: SCTPASSOC_sctpAssocAssociationDownAlarm (6204) Type: communicationsAlarm (4) Package: femto Raised on class: femto.SCTPASSOC	Severity: major Implicitly cleared: true Default probable cause: communicationsSubsystemFailure (915)	<ul style="list-style-type: none"> LR14.2.SC
Description: This fault is raised when all Sctp associations with the BSG are down.		
Remedial action: NA		

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Table 22-412 SCTPASSOC_sctpAssocDnsFailure

Alarm	Attributes	Applicable major releases
Name: SCTPASSOC_sctpAssocDnsFailure (6205) Type: communicationsAlarm (4) Package: femto Raised on class: femto.SCTPASSOC	Severity: major Implicitly cleared: true Default probable cause: configurationOrCustomizationError (902)	<ul style="list-style-type: none"> LR14.2.SC
Description: This fault is sent when link failure is detected when no response is received to DNS messages attempting to resolve the FGW FQDN. This may be caused by timeout or a protocol error.		
Remedial action: NA		

Table 22-413 SDM_dbDownloadFailure

Alarm	Attributes	Applicable major releases
Name: SDM_dbDownloadFailure (6209) Type: processingErrorAlarm (81) Package: femto Raised on class: femto.SDM	Severity: major Implicitly cleared: true Default probable cause: softwareError (718)	<ul style="list-style-type: none"> LR14.2.SC
Description: This fault is created when the database download fails.		
Remedial action: NA		

Table 22-414 SDM_suActivationFailure

Alarm	Attributes	Applicable major releases
Name: SDM_suActivationFailure (6210) Type: processingErrorAlarm (81) Package: femto Raised on class: femto.SDM	Severity: major Implicitly cleared: true Default probable cause: softwareError (718)	<ul style="list-style-type: none"> LR14.2.SC
Description: This fault is created when activation of a software image fails.		
Remedial action: NA		

Table 22-415 SDM_suDownloadFailure

Alarm	Attributes	Applicable major releases
Name: SDM_suDownloadFailure (6211) Type: processingErrorAlarm (81) Package: femto Raised on class: femto.SDM	Severity: major Implicitly cleared: true Default probable cause: softwareError (718)	<ul style="list-style-type: none"> LR14.2.SC
Description: This fault is created when download of a software image fails.		
Remedial action: NA		

Table 22-416 SDM_toneFileCorrupt

Alarm	Attributes	Applicable major releases
Name: SDM_toneFileCorrupt (6212) Type: processingErrorAlarm (81) Package: femto Raised on class: femto.SDM	Severity: minor Implicitly cleared: true Default probable cause: unspecifiedReason (802)	<ul style="list-style-type: none"> LR14.2.SC
Description: A downloaded tone file has invalid format.		
Remedial action: NA		

Table 22-417 SDM_toneFileDownloadFailure

Alarm	Attributes	Applicable major releases
Name: SDM_toneFileDownloadFailure (6213) Type: processingErrorAlarm (81) Package: femto Raised on class: femto.SDM	Severity: minor Implicitly cleared: true Default probable cause: softwareError (718)	<ul style="list-style-type: none"> LR14.2.SC
Description: This fault is created when download of a tone file fails.		
Remedial action: NA		

Table 22-418 socketcount

Alarm	Attributes	Applicable major releases
Name: socketcount (6438) Type: equipmentAlarm (3) Package: femto Raised on class: femto.HDMCluster	Severity: minor Implicitly cleared: true Default probable cause: thresholdCrossed (12)	<ul style="list-style-type: none"> LR14.2.SC

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Alarm	Attributes	Applicable major releases
Description: The number of socket		
Remedial action: See the nodal documentation for more information.		

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Table 22-419 StatsRetrieveFailed

Alarm	Attributes	Applicable major releases
Name: StatsRetrieveFailed (244) Type: configurationAlarm (11) Package: sw Raised on class: sw.AccountingStatsRetrievalManager	Severity: major Implicitly cleared: false Default probable cause: fileTransferFailure (89)	<ul style="list-style-type: none"> LR14.2.SC
Description: The alarm is raised when the 5620 SAM main or auxiliary server cannot transfer an accounting file from an NE.		
Raising condition: (('Stats Retrieval State' NOT EQUAL 'Success') AND ('Stats Retrieval State' NOT EQUAL 'Not Attempted'))		
Remedial action: Informational - if the alarm persists or is occurring frequently then investigation is required to understand a) why the underlying transport network is unreliable or b) why the NE is too busy or otherwise cannot respond to the 5620 SAM main or auxiliary server.		

Table 22-420 SubscriberSystemNextHopUsageHigh

Alarm	Attributes	Applicable major releases
Name: SubscriberSystemNextHopUsageHigh (5157) Type: thresholdCrossed (6) Package: netw Raised on class: netw.NetworkElement	Severity: minor Implicitly cleared: true Default probable cause: resourceFull (53)	<ul style="list-style-type: none"> LR14.2.SC
Description: The alarm is raised when the IP next-hop usage by subscriber managed routes reaches its high watermark, cleared when it reaches its low watermark again; the watermarks are derived from the limit specified with the property subSysNextHopLimit.		
Raising condition: ('IP Next Hop Usage High' EQUAL 'true')		
Clearing condition: ('IP Next Hop Usage High' EQUAL 'false')		
Remedial action: The alarm is raised when the IP next-hop usage by subscriber managed routes reaches its high watermark, cleared when it reaches its low watermark again; the watermarks are derived from the limit specified with the property subSysNextHopLimit. There is no immediate effect, but when the usage actually hits the limit, new hosts will not get their managed routes.		

Table 22-421 threadidlecount

Alarm	Attributes	Applicable major releases
Name: threadidlecount (6439) Type: equipmentAlarm (3) Package: femto Raised on class: femto.HDMCluster	Severity: critical Implicitly cleared: true Default probable cause: thresholdCrossed (12)	<ul style="list-style-type: none"> LR14.2.SC
Description: The number of idel threads		
Remedial action: See the nodal documentation for more information.		

Table 22-422 threadpendingrequestcount

Alarm	Attributes	Applicable major releases
Name: threadpendingrequestcount (6440) Type: equipmentAlarm (3) Package: femto Raised on class: femto.HDMCluster	Severity: critical Implicitly cleared: true Default probable cause: thresholdCrossed (12)	<ul style="list-style-type: none"> LR14.2.SC
Description: The number of thread in pending request state		
Remedial action: See the nodal documentation for more information.		

Table 22-423 threadqueuelength

Alarm	Attributes	Applicable major releases
Name: threadqueuelength (6441) Type: equipmentAlarm (3) Package: femto Raised on class: femto.HDMCluster	Severity: critical Implicitly cleared: true Default probable cause: thresholdCrossed (12)	<ul style="list-style-type: none"> LR14.2.SC
Description: The number of thread queue		
Remedial action: See the nodal documentation for more information.		

Table 22-424 threadstandbycount

Alarm	Attributes	Applicable major releases
Name: threadstandbycount (6442) Type: equipmentAlarm (3) Package: femto Raised on class: femto.HDMCluster	Severity: critical Implicitly cleared: true Default probable cause: thresholdCrossed (12)	<ul style="list-style-type: none"> LR14.2.SC

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Alarm	Attributes	Applicable major releases
Description: The number of thread in stand by state.		
Remedial action: See the nodal documentation for more information.		

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Table 22-425 threadthroughput

Alarm	Attributes	Applicable major releases
Name: threadthroughput (6443) Type: equipmentAlarm (3) Package: femto Raised on class: femto.HDMCluster	Severity: critical Implicitly cleared: true Default probable cause: thresholdCrossed (12)	<ul style="list-style-type: none"> LR14.2.SC
Description: Thread throughput		
Remedial action: See the nodal documentation for more information.		

Table 22-426 threadtotalcount

Alarm	Attributes	Applicable major releases
Name: threadtotalcount (6444) Type: equipmentAlarm (3) Package: femto Raised on class: femto.HDMCluster	Severity: critical Implicitly cleared: true Default probable cause: thresholdCrossed (12)	<ul style="list-style-type: none"> LR14.2.SC
Description: Total number of Threads		
Remedial action: See the nodal documentation for more information.		

Table 22-427 TrapDestinationMisconfigured

Alarm	Attributes	Applicable major releases
Name: TrapDestinationMisconfigured (33) Type: configurationAlarm (11) Package: netw Raised on class: netw.NetworkElement	Severity: major Implicitly cleared: true Default probable cause: trapDestinationMisconfigured (26) Applicable probable causes: <ul style="list-style-type: none"> trapDestinationMisconfigured duplicateTrapLogId 	<ul style="list-style-type: none"> LR14.2.SC
Description: The alarm is raised when the 5620 SAM cannot be added to the NE's SNMP trap destinations.		
Raising condition: ('isTrapDestinationMisconfigured' EQUAL 'true')		

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Alarm	Attributes	Applicable major releases
Clearing condition: ('isTrapDestinationMisconfigured' EQUAL 'false')		
Remedial action: A configuration error has been made which must be corrected. The SNMP trap destination on the NE must be configured to the IP address of the SAM server.		

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Table 22-428 TrapReceivingFailure

Alarm	Attributes	Applicable major releases
Name: TrapReceivingFailure (1083) Type: communications (87) Package: netw Raised on class: netw.NetworkElement	Severity: major Implicitly cleared: false Default probable cause: trapsWillNotBeSent (822)	<ul style="list-style-type: none"> LR14.2.SC
Description: This user-defined alarm is raised when the NE is unable to send traps because the NE configuration is one of the following: - The Management IP Selection is set to Out Of Band Only, the Primary Route Preference is set to In Band, and the Secondary Route Preference is set to None. - The Management IP Selection is set to In Band Only, the Primary Route Preference is set to Out Of Band, and the Secondary Route Preference is set to None.		
Raising condition: (((('Active Management IP' EQUAL 'In Band') AND ('Management IP Selection' EQUAL 'In Band Only') AND ('Primary Route Preference' EQUAL 'Out Of Band') AND ('Secondary Route Preference' EQUAL 'None')) OR (('Active Management IP' EQUAL 'Out Of Band') AND ('Management IP Selection' EQUAL 'Out Of Band Only') AND ('Primary Route Preference' EQUAL 'In Band') AND ('Secondary Route Preference' EQUAL 'None')) OR (('Active Management IP' EQUAL 'Out Of Band') AND ('Management IP Selection' EQUAL 'In Band Preferred') AND ('Primary Route Preference' EQUAL 'In Band') AND ('Secondary Route Preference' EQUAL 'None')) OR (('Active Management IP' EQUAL 'In Band') AND ('Management IP Selection' EQUAL 'Out Of Band Preferred') AND ('Primary Route Preference' EQUAL 'Out Of Band') AND ('Secondary Route Preference' EQUAL 'None'))))		
Clearing condition: (((('Active Management IP' EQUAL 'In Band') AND ('Management IP Selection' EQUAL 'In Band Only') AND (('Primary Route Preference' EQUAL 'In Band') OR ('Secondary Route Preference' EQUAL 'In Band')) OR (('Active Management IP' EQUAL 'Out Of Band') AND ('Management IP Selection' EQUAL 'Out Of Band Only') AND (('Primary Route Preference' EQUAL 'Out Of Band') OR ('Secondary Route Preference' EQUAL 'Out Of Band')) OR (('Active Management IP' EQUAL 'Out Of Band') AND ('Management IP Selection' EQUAL 'In Band Preferred') AND (('Primary Route Preference' EQUAL 'Out Of Band') OR ('Secondary Route Preference' EQUAL 'Out Of Band')) OR (('Active Management IP' EQUAL 'In Band') AND ('Management IP Selection' EQUAL 'In Band Preferred') AND (('Primary Route Preference' EQUAL 'In Band') OR ('Secondary Route Preference' EQUAL 'In Band')) OR (('Active Management IP' EQUAL 'Out Of Band') AND ('Management IP Selection' EQUAL 'Out Of Band Preferred') AND (('Primary Route Preference' EQUAL 'Out Of Band') OR ('Secondary Route Preference' EQUAL 'Out Of Band'))))		
Remedial action: A configuration error has been made which must be corrected. The configuration error must be corrected per the discussion in the description for this alarm.		

Table 22-429 TrapRoutePreferenceRedundancyMissing

Alarm	Attributes	Applicable major releases
Name: TrapRoutePreferenceRedundancyMissing (1084) Type: communications (87) Package: netw Raised on class: netw.NetworkElement	Severity: warning Implicitly cleared: true Default probable cause: trapsRedundancyMissing (823)	<ul style="list-style-type: none"> LR14.2.SC

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Alarm	Attributes	Applicable major releases
Description: The user-defined alarm is raised when NE management redundancy is configured without trap route preference redundancy.		
Raising condition: (((('Management IP Selection' EQUAL 'In Band Preferred') AND ('Active Management IP' EQUAL 'In Band') AND ('Primary Route Preference' EQUAL 'In Band') AND ('Secondary Route Preference' EQUAL 'None')) OR (('Management IP Selection' EQUAL 'Out Of Band Preferred') AND ('Active Management IP' EQUAL 'Out Of Band') AND ('Primary Route Preference' EQUAL 'Out Of Band') AND ('Secondary Route Preference' EQUAL 'None'))))		
Clearing condition: (((('Management IP Selection' EQUAL 'In Band Preferred') AND ('Active Management IP' EQUAL 'In Band') AND ('Secondary Route Preference' NOT EQUAL 'None')) OR (('Management IP Selection' EQUAL 'Out Of Band Preferred') AND ('Active Management IP' EQUAL 'Out Of Band') AND ('Secondary Route Preference' NOT EQUAL 'None'))))		
Remedial action: A configuration error has been made which must be corrected. The IP address of the standby SAM server must be configured on the NE in question.		

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Table 22-430 UnidentifiedNode

Alarm	Attributes	Applicable major releases
Name: UnidentifiedNode (1922) Type: communicationsAlarm (4) Package: netw Raised on class: netw.DiscoveredNode	Severity: major Implicitly cleared: true Default probable cause: unidentifiedNode (922)	<ul style="list-style-type: none"> LR14.2.SC
Description: The alarm is raised when the node being discovered can not be properly identified.		
Raising condition: ('State' EQUAL 'Pending Identification')		
Clearing condition: ('State' NOT EQUAL 'Pending Identification')		
Remedial action: A configuration error has occurred that must be corrected. The eNodeB does not have a system name. The name can be configured by selecting the alarm, opening the associated properties form for the alarmed object and configuring the system name.		

Table 22-431 UnmanageFailed

Alarm	Attributes	Applicable major releases
Name: UnmanageFailed (300) Type: discoveryControlAlarm (33) Package: netw Raised on class: netw.NodeDiscoveryControl	Severity: warning Implicitly cleared: true Default probable cause: unableToDeleteNode (231)	<ul style="list-style-type: none"> LR14.2.SC
Description: The alarm is raised when an attempt to unmanage an NE fails.		
Raising condition: ('Site State' EQUAL 'Unmanage Failed')		
Clearing condition: ('Site State' NOT EQUAL 'Unmanage Failed')		
Remedial action: Informational - if the alarm persists please contact Alcatel-Lucent support for assistance		

Table 22-432 UpgradedBuildVersionMismatch

Alarm	Attributes	Applicable major releases
Name: UpgradedBuildVersionMismatch (174) Type: configurationAlarm (11) Package: netw Raised on class: netw.NetworkElement	Severity: warning Implicitly cleared: true Default probable cause: upgradedImageNotBooted (137)	<ul style="list-style-type: none"> LR14.2.SC
Description: The alarm is raised when the software version that an NE reports after a software upgrade does not match the version of the software used for the upgrade.		
Raising condition: ('upgradedBuildVersionMismatch' EQUAL 'true')		
Clearing condition: ('upgradedBuildVersionMismatch' EQUAL 'false')		
Remedial action: Informational - if the alarm persists please contact Alcatel-Lucent support for assistance		

Table 22-433 userlockouttotalcount

Alarm	Attributes	Applicable major releases
Name: userlockouttotalcount (6445) Type: equipmentAlarm (3) Package: femto Raised on class: femto.HDMCluster	Severity: minor Implicitly cleared: true Default probable cause: thresholdCrossed (12)	<ul style="list-style-type: none"> LR14.2.SC
Description: Indicates how many user locking out process is executed on the current server		
Remedial action: See the nodal documentation for more information.		

Table 22-434 VersionConfigRestoreFailed

Alarm	Attributes	Applicable major releases
Name: VersionConfigRestoreFailed (536) Type: configurationAlarm (11) Package: sw Raised on class: sw.BackupRestoreManager	Severity: major Implicitly cleared: true Default probable cause: versionMismatch (405)	<ul style="list-style-type: none"> LR14.2.SC
Description: The alarm is raised when the restore procedure on an NE fails because of a mismatch between the backup file set version and the NE software version.		
Raising condition: ('lastNmsVersionRestoreState' EQUAL 'Failure')		
Clearing condition: ('lastNmsVersionRestoreState' EQUAL 'Success')		
Remedial action: The backup files being restored do not match with the version of node software release. Download a new copy of the SW image to the NE. If the problem persists contact Alcatel-Lucent support for assistance.		

Table 22-435 WiFi_wifiNoSignalDetected

Alarm	Attributes	Applicable major releases
Name: WiFi_wifiNoSignalDetected (6247) Type: communicationsAlarm (4) Package: femto Raised on class: femto.WiFi	Severity: major Implicitly cleared: true Default probable cause: unspecifiedReason (802)	<ul style="list-style-type: none"> LR14.2.SC
Description: This fault is raised if signal of link status is not detected on the Wi-Fi Ethernet port.		
Remedial action: NA		

Table 22-436 WrongCpaaSoftwareVersion

Alarm	Attributes	Applicable major releases
Name: WrongCpaaSoftwareVersion (791) Type: equipmentAlarm (3) Package: netw Raised on class: netw.NetworkElement	Severity: critical Implicitly cleared: true Default probable cause: wrongCpaaSoftwareVersion (559)	<ul style="list-style-type: none"> LR14.2.SC
Description: The alarm is raised when the 7701 CPAA software is the wrong version and requires an upgrade.		
Raising condition: (('Software Version' EQUAL \"TiMOS-B-3.0.Generic \") AND ('Chassis Type' EQUAL '7701 CPAA'))		
Clearing condition: (('Software Version' NOT EQUAL \"TiMOS-B-3.0.Generic \") AND ('Chassis Type' EQUAL '7701 CPAA'))		
Remedial action: The SW version of the CPAA must be upgraded to the version compatible with CPAM version.		

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Note – Some alarms that the 5620 SAM can raise against this device may not be listed in this chapter. Associating alarms with specific NE types is an ongoing Alcatel-Lucent effort. If the 5620 SAM raises an alarm against this device type, and the alarm is not described in this chapter, see chapter 41 for information about the alarm.

Table 23-1 AggregatedVFLPortDown

Alarm	Attributes	Applicable major releases
Name: AggregatedVFLPortDown (5436) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.Shelf	Severity: critical Implicitly cleared: true Default probable cause: connectivityIssue (2137)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 7.1.0 • 8.0.0 • 8.1.0
Description: The alarm is generated when the aggregated virtual fabric link on the virtual chassis slot is down.		
Raising condition: (('Shelf Type' EQUAL '7850') AND ('Total Slots' EQUAL '4') AND ('Virtual Fabric Link State' NOT EQUAL 'Up'))		
Clearing condition: (('Shelf Type' EQUAL '7850') AND ('Total Slots' EQUAL '4') AND ('Virtual Fabric Link State' EQUAL 'Up'))		
Remedial action: The alarm is raised when the aggregated virtual fabric link on the virtual chassis is down. Please check the virtual fabric links for the virtual chassis setup.		

Table 23-2 AuxiliaryServerStatus

Alarm	Attributes	Applicable major releases
Name: AuxiliaryServerStatus (311) Type: communicationsAlarm (4) Package: server Raised on class: server.AuxiliaryServer	Severity: critical Implicitly cleared: true Default probable cause: systemFailed (144)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 7.1.0 • 8.0.0 • 8.1.0
Description: The alarm is raised when a 5620 SAM main server cannot communicate with an auxiliary server. The alarm clears when communication is restored.		
Raising condition: ('Server Status' EQUAL 'Down')		
Clearing condition: ('Server Status' EQUAL 'Up')		
Remedial action: Informational - if the alarm persists or is occurring frequently then investigation is required to understand why the connectivity between the AUX and SAM servers is unreliable.		

Table 23-3 BootParametersMisconfigured

Alarm	Attributes	Applicable major releases
Name: BootParametersMisconfigured (35) Type: configurationAlarm (11) Package: netw Raised on class: netw.NetworkElement	Severity: critical Implicitly cleared: true Default probable cause: persistentIndexFailure (30) Applicable probable causes: <ul style="list-style-type: none"> • persistentIndexFailure • configFileBootFailure 	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 7.1.0 • 8.0.0 • 8.1.0
Description: The alarm is raised when the SNMP Index Boot Status on an NE is not set to Persistent.		
Raising condition: (('isGenericNode' EQUAL 'false') AND ('State' NOT EQUAL 'Pre-provisioned') AND (((('Config File Status' NOT EQUAL 'Executed Successfully') AND ('Config File Status' NOT EQUAL 'configFileStatus_unspecified')) OR (('Persistent Index Status' NOT EQUAL 'Rebuild Succeeded') AND ('Persistent Index Status' NOT EQUAL 'persistentIndexStatus_unspecified'))))		
Clearing condition: (('Config File Status' EQUAL 'Executed Successfully') AND ('Persistent Index Status' EQUAL 'Rebuild Succeeded'))		
Remedial action: Ensure that "SNMP Index Boot Status" is persistent (using cli command "show system information" on the NE). If not, unmanage the network element from SAM, ensure that "persist on" is set in the bof file, save the bof, save a config file, verify that an index file (.ndx) is saved as well, reboot the router, verify that SNMP Index Boot Status is persistent and finally remanage the router from SAM.		

Table 23-4 ClientDelegateServerStatus

Alarm	Attributes	Applicable major releases
Name: ClientDelegateServerStatus (731) Type: communicationsAlarm (4) Package: server Raised on class: server.ClientDelegateServer	Severity: critical Implicitly cleared: true Default probable cause: systemFailed (144)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 7.1.0 • 8.0.0 • 8.1.0

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Alarm	Attributes	Applicable major releases
Description: The alarm is raised when a client delegate server is unreachable.		
Raising condition: ('Server Status' EQUAL 'Down')		
Clearing condition: ('Server Status' EQUAL 'Up')		
Remedial action: Informational - if the alarm persists or is occurring frequently then investigation is required to understand why the connectivity between the client delegate platform and SAM servers is unreliable or the client delegate server itself is unreliable.		

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Table 23-5 ContainingEquipmentAdministrativelyDown

Alarm	Attributes	Applicable major releases
Name: ContainingEquipmentAdministrativelyDown (466) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.Port	Severity: minor Implicitly cleared: true Default probable cause: containingEquipmentAdministrativelyDown (330)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 7.1.0 • 8.0.0 • 8.1.0
Description: The alarm is raised when the compositeEquipmentState attribute has a value of containingEquipmentAdministrativelyDown.		
Raising condition: (('Status' EQUAL 'Parent Admin Down') AND ('isTerminatable' EQUAL 'true'))		
Clearing condition: (('Status' NOT EQUAL 'Parent Admin Down') OR ('isTerminatable' NOT EQUAL 'true'))		
Remedial action: Informational - no corrective action required.		

Table 23-6 ContainingEquipmentMismatch

Alarm	Attributes	Applicable major releases
Name: ContainingEquipmentMismatch (464) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.Port	Severity: major Implicitly cleared: true Default probable cause: containingEquipmentMismatch (328)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 7.1.0 • 8.0.0 • 8.1.0
Description: The alarm is raised when the compositeEquipmentState attribute has a value of containingEquipmentMismatch.		
Raising condition: (('Status' EQUAL 'Parent Type Mismatch') AND ('isTerminatable' EQUAL 'true'))		
Clearing condition: (('Status' NOT EQUAL 'Parent Type Mismatch') OR ('isTerminatable' NOT EQUAL 'true'))		
Remedial action: A configuration error has occurred which must be corrected. The card type configured for the slot identified in the alarm must match the installed card type.		

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Table 23-7 ContainingEquipmentOperationallyDown

Alarm	Attributes	Applicable major releases
Name: ContainingEquipmentOperationallyDown (465) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.Port	Severity: major Implicitly cleared: true Default probable cause: containingEquipmentDown (329)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 7.1.0 • 8.0.0 • 8.1.0
Description: The alarm is raised when the compositeEquipmentState attribute has a value of containingEquipmentOperationallyDown.		
Raising condition: (('Status' EQUAL 'Parent Oper Down') AND ('isTerminatable' EQUAL 'true'))		
Clearing condition: (('Status' NOT EQUAL 'Parent Oper Down') OR ('isTerminatable' NOT EQUAL 'true'))		
Remedial action: The operational state of the equipment element indicated in the alarm is down. This may be due to the element's administrative state or it may indicate that the element has failed.		

Table 23-8 CorruptImageFile

Alarm	Attributes	Applicable major releases
Name: CorruptImageFile (171) Type: configurationAlarm (11) Package: mediation Raised on class: mediation.AbstractSoftwareFolderDescriptor	Severity: critical Implicitly cleared: true Default probable cause: invalidOrCorruptImageFile (134)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 7.1.0 • 8.0.0 • 8.1.0
Description: The alarm is raised when one or more files in the 5620 SAM software image specified for a device software upgrade is invalid, corrupt or absent. The 5620 SAM validates a device software file set before it imports the file set and distributes it to an NE. Ensure that the file set downloads properly to the NE and is not tampered with before you re-attempt the upgrade. The alarm clears when a valid file set is on the NE and the 5620 SAM activates the software image in the file set.		
Raising condition: ('isImageValid' EQUAL 'false')		
Clearing condition: ('isImageValid' EQUAL 'true')		
Remedial action: The existing SW image in the SAM database should be replaced with an image that is known to be complete and valid.		

Table 23-9 criticalErrorAlarm

Alarm	Attributes	Applicable major releases
Name: criticalErrorAlarm (3681) Type: communicationsAlarm (4) Package: Itemme Raised on class: Itemme.MmeInstance	Severity: critical Implicitly cleared: false Default probable cause: MmeInternalProcessingError (1421)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 7.1.0 • 8.0.0 • 8.1.0

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Alarm	Attributes	Applicable major releases
Description: This alarm is raised when receiving critical-error message from the network element's NetConf interface. The operator must connect to the network element using its CLI interface and verify the consistency of the network element's database and configuration and then do a full node resync once the manual intervention has been completed.		
Remedial action: The operator must connect to the network element (MME) using its CLI interface and verify the consistency of the network element's database and configuration and then do a full node resync once the manual intervention has been completed.		

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Table 23-10 EPSPeerLocked

Alarm	Attributes	Applicable major releases
Name: EPSPeerLocked (3747) Type: communicationsAlarm (4) Package: lte Raised on class: lte.AbstractMmeEpsPeer	Severity: major Implicitly cleared: false Default probable cause: EPSPeerLocked (1481)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 7.1.0 • 8.0.0 • 8.1.0
Description: The alarm is raised when an EPS Peer link goes into a locked state. The alarm clears when the EPS Peer Link changes to an unlocked state.		
Raising condition: (('Administrative State' EQUAL 'Locked'))		
Clearing condition: (('Administrative State' EQUAL 'Unlocked'))		
Remedial action: Informational: The EPS Peer has been manually locked.		

Table 23-11 EquipmentAdministrativelyDown

Alarm	Attributes	Applicable major releases
Name: EquipmentAdministrativelyDown (455) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.Equipment	Severity: minor Implicitly cleared: true Default probable cause: equipmentAdministrativelyDown (326)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 7.1.0 • 8.0.0 • 8.1.0
Description: The alarm is raised when the compositeEquipmentState attribute has a value of equipmentAdministrativelyDown.		
Raising condition: ('compositeEquipmentState' EQUAL 'Admin Down')		
Clearing condition: ('compositeEquipmentState' NOT EQUAL 'Admin Down')		
Remedial action: Informational - no corrective action required.		

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Table 23-12 EquipmentDegraded

Alarm	Attributes	Applicable major releases
Name: EquipmentDegraded (604) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.FanTray	Severity: minor Implicitly cleared: true Default probable cause: singleFanFailure (450)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 7.1.0 • 8.0.0 • 8.1.0
Description: The alarm is raised when a single fan fails. The chassis attempts to continue operating within the normal temperature range using only the remaining fans.		
Raising condition: ('Device State' EQUAL 'MinorFailure')		
Clearing condition: ('Device State' NOT EQUAL 'MinorFailure')		
Remedial action: The failed fan unit should be replaced.		

Table 23-13 EquipmentDown

Alarm	Attributes	Applicable major releases
Name: EquipmentDown (10) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.Equipment	Severity: major Implicitly cleared: true Default probable cause: inoperableEquipment (8)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 7.1.0 • 8.0.0 • 8.1.0
Description: The alarm is raised when the compositeEquipmentState attribute has a value of equipmentOperationallyDown.		
Raising condition: ('compositeEquipmentState' EQUAL 'Oper Down')		
Clearing condition: ('compositeEquipmentState' NOT EQUAL 'Oper Down')		
Remedial action: This alarm indicates that a card in the NE has failed. The card must be replaced.		

Table 23-14 EquipmentFailure

Alarm	Attributes	Applicable major releases
Name: EquipmentFailure (145) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.ReplaceableUnit	Severity: critical Implicitly cleared: true Default probable cause: cardFailure (123)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 7.1.0 • 8.0.0 • 8.1.0
Description: The alarm is raised when a control processor or power-supply tray reports a failure. When the object type is ControlProcessor, a CPM may be unable to boot. When the object type is Power Supply Tray and the alarm is raised during device discovery, a power-supply tray may be out of service. When the object type is a Power Supply Tray and the device is in the managed state, a power-supply tray may be out of service or the AC power shelf has a fault condition. The alarm clears when the status changes to OK.		
Raising condition: ('operationalState' EQUAL 'Failed')		

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Alarm	Attributes	Applicable major releases
Clearing condition: ('operationalState' NOT EQUAL 'Failed')		
Remedial action: If the alarm indicates that the CPM card has a fault, remove the card and reset it. If this does not clear the alarm then please contact Alcatel-Lucent support for assistance. If the alarm indicates that the Power Supply tray is out of service ensure that the NE is properly connected to power. If the problem persists please contact Alcatel-Lucent support for assistance.		

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Table 23-15 EquipmentInTest

Alarm	Attributes	Applicable major releases
Name: EquipmentInTest (11) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.Equipment	Severity: warning Implicitly cleared: true Default probable cause: equipmentInTest (9)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 7.1.0 • 8.0.0 • 8.1.0
Description: The alarm is raised when equipment enters a diagnostic state.		
Raising condition: ('compositeEquipmentState' EQUAL 'In Test')		
Clearing condition: ('compositeEquipmentState' NOT EQUAL 'In Test')		
Remedial action: Informational - no corrective action required.		

Table 23-16 EquipmentMismatch

Alarm	Attributes	Applicable major releases
Name: EquipmentMismatch (9) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.Equipment	Severity: major Implicitly cleared: true Default probable cause: equipmentTypeMismatch (7)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 7.1.0 • 8.0.0 • 8.1.0
Description: The alarm is raised when the compositeEquipmentState attribute has a value of equipmentMismatch.		
Raising condition: ('compositeEquipmentState' EQUAL 'Type Mismatch')		
Clearing condition: ('compositeEquipmentState' NOT EQUAL 'Type Mismatch')		
Remedial action: A configuration error has occurred which must be corrected. The card type configured for the slot identified in the alarm must match the installed card type.		

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Table 23-17 EquipmentRemoved

Alarm	Attributes	Applicable major releases
Name: EquipmentRemoved (8) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.Equipment	Severity: major Implicitly cleared: true Default probable cause: replaceableEquipmentRemoved (6)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 7.1.0 • 8.0.0 • 8.1.0
Description: The alarm is raised when the compositeEquipmentState attribute has a value of equipmentMissing.		
Raising condition: (((('isEquipped' EQUAL 'false') OR ('compositeEquipmentState' EQUAL 'Removed')) AND ('isEquipmentInserted' EQUAL 'true')))		
Clearing condition: (('compositeEquipmentState' NOT EQUAL 'Removed') AND ('isEquipped' EQUAL 'true'))		
Remedial action: Informational - this alarm is raised when a card is removed.		

Table 23-18 FanFailure

Alarm	Attributes	Applicable major releases
Name: FanFailure (624) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.FanTray	Severity: critical Implicitly cleared: true Default probable cause: fanFailure (116)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 7.1.0 • 8.0.0 • 8.1.0
Description: The alarm is raised when the associated fan is not operationally Up.		
Raising condition: (('Device State' EQUAL 'Failed') OR ('Device State' EQUAL 'Unknown') OR ('Device State' EQUAL 'OutOfservice'))		
Clearing condition: ('Device State' EQUAL 'OK')		
Remedial action: Remove and reset the fan unit. If this does not resolve the problem replace the fan.		

Table 23-19 FanTrayRemoved

Alarm	Attributes	Applicable major releases
Name: FanTrayRemoved (569) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.FanTray	Severity: critical Implicitly cleared: true Default probable cause: FanTrayRemoved (438)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 7.1.0 • 8.0.0 • 8.1.0
Description: The alarm is raised when the deviceState attribute has a value of deviceNotEquipped.		
Raising condition: ('Device State' EQUAL 'Not Equipped')		
Clearing condition: ('Device State' NOT EQUAL 'Not Equipped')		
Remedial action: Informational - a fan tray has been removed from the NE.		

Table 23-20 LicensedLimitExceeded

Alarm	Attributes	Applicable major releases
Name: LicensedLimitExceeded (127) Type: licensingAlarm (23) Package: security Raised on class: security.ProductLicense	Severity: critical Implicitly cleared: true Default probable cause: licensedLimitExceeded (106)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 7.1.0 • 8.0.0 • 8.1.0
Description: The alarm is raised when the license items in the network exceeds 100 percent of the license capacity.		
Raising condition: ('Exceeded' EQUAL 'true')		
Clearing condition: ('Exceeded' NOT EQUAL 'true')		
Remedial action: Informational - The number of SAM licenses purchased and available on the SAM server is insufficient as compared to the number of NEs/MDA/Cells under management in the network. Please contact Alcatel-Lucent Sales to purchase additional licenses.		

Table 23-21 LinkDown (equipment)

Alarm	Attributes	Applicable major releases
Name: LinkDown (12) Type: communicationsAlarm (4) Package: equipment Raised on class: equipment.Equipment	Severity: major Implicitly cleared: true Default probable cause: portLinkProblem (10)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 7.1.0 • 8.0.0 • 8.1.0
Description: The alarm is raised when a port has no associated physical link or remote end point is operationally down.		
Raising condition: (('compositeEquipmentState' EQUAL 'Link Down') OR ('compositeEquipmentState' EQUAL 'Oper Down'))		
Clearing condition: (('compositeEquipmentState' NOT EQUAL 'Link Down') AND ('compositeEquipmentState' NOT EQUAL 'Oper Down'))		
Remedial action: Please make sure that port has physical link and remote end point is operationally up.		

Table 23-22 maintenanceStateAlarm

Alarm	Attributes	Applicable major releases
Name: maintenanceStateAlarm (4812) Type: operationalViolation (93) Package: Itemme Raised on class: Itemme.MmeInstance	Severity: info Implicitly cleared: true Default probable cause: WmmMaintenanceState (1900)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 7.1.0 • 8.0.0 • 8.1.0
Description: This alarm is raised when the 9471 WMM is put into maintenance state as part of a software upgrade. While the 9471 WMM is in maintenance mode, 5620 SAM will not process any notifications other than alarms and PM file notifications. In addition, 5620 SAM will not trigger full node resyncs when it receives a Cold Start trap, when it detects that the 9471 WMM has rebooted, or when it detects that the software version of the 9471 WMM has changed. Once the 9471 WMM goes out of maintenance state, 5620 SAM will trigger a full node resync.		

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Alarm	Attributes	Applicable major releases
Raising condition: ('Maintenance State' EQUAL 'True')		
Clearing condition: ('Maintenance State' EQUAL 'False')		
Remedial action: Informational - no corrective action required.		

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Table 23-23 NewSsh2ServerKeyDetected

Alarm	Attributes	Applicable major releases
Name: NewSsh2ServerKeyDetected (285) Type: communicationsAlarm (4) Package: security Raised on class: security.KnownHostKey	Severity: warning Implicitly cleared: true Default probable cause: ssh2ServerKeyMismatch (217)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 7.1.0 • 8.0.0 • 8.1.0
Description: The alarm is raised when a 5620 SAM main server detects a new public SSH key.		
Raising condition: ('SSH2 Server Key Status' EQUAL 'Mismatch SSH2 Host Key')		
Clearing condition: ('SSH2 Server Key Status' EQUAL 'Active SSH2 Host Key')		
Remedial action: Informational - possible security breach. The SSH key of the router is different from the one known to the SAM server.		

Table 23-24 NodeRebooted

Alarm	Attributes	Applicable major releases
Name: NodeRebooted (32) Type: equipmentAlarm (3) Package: netw Raised on class: netw.NetworkElement	Severity: warning Implicitly cleared: false Default probable cause: nodeReboot (25)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 7.1.0 • 8.0.0 • 8.1.0
Description: The alarm is raised when the 5620 SAM detects an NE reboot based on the latest NE sysUpTime value.		
Remedial action: Informational - if the alarm persists please contact Alcatel-Lucent support for assistance		

Table 23-25 NodeSuspended

Alarm	Attributes	Applicable major releases
Name: NodeSuspended (5123) Type: communicationsAlarm (4) Package: netw Raised on class: netw.NetworkElement	Severity: critical Implicitly cleared: true Default probable cause: NodeSuspend (2057)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 7.1.0 • 8.0.0 • 8.1.0
Description: The alarm is raised when the 5620 SAM detects an NE moved to suspend state as per user request.		
Raising condition: ('SNMP Reachability' EQUAL 'Suspended')		
Clearing condition: ('SNMP Reachability' NOT EQUAL 'Suspended')		
Remedial action: This alarm is raised when user suspends the network element. The alarm will be cleared when the network element is managed back.		

Table 23-26 OrphanNodeDetected

Alarm	Attributes	Applicable major releases
Name: OrphanNodeDetected (4866) Type: discoveryControlAlarm (33) Package: netw Raised on class: netw.AdvertisedNode	Severity: major Implicitly cleared: true Default probable cause: nodeNotMangedByAnyEms (1934)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 7.1.0 • 8.0.0 • 8.1.0
Description: The alarm is raised when node is node managed by any EMS after n retries(threshold crossed) it is manually cleared by the operator or when the node is discovered.		
Raising condition: ('State' EQUAL 'Orphan')		
Remedial action: The NE is not managed by any SAM. Add an discovery rule in order to managed it.		

Table 23-27 PartialResyncProblem

Alarm	Attributes	Applicable major releases
Name: PartialResyncProblem (4401) Type: communicationsAlarm (4) Package: netw Raised on class: netw.NetworkElement	Severity: warning Implicitly cleared: true Default probable cause: partialResyncProblem (1578)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 7.1.0 • 8.0.0 • 8.1.0
Description: The alarm is raised when a partial resync on an NE fails. For example, when resyncing only some MIB entries as opposed to a full resync. The periodic reachability test (sysUpTime) is not considered a partial resync, neither is a full resync. However, a PartialResyncProblem alarm can only be reset by a FullResync.		
Raising condition: ('partialResyncStatus' EQUAL 'Partial Resync Failed')		
Clearing condition: ('partialResyncStatus' EQUAL 'Partial Resync Done')		

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Alarm	Attributes	Applicable major releases
Remedial action: Informational - if the alarm persists or is occurring frequently then investigation is required to understand a) why the underlying transport network is unreliable or b) why the NE is too busy to respond to 5620 SAM or c) has SNMP been disabled on the NE.		

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Table 23-28 PollerProblem

Alarm	Attributes	Applicable major releases
Name: PollerProblem (31) Type: communicationsAlarm (4) Package: netw Raised on class: netw.NetworkElement	Severity: warning Implicitly cleared: true Default probable cause: resyncFailed (24)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 7.1.0 • 8.0.0 • 8.1.0
Description: The alarm is raised when the 5620 SAM is unable to poll a network object, for example, because of intermittent or no IP connectivity to an NE, incorrect SNMP security parameters, or disabled SNMP on the NE.		
Raising condition: ('Resync Status' EQUAL 'Full Resync Failed')		
Clearing condition: ('Resync Status' EQUAL 'Full Resync Done')		
Remedial action: Informational - if the alarm persists or is occurring frequently then investigation is required to understand a) why the underlying transport network is unreliable or b) why the NE is too busy to respond to 5620 SAM or c) has SNMP been disabled on the NE. Once the issue has been resolved SAM will automatically re-attempt.		

Table 23-29 RcaAuditAfterNEUpgradeStatus

Alarm	Attributes	Applicable major releases
Name: RcaAuditAfterNEUpgradeStatus (5124) Type: configurationAlarm (11) Package: netw Raised on class: netw.NetworkElement	Severity: info Implicitly cleared: false Default probable cause: rcaAuditStatusAfterNEUpgrade (2058)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 7.1.0 • 8.0.0 • 8.1.0
Description: The alarm is raised when the 5620 SAM detects an NE software version upgrade and RCA audit performed.		
Remedial action: Information - Check audit results for details		

Table 23-30 ReachabilityProblem

Alarm	Attributes	Applicable major releases
Name: ReachabilityProblem (243) Type: communicationsAlarm (4) Package: netw Raised on class: netw.NetworkElement	Severity: major Implicitly cleared: true Default probable cause: ReachabilityTestFailed (176)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 7.1.0 • 8.0.0 • 8.1.0
Description: The alarm is raised when a mediation poll of the SysUpTimeAlarm object on an NE fails, for example, because of network congestion or because the NE is too busy to respond. The probable cause is an unreachable NE Mediation agent on the NE. The polling interval depends on the NE type and is configurable in nms-server.xml. By default, the 5620 SAM polls a managed NE every four minutes. If a poll fails, the alarm is raised. The alarm clears when the 5620 SAM receives a response from the NE, and the 5620 SAM GUI icon that represents the NE turns from red to green.		
Raising condition: ('SNMP Reachability' EQUAL 'Down')		
Remedial action: Informational - if the alarm persists or is occurring frequently then investigation is required to understand a) why the underlying transport network is unreliable or b) why the NE is too busy to respond to 5620 SAM or c) has SNMP been disabled on the NE. Once the issue has been resolved SAM will automatically re-attempt.		

Table 23-31 ScheduledPollerProblem

Alarm	Attributes	Applicable major releases
Name: ScheduledPollerProblem (4386) Type: communicationsAlarm (4) Package: netw Raised on class: netw.NetworkElement	Severity: warning Implicitly cleared: true Default probable cause: scheduledResyncFailed (1569)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 7.1.0 • 8.0.0 • 8.1.0
Description: The alarm is raised when the 5620 SAM is unable to poll a network object, for example, because of intermittent or no IP connectivity to an NE, incorrect SNMP security parameters, or disabled SNMP on the NE.		
Raising condition: ('Scheduled Resync Status' EQUAL 'Scheduled Resync Failed')		
Clearing condition: ('Scheduled Resync Status' EQUAL 'Scheduled Resync Done')		
Remedial action: Informational - if the alarm persists or is occurring frequently then investigation is required to understand a) why the underlying transport network is unreliable or b) why the NE is too busy to respond to 5620 SAM or c) has SNMP been disabled on the NE. Once the issue has been resolved SAM will automatically re-attempt.		

Table 23-32 StatsRetrieveFailed

Alarm	Attributes	Applicable major releases
Name: StatsRetrieveFailed (244) Type: configurationAlarm (11) Package: sw Raised on class: sw.AccountingStatsRetrievalManager	Severity: major Implicitly cleared: false Default probable cause: fileTransferFailure (89)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 7.1.0 • 8.0.0 • 8.1.0
Description: The alarm is raised when the 5620 SAM main or auxiliary server cannot transfer an accounting file from an NE.		

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Alarm	Attributes	Applicable major releases
Raising condition: (('Stats Retrieval State' NOT EQUAL 'Success') AND ('Stats Retrieval State' NOT EQUAL 'Not Attempted'))		
Remedial action: Informational - if the alarm persists or is occurring frequently then investigation is required to understand a) why the underlying transport network is unreliable or b) why the NE is too busy or otherwise cannot respond to the 5620 SAM main or auxiliary server.		

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Table 23-33 SubscriberSystemNextHopUsageHigh

Alarm	Attributes	Applicable major releases
Name: SubscriberSystemNextHopUsageHigh (5157) Type: thresholdCrossed (6) Package: netw Raised on class: netw.NetworkElement	Severity: minor Implicitly cleared: true Default probable cause: resourceFull (53)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 7.1.0 • 8.0.0 • 8.1.0
Description: The alarm is raised when the IP next-hop usage by subscriber managed routes reaches its high watermark, cleared when it reaches its low watermark again; the watermarks are derived from the limit specified with the property subSysNextHopLimit.		
Raising condition: ('IP Next Hop Usage High' EQUAL 'true')		
Clearing condition: ('IP Next Hop Usage High' EQUAL 'false')		
Remedial action: The alarm is raised when the IP next-hop usage by subscriber managed routes reaches its high watermark, cleared when it reaches its low watermark again; the watermarks are derived from the limit specified with the property subSysNextHopLimit. There is no immediate effect, but when the usage actually hits the limit, new hosts will not get their managed routes.		

Table 23-34 SubSysChassMemoryUsageHi

Alarm	Attributes	Applicable major releases
Name: SubSysChassMemoryUsageHi (5656) Type: thresholdCrossed (6) Package: equipment Raised on class: equipment.Shelf	Severity: minor Implicitly cleared: true Default probable cause: resourceFull (53)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 7.1.0 • 8.0.0 • 8.1.0
Description: This alarm is raised when the memory usage by subscriber management on this system or chassis reaches its high watermark ('true').		
Raising condition: ('Memory Usage High' EQUAL 'True')		
Clearing condition: (('Memory Usage High' EQUAL 'False') OR ('Memory Usage High' EQUAL 'unspecified'))		
Remedial action: The memory usage by subscriber management on this system has reached its high watermark. Please check your memory usage.		

Table 23-35 TrapDestinationMisconfigured

Alarm	Attributes	Applicable major releases
Name: TrapDestinationMisconfigured (33) Type: configurationAlarm (11) Package: netw Raised on class: netw.NetworkElement	Severity: major Implicitly cleared: true Default probable cause: trapDestinationMisconfigured (26) Applicable probable causes: <ul style="list-style-type: none"> trapDestinationMisconfigured duplicateTrapLogId 	<ul style="list-style-type: none"> 6.0.0 7.0.0 7.1.0 8.0.0 8.1.0
Description: The alarm is raised when the 5620 SAM cannot be added to the NE's SNMP trap destinations.		
Raising condition: ('isTrapDestinationMisconfigured' EQUAL 'true')		
Clearing condition: ('isTrapDestinationMisconfigured' EQUAL 'false')		
Remedial action: A configuration error has been made which must be corrected. The SNMP trap destination on the NE must be configured to the IP address of the SAM server.		

Table 23-36 UnidentifiedNode

Alarm	Attributes	Applicable major releases
Name: UnidentifiedNode (1922) Type: communicationsAlarm (4) Package: netw Raised on class: netw.DiscoveredNode	Severity: major Implicitly cleared: true Default probable cause: unidentifiedNode (922)	<ul style="list-style-type: none"> 6.0.0 7.0.0 7.1.0 8.0.0 8.1.0
Description: The alarm is raised when the node being discovered can not be properly identified.		
Raising condition: ('State' EQUAL 'Pending Identification')		
Clearing condition: ('State' NOT EQUAL 'Pending Identification')		
Remedial action: A configuration error has occurred that must be corrected. The eNodeB does not have a system name. The name can be configured by selecting the alarm, opening the associated properties form for the alarmed object and configuring the system name.		

Table 23-37 UnmanageFailed

Alarm	Attributes	Applicable major releases
Name: UnmanageFailed (300) Type: discoveryControlAlarm (33) Package: netw Raised on class: netw.NodeDiscoveryControl	Severity: warning Implicitly cleared: true Default probable cause: unableToDeleteNode (231)	<ul style="list-style-type: none"> 6.0.0 7.0.0 7.1.0 8.0.0 8.1.0
Description: The alarm is raised when an attempt to unmanage an NE fails.		
Raising condition: ('Site State' EQUAL 'Unmanage Failed')		

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Alarm	Attributes	Applicable major releases
Clearing condition: ('Site State' NOT EQUAL 'Unmanage Failed')		
Remedial action: Informational - if the alarm persists please contact Alcatel-Lucent support for assistance		

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Table 23-38 WmmATCA_AggregatePowerSensor

Alarm	Attributes	Applicable major releases
Name: WmmATCA_AggregatePowerSensor (4171) Type: mmeAlarm (77) Package: Itemme Raised on class: Itemme.MmeAlarmEntry	Severity: variable Implicitly cleared: true Default probable cause: mmeUnspecifiedReason (607)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 7.1.0 • 8.0.0 • 8.1.0
Description: The aggregate power sensor alarm provides a summary status of all power related conditions adversely affecting a resource. When this alarm occurs, in most cases, there will be another power related alarm that provides more details about the exact resource power sensor that is reporting the condition. From the MI GUI, alarms on a resource may be retrieved by selecting the managed object for that resource and then selecting the right-click operation to display related alarms.		
Remedial action: Investigate all other temperature and power related alarms on the resource and follow those alarms fault recovery procedures. Once all of these related alarms are cleared, this alarm will clear.		

Table 23-39 WmmATCA_AggregateTemperatureSensor

Alarm	Attributes	Applicable major releases
Name: WmmATCA_AggregateTemperatureSensor (4172) Type: mmeAlarm (77) Package: Itemme Raised on class: Itemme.MmeAlarmEntry	Severity: variable Implicitly cleared: true Default probable cause: mmeUnspecifiedReason (607)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 7.1.0 • 8.0.0 • 8.1.0
Description: The aggregate temperatures sensor alarm provides a summary status of all temperature related conditions adversely affecting a resource. When this alarm occurs, in most cases, there will be another temperature related alarm that provides more details about the exact resource temperature sensor that is reporting the condition. From the MI GUI, alarms on a resource may be retrieved by selecting the managed object for that resource and then selecting the right-click operation to display related alarms.		
Remedial action: Investigate all other temperature and power related alarms on the resource and follow those alarms fault recovery procedures. Once all of these related alarms are cleared, this alarm will clear.		

Table 23-40 WmmATCA_BoardPower

Alarm	Attributes	Applicable major releases
Name: WmmATCA_BoardPower (4173) Type: mmeAlarm (77) Package: Itemme Raised on class: Itemme.MmeAlarmEntry	Severity: variable Implicitly cleared: true Default probable cause: mmeUnspecifiedReason (607)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 7.1.0 • 8.0.0 • 8.1.0
Description: A board is either in the inactive or not present state. This means that the board has been powered down.		
Remedial action: Verify that the blade is powered on. This can be performed remotely using CLI on the shelf manager or locally by observing specific LEDs and their status. Verify that the blade is seated correctly in the chassis. Try to re-seat the blade in the chassis. Replace the blade if necessary, refer to FRU procedure. Contact Alcatel-Lucent Customer Support.		

Table 23-41 WmmATCA_CPLDState

Alarm	Attributes	Applicable major releases
Name: WmmATCA_CPLDState (4174) Type: mmeAlarm (77) Package: Itemme Raised on class: Itemme.MmeAlarmEntry	Severity: variable Implicitly cleared: true Default probable cause: mmeUnspecifiedReason (607)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 7.1.0 • 8.0.0 • 8.1.0
Description: This alarm indicates a change in the redundancy status of the shelf management cards. The specific problem of the alarm contains the specific redundancy state of the shelf management card.		
Remedial action: Verify that the shelf management card is inserted properly. If the shelf management card is inserted, reseal the shelf management card. If reseating the shelf management card does not correct the problem, replace the shelf management card.		

Table 23-42 WmmATCA_DS75Temperature

Alarm	Attributes	Applicable major releases
Name: WmmATCA_DS75Temperature (4175) Type: mmeAlarm (77) Package: Itemme Raised on class: Itemme.MmeAlarmEntry	Severity: variable Implicitly cleared: true Default probable cause: mmeUnspecifiedReason (607)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 7.1.0 • 8.0.0 • 8.1.0
Description: This alarm indicates that the AMC (Advanced Mezzanine Card) temperature monitoring sensor has detected a threshold being crossed.		
Remedial action: There is a condition in which this alarm, with minor severity, is being erroneously reported by the hardware, so ignore any minor alarms pertaining to this sensor. Check if there are other alarms that could explain the rise in temperature, especially fan alarms. If there are, troubleshoot these alarms first. Check that the room air conditioning system is operating properly. Check that the fan units of the suspect chassis are operating correctly. If they are not, replace the fan units according to the replacement procedure. If fans are operating properly and if there is no other alarm, replace faulty FRU according to the appropriate replacement procedure. If the problem persists, contact Alcatel-Lucent Customer Support.		

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Table 23-43 WmmATCA_ExhaustTemp

Alarm	Attributes	Applicable major releases
Name: WmmATCA_ExhaustTemp (4176) Type: mmeAlarm (77) Package: Itemme Raised on class: Itemme.MmeAlarmEntry	Severity: variable Implicitly cleared: true Default probable cause: mmeUnspecifiedReason (607)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 7.1.0 • 8.0.0 • 8.1.0
Description: This alarm indicates that the ASS7BF AMC (Advanced Mezzanine Card) temperature monitoring sensor has detected a threshold being crossed.		
Remedial action: There is a condition in which this alarm, with minor severity, is being erroneously reported by the hardware, so ignore any minor alarms pertaining to this sensor. Check if there are other alarms that could explain the rise in temperature, especially fan alarms. If there are, troubleshoot these alarms first. Check that the room air conditioning system is operating properly. Check that the fan units of the suspect chassis are operating correctly. If they are not, replace the fan units according to the replacement procedure. If fans are operating properly and if there is no other alarm, replace faulty FRU according to the appropriate replacement procedure. If the problem persists, contact Alcatel-Lucent Customer Support.		

Table 23-44 WmmATCA_FanSpeed

Alarm	Attributes	Applicable major releases
Name: WmmATCA_FanSpeed (4178) Type: mmeAlarm (77) Package: Itemme Raised on class: Itemme.MmeAlarmEntry	Severity: variable Implicitly cleared: true Default probable cause: mmeUnspecifiedReason (607)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 7.1.0 • 8.0.0 • 8.1.0
Description: This alarm indicates that a fan's speed has crossed a threshold.		
Remedial action: Replace the faulty fan unit according to the appropriate replacement procedure.		

Table 23-45 WmmATCA_FanTrayPresence

Alarm	Attributes	Applicable major releases
Name: WmmATCA_FanTrayPresence (4179) Type: mmeAlarm (77) Package: Itemme Raised on class: Itemme.MmeAlarmEntry	Severity: variable Implicitly cleared: true Default probable cause: mmeUnspecifiedReason (607)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 7.1.0 • 8.0.0 • 8.1.0
Description: This alarm indicates that one of the fan trays is not present in the chassis. The fan tray in question will be identified in the additionalText field of the alarm.		
Remedial action: Insert the fan tray.		

Table 23-46 WmmATCA_FanTraysFRU

Alarm	Attributes	Applicable major releases
Name: WmmATCA_FanTraysFRU (4180) Type: mmeAlarm (77) Package: Itemme Raised on class: Itemme.MmeAlarmEntry	Severity: variable Implicitly cleared: true Default probable cause: mmeUnspecifiedReason (607)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 7.1.0 • 8.0.0 • 8.1.0
Description: This alarm indicates a problem with one or more of the fan trays.		
Remedial action: Verify that all Fan Trays are properly seated in the chassis. Verify that the type of Fan Trays are compatible. Contact Alcatel-Lucent Customer Support if incompatible. Verify that the cooling parameters are set correctly. Contact Alcatel-Lucent Customer Support to adjust parameters.		

Table 23-47 WmmATCA_FilterPresence

Alarm	Attributes	Applicable major releases
Name: WmmATCA_FilterPresence (4181) Type: mmeAlarm (77) Package: Itemme Raised on class: Itemme.MmeAlarmEntry	Severity: variable Implicitly cleared: true Default probable cause: mmeUnspecifiedReason (607)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 7.1.0 • 8.0.0 • 8.1.0
Description: A filter is not present in the chassis. The additional text field of the alarm will indicate which filter is not present.		
Remedial action: Insert the filter that is not present.		

Table 23-48 WmmATCA_FPGATemp

Alarm	Attributes	Applicable major releases
Name: WmmATCA_FPGATemp (4177) Type: mmeAlarm (77) Package: Itemme Raised on class: Itemme.MmeAlarmEntry	Severity: variable Implicitly cleared: true Default probable cause: mmeUnspecifiedReason (607)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 7.1.0 • 8.0.0 • 8.1.0
Description: This alarm indicates that the DCI AMC (Advanced Mezzanine Card) FPGA Temp monitoring sensor has detected a threshold being crossed. This indicates there is a problem with the die temperature of the DCI FPGA.		
Remedial action: Check if there are other alarms that could explain the rise in temperature, especially fan alarms. If there are, troubleshoot these alarms first. Check that the room air conditioning system is operating properly. Check that the fan units of the suspect chassis are operating correctly. If they are not, replace the fan units according to the replacement procedure. If fans are operating properly and if there is no other alarm, replace faulty FRU according to the appropriate replacement procedure. If the problem persists, contact Alcatel-Lucent Customer Support.		

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Table 23-49 WmmATCA_I2CLocalBus

Alarm	Attributes	Applicable major releases
Name: WmmATCA_I2CLocalBus (4182) Type: mmeAlarm (77) Package: Itemme Raised on class: Itemme.MmeAlarmEntry	Severity: variable Implicitly cleared: true Default probable cause: mmeUnspecifiedReason (607)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 7.1.0 • 8.0.0 • 8.1.0
Description: This alarm reports an abnormal condition in the hardware state of the I2C Local Bus.		
Remedial action: If the condition does not clear, contact Alcatel-Lucent Customer Support		

Table 23-50 WmmATCA_InletTemp

Alarm	Attributes	Applicable major releases
Name: WmmATCA_InletTemp (4184) Type: mmeAlarm (77) Package: Itemme Raised on class: Itemme.MmeAlarmEntry	Severity: variable Implicitly cleared: true Default probable cause: mmeUnspecifiedReason (607)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 7.1.0 • 8.0.0 • 8.1.0
Description: This alarm indicates that the AMC (Advanced Mezzanine Card) Inlet Temp monitoring sensor at the upper edge of the AMC has detected a threshold being crossed.		
Remedial action: Check if there are other alarms that could explain the rise in temperature, especially fan alarms. If there are, troubleshoot these alarms first. Check that the room air conditioning system is operating properly. Check that the fan units of the suspect chassis are operating correctly. If they are not, replace the fan units according to the replacement procedure. If fans are operating properly and if there is no other alarm, replace faulty FRU according to the appropriate replacement procedure. If the problem persists, contact Alcatel-Lucent Customer Support.		

Table 23-51 WmmATCA_IPMblink

Alarm	Attributes	Applicable major releases
Name: WmmATCA_IPMblink (4183) Type: mmeAlarm (77) Package: Itemme Raised on class: Itemme.MmeAlarmEntry	Severity: variable Implicitly cleared: true Default probable cause: mmeUnspecifiedReason (607)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 7.1.0 • 8.0.0 • 8.1.0
Description: This alarm indicates a problem with the IPMB(Intelligent Platform Management Bus) Link between the shelf manager and the board. This alarm may be reported by the shelf manager for the portion of the link that it monitors, or by the board for the portion of the link it monitors.		
Remedial action: If the Link has been manually disabled, try to enable the link from the active shelf manager card with the command, 'clia setipmbstate <IPMB address> [AB] 1'. If the board is reporting a link failure, replace the board. If the shelf is reporting a link failure, replace the shelf management card. If replacing the board and shelf management card do not solve the problem, replace the shelf. Contact Alcatel-Lucent Customer Support.		

Table 23-52 WmmATCA_LM75Temperature

Alarm	Attributes	Applicable major releases
Name: WmmATCA_LM75Temperature (4185) Type: mmeAlarm (77) Package: Itemme Raised on class: Itemme.MmeAlarmEntry	Severity: variable Implicitly cleared: true Default probable cause: mmeUnspecifiedReason (607)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 7.1.0 • 8.0.0 • 8.1.0
Description: This alarm indicates a temperature problem with a board.		
Remedial action: There is a condition in which this alarm, with minor severity, is being erroneously reported by the hardware, so ignore any minor alarms pertaining to this sensor. Check if there are other alarms that could explain the rise in temperature, especially fan alarms. If there are, troubleshoot these alarms first. Check that the room air conditioning system is operating properly. Check that the fan units of the suspect chassis are operating correctly. If they are not, replace the fan units according to the replacement procedure. If fans are operating properly and if there is no other alarm, replace faulty FRU according to the appropriate replacement procedure. If the problem persists, contact Alcatel-Lucent Customer Support.		

Table 23-53 WmmATCA_LM83Temperature

Alarm	Attributes	Applicable major releases
Name: WmmATCA_LM83Temperature (4186) Type: mmeAlarm (77) Package: Itemme Raised on class: Itemme.MmeAlarmEntry	Severity: variable Implicitly cleared: true Default probable cause: mmeUnspecifiedReason (607)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 7.1.0 • 8.0.0 • 8.1.0
Description: This alarm indicates a temperature problem with a board. There are 5 LM83 sensors(LM83_1 Local,LM83_1 DBG,LM83_1 BASE,LM83_1 LSI,LM83_2 Local) that monitor the temperature of the board.		
Remedial action: There is a condition in which this alarm, with minor severity, is being erroneously reported by the hardware, so ignore any minor alarms pertaining to this sensor. Check if there are other alarms that could explain the rise in temperature, especially fan alarms. If there are, troubleshoot these alarms first. Check that the room air conditioning system is operating properly. Check that the fan units of the suspect chassis are operating correctly. If they are not, replace the fan units according to the replacement procedure. If fans are operating properly and if there is no other alarm, replace faulty FRU according to the appropriate replacement procedure. If the problem persists, contact Alcatel-Lucent Customer Support.		

Table 23-54 WmmATCA_LMeUC75Temperature

Alarm	Attributes	Applicable major releases
Name: WmmATCA_LMeUC75Temperature (4188) Type: mmeAlarm (77) Package: Itemme Raised on class: Itemme.MmeAlarmEntry	Severity: variable Implicitly cleared: true Default probable cause: mmeUnspecifiedReason (607)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 7.1.0 • 8.0.0 • 8.1.0
Description: This alarm indicates that the ASS7NB AMC (Advanced Mezzanine Card) temperature monitoring sensor has detected a threshold being crossed.		

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Alarm	Attributes	Applicable major releases
<p>Remedial action: There is a condition in which this alarm, with minor severity, is being erroneously reported by the hardware, so ignore any minor alarms pertaining to this sensor. Check if there are other alarms that could explain the rise in temperature, especially fan alarms. If there are, troubleshoot these alarms first. Check that the room air conditioning system is operating properly. Check that the fan units of the suspect chassis are operating correctly. If they are not, replace the fan units according to the replacement procedure. If fans are operating properly and if there is no other alarm, replace faulty FRU according to the appropriate replacement procedure. If the problem persists, contact Alcatel-Lucent Customer Support.</p>		

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Table 23-55 WmmATCA_LMeUC75TopRig

Alarm	Attributes	Applicable major releases
Name: WmmATCA_LMeUC75TopRig (4404) Type: mmeAlarm (77) Package: Itemme Raised on class: Itemme.MmeAlarmEntry	Severity: variable Implicitly cleared: true Default probable cause: mmeUnspecifiedReason (607)	<ul style="list-style-type: none"> • 7.0.0 • 7.1.0 • 8.0.0 • 8.1.0
<p>Description: This alarm indicates that the ASS7BN AMC (Advanced Mezzanine Card) temperature monitoring sensor has detected a threshold being crossed.</p>		
<p>Remedial action: Check if there are other alarms that could explain the rise in temperature, especially fan alarms. If there are, troubleshoot these alarms first. Check that the room air conditioning system is operating properly. Check that the fan units of the suspect chassis are operating correctly. If they are not, replace the fan units according to the replacement procedure. If fans are operating properly and if there is no other alarm, replace faulty FRU according to the appropriate replacement procedure. If the problem persists, contact Alcatel-Lucent Customer Support.</p>		

Table 23-56 WmmATCA_LMUC75TopRig

Alarm	Attributes	Applicable major releases
Name: WmmATCA_LMUC75TopRig (4187) Type: mmeAlarm (77) Package: Itemme Raised on class: Itemme.MmeAlarmEntry	Severity: variable Implicitly cleared: true Default probable cause: mmeUnspecifiedReason (607)	<ul style="list-style-type: none"> • 6.0.0
<p>Description: This alarm indicates that the ASS7BN AMC (Advanced Mezzanine Card) temperature monitoring sensor has detected a threshold being crossed.</p>		
<p>Remedial action: Check if there are other alarms that could explain the rise in temperature, especially fan alarms. If there are, troubleshoot these alarms first. Check that the room air conditioning system is operating properly. Check that the fan units of the suspect chassis are operating correctly. If they are not, replace the fan units according to the replacement procedure. If fans are operating properly and if there is no other alarm, replace faulty FRU according to the appropriate replacement procedure. If the problem persists, contact Alcatel-Lucent Customer Support.</p>		

Table 23-57 WmmATCA_LocalTemperature

Alarm	Attributes	Applicable major releases
Name: WmmATCA_LocalTemperature (4189) Type: mmeAlarm (77) Package: Itemme Raised on class: Itemme.MmeAlarmEntry	Severity: variable Implicitly cleared: true Default probable cause: mmeUnspecifiedReason (607)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 7.1.0 • 8.0.0 • 8.1.0
Description: This alarm indicates a temperature problem with a board.		
Remedial action: Check if there are other alarms that could explain the rise in temperature, especially fan alarms. If there are, troubleshoot these alarms first. Check that the room air conditioning system is operating properly. Check that the fan units of the suspect chassis are operating correctly. If they are not, replace the fan units according to the replacement procedure. If fans are operating properly and if there is no other alarm, replace faulty FRU according to the appropriate replacement procedure. If the problem persists, contact Alcatel-Lucent Customer Support.		

Table 23-58 WmmATCA_m48vSensor

Alarm	Attributes	Applicable major releases
Name: WmmATCA_m48vSensor (4198) Type: mmeAlarm (77) Package: Itemme Raised on class: Itemme.MmeAlarmEntry	Severity: variable Implicitly cleared: true Default probable cause: mmeUnspecifiedReason (607)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 7.1.0 • 8.0.0 • 8.1.0
Description: This alarm indicates a problem with the -48V shelf power supply A and/or B feeds.		
Remedial action: Check the top rack power distribution unit's LED and circuit breakers. Replace the faulty power supply according to the appropriate replacement procedures. If the problem persists, contact Alcatel-Lucent Customer Support.		

Table 23-59 WmmATCA_MMCTemp

Alarm	Attributes	Applicable major releases
Name: WmmATCA_MMCTemp (4190) Type: mmeAlarm (77) Package: Itemme Raised on class: Itemme.MmeAlarmEntry	Severity: variable Implicitly cleared: true Default probable cause: mmeUnspecifiedReason (607)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 7.1.0 • 8.0.0 • 8.1.0
Description: This alarm indicates that the DCI AMC (Advanced Mezzanine Card) MMC Temp monitoring sensor has detected a threshold being crossed. This indicates there is a problem with the die temperature of the MMC FPGA.		
Remedial action: Check if there are other alarms that could explain the rise in temperature, especially fan alarms. If there are, troubleshoot these alarms first. Check that the room air conditioning system is operating properly. Check that the fan units of the suspect chassis are operating correctly. If they are not, replace the fan units according to the replacement procedure. If fans are operating properly and if there is no other alarm, replace faulty FRU according to the appropriate replacement procedure. If the problem persists, contact Alcatel-Lucent Customer Support.		

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Table 23-60 WmmATCA_OcteonTemperature

Alarm	Attributes	Applicable major releases
Name: WmmATCA_OcteonTemperature (4191) Type: mmeAlarm (77) Package: Itemme Raised on class: Itemme.MmeAlarmEntry	Severity: variable Implicitly cleared: true Default probable cause: mmeUnspecifiedReason (607)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 7.1.0 • 8.0.0 • 8.1.0
Description: This alarm indicates a temperature problem with the Octeon module.		
Remedial action: Check if there are other alarms that could explain the rise in temperature, especially fan alarms. If there are, troubleshoot these alarms first. Check that the room air conditioning system is operating properly. Check that the fan units of the suspect chassis are operating correctly. If they are not, replace the fan units according to the replacement procedure. If fans are operating properly and if there is no other alarm, replace faulty FRU according to the appropriate replacement procedure. If the problem persists, contact Alcatel-Lucent Customer Support.		

Table 23-61 WmmATCA_OutletTemp

Alarm	Attributes	Applicable major releases
Name: WmmATCA_OutletTemp (4192) Type: mmeAlarm (77) Package: Itemme Raised on class: Itemme.MmeAlarmEntry	Severity: variable Implicitly cleared: true Default probable cause: mmeUnspecifiedReason (607)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 7.1.0 • 8.0.0 • 8.1.0
Description: This alarm indicates that the AMC (Advanced Mezzanine Card) Outlet Temp monitoring sensor at the lower edge of the AMC has detected a threshold being crossed.		
Remedial action: Check if there are other alarms that could explain the rise in temperature, especially fan alarms. If there are, troubleshoot these alarms first. Check that the room air conditioning system is operating properly. Check that the fan units of the suspect chassis are operating correctly. If they are not, replace the fan units according to the replacement procedure. If fans are operating properly and if there is no other alarm, replace faulty FRU according to the appropriate replacement procedure. If the problem persists, contact Alcatel-Lucent Customer Support.		

Table 23-62 WmmATCA_PayloadCurrent

Alarm	Attributes	Applicable major releases
Name: WmmATCA_PayloadCurrent (4193) Type: mmeAlarm (77) Package: Itemme Raised on class: Itemme.MmeAlarmEntry	Severity: variable Implicitly cleared: true Default probable cause: mmeUnspecifiedReason (607)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 7.1.0 • 8.0.0 • 8.1.0
Description: This alarm indicates a current problem on a board, resulting from the Payload Amps sensor threshold being crossed.		
Remedial action: Check if other cards in the chassis have a similar alarm. If this is the case, there may be a problem with the power supply unit(s). Replace the faulty card according to the appropriate replacement procedure. Replace the interface unit located behind the faulty card according to the appropriate replacement procedure. If the problem persists, contact Alcatel-Lucent Customer Support.		

Table 23-63 WmmATCA_PayloadVoltage

Alarm	Attributes	Applicable major releases
Name: WmmATCA_PayloadVoltage (4194) Type: mmeAlarm (77) Package: Itemme Raised on class: Itemme.MmeAlarmEntry	Severity: variable Implicitly cleared: true Default probable cause: mmeUnspecifiedReason (607)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 7.1.0 • 8.0.0 • 8.1.0
Description: This alarm indicates a voltage problem with a board.		
Remedial action: Check if all of the cards in the chassis have the same alarm. If this is the case, replace the power supply unit(s) according to the appropriate replacement procedure. Replace the faulty card according to the appropriate replacement procedure. Replace the interface unit located behind the faulty card according to the appropriate replacement procedure. If the problem persists, contact Alcatel-Lucent Customer Support.		

Table 23-64 WmmATCA_PowerOk

Alarm	Attributes	Applicable major releases
Name: WmmATCA_PowerOk (4195) Type: mmeAlarm (77) Package: Itemme Raised on class: Itemme.MmeAlarmEntry	Severity: variable Implicitly cleared: true Default probable cause: mmeUnspecifiedReason (607)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 7.1.0 • 8.0.0 • 8.1.0
Description: This alarm indicates state of power ok signal from ISPPAC.		
Remedial action: Verify that the blade is powered on. Verify that the blade is seated correctly in the chassis. Try to re-seat the blade in the chassis. Replace the blade if necessary, refer to FRU procedure. Contact Alcatel-Lucent Customer Support.		

Table 23-65 WmmATCA_ShelfFRUs

Alarm	Attributes	Applicable major releases
Name: WmmATCA_ShelfFRUs (4196) Type: mmeAlarm (77) Package: Itemme Raised on class: Itemme.MmeAlarmEntry	Severity: variable Implicitly cleared: true Default probable cause: mmeUnspecifiedReason (607)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 7.1.0 • 8.0.0 • 8.1.0
Description: This alarm indicates a problem with the shelf FRU information stored in the EEPROMs (located on the NFATCAV2 back panel and accessed via the I2C local bus). The EEPROMS contents are validated when a shelf manager is initialized as the active shelf manager, and periodically by the active shelf manager.		
Remedial action: A firmware upgrade may be needed, contact Alcatel-Lucent Customer Support.		

Table 23-66 WmmATCA_UnexpectedDeact

Alarm	Attributes	Applicable major releases
Name: WmmATCA_UnexpectedDeact (4197) Type: mmeAlarm (77) Package: Itemme Raised on class: Itemme.MmeAlarmEntry	Severity: variable Implicitly cleared: true Default probable cause: mmeUnspecifiedReason (607)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 7.1.0 • 8.0.0 • 8.1.0
Description: This sensor reports unexpected deactivation (transition to INACTIVE state) origin. It is asserted		
Remedial action: Look at sensor alarms to see why the card was deactivated and resolve underlying problems.		

Table 23-67 WmmLSS_cardConnectionLost

Alarm	Attributes	Applicable major releases
Name: WmmLSS_cardConnectionLost (4199) Type: mmeAlarm (77) Package: Itemme Raised on class: Itemme.MmeAlarmEntry	Severity: variable Implicitly cleared: true Default probable cause: mmeUnspecifiedReason (607)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 7.1.0 • 8.0.0 • 8.1.0
Description: REM detected a problem with its connectivity to a service member under its control, or a service member has missed a heartbeat to REM.		
Remedial action: Verify the status on the service on the MI GUI. It should be 'Out of Service'. If it is active, or standby hot, with its mate being active, or manually out-of-service (unlocked/disabled/idle) then the alarm condition is not valid. If communication to the service does not come back within several minutes (e.g. the cardConnectionLost alarm does not clear), it may be necessary to connect to the card's console-port to get the status of the service. Consult card specific documentation about the console commands to obtain the card service state. If you are not successful in connecting to the console, this could be due to either a networking problem, or a fault in the card. If the card is inaccessible via console, it can be recovered via the reset button, or by power cycling. Continued trouble may mean the card is having some hardware difficulty; and Alcatel-Lucent Customer Support should be contacted to determine the next step(s). Try to ping the internal fixed service ip address of the service member from the host which is running the active CNFG service. If pinging the service member from the CNFG host succeeds, then go to Step 4; else go to Step 5. Determine if REM has a connection to the service member via the use of the netstat command on the host which has the active CNFG service. The following command will give a list of IP addresses that REM has connected to via well-known port 20000: netstat -a grep 20000. Look for an 'Established' connection to the service's IP address in the output of the above command. If the service's IP address is not found in the output and this is the first time you have visited this step, then go to Step 6. If the service's IP address is not found in the output and this is the second time you have visited this step, then go to Step 7. Check the IP connections from the host that has the active CNFG service member to the switches and the routers. Check the connection to the card. If connection problems are found, they must be fixed. One can also verify that the appropriate service IP addresses have been plumbed and the appropriate service image has been downloaded to the card. Try switching the CNFG service to its currently standby hot member via MI GUI. Stop and start the CNFG service via the stopCNFG and startCNFG commands, respectively. This will stop the REM process and restart it, among others within the CNFG service. Once the CNFG service is active, the virtual cluster can be switched back. Note that error recovery and provisioning ability will be affected if the CNFG service is not operational. Restart/reload the service. This may be done via the MI GUI.		

Table 23-68 WmmLSS_cardError

Alarm	Attributes	Applicable major releases
Name: WmmLSS_cardError (4200) Type: mmeAlarm (77) Package: Itemme Raised on class: Itemme.MmeAlarmEntry	Severity: variable Implicitly cleared: true Default probable cause: mmeUnspecifiedReason (607)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 7.1.0 • 8.0.0 • 8.1.0
Description: This alarm indicates that a hardware diagnostic failure has been detected. Depending on the criticality of the checks, alarms with various severities are generated.		
Remedial action: For the Critical Alarm, the card should be taken OOS and replaced. For the Major Alarm, the card should be taken OOS and rebooted to see if the alarm clears. If it does not clear or there are other reports from the card (such as Asserts) reporting problems, the card should be left OOS and Alcatel-Lucent Customer Support should be contacted. For the Minor Alarm, contact Alcatel-Lucent Customer Support for the correction procedure.		

Table 23-69 WmmLSS_cdrFileStorageSpaceThreshold

Alarm	Attributes	Applicable major releases
Name: WmmLSS_cdrFileStorageSpaceThreshold (5388) Type: mmeAlarm (77) Package: Itemme Raised on class: Itemme.MmeAlarmEntry	Severity: variable Implicitly cleared: true Default probable cause: mmeUnspecifiedReason (607)	<ul style="list-style-type: none"> • 8.0.0 • 8.1.0
Description: CDRs file storage space threshold reached		
Remedial action: Continue to the next action only if the system does not clear the alarm: test the accessibility to the Charging Gateway (ping command); trace the route to the Charging Gateway (traceroute command). If the problem persists, contact Alcatel-Lucent Customer Support.		

Table 23-70 WmmLSS_cdrStorageSpaceThreshold

Alarm	Attributes	Applicable major releases
Name: WmmLSS_cdrStorageSpaceThreshold (4405) Type: mmeAlarm (77) Package: Itemme Raised on class: Itemme.MmeAlarmEntry	Severity: variable Implicitly cleared: true Default probable cause: mmeUnspecifiedReason (607)	<ul style="list-style-type: none"> • 7.0.0 • 7.1.0 • 8.0.0 • 8.1.0
Description: CDRs storage space threshold reached		
Remedial action: Continue to the next action only if the system does not clear the alarm: test the accessibility to the Charging Gateway (ping command); trace the route to the Charging Gateway (traceroute command). If the problem persists, contact Alcatel-Lucent Customer Support.		

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Table 23-71 WmmLSS_cgfNotResponding

Alarm	Attributes	Applicable major releases
Name: WmmLSS_cgfNotResponding (4406) Type: mmeAlarm (77) Package: Itemme Raised on class: Itemme.MmeAlarmEntry	Severity: variable Implicitly cleared: true Default probable cause: mmeUnspecifiedReason (607)	<ul style="list-style-type: none"> • 7.0.0 • 7.1.0 • 8.0.0 • 8.1.0
Description: SGSN/CGF interface: CGF not responding		
Remedial action: Continue to the next action only if the system does not clear the alarm: test the accessibility to the Charging Gateway (ping command); trace the route to the Charging Gateway (traceroute command); If the problem persists, contact Alcatel-Lucent Customer Support.		

Table 23-72 WmmLSS_cgfServiceNotSupported

Alarm	Attributes	Applicable major releases
Name: WmmLSS_cgfServiceNotSupported (4407) Type: mmeAlarm (77) Package: Itemme Raised on class: Itemme.MmeAlarmEntry	Severity: variable Implicitly cleared: true Default probable cause: mmeUnspecifiedReason (607)	<ul style="list-style-type: none"> • 7.0.0 • 7.1.0 • 8.0.0 • 8.1.0
Description: The Charging Gateway is not able to process the CDRs transmitted by the SGSN		
Remedial action: Continue to the next action only if the system does not clear the alarm: If the problem persists, contact Alcatel-Lucent Customer Support.		

Table 23-73 WmmLSS_cgfSystemFailure

Alarm	Attributes	Applicable major releases
Name: WmmLSS_cgfSystemFailure (4408) Type: mmeAlarm (77) Package: Itemme Raised on class: Itemme.MmeAlarmEntry	Severity: variable Implicitly cleared: true Default probable cause: mmeUnspecifiedReason (607)	<ul style="list-style-type: none"> • 7.0.0 • 7.1.0 • 8.0.0 • 8.1.0
Description: SGSN/CGF interface: 'system failure' response		
Remedial action: Continue to the next action only if the system does not clear the alarm: If the problem persists, contact Alcatel-Lucent Customer Support.		

Table 23-74 WmmLSS_cgfVersionNotSupported

Alarm	Attributes	Applicable major releases
Name: WmmLSS_cgfVersionNotSupported (4409) Type: mmeAlarm (77) Package: Itemme Raised on class: Itemme.MmeAlarmEntry	Severity: variable Implicitly cleared: true Default probable cause: mmeUnspecifiedReason (607)	<ul style="list-style-type: none"> • 7.0.0 • 7.1.0 • 8.0.0 • 8.1.0
Description: The version of GTP' supported by the SGSN is not supported by the Charging Gateway.		
Remedial action: Continue to the next action only if the system does not clear the alarm: check GTP' version at Charging Gateway. If the problem persists, contact Alcatel-Lucent Customer Support.		

Table 23-75 WmmLSS_cmasFailure

Alarm	Attributes	Applicable major releases
Name: WmmLSS_cmasFailure (4800) Type: mmeAlarm (77) Package: Itemme Raised on class: Itemme.MmeAlarmEntry	Severity: variable Implicitly cleared: true Default probable cause: mmeUnspecifiedReason (607)	<ul style="list-style-type: none"> • 7.0.0 • 7.1.0 • 8.0.0 • 8.1.0
Description: This alarm indicates that there is software failure in s1mme or sbc modules, related to CMAS.		
Remedial action: Contact Alcatel-Lucent Customer Support.		

Table 23-76 WmmLSS_cmasReceiveFailure

Alarm	Attributes	Applicable major releases
Name: WmmLSS_cmasReceiveFailure (4801) Type: mmeAlarm (77) Package: Itemme Raised on class: Itemme.MmeAlarmEntry	Severity: variable Implicitly cleared: true Default probable cause: mmeUnspecifiedReason (607)	<ul style="list-style-type: none"> • 7.0.0 • 7.1.0 • 8.0.0 • 8.1.0
Description: This alarm indicates that MME failed to receive an acknowledgement to a CMAS message.		
Remedial action: Verify that the S1mme links are up. Alarm can only be cleared manually by running 'alarm_cli --clear alarmName="LSS_cmasReceiveFailure' from the active MI. If condition persists, contact Alcatel-Lucent Customer Support."		

Table 23-77 WmmLSS_cmasSendFailure

Alarm	Attributes	Applicable major releases
Name: WmmLSS_cmasSendFailure (4802) Type: mmeAlarm (77) Package: Itemme Raised on class: Itemme.MmeAlarmEntry	Severity: variable Implicitly cleared: true Default probable cause: mmeUnspecifiedReason (607)	<ul style="list-style-type: none"> • 7.0.0 • 7.1.0 • 8.0.0 • 8.1.0
Description: This alarm indicates that there is a failure in sending a CMAS message over s1mme or sbc interfaces.		
Remedial action: Verify that the S1mme and sbc links are up. Alarm can only be cleared manually by running 'alarm_cli --clear alarmName="LSS_cmasSendFailure' from the active MI. If condition persists, contact Alcatel-Lucent Customer Support."		

Table 23-78 WmmLSS_connectionLostToLDPpeer

Alarm	Attributes	Applicable major releases
Name: WmmLSS_connectionLostToLDPpeer (5151) Type: mmeAlarm (77) Package: Itemme Raised on class: Itemme.MmeAlarmEntry	Severity: variable Implicitly cleared: false Default probable cause: mmeUnspecifiedReason (607)	<ul style="list-style-type: none"> • 7.1.0 • 8.0.0 • 8.1.0
Description: There is no LDP session with a peer (SDP far-end).		
Remedial action: Check configuration: SDP administrative state, SDP far-end IP address. Check IP connectivity between SAF and LDP peer IP address. Manually clear the alarm.		

Table 23-79 WmmLSS_cpiAlrmCritical

Alarm	Attributes	Applicable major releases
Name: WmmLSS_cpiAlrmCritical (4201) Type: mmeAlarm (77) Package: Itemme Raised on class: Itemme.MmeAlarmEntry	Severity: variable Implicitly cleared: true Default probable cause: mmeUnspecifiedReason (607)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 7.1.0 • 8.0.0 • 8.1.0
Description: The raised alarm LSS_cpiAlrmCritical indicates the value of the VS.alrmCritical measurement monitored by the Critical Alarms Count CPI exceeded a threshold in the last 15 minute interval.		
Remedial action: Using the Maintenance Interface, examine the set of critical alarms or any other alarms recently raised and address them. This alarm will clear automatically if the rate of critical alarm generation drops below the threshold.		

Table 23-80 WmmLSS_cpiAlrmMajor

Alarm	Attributes	Applicable major releases
Name: WmmLSS_cpiAlrmMajor (4202) Type: mmeAlarm (77) Package: Itemme Raised on class: Itemme.MmeAlarmEntry	Severity: variable Implicitly cleared: true Default probable cause: mmeUnspecifiedReason (607)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 7.1.0 • 8.0.0 • 8.1.0
Description: The raised alarm LSS_cpiAlrmMajor indicates the value of the VS.almMajor measurement monitored by the Major Alarms Count CPI exceeded a threshold in the last 15 minute interval.		
Remedial action: Using the Maintenance Interface, examine the set of major alarms or any other alarms recently raised and address them. This alarm will clear automatically if the rate of major alarm generation drops below the threshold.		

Table 23-81 WmmLSS_cpiAlrmMinor

Alarm	Attributes	Applicable major releases
Name: WmmLSS_cpiAlrmMinor (4203) Type: mmeAlarm (77) Package: Itemme Raised on class: Itemme.MmeAlarmEntry	Severity: variable Implicitly cleared: true Default probable cause: mmeUnspecifiedReason (607)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 7.1.0 • 8.0.0 • 8.1.0
Description: The raised alarm LSS_cpiAlrmMinor indicates the value of the VS.almMinor measurement monitored by the Minor Alarms Count CPI exceeded a threshold in the last 15 minute interval.		
Remedial action: Using the Maintenance Interface, examine the set of minor alarms or any other alarms recently raised and address them. This alarm will clear automatically if the rate of minor alarm generation drops below the threshold.		

Table 23-82 WmmLSS_cpiAlrmWarning

Alarm	Attributes	Applicable major releases
Name: WmmLSS_cpiAlrmWarning (4204) Type: mmeAlarm (77) Package: Itemme Raised on class: Itemme.MmeAlarmEntry	Severity: variable Implicitly cleared: true Default probable cause: mmeUnspecifiedReason (607)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 7.1.0 • 8.0.0 • 8.1.0
Description: The raised alarm LSS_cpiAlrmWarning indicates the value of the VS.almWarning measurement monitored by the Warning Alarms Count CPI exceeded a threshold in the last 15 minute interval.		
Remedial action: Using the Maintenance Interface, examine the set of warning alarms or any other alarms recently raised and address them. This alarm will clear automatically if the rate of warning alarm generation drops below the threshold.		

Table 23-83 WmmLSS_cpiAsrtEsc

Alarm	Attributes	Applicable major releases
Name: WmmLSS_cpiAsrtEsc (4205) Type: mmeAlarm (77) Package: Itemme Raised on class: Itemme.MmeAlarmEntry	Severity: variable Implicitly cleared: true Default probable cause: mmeUnspecifiedReason (607)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 7.1.0 • 8.0.0 • 8.1.0
Description: The raised alarm LSS_cpiAsrtEsc indicates the value of the VS.asrtESC measurement monitored by the Escalating Asserts CPI exceeded a threshold in the last 15 minute interval.		
Remedial action: This alarm will clear automatically if the rate of escalating assert generation drops below the threshold. An automatic escalation would result in a switch over and should also drop the rate of assert generation. Determine if any other alarms have been recently raised on the resource reported and address them. Examine the recent Performance (PM) counts on the resource reported; they may suggest more regarding this issue. If a provisioning or configuration change was executed just before the alarm was raised, consider that the change is causing the problem. If a Software Update (SU) or Patch is being soaked, then this could indicate a problem with the software delivered; immediately contact Alcatel-Lucent Customer Support. If the PM counts indicates degradation of service and a switch over has not occurred, switch the service to its redundant mate. If the situation persists after a switch-over, be sure that the prior active host of the service was removed from service and restored completely. Attempt another switch over to the original active host for the service. In all cases, contact customer support regarding this alarm.		

Table 23-84 WmmLSS_cpiAsrtNonEsc

Alarm	Attributes	Applicable major releases
Name: WmmLSS_cpiAsrtNonEsc (4206) Type: mmeAlarm (77) Package: Itemme Raised on class: Itemme.MmeAlarmEntry	Severity: variable Implicitly cleared: true Default probable cause: mmeUnspecifiedReason (607)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 7.1.0 • 8.0.0 • 8.1.0
Description: The raised alarm LSS_cpiAsrtNonEsc indicates the value of the VS.asrtNonESC measurement monitored by the Non-Escalating Asserts CPI exceeded a threshold in the last 15 minute interval.		
Remedial action: This alarm will clear automatically if the rate of non-escalating assert generation drops below the threshold. Determine if any other alarms have been recently raised on the resource reported and address them. Examine the recent Performance (PM) counts on the resource reported; they may suggest more regarding this issue. If a provisioning or configuration change was executed just before the alarm was raised, consider that the change is causing the problem. If a Software Update (SU) or Patch is being soaked, then this could indicate a problem with the software delivered; immediately contact Alcatel-Lucent Customer Support. If the PM counts indicates degradation of service, switch the service to its redundant mate. If the situation persists after a switch-over, be sure that the prior active host of the service was removed from service and restored completely. Attempt another switch over to the original active host for the service. In all cases, contact customer support regarding this alarm.		

Table 23-85 WmmLSS_cpiAsrtNonEscCritical

Alarm	Attributes	Applicable major releases
Name: WmmLSS_cpiAsrtNonEscCritical (4207) Type: mmeAlarm (77) Package: Itemme Raised on class: Itemme.MmeAlarmEntry	Severity: variable Implicitly cleared: true Default probable cause: mmeUnspecifiedReason (607)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 7.1.0 • 8.0.0 • 8.1.0
Description: The raised alarm LSS_cpiAsrtNonEscCritical indicates the value of the VS.asrtNonESCCritical measurement monitored by the Critical Non-Escalating Asserts CPI exceeded a threshold in the last 15 minute interval.		
Remedial action: This alarm will clear automatically if the rate of non-escalating assert generation drops below the threshold. Determine if any other alarms have been recently raised on the resource reported and address them. Examine the recent Performance (PM) counts on the resource reported; they may suggest more regarding this issue. If a provisioning or configuration change was executed just before the alarm was raised, consider that the change is causing the problem. If a Software Update (SU) or Patch is being soaked, then this could indicate a problem with the software delivered; immediately contact Alcatel-Lucent Customer Support. If the PM counts indicates degradation of service, switch the service to its redundant mate. If the situation persists after a switch-over, be sure that the prior active host of the service was removed from service and restored completely. Attempt another switch over to the original active host for the service. In all cases, contact customer support regarding this alarm.		

Table 23-86 WmmLSS_cpiAsrtNonEscMajor

Alarm	Attributes	Applicable major releases
Name: WmmLSS_cpiAsrtNonEscMajor (4208) Type: mmeAlarm (77) Package: Itemme Raised on class: Itemme.MmeAlarmEntry	Severity: variable Implicitly cleared: true Default probable cause: mmeUnspecifiedReason (607)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 7.1.0 • 8.0.0 • 8.1.0
Description: The raised alarm LSS_cpiAsrtNonEscMajor indicates the value of the VS.asrtNonESCMajor measurement monitored by the Major Non-Escalating Asserts CPI exceeded a threshold in the last 15 minute interval.		
Remedial action: This alarm will clear automatically if the rate of non-escalating assert generation drops below the threshold. Determine if any other alarms have been recently raised on the resource reported and address them. Examine the recent Performance (PM) counts on the resource reported; they may suggest more regarding this issue. If a provisioning or configuration change was executed just before the alarm was raised, consider that the change is causing the problem. If a Software Update (SU) or Patch is being soaked, then this could indicate a problem with the software delivered; immediately contact Alcatel-Lucent Customer Support. If the PM counts indicates degradation of service, switch the service to its redundant mate. If the situation persists after a switch-over, be sure that the prior active host of the service was removed from service and restored completely. Attempt another switch over to the original active host for the service. In all cases, contact customer support regarding this alarm.		

Table 23-87 WmmLSS_cpiAsrtNonEscMinor

Alarm	Attributes	Applicable major releases
Name: WmmLSS_cpiAsrtNonEscMinor (4209) Type: mmeAlarm (77) Package: Itemme Raised on class: Itemme.MmeAlarmEntry	Severity: variable Implicitly cleared: true Default probable cause: mmeUnspecifiedReason (607)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 7.1.0 • 8.0.0 • 8.1.0

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Alarm	Attributes	Applicable major releases
<p>Description: The raised alarm LSS_cpiAsrtNonEscMinor indicates the value of the VS.asrtNonESCMInor measurement monitored by the Minor Non-Escalating Asserts CPI exceeded a threshold in the last 15 minute interval.</p>		
<p>Remedial action: This alarm will clear automatically if the rate of non-escalating assert generation drops below the threshold. Determine if any other alarms have been recently raised on the resource reported and address them. Examine the recent Performance (PM) counts on the resource reported; they may suggest more regarding this issue. If a provisioning or configuration change was executed just before the alarm was raised, consider that the change is causing the problem. If a Software Update (SU) or Patch is being soaked, then this could indicate a problem with the software delivered; immediately contact Alcatel-Lucent Customer Support. If the PM counts indicates degradation of service, switch the service to its redundant mate. If the situation persists after a switch-over, be sure that the prior active host of the service was removed from service and restored completely. Attempt another switch over to the original active host for the service. In all cases, contact customer support regarding this alarm.</p>		

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Table 23-88 WmmLSS_cpiAudErrCount

Alarm	Attributes	Applicable major releases
<p>Name: WmmLSS_cpiAudErrCount (4210) Type: mmeAlarm (77) Package: Itemme Raised on class: Itemme.MmeAlarmEntry</p>	<p>Severity: variable Implicitly cleared: true Default probable cause: mmeUnspecifiedReason (607)</p>	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 7.1.0 • 8.0.0 • 8.1.0
<p>Description: The raised alarm LSS_cpiAudErrCount indicates the value of the VS.audErrCount measurement monitored by the Audit Errors CPI exceeded a threshold in the last 15 minute interval. Audits run at low priority to recover lost or stuck resources. Audits generate error reports describing any problems they find. The VS.audErrCnt measurement reports the number of individual errors found by audits during the interval.</p>		
<p>Remedial action: Although audits take recovery for each error they find, use the Maintenance Interface to examine the set of audit errors reported. If this alarm recurs or is ongoing due to the same set of audits, contact Alcatel-Lucent Customer Support. If this alarm is new and coincides with the introduction of a software update, contact Alcatel-Lucent Customer Support immediately. This alarm will clear automatically if the rate of audit detected errors drops below the threshold.</p>		

Table 23-89 WmmLSS_cpiAudManAct

Alarm	Attributes	Applicable major releases
<p>Name: WmmLSS_cpiAudManAct (4211) Type: mmeAlarm (77) Package: Itemme Raised on class: Itemme.MmeAlarmEntry</p>	<p>Severity: variable Implicitly cleared: true Default probable cause: mmeUnspecifiedReason (607)</p>	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 7.1.0 • 8.0.0 • 8.1.0
<p>Description: The raised alarm, LSS_cpiAudManAct, indicates the value of the VS.audManAct measurement monitored by the Audit Errors Requiring Manual Action CPI exceeded a threshold in the last 15 minute interval. Audits run at low priority to recover lost or stuck resources. Audits generate error reports describing any problems they find.. The VS.audManAct measurement reports the number of individual errors found by audits during the interval that require manual action for recovery.</p>		
<p>Remedial action: Using the Maintenance Interface, examine the set of audit errors reported and address them. Audit error reports requiring manual action should specify the actions needed to perform recovery. If this alarm is new and coincides with the introduction of a software update, contact Alcatel-Lucent Customer Support immediately. This alarm will clear automatically if the rate of audit detected errors requiring manual action drops below the threshold. However, this will not happen until the required manual recovery steps have been taken.</p>		

Table 23-90 WmmLSS_cpiAudNewEvent

Alarm	Attributes	Applicable major releases
Name: WmmLSS_cpiAudNewEvent (4212) Type: mmeAlarm (77) Package: Itemme Raised on class: Itemme.MmeAlarmEntry	Severity: variable Implicitly cleared: true Default probable cause: mmeUnspecifiedReason (607)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 7.1.0 • 8.0.0 • 8.1.0
<p>Description: The raised alarm LSS_cpiAudNewEvent indicates the value of the VS.audNewEvent measurement monitored by the Audit Initiated Events CPI exceeded a threshold in the last 15 minute interval. Audits run at low priority to recover lost or stuck resources. Audits generate error reports describing any problems they find. The VS.audNewEvent measurement reports the number of times during the interval that an audit that ran without being part of an escalated recovery and found at least one error.</p>		
<p>Remedial action: Although audits take recovery for each error they find, use the Maintenance Interface to examine the set of audit errors reported. If this alarm recurs or is ongoing due to the same set of audits, contact Alcatel-Lucent Customer Support. If this alarm is new and coincides with the introduction of a software update, contact Alcatel-Lucent Customer Support immediately. This alarm will clear automatically if the rate of audit invocations that detect errors drops below the threshold.</p>		

Table 23-91 WmmLSS_cpiExceptionService

Alarm	Attributes	Applicable major releases
Name: WmmLSS_cpiExceptionService (4213) Type: mmeAlarm (77) Package: Itemme Raised on class: Itemme.MmeAlarmEntry	Severity: variable Implicitly cleared: true Default probable cause: mmeUnspecifiedReason (607)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 7.1.0 • 8.0.0 • 8.1.0
<p>Description: The raised alarm LSS_cpiExceptionService indicates the value of the VS.exceptionService measurement monitored by the Service Exceptions CPI exceeded a threshold in the last 15 minute interval.</p>		
<p>Remedial action: The value of the VS.exceptionService measurement monitored by the Service Exceptions CPI exceeded a threshold in the last 15 minute interval. This alarm will clear automatically if the rate of exceptions drops below the threshold. Determine if any other alarms have been recently raised on the resource reported and address them. Examine the recent Performance (PM) counts on the resource reported; they may suggest more regarding this issue. If a provisioning or configuration change was executed just before the alarm was raised, consider that the change is causing the problem. If a Software Update (SU) or Patch is being soaked, then this could indicate a problem with the software delivered; immediately contact Alcatel-Lucent Customer Support. If the PM counts indicates degradation of service and a switch-over has not already occurred, switch the service to its redundant mate. If the situation persists after a switch-over, be sure that the prior active host of the service was removed from service and restored completely. Attempt another switch over to the original active host for the service. If the situation persists after two or more switch-overs of the pair within the service, then attempt to duplex fail the service. In all cases, contact customer support regarding this alarm.</p>		

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Table 23-92 WmmLSS_cpiFileSysUsage

Alarm	Attributes	Applicable major releases
Name: WmmLSS_cpiFileSysUsage (4214) Type: mmeAlarm (77) Package: Itemme Raised on class: Itemme.MmeAlarmEntry	Severity: variable Implicitly cleared: true Default probable cause: mmeUnspecifiedReason (607)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 7.1.0 • 8.0.0 • 8.1.0
Description: The raised alarm LSS_cpiFileSysUsage indicates the value of resource usage count VS.fileSysUsage monitored by the File System Usage CPI exceeded a threshold in the last 5-minute interval.		
Remedial action: Remove outdated and obsolete files to free the file system space. Move the important data files to other disks to free the file system space. When CPI alarm LSS_cpiFileSysUsage is fired for CDR host, don't remove CDR record files (under /app1/data0/cdrdata) and PCMD record files (under /app1/data0/pcmddata). Furthermore, double check timestamp of CDR records files under /app1/data0/cdrdata/app2/charging/stream1/primary. If many files are older than two PULL/PUSH intervals, then there might be CDR records file transfer issue, which should be fixed firstly. For non-CDR record or non-PCMD record files, follow step 1 or step 2.		

Table 23-93 WmmLSS_cpiGTPcResponseTOGn

Alarm	Attributes	Applicable major releases
Name: WmmLSS_cpiGTPcResponseTOGn (4215) Type: mmeAlarm (77) Package: Itemme Raised on class: Itemme.MmeAlarmEntry	Severity: variable Implicitly cleared: true Default probable cause: mmeUnspecifiedReason (607)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 7.1.0 • 8.0.0 • 8.1.0
Description: The raised alarm, LSS_cpiGTPcResponseTOGn, indicates that the value of VS.cpiGTPcResponseTOGn has exceeded a threshold in the last 15 minute interval. This counter monitors the percentage of GTP Requests sent over a Gn interface for which no Response is received by the MME. The Gn interface connects the MME with one or more SGSNs. The calculated percentage is compared against provisioned thresholds for Minor, Major, and Critical alarm conditions.		
Remedial action: Check neighboring SGSNs for error conditions or ongoing problems. Verify network connectivity and proper configuration between MME and SGSNs. If SGSNs and network connectivity are verified, examine all the GTP failure counters to determine if one failure cause predominates, and check fs.log to determine if errors related to the Gn interface have been reported. Contact next level of support.		

Table 23-94 WmmLSS_cpiGTPcResponseTOS3

Alarm	Attributes	Applicable major releases
Name: WmmLSS_cpiGTPcResponseTOS3 (4216) Type: mmeAlarm (77) Package: Itemme Raised on class: Itemme.MmeAlarmEntry	Severity: variable Implicitly cleared: true Default probable cause: mmeUnspecifiedReason (607)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 7.1.0 • 8.0.0 • 8.1.0

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Alarm	Attributes	Applicable major releases
Description: The raised alarm, LSS_cpiGTPcResponseTOS3, indicates meeting a threshold of GTP response failure rate in the last 5 minute interval. This failure rate monitors the percentage of GTP Requests sent over an S3 interface for which no Response is received by the MME. The S3 interface connects the MME with one or more SGSNs. The calculated percentage is compared against provisioned thresholds for Minor, Major, and Critical alarm conditions.		
Remedial action: Check neighboring SGSNs for error conditions or ongoing problems. Verify network connectivity and proper configuration between MME and SGSNs. If SGSNs and network connectivity are verified, examine all the GTP failure counters to determine if one failure cause predominates, and check fs.log to determine if errors related to the S3 interface have been reported. Contact next level of support.		

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Table 23-95 WmmLSS_cpiGTPcResponseTOSv

Alarm	Attributes	Applicable major releases
Name: WmmLSS_cpiGTPcResponseTOSv (4217) Type: mmeAlarm (77) Package: Itemme Raised on class: Itemme.MmeAlarmEntry	Severity: variable Implicitly cleared: true Default probable cause: mmeUnspecifiedReason (607)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 7.1.0 • 8.0.0 • 8.1.0
Description: The raised alarm LSS_cpiGTPcResponseTOSv indicates meeting a threshold of the GTPc Response Time out over Sv CPI (requests sent over an Sv interface for which no response is received).		
Remedial action: Check neighboring LVI(s) for error conditions or ongoing problems. Verify network connectivity and proper configuration between MME and LVI(s). If LVI(s) and network connectivity are verified, examine all the GTP failure counters to determine if one failure cause predominates, and check fs.log to determine if errors related to the Gn interface have been reported. Contact next level of support.		

Table 23-96 WmmLSS_cpiHOfailuresFrom2g3goverGn

Alarm	Attributes	Applicable major releases
Name: WmmLSS_cpiHOfailuresFrom2g3goverGn (8028) Type: mmeAlarm (77) Package: Itemme Raised on class: Itemme.MmeAlarmEntry	Severity: variable Implicitly cleared: true Default probable cause: mmeUnspecifiedReason (607)	<ul style="list-style-type: none"> • 8.1.0
Description: The raised alarm, LSS_cpiHOfailuresFrom2g3goverGn, indicates that the value of $(100 - (100 * (VS.NbrHOTOtoLTSUCCESSGn / VS.AttNbrHOTOtoLTEGn)))$ has exceeded a threshold in the last 5 minute interval. This value monitors the percentage of failure rate of attempted handovers from GERAN/UTRAN to MME using the Gn interface. The calculated percentage is compared against provisioned thresholds for Minor, Major, and Critical alarm conditions.		
Remedial action: For failures attributed to the SGSN, check the target UTRAN/GERAN network for errors related to inter-system mobility procedures. For failures attributed to the MME, check the Gn link status and MME service status. Check fs.log for error indications related to Gn interface procedures, contact next level of support if internal MME errors are indicated.		

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Table 23-97 WmmLSS_cpiHOfailuresFromGERANoverS3

Alarm	Attributes	Applicable major releases
Name: WmmLSS_cpiHOfailuresFromGERANoverS3 (4219) Type: mmeAlarm (77) Package: Itemme Raised on class: Itemme.MmeAlarmEntry	Severity: variable Implicitly cleared: true Default probable cause: mmeUnspecifiedReason (607)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 7.1.0 • 8.0.0 • 8.1.0
Description: The raised alarm, LSS_cpiHOfailuresFromGERANoverS3, indicates that the value of VS.cpiHOfailuresFromGERANoverS3 has exceeded a threshold in the last 5 minute interval. This counter monitors the failure rate of attempted handovers from GERAN to a E-UTRAN SGSN using the S3 interface. The failure rate is compared against provisioned thresholds for Minor, Major, and Critical alarm conditions.		
Remedial action: For failures attributed to the SGSN, check the target UTRAN/GERAN network for errors related to inter-system mobility procedures. For failures attributed to the MME, check the S3 link status and MME service status. Check fs.log for error indications related to S3 interface procedures, contact next level of support if internal MME errors are indicated.		

Table 23-98 WmmLSS_cpiHOfailuresFromUTRANoverS3

Alarm	Attributes	Applicable major releases
Name: WmmLSS_cpiHOfailuresFromUTRANoverS3 (4220) Type: mmeAlarm (77) Package: Itemme Raised on class: Itemme.MmeAlarmEntry	Severity: variable Implicitly cleared: true Default probable cause: mmeUnspecifiedReason (607)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 7.1.0 • 8.0.0 • 8.1.0
Description: The raised alarm, LSS_cpiHOfailuresFromUTRANoverS3, indicates that the value of VS.cpiHOfailuresFromUTRANoverS3 has exceeded a threshold in the last 5 minute interval. This counter monitors the failure rate of attempted handovers from UTRAN to a E-UTRAN SGSN using the S3 interface. The failure rate is compared against provisioned thresholds for Minor, Major, and Critical alarm conditions.		
Remedial action: For failures attributed to the SGSN, check the target UTRAN/GERAN network for errors related to inter-system mobility procedures. For failures attributed to the MME, check the S3 link status and MME service status. Check fs.log for error indications related to S3 interface procedures, contact next level of support if internal MME errors are indicated.		

Table 23-99 WmmLSS_cpiHOfailuresRAUto2G3GnewSgwOverS3

Alarm	Attributes	Applicable major releases
Name: WmmLSS_cpiHOfailuresRAUto2G3GnewSgwOverS3 (4222) Type: mmeAlarm (77) Package: Itemme Raised on class: Itemme.MmeAlarmEntry	Severity: variable Implicitly cleared: true Default probable cause: mmeUnspecifiedReason (607)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 7.1.0 • 8.0.0 • 8.1.0

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Alarm	Attributes	Applicable major releases
<p>Description: The raised alarm, LSS_cpiHOfailuresRAUto2G3GnewSgwOverS3, indicates that the value of VS.cpiHOfailuresRAUto2G3GnewSgwOverS3 has exceeded a threshold in the last 5 minute interval. This counter monitors the failure rate of attempted RAU-based handovers from E-UTRAN to a UTRAN/GERAN SGSN using the S3 interface with SGW Relocation. This is Routing Area Update procedures. The failure rate is compared against provisioned thresholds for Minor, Major, and Critical alarm conditions.</p>		
<p>Remedial action: For failures attributed to the SGSN, check the target UTRAN/GERAN network for errors related to inter-system mobility procedures. For failures attributed to the MME, check the S3 link status and MME service status. Check fs.log for error indications related to S3 interface procedures, contact next level of support if internal MME errors are indicated.</p>		

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Table 23-100 WmmLSS_cpiHOfailuresRAUto2G3GOverS3

Alarm	Attributes	Applicable major releases
Name: WmmLSS_cpiHOfailuresRAUto2G3GOverS3 (4221) Type: mmeAlarm (77) Package: Itemme Raised on class: Itemme.MmeAlarmEntry	Severity: variable Implicitly cleared: true Default probable cause: mmeUnspecifiedReason (607)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 7.1.0 • 8.0.0 • 8.1.0
<p>Description: The raised alarm, LSS_cpiHOfailuresRAUto2G3GOverS3, indicates the failure rate of attempted Routing Area Update (RAU) procedures from E-UTRAN to a UTRAN/GERAN SGSN using the S3 interface has exceeded a threshold in the last 5 minute interval. Failures encountered during the entire duration of the RAU procedure are included. Therefore, failures encountered both prior to and after SGW change determination are included. The failure rate is compared against provisioned thresholds for Minor, Major, and Critical alarm conditions.</p>		
<p>Remedial action: For failures attributed to the SGSN, check the target UTRAN/GERAN network for errors related to inter-system mobility procedures. For failures attributed to the MME, check the S3 link status and MME service status. Check fs.log for error indications related to S3 interface procedures, contact Alcatel-Lucent Customer Support if internal MME errors are indicated.</p>		

Table 23-101 WmmLSS_cpiHOfailuresRAUto2G3GsameSgwOverS3

Alarm	Attributes	Applicable major releases
Name: WmmLSS_cpiHOfailuresRAUto2G3GsameSgwOverS3 (4223) Type: mmeAlarm (77) Package: Itemme Raised on class: Itemme.MmeAlarmEntry	Severity: variable Implicitly cleared: true Default probable cause: mmeUnspecifiedReason (607)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 7.1.0 • 8.0.0 • 8.1.0
<p>Description: The raised alarm, LSS_cpiHOfailuresRAUto2G3GsameSgwOverS3, indicates that the value of VS.cpiHOfailuresRAUto2G3GsameSgwOverS3 has exceeded a threshold in the last 5 minute interval. This counter monitors the failure rate of attempted handovers from E-UTRAN to a UTRAN/GERAN SGSN using the S3 interface without SGW Relocation. This is Routing Area Update procedures. The failure rate is compared against provisioned thresholds for Minor, Major, and Critical alarm conditions.</p>		
<p>Remedial action: For failures attributed to the SGSN, check the target UTRAN/GERAN network for errors related to inter-system mobility procedures. For failures attributed to the MME, check the S3 link status and MME service status. Check fs.log for error indications related to S3 interface procedures, contact next level of support if internal MME errors are indicated.</p>		

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Table 23-102 WmmLSS_cpiHOFailuresTo3G2GOverGn

Alarm	Attributes	Applicable major releases
Name: WmmLSS_cpiHOFailuresTo3G2GOverGn (4218) Type: mmeAlarm (77) Package: Itemme Raised on class: Itemme.MmeAlarmEntry	Severity: variable Implicitly cleared: true Default probable cause: mmeUnspecifiedReason (607)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 7.1.0 • 8.0.0 • 8.1.0
Description: The raised alarm, LSS_cpiHOFailuresTo3G2GOverGn, indicates that the value of VS.cpiHOFailuresTo3G2GOverGn has exceeded a threshold in the last 15 minute interval. This counter monitors the failure rate of attempted handovers from E-UTRAN to a UTRAN/GERAN SGSN using the Gn interface. This includes Routing Area Update procedures. The failure rate is compared against provisioned thresholds for Minor, Major, and Critical alarm conditions.		
Remedial action: For failures attributed to the SGSN, check the target UTRAN/GERAN network for errors related to inter-system mobility procedures. For failures attributed to the MME, check the Gn link status and MME service status. Check fs.log for error indications related to Gn interface procedures, contact next level of support if internal MME errors are indicated.		

Table 23-103 WmmLSS_cpiHOfailuresToGERANoverS3

Alarm	Attributes	Applicable major releases
Name: WmmLSS_cpiHOfailuresToGERANoverS3 (4224) Type: mmeAlarm (77) Package: Itemme Raised on class: Itemme.MmeAlarmEntry	Severity: variable Implicitly cleared: true Default probable cause: mmeUnspecifiedReason (607)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 7.1.0 • 8.0.0 • 8.1.0
Description: The raised alarm, LSS_cpiHOfailuresToGERANoverS3, indicates that the value of VS.cpiHOfailuresToGERANoverS3 has exceeded a threshold in the last 5 minute interval. This counter monitors the failure rate of attempted handovers from E-UTRAN to a GERAN SGSN using the S3 interface. The failure rate is compared against provisioned thresholds for Minor, Major, and Critical alarm conditions.		
Remedial action: For failures attributed to the SGSN, check the target UTRAN/GERAN network for errors related to inter-system mobility procedures. For failures attributed to the MME, check the S3 link status and MME service status. Check fs.log for error indications related to S3 interface procedures, contact next level of support if internal MME errors are indicated.		

Table 23-104 WmmLSS_cpiHOfailuresToUTRANoverS3

Alarm	Attributes	Applicable major releases
Name: WmmLSS_cpiHOfailuresToUTRANoverS3 (4225) Type: mmeAlarm (77) Package: Itemme Raised on class: Itemme.MmeAlarmEntry	Severity: variable Implicitly cleared: true Default probable cause: mmeUnspecifiedReason (607)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 7.1.0 • 8.0.0 • 8.1.0
Description: The raised alarm, LSS_cpiHOfailuresToUTRANoverS3, indicates that the value of VS.cpiHOfailuresToUTRANoverS3 has exceeded a threshold in the last 5 minute interval. This counter monitors the failure rate of attempted handovers from E-UTRAN to a UTRAN SGSN using the S3 interface. The failure rate is compared against provisioned thresholds for Minor, Major, and Critical alarm conditions.		

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Alarm	Attributes	Applicable major releases
Remedial action: For failures attributed to the SGSN, check the target UTRAN/GERAN network for errors related to inter-system mobility procedures. For failures attributed to the MME, check the S3 link status and MME service status. Check fs.log for error indications related to S3 interface procedures, contact next level of support if internal MME errors are indicated.		

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Table 23-105 WmmLSS_cpilnterSgsn2GrauFailures

Alarm	Attributes	Applicable major releases
Name: WmmLSS_cpilnterSgsn2GrauFailures (8029) Type: mmeAlarm (77) Package: Itemme Raised on class: Itemme.MmeAlarmEntry	Severity: variable Implicitly cleared: true Default probable cause: mmeUnspecifiedReason (607)	<ul style="list-style-type: none"> 8.1.0
Description: The raised alarm, LSS_cpilnterSgsn2GrauFailures, indicates that the 2G value of VS.Gmm_succlnterSgsnRaUpdate has crossed a threshold in the last 15 minute interval. This counter monitors the percentage of failed Inter SGSN RAU Procedure. The calculated percentage is compared against provisioned thresholds for Minor, Major, and Critical alarm conditions.		
Remedial action: Check WMM for internal error conditions or ongoing problems. Verify network connectivity and proper configuration between WMMs. If WMMs and network connectivity are verified, examine all the GTP failure counters to determine if one failure cause predominates, and check fs.log to determine if errors related to the Gn interface have been reported. Contact next level of support.		

Table 23-106 WmmLSS_cpilnterSgsn3GrauFailures

Alarm	Attributes	Applicable major releases
Name: WmmLSS_cpilnterSgsn3GrauFailures (8030) Type: mmeAlarm (77) Package: Itemme Raised on class: Itemme.MmeAlarmEntry	Severity: variable Implicitly cleared: true Default probable cause: mmeUnspecifiedReason (607)	<ul style="list-style-type: none"> 8.1.0
Description: The raised alarm, LSS_cpilnterSgsn3GrauFailures, indicates that the 3G value of VS.Gmm_succlnterSgsnRaUpdate has crossed a threshold in the last 15 minute interval. This counter monitors the percentage of failed Inter SGSN RAU Procedure. The calculated percentage is compared against provisioned thresholds for Minor, Major, and Critical alarm conditions.		
Remedial action: Check WMM for internal error conditions or ongoing problems. Verify network connectivity and proper configuration between WMMs. If WMMs and network connectivity are verified, examine all the GTP failure counters to determine if one failure cause predominates, and check fs.log to determine if errors related to the Gn interface have been reported. Contact next level of support.		

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Table 23-107 WmmLSS_cpilnterSgsnSrnsFailures

Alarm	Attributes	Applicable major releases
Name: WmmLSS_cpilnterSgsnSrnsFailures (8031) Type: mmeAlarm (77) Package: Itemme Raised on class: Itemme.MmeAlarmEntry	Severity: variable Implicitly cleared: true Default probable cause: mmeUnspecifiedReason (607)	<ul style="list-style-type: none"> 8.1.0
Description: The raised alarm, LSS_cpilnterSgsnSrnsFailures, indicates that the value of VS.Gmm_sucIntraSgsnRelocation_U has crossed a threshold in the last 15 minute interval. This counter monitors the percentage of failed Inter SGSN SRNS Procedure. The calculated percentage is compared against provisioned thresholds for Minor, Major, and Critical alarm conditions.		
Remedial action: Check WMM for internal error conditions or ongoing problems. Verify network connectivity and proper configuration between WMMs and SGSNs. If WMMs and network connectivity are verified, examine all the GTP failure counters to determine if one failure cause predominates, and check fs.log to determine if errors related to the Gn interface have been reported. Contact next level of support.		

Table 23-108 WmmLSS_cpilnterSgsn2GrauFailures

Alarm	Attributes	Applicable major releases
Name: WmmLSS_cpilnterSgsn2GrauFailures (8032) Type: mmeAlarm (77) Package: Itemme Raised on class: Itemme.MmeAlarmEntry	Severity: variable Implicitly cleared: true Default probable cause: mmeUnspecifiedReason (607)	<ul style="list-style-type: none"> 8.1.0
Description: The raised alarm, LSS_cpilnterSgsn2GrauFailures, indicates that the 2G value of VS.Gmm_sucIntraSgsnRaUpdate has crossed a threshold in the last 15 minute interval. This counter monitors the percentage of failed SGSN RAU Procedure. The calculated percentage is compared against provisioned thresholds for Minor, Major, and Critical alarm conditions.		
Remedial action: Check WMM for internal error conditions or ongoing problems. Examine all the GTP failure counters to determine if one failure cause predominates, and check fs.log to determine if errors related to the Gn interface have been reported. Contact next level of support.		

Table 23-109 WmmLSS_cpilnterSgsn3GrauFailures

Alarm	Attributes	Applicable major releases
Name: WmmLSS_cpilnterSgsn3GrauFailures (8033) Type: mmeAlarm (77) Package: Itemme Raised on class: Itemme.MmeAlarmEntry	Severity: variable Implicitly cleared: true Default probable cause: mmeUnspecifiedReason (607)	<ul style="list-style-type: none"> 8.1.0
Description: The raised alarm, LSS_cpilnterSgsn3GrauFailures, indicates that the 3G value of VS.Gmm_sucIntraSgsnRaUpdate has crossed a threshold in the last 15 minute interval. This counter monitors the percentage of failed SGSN RAU Procedure. The calculated percentage is compared against provisioned thresholds for Minor, Major, and Critical alarm conditions.		
Remedial action: Check WMM for internal error conditions or ongoing problems. Examine all the GTP failure counters to determine if one failure cause predominates, and check fs.log to determine if errors related to the Gn interface have been reported. Contact next level of support.		

Table 23-110 WmmLSS_cpiIntraSgsnSrnsFailures

Alarm	Attributes	Applicable major releases
Name: WmmLSS_cpiIntraSgsnSrnsFailures (8034) Type: mmeAlarm (77) Package: Itemme Raised on class: Itemme.MmeAlarmEntry	Severity: variable Implicitly cleared: true Default probable cause: mmeUnspecifiedReason (607)	<ul style="list-style-type: none"> 8.1.0
Description: The raised alarm, LSS_cpiIntraSgsnSrnsFailures, indicates that the value of VS.Gmm_sucIntraSgsnRelocation_U has crossed a threshold in the last 15 minute interval. This counter monitors the percentage of failed Intra SGSN SRNS Procedure. The calculated percentage is compared against provisioned thresholds for Minor, Major, and Critical alarm conditions.		
Remedial action: Check WMM for internal error conditions or ongoing problems. Examine all the GTP failure counters to determine if one failure cause predominates, and check fs.log to determine if errors related to the Gn interface have been reported. Contact next level of support.		

Table 23-111 WmmLSS_cpiMafAttachFailuresSysRelated

Alarm	Attributes	Applicable major releases
Name: WmmLSS_cpiMafAttachFailuresSysRelated (4233) Type: mmeAlarm (77) Package: Itemme Raised on class: Itemme.MmeAlarmEntry	Severity: variable Implicitly cleared: true Default probable cause: mmeUnspecifiedReason (607)	<ul style="list-style-type: none"> 6.0.0 7.0.0 7.1.0 8.0.0 8.1.0
Description: The raised alarm, LSS_cpiMafAttachFailuresSysRelated, indicates meeting/exceeding a threshold of the rate of system-related failures for Attach procedures, which is calculated every 5 minutes.		
Remedial action: Verify that the S1, S6a and S11 links are in-service/normal, using the link_cli command. Verify that no overload alarms exist on the MME. Contact Alcatel-Lucent Customer Support		

Table 23-112 WmmLSS_cpiMafAttachWithPGWreselection

Alarm	Attributes	Applicable major releases
Name: WmmLSS_cpiMafAttachWithPGWreselection (4803) Type: mmeAlarm (77) Package: Itemme Raised on class: Itemme.MmeAlarmEntry	Severity: variable Implicitly cleared: true Default probable cause: mmeUnspecifiedReason (607)	<ul style="list-style-type: none"> 7.0.0 7.1.0 8.0.0 8.1.0
Description: The raised alarm cpiAttachWithPGWreselection indicates meeting a threshold of the rate of PGW reselection during Attach procedures CPI.		
Remedial action: Contact Alcatel-Lucent Customer Support.		

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Table 23-113 WmmLSS_cpiMafAttachWithSGWreselection

Alarm	Attributes	Applicable major releases
Name: WmmLSS_cpiMafAttachWithSGWreselection (4804) Type: mmeAlarm (77) Package: Itemme Raised on class: Itemme.MmeAlarmEntry	Severity: variable Implicitly cleared: true Default probable cause: mmeUnspecifiedReason (607)	<ul style="list-style-type: none"> • 7.0.0 • 7.1.0 • 8.0.0 • 8.1.0
Description: The raised alarm cpiAttachWithSGWreselection indicates meeting a threshold of the rate of SGW reselection during Attach procedures CPI.		
Remedial action: Contact Alcatel-Lucent Customer Support.		

Table 23-114 WmmLSS_cpiMAFCommunicationFailureRate

Alarm	Attributes	Applicable major releases
Name: WmmLSS_cpiMAFCommunicationFailureRate (4226) Type: mmeAlarm (77) Package: Itemme Raised on class: Itemme.MmeAlarmEntry	Severity: variable Implicitly cleared: true Default probable cause: mmeUnspecifiedReason (607)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 7.1.0 • 8.0.0 • 8.1.0
Description: The raised alarm, cpiMAFCommunicationFailureRate, indicates meeting a threshold of MAF communication failure rate on a per MAF service basis in the last 5 minutes. The failure rate is calculated from the measurement count VS.TotalMsgsRcvdFromMAF and VS.TotalMsgsSentToMAF in every interval of 5 minutes. On the MI GUI the alarm resource will indicate which MAF service has the problem in the MAF pool.		
Remedial action: Check the overload status of the MAF service firing this alarm. Check if there is any hung process in the MAF service firing this alarm. If the MAF service is duplex, try to switch the active MAF service. Contact Alcatel-Lucent Technical Support if problem still persists.		

Table 23-115 WmmLSS_cpiMafEIRfailuresS13

Alarm	Attributes	Applicable major releases
Name: WmmLSS_cpiMafEIRfailuresS13 (4234) Type: mmeAlarm (77) Package: Itemme Raised on class: Itemme.MmeAlarmEntry	Severity: variable Implicitly cleared: true Default probable cause: mmeUnspecifiedReason (607)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 7.1.0 • 8.0.0 • 8.1.0
Description: The raised alarm, LSS_cpiMafEIRfailuresS13, indicates that the value of VS.LSS_cpiMafEIRfailuresS13 has exceeded a threshold in the last 5 minute interval. This counter monitors the percentage of unsuccessful EquipmentCheckRequest (ECR) to the number of ECRs attempted. The calculated percentage is compared against provisioned thresholds for Minor, Major, and Critical alarm conditions.		
Remedial action: Verify the far end HSS (EIR) is functioning properly. Check fs.log for any ECR/ECA/S13 related errors to aid in determining the cause. Contact next level of support.		

Table 23-116 WmmLSS_cpiMafExtServiceReqFailuresSysRelated

Alarm	Attributes	Applicable major releases
Name: WmmLSS_cpiMafExtServiceReqFailuresSysRelated (4235) Type: mmeAlarm (77) Package: Itemme Raised on class: Itemme.MmeAlarmEntry	Severity: variable Implicitly cleared: true Default probable cause: mmeUnspecifiedReason (607)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 7.1.0 • 8.0.0 • 8.1.0
Description: The raised alarm LSS_cpiMafExtServiceReqFailuresSysRelated indicates meeting a threshold of the Extended Service Request System Related Failure CPI.		
Remedial action: Verify that S1, S6a, S11 and SGs links are Unlocked/Enabled using link_cli Verify that there are no overload alarms on MME Contact Customer Support		

Table 23-117 WmmLSS_cpiMafExtServiceRequestFailures

Alarm	Attributes	Applicable major releases
Name: WmmLSS_cpiMafExtServiceRequestFailures (4236) Type: mmeAlarm (77) Package: Itemme Raised on class: Itemme.MmeAlarmEntry	Severity: variable Implicitly cleared: true Default probable cause: mmeUnspecifiedReason (607)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 7.1.0 • 8.0.0 • 8.1.0
Description: The raised alarm LSS_cpiMafExtServiceRequestFailures indicates meeting a threshold of the Extended Service Request Failure CPI.		
Remedial action: Verify MME provisioning data, especially PLMN, TAI-LAI-Mapping, LAI tables Verify that S1, S6a, S11 and SGs links are Unlocked/Enabled using link_cli Verify that there are no overload alarms on MME Contact Customer Support		

Table 23-118 WmmLSS_cpiMafFailuresOverSGs

Alarm	Attributes	Applicable major releases
Name: WmmLSS_cpiMafFailuresOverSGs (4237) Type: mmeAlarm (77) Package: Itemme Raised on class: Itemme.MmeAlarmEntry	Severity: variable Implicitly cleared: true Default probable cause: mmeUnspecifiedReason (607)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 7.1.0 • 8.0.0 • 8.1.0
Description: The raised alarm, LSS_cpiMafFailuresOverSGs, indicates meeting/exceeding a threshold of the rate of failure for handling messages from the SGs interface, which is calculated every 5 minutes.		
Remedial action: Verify that the SGs links are in-service/normal, using the link_cli command. Contact Alcatel-Lucent Customer Support		

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Table 23-119 WmmLSS_cpiMafHLRAuthFail

Alarm	Attributes	Applicable major releases
Name: WmmLSS_cpiMafHLRAuthFail (4238) Type: mmeAlarm (77) Package: Itemme Raised on class: Itemme.MmeAlarmEntry	Severity: variable Implicitly cleared: true Default probable cause: mmeUnspecifiedReason (607)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 7.1.0 • 8.0.0 • 8.1.0
Description: The raised alarm, LSS_cpiMafHLRAuthFail, indicates meeting/exceeding a threshold of the rate of failure for handling Authentication failure messages from the HLR, which is calculated every 5 minutes.		
Remedial action: Verify that the Gr link is in-service/normal, using the link_cli command. Contact Alcatel-Lucent Customer Support		

Table 23-120 WmmLSS_cpiMafHSSreselection

Alarm	Attributes	Applicable major releases
Name: WmmLSS_cpiMafHSSreselection (4805) Type: mmeAlarm (77) Package: Itemme Raised on class: Itemme.MmeAlarmEntry	Severity: variable Implicitly cleared: true Default probable cause: mmeUnspecifiedReason (607)	<ul style="list-style-type: none"> • 7.0.0 • 7.1.0 • 8.0.0 • 8.1.0
Description: The raised alarm cpiHSSreselection indicates meeting a threshold of the rate of HSS reselection during Authentication or Update Location procedures CPI.		
Remedial action: Contact Alcatel-Lucent Customer Support.		

Table 23-121 WmmLSS_cpiMafPDNconnWithPGWreselection

Alarm	Attributes	Applicable major releases
Name: WmmLSS_cpiMafPDNconnWithPGWreselection (4806) Type: mmeAlarm (77) Package: Itemme Raised on class: Itemme.MmeAlarmEntry	Severity: variable Implicitly cleared: true Default probable cause: mmeUnspecifiedReason (607)	<ul style="list-style-type: none"> • 7.0.0 • 7.1.0 • 8.0.0 • 8.1.0
Description: The raised alarm cpiPDNconnWithPGWreselection indicates meeting a threshold of the rate of PGW reselection during PDN connectivity procedures CPI.		
Remedial action: Contact Alcatel-Lucent Customer Support.		

Table 23-122 WmmLSS_cpiMafServiceReqFailuresSysRelated

Alarm	Attributes	Applicable major releases
Name: WmmLSS_cpiMafServiceReqFailuresSysRelated (4239) Type: mmeAlarm (77) Package: Itemme Raised on class: Itemme.MmeAlarmEntry	Severity: variable Implicitly cleared: true Default probable cause: mmeUnspecifiedReason (607)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 7.1.0 • 8.0.0 • 8.1.0
Description: The raised alarm, LSS_cpiMafServiceReqFailuresSysRelated, indicates meeting/exceeding a threshold of the rate of system-related failures for UE Service Request procedures, which is calculated every 5 minutes.		
Remedial action: Verify that the S1, S6a and S11 links are in-service/normal, using the link_cli command. Verify that no overload alarms exist on the MME. Contact Alcatel-Lucent Customer Support		

Table 23-123 WmmLSS_cpiMafTauFailuresInterMme

Alarm	Attributes	Applicable major releases
Name: WmmLSS_cpiMafTauFailuresInterMme (4240) Type: mmeAlarm (77) Package: Itemme Raised on class: Itemme.MmeAlarmEntry	Severity: variable Implicitly cleared: true Default probable cause: mmeUnspecifiedReason (607)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 7.1.0 • 8.0.0 • 8.1.0
Description: The raised alarm, LSS_cpiMafTauFailuresInterMme, indicates meeting/exceeding a threshold of the rate of failure of Tracking Area Update procedures involving MME relocation which is calculated every 5 minutes.		
Remedial action: Verify that the eNB, and MME links are in-service/normal, using the link_cli command. Contact Alcatel-Lucent Customer Support to determine the status of the serving eNB and the MME groups serving the eNB that is involved in the TAU procedure		

Table 23-124 WmmLSS_cpiMafTauFailuresInterMmeInterSgw

Alarm	Attributes	Applicable major releases
Name: WmmLSS_cpiMafTauFailuresInterMmeInterSgw (4241) Type: mmeAlarm (77) Package: Itemme Raised on class: Itemme.MmeAlarmEntry	Severity: variable Implicitly cleared: true Default probable cause: mmeUnspecifiedReason (607)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 7.1.0 • 8.0.0 • 8.1.0
Description: The raised alarm, LSS_cpiMafTauFailuresInterMmeInterSgw, indicates meeting/exceeding a threshold of the rate of failure of Tracking Area Update procedures involving MME relocation and SGW relocation which is calculated every 5 minutes.		
Remedial action: Verify that the HSS, eNB, SGW, and MME links are in-service/normal, using link_cli. Verify UE subscription information in HSS. Contact Alcatel-Lucent Customer Support to determine the status of the serving eNB, MME groups, and SGW Pools serving the eNB that are involved in the TAU procedure.		

Table 23-125 WmmLSS_cpiMafTauFailuresInterSgw

Alarm	Attributes	Applicable major releases
Name: WmmLSS_cpiMafTauFailuresInterSgw (4242) Type: mmeAlarm (77) Package: Itemme Raised on class: Itemme.MmeAlarmEntry	Severity: variable Implicitly cleared: true Default probable cause: mmeUnspecifiedReason (607)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 7.1.0 • 8.0.0 • 8.1.0
Description: The raised alarm, LSS_cpiMafTauFailuresInterSgw, indicates meeting/exceeding a threshold of the rate of failure of Tracking Area Update procedures involving SGW relocation, which is calculated every 5 minutes.		
Remedial action: Verify that the eNB, and SGW links are in-service/normal, using the link_cli command. Contact Alcatel-Lucent Customer Support to determine the status of the serving eNB and the SGW Pools serving the eNB that is involved in the TAU procedure		

Table 23-126 WmmLSS_cpiMBMSSessionStartM3FailureRate

Alarm	Attributes	Applicable major releases
Name: WmmLSS_cpiMBMSSessionStartM3FailureRate (4227) Type: mmeAlarm (77) Package: Itemme Raised on class: Itemme.MmeAlarmEntry	Severity: variable Implicitly cleared: true Default probable cause: mmeUnspecifiedReason (607)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 7.1.0 • 8.0.0 • 8.1.0
Description: The raised alarm LSS_cpiMBMSSessionStartM3FailureRate indicates meeting a threshold of the MBMS Session Start M3 Failure Rate CPI.		
Remedial action: For failures attributed to the MCE, check the MCE/eNB and network connections for errors. For failures attributed to the MME, check the M3 link status and MME service status. Check fs.log for error indications related to M3 interface procedures, contact Alcatel-Lucent Customer Support if internal MME errors are indicated.		

Table 23-127 WmmLSS_cpiMBMSSessionStartSmFailureRate

Alarm	Attributes	Applicable major releases
Name: WmmLSS_cpiMBMSSessionStartSmFailureRate (4228) Type: mmeAlarm (77) Package: Itemme Raised on class: Itemme.MmeAlarmEntry	Severity: variable Implicitly cleared: true Default probable cause: mmeUnspecifiedReason (607)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 7.1.0 • 8.0.0 • 8.1.0
Description: The raised alarm LSS_cpiMBMSSessionStartSmFailureRate indicates meeting a threshold of the MBMS Session Start Sm Failure Rate CPI.		
Remedial action: For failures attributed to the MBMS-GW, check the MBMS-GW and network for errors. For failures attributed to the MME, check the Sm link status and MME service status. Check fs.log for error indications related to Sm interface procedures, contact Alcatel-Lucent Customer Support if internal MME errors are indicated.		

Table 23-128 WmmLSS_cpiMBMSSessionStopM3FailureRate

Alarm	Attributes	Applicable major releases
Name: WmmLSS_cpiMBMSSessionStopM3FailureRate (4229) Type: mmeAlarm (77) Package: Itemme Raised on class: Itemme.MmeAlarmEntry	Severity: variable Implicitly cleared: true Default probable cause: mmeUnspecifiedReason (607)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 7.1.0 • 8.0.0 • 8.1.0
Description: The raised alarm LSS_cpiMBMSSessionStopM3FailureRate indicates meeting a threshold of the MBMS Session Stop M3 Failure Rate CPI.		
Remedial action: For failures attributed to the MCE, check the MCE/eNB and network connections for errors. For failures attributed to the MME, check the M3 link status and MME service status. Check fs.log for error indications related to M3 interface procedures, contact Alcatel-Lucent Customer Support if internal MME errors are indicated.		

Table 23-129 WmmLSS_cpiMBMSSessionStopSmFailureRate

Alarm	Attributes	Applicable major releases
Name: WmmLSS_cpiMBMSSessionStopSmFailureRate (4230) Type: mmeAlarm (77) Package: Itemme Raised on class: Itemme.MmeAlarmEntry	Severity: variable Implicitly cleared: true Default probable cause: mmeUnspecifiedReason (607)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 7.1.0 • 8.0.0 • 8.1.0
Description: The raised alarm LSS_cpiMBMSSessionStopSmFailureRate indicates meeting a threshold of the MBMS Session Stop Sm Failure Rate CPI.		
Remedial action: For failures attributed to the MBMS-GW, check the MBMS-GW and network for errors. For failures attributed to the MME, check the Sm link status and MME service status. Check fs.log for error indications related to Sm interface procedures, contact Alcatel-Lucent Customer Support if internal MME errors are indicated.		

Table 23-130 WmmLSS_cpiMBMSSessionUpdateM3FailureRate

Alarm	Attributes	Applicable major releases
Name: WmmLSS_cpiMBMSSessionUpdateM3FailureRate (4231) Type: mmeAlarm (77) Package: Itemme Raised on class: Itemme.MmeAlarmEntry	Severity: variable Implicitly cleared: true Default probable cause: mmeUnspecifiedReason (607)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 7.1.0 • 8.0.0 • 8.1.0
Description: The raised alarm LSS_cpiMBMSSessionUpdateM3FailureRate indicates meeting a threshold of the MBMS Session Update M3 Failure Rate CPI.		
Remedial action: For failures attributed to the MCE, check the MCE/eNB and network connections for errors. For failures attributed to the MME, check the M3 link status and MME service status. Check fs.log for error indications related to M3 interface procedures, contact Alcatel-Lucent Customer Support if internal MME errors are indicated.		

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Table 23-131 WmmLSS_cpiMBMSSessionUpdateSmFailureRate

Alarm	Attributes	Applicable major releases
Name: WmmLSS_cpiMBMSSessionUpdateSmFailureRate (4232) Type: mmeAlarm (77) Package: Itemme Raised on class: Itemme.MmeAlarmEntry	Severity: variable Implicitly cleared: true Default probable cause: mmeUnspecifiedReason (607)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 7.1.0 • 8.0.0 • 8.1.0
Description: The raised alarm LSS_cpiMBMSSessionUpdateSmFailureRate indicates meeting a threshold of the MBMS Session Update Sm Failure Rate CPI.		
Remedial action: For failures attributed to the MBMS-GW, check the MBMS-GW and network for errors. For failures attributed to the MME, check the Sm link status and MME service status. Check fs.log for error indications related to Sm interface procedures, contact Alcatel-Lucent Customer Support if internal MME errors are indicated.		

Table 23-132 WmmLSS_cpiMemAllocFail

Alarm	Attributes	Applicable major releases
Name: WmmLSS_cpiMemAllocFail (4243) Type: mmeAlarm (77) Package: Itemme Raised on class: Itemme.MmeAlarmEntry	Severity: variable Implicitly cleared: true Default probable cause: mmeUnspecifiedReason (607)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 7.1.0 • 8.0.0 • 8.1.0
Description: The raised alarm, LSS_cpiMemAllocFail, indicates the value of the VS.memAllocFail measurement monitored by the failed memory allocation attempts CPI exceeded a threshold in the last 15 minute interval.		
Remedial action: Investigate the amount of load being handled by this service and take steps to reduce it if it is excessive. Otherwise contact Alcatel-Lucent Customer Support. If this alarm coincides with the introduction of a software update, contact Alcatel-Lucent Customer Support immediately. This alarm will clear automatically if the rate of memory allocation failures drops below the threshold.		

Table 23-133 WmmLSS_cpiNoPSHOFailuresOverSv

Alarm	Attributes	Applicable major releases
Name: WmmLSS_cpiNoPSHOFailuresOverSv (4244) Type: mmeAlarm (77) Package: Itemme Raised on class: Itemme.MmeAlarmEntry	Severity: variable Implicitly cleared: true Default probable cause: mmeUnspecifiedReason (607)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 7.1.0 • 8.0.0 • 8.1.0
Description: The raised alarm LSS_cpiNoPSHOFailuresOverSv indicates meeting a threshold of the Hand Down to UTRAN/GERAN via the Sv interface without PSHO Failure Rate CPI.		
Remedial action: Check counters and alarms related to the Sv interface. Verify network connectivity and proper configuration between the MME and LVI(s). Check the target UTRAN/GERAN network for configuration problems that could cause the handover preparation attempts to be rejected. Check the source E-UTRAN network and target UTRAN/GERAN network for handover failure conditions. Check fs.log for error indications related to Sv interface procedures. Contact next level of support if internal MME errors are indicated.		

Table 23-134 WmmLSS_cpiPSHOFailuresOverSv

Alarm	Attributes	Applicable major releases
Name: WmmLSS_cpiPSHOFailuresOverSv (4245) Type: mmeAlarm (77) Package: Itemme Raised on class: Itemme.MmeAlarmEntry	Severity: variable Implicitly cleared: true Default probable cause: mmeUnspecifiedReason (607)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 7.1.0 • 8.0.0 • 8.1.0
Description: The raised alarm LSS_cpiPSHOFailuresOverSv indicates meeting a threshold of the Hand Down to UTRAN/GERAN via the Sv interface with PSHO Failure Rate CPI.		
Remedial action: Check counters and alarms related to the Sv interface. Verify network connectivity and proper configuration between the MME and MSC(s). Check the target UTRAN/GERAN network for configuration problems that could cause the handover preparation attempts to be rejected. Check the source E-UTRAN network and target UTRAN/GERAN network for handover failure conditions. Check fs.log for error indications related to Sv interface procedures. Contact next level of support if internal MME errors are indicated.		

Table 23-135 WmmLSS_cpiReinitServiceSelf

Alarm	Attributes	Applicable major releases
Name: WmmLSS_cpiReinitServiceSelf (4246) Type: mmeAlarm (77) Package: Itemme Raised on class: Itemme.MmeAlarmEntry	Severity: variable Implicitly cleared: true Default probable cause: mmeUnspecifiedReason (607)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 7.1.0 • 8.0.0 • 8.1.0
Description: The raised alarm LSS_cpiReinitServiceSelf indicates the value of the VS.reinitServiceSelf measurement monitored by the Automatic Service Re-initialization CPI exceeded a threshold in the last 15 minute interval.		
Remedial action: This alarm will clear automatically if the rate of re-initializations drops below the threshold. Check that a switch over has successfully occurred. Determine if any other alarms have been recently raised on the resource reported and address them. As this is likely the result of recovery escalation, one or more of these alarms may also be raised: LSS_cpiAsrtEsc, LSS_cpiExceptionService, LSS_cpiRestartTask. If a provisioning or configuration change was executed just before the alarm was raised, consider that the change is causing the problem. If a Software Update (SU) or Patch is being soaked, then this could indicate a problem with the software delivered; immediately contact Alcatel-Lucent Customer Support. If the situation persists after a switch-over, be sure that the prior active host of the service was removed from service and restored completely. Attempt another switch over to the original active host for the service if that has not already occurred. If the situation persists after two or more switch-overs of the pair within the service, then attempt to duplex fail the service. Attempt to power down the card providing the service and then restore it. If the problem clears, this suggests faulty hardware. In all cases, contact customer support regarding this alarm.		

Table 23-136 WmmLSS_cpiS3TauFailures

Alarm	Attributes	Applicable major releases
Name: WmmLSS_cpiS3TauFailures (4247) Type: mmeAlarm (77) Package: Itemme Raised on class: Itemme.MmeAlarmEntry	Severity: variable Implicitly cleared: true Default probable cause: mmeUnspecifiedReason (607)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 7.1.0 • 8.0.0 • 8.1.0

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Alarm	Attributes	Applicable major releases
Description: The raised alarm, LSS_cpiS3TauFailures, indicates meeting/exceeding a threshold of the rate of failure of Tracking Area Update procedures from an SGSN to the MME over an S3 link.		
Remedial action: Verify that the eNB, SGW, HSS, and SGSN S3 links are in-service/normal, using link_cli. Verify the operational status of the SGSN and that the SGSN is responding to messages over the S3 link. Verify the operational status of the DNS server and that the DNS entries for the SGW are correct. Contact Alcatel-Lucent Customer Support to determine the status of the serving eNB, the HSS and the SGW serving the eNB that is involved in the TAU procedure.		

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Table 23-137 WmmLSS_cpiS3TauFailuresInterSgw

Alarm	Attributes	Applicable major releases
Name: WmmLSS_cpiS3TauFailuresInterSgw (4248) Type: mmeAlarm (77) Package: Itemme Raised on class: Itemme.MmeAlarmEntry	Severity: variable Implicitly cleared: true Default probable cause: mmeUnspecifiedReason (607)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 7.1.0 • 8.0.0 • 8.1.0
Description: The raised alarm, LSS_cpiS3TauFailuresInterSGW, indicates meeting/exceeding a threshold of the rate of failure of Tracking Area Update procedures from an SGSN to the MME over an S3 link that involves a change of serving SGW.		
Remedial action: Verify that the eNB, SGW, HSS, and SGSN S3 links are in-service/normal, using link_cli. Verify the operational status of the SGSN and that the SGSN is responding to messages over the S3 link. Verify the operational status of the DNS server and that the DNS entries for the SGW are correct. Contact Alcatel-Lucent Customer Support to determine the status of the serving eNB, the HSS and the SGW serving the eNB that is involved in the TAU procedure.		

Table 23-138 WmmLSS_cpiS3TauFailuresIntraSGW

Alarm	Attributes	Applicable major releases
Name: WmmLSS_cpiS3TauFailuresIntraSGW (4249) Type: mmeAlarm (77) Package: Itemme Raised on class: Itemme.MmeAlarmEntry	Severity: variable Implicitly cleared: true Default probable cause: mmeUnspecifiedReason (607)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 7.1.0 • 8.0.0 • 8.1.0
Description: The raised alarm, LSS_cpiS3TauFailuresIntraSGW, indicates meeting/exceeding a threshold of the rate of failure of Tracking Area Update procedures from an SGSN to the MME over an S3 link that do not involve a change of serving SGW.		
Remedial action: Verify that the eNB, SGW, HSS, and SGSN S3 links are in-service/normal, using link_cli. Verify the operational status of the SGSN and that the SGSN is responding to messages over the S3 link. Verify the operational status of the DNS server and that the DNS entries for the SGW are correct. Contact Alcatel-Lucent Customer Support to determine the status of the serving eNB, the HSS and the SGW serving the eNB that is involved in the TAU procedure.		

Table 23-139 WmmLSS_cpiSgsn2GattachFailures

Alarm	Attributes	Applicable major releases
Name: WmmLSS_cpiSgsn2GattachFailures (8037) Type: mmeAlarm (77) Package: Itemme Raised on class: Itemme.MmeAlarmEntry	Severity: variable Implicitly cleared: true Default probable cause: mmeUnspecifiedReason (607)	<ul style="list-style-type: none"> 8.1.0
Description: The raised alarm, LSS_cpiSgsn2GattachFailures, indicates that the 2G value of VS.Gmm_succGprsAttach has crossed a threshold in the last 15 minute interval. This counter monitors the percentage of failed SGSN Attach Procedure. The calculated percentage is compared against provisioned thresholds for Minor, Major, and Critical alarm conditions.		
Remedial action: Check EIR and/or HSS for error conditions or ongoing problems. Verify network connectivity and proper configuration between WMM and EIR and/or HSS. Examine all the GTP failure counters to determine if one failure cause predominates, and check fs.log to determine if errors related to the Gn interface have been reported. Contact next level of support.		

Table 23-140 WmmLSS_cpiSgsn2GpagingFailures

Alarm	Attributes	Applicable major releases
Name: WmmLSS_cpiSgsn2GpagingFailures (8038) Type: mmeAlarm (77) Package: Itemme Raised on class: Itemme.MmeAlarmEntry	Severity: variable Implicitly cleared: true Default probable cause: mmeUnspecifiedReason (607)	<ul style="list-style-type: none"> 8.1.0
Description: The raised alarm, LSS_cpiSgsn2GpagingFailures, indicates that the 2G value of VS.Gmm_unsuccPacketSwitchingPaging has crossed a threshold in the last 15 minute interval. This counter monitors the percentage of failed SGSN Paging Procedure. The calculated percentage is compared against provisioned thresholds for Minor, Major, and Critical alarm conditions.		
Remedial action: Check GERAN for error conditions or ongoing problems. Verify network connectivity and proper configuration between WMM and GERAN. Contact next level of support.		

Table 23-141 WmmLSS_cpiSgsn2GpdpActivationFailures

Alarm	Attributes	Applicable major releases
Name: WmmLSS_cpiSgsn2GpdpActivationFailures (8039) Type: mmeAlarm (77) Package: Itemme Raised on class: Itemme.MmeAlarmEntry	Severity: variable Implicitly cleared: true Default probable cause: mmeUnspecifiedReason (607)	<ul style="list-style-type: none"> 8.1.0
Description: The raised alarm, LSS_cpiSgsn2GpdpActivationFailures, indicates that the 2G value of VS.Sm_succActPDPctxMSPerSgsn has crossed a threshold in the last 15 minute interval. This counter monitors the percentage of failed SGSN PDP Context Activation. The calculated percentage is compared against provisioned thresholds for Minor, Major, and Critical alarm conditions.		
Remedial action: Check neighboring SGW and GGSN for error conditions or ongoing problems. Verify network connectivity and proper configuration between WMM and SGW and GGSN. If WMM and network connectivity are verified, examine all the GTP failure counters to determine if one failure cause predominates, and check fs.log to determine if errors related to the Gn interface have been reported. Contact next level of support.		

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Table 23-142 WmmLSS_cpiSgsn2GpdpDeactNwFailures

Alarm	Attributes	Applicable major releases
Name: WmmLSS_cpiSgsn2GpdpDeactNwFailures (8040) Type: mmeAlarm (77) Package: Itemme Raised on class: Itemme.MmeAlarmEntry	Severity: variable Implicitly cleared: true Default probable cause: mmeUnspecifiedReason (607)	<ul style="list-style-type: none"> 8.1.0
<p>Description: The raised alarm, LSS_cpiSgsn2GpdpDeactNwFailures, indicates that the 2G sum of VS.Sm_succGgsnDeactPDPCTX_G and VS.Sm_succSgsnDeactPDPCTX_G has crossed a threshold in the last 15 minute interval. This counter monitors the percentage of failed SGSN PDP Context Deactivation NW. The calculated percentage is compared against provisioned thresholds for Minor, Major, and Critical alarm conditions.</p>		
<p>Remedial action: Check neighboring GERANs for error conditions or ongoing problems. Verify network connectivity and proper configuration between WMM and GERANs. If WMMs and network connectivity are verified, examine all the GTP failure counters to determine if one failure cause predominates, and check fs.log to determine if errors related to the Gn interface have been reported. Contact next level of support.</p>		

Table 23-143 WmmLSS_cpiSgsn3GattachFailures

Alarm	Attributes	Applicable major releases
Name: WmmLSS_cpiSgsn3GattachFailures (8041) Type: mmeAlarm (77) Package: Itemme Raised on class: Itemme.MmeAlarmEntry	Severity: variable Implicitly cleared: true Default probable cause: mmeUnspecifiedReason (607)	<ul style="list-style-type: none"> 8.1.0
<p>Description: The raised alarm, LSS_cpiSgsn3GattachFailures, indicates that the 3G value of VS.Gmm_succGprsAttach has crossed a threshold in the last 15 minute interval. This counter monitors the percentage of failed SGSN Attach Procedure. The calculated percentage is compared against provisioned thresholds for Minor, Major, and Critical alarm conditions.</p>		
<p>Remedial action: Check EIR and/or HSS for error conditions or ongoing problems. Verify network connectivity and proper configuration between WMM and EIR and/or HSS. Examine all the GTP failure counters to determine if one failure cause predominates, and check fs.log to determine if errors related to the Gn interface have been reported. Contact next level of support.</p>		

Table 23-144 WmmLSS_cpiSgsn3GpagingFailures

Alarm	Attributes	Applicable major releases
Name: WmmLSS_cpiSgsn3GpagingFailures (8042) Type: mmeAlarm (77) Package: Itemme Raised on class: Itemme.MmeAlarmEntry	Severity: variable Implicitly cleared: true Default probable cause: mmeUnspecifiedReason (607)	<ul style="list-style-type: none"> 8.1.0
<p>Description: The raised alarm, LSS_cpiSgsn3GpagingFailures, indicates that the 3G value of VS.Gmm_unsuccPacketSwitchingPaging has crossed a threshold in the last 15 minute interval. This counter monitors the percentage of failed SGSN Paging Procedure. The calculated percentage is compared against provisioned thresholds for Minor, Major, and Critical alarm conditions.</p>		
<p>Remedial action: Check UTRAN for error conditions or ongoing problems. Verify network connectivity and proper configuration between WMM and UTRAN. Contact next level of support.</p>		

Table 23-145 WmmLSS_cpiSgsn3GdpdActivationFailures

Alarm	Attributes	Applicable major releases
Name: WmmLSS_cpiSgsn3GdpdActivationFailures (8043) Type: mmeAlarm (77) Package: Itemme Raised on class: Itemme.MmeAlarmEntry	Severity: variable Implicitly cleared: true Default probable cause: mmeUnspecifiedReason (607)	<ul style="list-style-type: none"> 8.1.0
Description: The raised alarm, LSS_cpiSgsn3GdpdActivationFailures, indicates that the 3G value of VS.Sm_succActPDPCTXMSPerSgsn has crossed a threshold in the last 15 minute interval. This counter monitors the percentage of failed SGSN PDP Context Activation. The calculated percentage is compared against provisioned thresholds for Minor, Major, and Critical alarm conditions.		
Remedial action: Check neighboring SGW and GGSN for error conditions or ongoing problems. Verify network connectivity and proper configuration between WMM and SGW and GGSN. If WMM and network connectivity are verified, examine all the GTP failure counters to determine if one failure cause predominates, and check fs.log to determine if errors related to the Gn interface have been reported. Contact next level of support.		

Table 23-146 WmmLSS_cpiSgsn3GdpdDeactNwFailures

Alarm	Attributes	Applicable major releases
Name: WmmLSS_cpiSgsn3GdpdDeactNwFailures (8044) Type: mmeAlarm (77) Package: Itemme Raised on class: Itemme.MmeAlarmEntry	Severity: variable Implicitly cleared: true Default probable cause: mmeUnspecifiedReason (607)	<ul style="list-style-type: none"> 8.1.0
Description: The raised alarm, LSS_cpiSgsn3GdpdDeactNwFailures, indicates that the 3G sum of VS.Sm_succGgsnDeactPDPCTX_U and VS.Sm_succSgsnDeactPDPCTX_U has crossed a threshold in the last 15 minute interval. This counter monitors the percentage of failed SGSN PDP Context Deactivation NW. The calculated percentage is compared against provisioned thresholds for Minor, Major, and Critical alarm conditions.		
Remedial action: Check neighboring UTRANs for error conditions or ongoing problems. Verify network connectivity and proper configuration between WMM and UTRANs. If WMMs and network connectivity are verified, examine all the GTP failure counters to determine if one failure cause predominates, and check fs.log to determine if errors related to the Gn interface have been reported. Contact next level of support.		

Table 23-147 WmmLSS_cpiSgsnPdpDeact2GmsFailures

Alarm	Attributes	Applicable major releases
Name: WmmLSS_cpiSgsnPdpDeact2GmsFailures (8045) Type: mmeAlarm (77) Package: Itemme Raised on class: Itemme.MmeAlarmEntry	Severity: variable Implicitly cleared: true Default probable cause: mmeUnspecifiedReason (607)	<ul style="list-style-type: none"> 8.1.0
Description: The raised alarm, LSS_cpiSgsnPdpDeact2GmsFailures, indicates that the value of VS.Sm_succMSDeactPDPCTX_G has crossed a threshold in the last 15 minute interval. This counter monitors the percentage of failed SGSN PDP Context Deactivation 2G MS. The calculated percentage is compared against provisioned thresholds for Minor, Major, and Critical alarm conditions.		

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Alarm	Attributes	Applicable major releases
<p>Remedial action: Check neighboring GGSN and SGW for error conditions or ongoing problems. Verify network connectivity and proper configuration between WMM and GERANS. If WMM and network connectivity are verified, examine all the GTP failure counters to determine if one failure cause predominates, and check fs.log to determine if errors related to the Gn interface have been reported. Contact next level of support.</p>		

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Table 23-148 WmmLSS_cpiSgsnPdpDeact3GmsFailures

Alarm	Attributes	Applicable major releases
<p>Name: WmmLSS_cpiSgsnPdpDeact3GmsFailures (8046) Type: mmeAlarm (77) Package: Itemme Raised on class: Itemme.MmeAlarmEntry</p>	<p>Severity: variable Implicitly cleared: true Default probable cause: mmeUnspecifiedReason (607)</p>	<ul style="list-style-type: none"> 8.1.0
<p>Description: The raised alarm, LSS_cpiSgsnPdpDeact3GmsFailures, indicates that the value of VS.Sm_succMSDeactPDPctx_U has crossed a threshold in the last 15 minute interval. This counter monitors the percentage of failed SGSN PDP Context Deactivation 3G MS. The calculated percentage is compared against provisioned thresholds for Minor, Major, and Critical alarm conditions.</p>		
<p>Remedial action: Check neighboring GGSN and SGW for error conditions or ongoing problems. Verify network connectivity and proper configuration between WMM and UTRANs. If WMMs and network connectivity are verified, examine all the GTP failure counters to determine if one failure cause predominates, and check fs.log to determine if errors related to the Gn interface have been reported. Contact next level of support.</p>		

Table 23-149 WmmLSS_cpiSgsnPdpMod3GmsFailures

Alarm	Attributes	Applicable major releases
<p>Name: WmmLSS_cpiSgsnPdpMod3GmsFailures (8047) Type: mmeAlarm (77) Package: Itemme Raised on class: Itemme.MmeAlarmEntry</p>	<p>Severity: variable Implicitly cleared: true Default probable cause: mmeUnspecifiedReason (607)</p>	<ul style="list-style-type: none"> 8.1.0
<p>Description: The raised alarm, LSS_cpiSgsnPdpMod3GmsFailures, indicates that the value of VS.Sm_succModPDPctxMs_U has crossed a threshold in the last 15 minute interval. This counter monitors the percentage of failed SGSN PDP Context Modification 3G MS. The calculated percentage is compared against provisioned thresholds for Minor, Major, and Critical alarm conditions.</p>		
<p>Remedial action: Check neighboring GGSN and SGW for error conditions or ongoing problems. Verify network connectivity and proper configuration between WMM and UTRANs. If WMMs and network connectivity are verified, examine all the GTP failure counters to determine if one failure cause predominates, and check fs.log to determine if errors related to the Gn interface have been reported. Contact next level of support.</p>		

Table 23-150 WmmLSS_cpiSgsnPdpMod3GnwFailures

Alarm	Attributes	Applicable major releases
Name: WmmLSS_cpiSgsnPdpMod3GnwFailures (8048) Type: mmeAlarm (77) Package: Itemme Raised on class: Itemme.MmeAlarmEntry	Severity: variable Implicitly cleared: true Default probable cause: mmeUnspecifiedReason (607)	<ul style="list-style-type: none"> 8.1.0
Description: The raised alarm, LSS_cpiSgsnPdpMod3GnwFailures, indicates that the value of VS.Sm_succModPDPctxSgsn_U has crossed a threshold in the last 15 minute interval. This counter monitors the percentage of failed SGSN PDP Context Modification 3G NW. The calculated percentage is compared against provisioned thresholds for Minor, Major, and Critical alarm conditions.		
Remedial action: Check neighboring UTRANs for error conditions or ongoing problems. Verify network connectivity and proper configuration between WMM, SGW and GGSN. If WMMs and network connectivity are verified, examine all the GTP failure counters to determine if one failure cause predominates, and check fs.log to determine if errors related to the Gn interface have been reported. Contact next level of support.		

Table 23-151 WmmLSS_cpiSS7DropSCTPPktsRcvd

Alarm	Attributes	Applicable major releases
Name: WmmLSS_cpiSS7DropSCTPPktsRcvd (8035) Type: mmeAlarm (77) Package: Itemme Raised on class: Itemme.MmeAlarmEntry	Severity: variable Implicitly cleared: true Default probable cause: mmeUnspecifiedReason (607)	<ul style="list-style-type: none"> 8.1.0
Description: This alarm, LSS_cpiSS7DropSCTPPktsRcvd, indicates the drop rate for transmitting SCTP packets (VS.SctplnSCTPPacks).		
Remedial action: Check to see if the IP network is experiencing congestion. If so, resolve the congestion and check if the alarm clear. If the alarm is not cleared, there is possibly an inconsistency with the provisioned data for the SS7 connections. Verify the consistency of the provisioned data on the local system and the remote system. If the alarm is not cleared, contact Alcatel-Lucent Customer Support. It is possible that there is data corruption which may require deleting and re-growing the SS7 connections or initializing the SS7 card		

Table 23-152 WmmLSS_cpiSS7FailSCTPFastRetransRate

Alarm	Attributes	Applicable major releases
Name: WmmLSS_cpiSS7FailSCTPFastRetransRate (8036) Type: mmeAlarm (77) Package: Itemme Raised on class: Itemme.MmeAlarmEntry	Severity: variable Implicitly cleared: true Default probable cause: mmeUnspecifiedReason (607)	<ul style="list-style-type: none"> 8.1.0
Description: This alarm indicates the SCTP Fast Retransmit Count on a given card, is in a high percentage of the total outgoing SCTP packet count. The SCTP Fast Retransmit Rate CPI (Component Performance Indicator), is calculated every 5 minutes.		
Remedial action: Check to see if the IP network is experiencing congestion. If so, resolve the congestion and check if the alarm clear. If the alarm is not cleared, contact Alcatel-Lucent Customer Support.		

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Table 23-153 WmmLSS_cpiStopWarnMsgDeliveryS1MMEFailureRate

Alarm	Attributes	Applicable major releases
Name: WmmLSS_cpiStopWarnMsgDeliveryS1MMEFailureRate (4250) Type: mmeAlarm (77) Package: Itemme Raised on class: Itemme.MmeAlarmEntry	Severity: variable Implicitly cleared: true Default probable cause: mmeUnspecifiedReason (607)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 7.1.0 • 8.0.0 • 8.1.0
Description: The raised alarm LSS_cpiStopWarnMsgDeliveryS1MMEFailureRate indicates meeting a threshold of the Stop Warning Message Delivery S1MME Failure Rate CPI.		
Remedial action: Verify that the S1MME links are in-service/normal, using link_cli. Verify the operational status of the eNBs and that the eNBs are responding to messages over the S1MME link. Contact Alcatel-Lucent Customer Support to determine the status of the eNBs that are involved in the Stop Warning Message procedure.		

Table 23-154 WmmLSS_cpiStopWarnMsgDeliverySbcFailureRate

Alarm	Attributes	Applicable major releases
Name: WmmLSS_cpiStopWarnMsgDeliverySbcFailureRate (4251) Type: mmeAlarm (77) Package: Itemme Raised on class: Itemme.MmeAlarmEntry	Severity: variable Implicitly cleared: true Default probable cause: mmeUnspecifiedReason (607)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 7.1.0 • 8.0.0 • 8.1.0
Description: The raised alarm LSS_cpiStopWarnMsgDeliverySbcFailureRate indicates meeting a threshold of the Stop Warning Message Delivery Sbc Failure Rate CPI.		
Remedial action: Verify that the SBC links are in-service/normal, using link_cli. Verify that the S1MME links are in-service/normal, using link_cli. Verify the operational status of the CBC. Verify the operational status of the eNBs and that the eNBs are responding to messages over the S1MME link. Contact Alcatel-Lucent Customer Support to determine the status of the CBC and eNBs that are involved in the Stop Warning Message procedure.		

Table 23-155 WmmLSS_cpiUECapacityUsage

Alarm	Attributes	Applicable major releases
Name: WmmLSS_cpiUECapacityUsage (4252) Type: mmeAlarm (77) Package: Itemme Raised on class: Itemme.MmeAlarmEntry	Severity: variable Implicitly cleared: true Default probable cause: mmeUnspecifiedReason (607)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 7.1.0 • 8.0.0 • 8.1.0
Description: The raised alarm, cpiUECapacityUsage, indicates meeting a threshold of a UE capacity utilization rate on a per MAF service basis in the last 5 minutes.		
Remedial action: Check how many MAF services the MME has and consider to install more MAF services to increase the MME capacity.		

Table 23-156 WmmLSS_cpiWarnMsgDeliveryS1MMEFailureRate

Alarm	Attributes	Applicable major releases
Name: WmmLSS_cpiWarnMsgDeliveryS1MMEFailureRate (4253) Type: mmeAlarm (77) Package: Itemme Raised on class: Itemme.MmeAlarmEntry	Severity: variable Implicitly cleared: true Default probable cause: mmeUnspecifiedReason (607)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 7.1.0 • 8.0.0 • 8.1.0
Description: The raised alarm LSS_cpiWarnMsgDeliveryS1MMEFailureRate indicates meeting a threshold of the Warning Message Delivery S1MME Failure Rate CPI.		
Remedial action: Verify that the S1MME links are in-service/normal, using link_cli. Verify the operational status of the eNBs and that the eNBs are responding to messages over the S1MME link. Contact Alcatel-Lucent Customer Support to determine the status of the eNBs that are involved in the Write Replace Warning Message procedure.		

Table 23-157 WmmLSS_cpiWarnMsgDeliverySBcFailureRate

Alarm	Attributes	Applicable major releases
Name: WmmLSS_cpiWarnMsgDeliverySBcFailureRate (4254) Type: mmeAlarm (77) Package: Itemme Raised on class: Itemme.MmeAlarmEntry	Severity: variable Implicitly cleared: true Default probable cause: mmeUnspecifiedReason (607)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 7.1.0 • 8.0.0 • 8.1.0
Description: The raised alarm LSS_cpiWarnMsgDeliverySBcFailureRate indicates meeting a threshold of the Warning Message Delivery Sbc Failure Rate CPI.		
Remedial action: Verify that the SBC links are in-service/normal, using link_cli. Verify that the S1MME links are in-service/normal, using link_cli. Verify the operational status of the CBC. Verify the operational status of the eNBs and that the eNBs are responding to messages over the S1MME link. Contact Alcatel-Lucent Customer Support to determine the status of the CBC and eNBs that are involved in the Write Replace Warning Message procedure.		

Table 23-158 WmmLSS_cpuOverload

Alarm	Attributes	Applicable major releases
Name: WmmLSS_cpuOverload (4255) Type: mmeAlarm (77) Package: Itemme Raised on class: Itemme.MmeAlarmEntry	Severity: variable Implicitly cleared: true Default probable cause: mmeUnspecifiedReason (607)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 7.1.0 • 8.0.0 • 8.1.0
Description: This alarm indicates that the CPU utilization on a service has exceeded the threshold. The overload could be caused by one or more of the following reasons: base overload, per-service quota restriction overload or thread level CPU overload. The 'Additional Info' field of the alarm report will list the contributing causes. When thread level CPU overload level changes, a corresponding profile report is also generated.		

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Alarm	Attributes	Applicable major releases
<p>Remedial action: Verify that no running debug or testing tool is running that uses a lot of CPU. If CPU utilization regularly exceeds thresholds, investigate how the call traffic load can be reduced: Reengineer so less traffic is directed to this office or card. If your application supports higher-capacity cards, consider replacing them. Verify if there are enough call servers, device servers, etc., to handle the expected load and add additional cards as appropriate.</p>		

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Table 23-159 WmmLSS_databaseConnectionLost

Alarm	Attributes	Applicable major releases
<p>Name: WmmLSS_databaseConnectionLost (4257) Type: mmeAlarm (77) Package: Itemme Raised on class: Itemme.MmeAlarmEntry</p>	<p>Severity: variable Implicitly cleared: true Default probable cause: mmeUnspecifiedReason (607)</p>	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 7.1.0 • 8.0.0 • 8.1.0
<p>Description: This alarm can be displayed during the initiation of CNFG server (startFS or startCNFG), when the host_manager fails to connect to the database.</p>		
<p>Remedial action: Stop and restart the database using the following commands: stopFS sudo RCCmachoffline -u sudo RCCmachonline startFS If this alarm is fired from CDR host and not cleared, contact Alcatel-Lucent Customer Support.</p>		

Table 23-160 WmmLSS_databaseReplicationLinkDown

Alarm	Attributes	Applicable major releases
<p>Name: WmmLSS_databaseReplicationLinkDown (4258) Type: mmeAlarm (77) Package: Itemme Raised on class: Itemme.MmeAlarmEntry</p>	<p>Severity: variable Implicitly cleared: true Default probable cause: mmeUnspecifiedReason (607)</p>	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 7.1.0 • 8.0.0 • 8.1.0
<p>Description: This alarm will be displayed when a database replication link is down.</p>		
<p>Remedial action: The host on one end of the bad link should be brought gracefully offline and online. Any active services on the blade should be switched to the mate host prior to bring the host offline. When the host is back online check replications links using 'lss login, type dbcli -R'.</p>		

Table 23-161 WmmLSS_databaseSizeExhausted

Alarm	Attributes	Applicable major releases
<p>Name: WmmLSS_databaseSizeExhausted (4259) Type: mmeAlarm (77) Package: Itemme Raised on class: Itemme.MmeAlarmEntry</p>	<p>Severity: variable Implicitly cleared: true Default probable cause: mmeUnspecifiedReason (607)</p>	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 7.1.0 • 8.0.0 • 8.1.0

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Alarm	Attributes	Applicable major releases
Description: This alarm is raised when a database approaches full capacity.		
Remedial action: If the alarm is a warning (84% full), the system impact on the specified database reaching capacity should be investigated. In some instances, a database at 84% capacity is acceptable. Contact Alcatel-Lucent Customer Support for additional details. If the alarm becomes Major (96% full), field support should be contacted. In most cases, steps to reduce the size of the database should be implemented. Alcatel-Lucent Customer Support should be contacted to assist in the investigation to reduce the size of the impacted database.		

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Table 23-162 WmmLSS_dataMismatch

Alarm	Attributes	Applicable major releases
Name: WmmLSS_dataMismatch (4256) Type: mmeAlarm (77) Package: Itemme Raised on class: Itemme.MmeAlarmEntry	Severity: variable Implicitly cleared: false Default probable cause: mmeUnspecifiedReason (607)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 7.1.0 • 8.0.0 • 8.1.0
Description: A data mismatch has been detected, which indicates that there has been an error in provisioning. The additionalText field of the event provides the details of the data mismatch.		
Remedial action: A data mismatch has been detected, which indicates that there has been an error in provisioning. The mismatch is most probably between the configurations of the SCTP profile and Interface profile and between the network interface types. Another probable cause is that provisioned for an interface do not match the IP addresses learned from the remote end in the SCTP INIT-ACK message. This alarm must be manually cleared after the provisioned data is corrected.		

Table 23-163 WmmLSS_dbHighCpuUtilization

Alarm	Attributes	Applicable major releases
Name: WmmLSS_dbHighCpuUtilization (4260) Type: mmeAlarm (77) Package: Itemme Raised on class: Itemme.MmeAlarmEntry	Severity: variable Implicitly cleared: true Default probable cause: mmeUnspecifiedReason (607)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 7.1.0 • 8.0.0 • 8.1.0
Description: This alarm indicates very high CPU time usage by a database system process.		
Remedial action: The host and pid of the process are printed in the alarm. Monitor CPU usage of this pid and contact Alcatel-Lucent Customer Support. This condition can generally be cleared by stopping and then starting RCC VM on the affected host.		

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Table 23-164 WmmLSS_dbOffline

Alarm	Attributes	Applicable major releases
Name: WmmLSS_dbOffline (4261) Type: mmeAlarm (77) Package: Itemme Raised on class: Itemme.MmeAlarmEntry	Severity: variable Implicitly cleared: true Default probable cause: mmeUnspecifiedReason (607)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 7.1.0 • 8.0.0 • 8.1.0
Description: This alarm will be displayed when the database is offline.		
Remedial action: Normally the alarm will be cleared automatically when Datablitz servers recover; If this alarm is not cleared, please contact Alcatel-Lucent Customer Support.		

Table 23-165 WmmLSS_dbStatusUnexpected

Alarm	Attributes	Applicable major releases
Name: WmmLSS_dbStatusUnexpected (4262) Type: mmeAlarm (77) Package: Itemme Raised on class: Itemme.MmeAlarmEntry	Severity: variable Implicitly cleared: true Default probable cause: mmeUnspecifiedReason (607)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 7.1.0 • 8.0.0 • 8.1.0
Description: This alarm will be displayed when the DataBlitz database can not be accessed.		
Remedial action: Normally the alarm will be cleared automatically when Datablitz database(s) becomes accessible. If this alarm is not cleared, please contact Alcatel-Lucent Customer Support.		

Table 23-166 WmmLSS_degradedResource

Alarm	Attributes	Applicable major releases
Name: WmmLSS_degradedResource (4263) Type: mmeAlarm (77) Package: Itemme Raised on class: Itemme.MmeAlarmEntry	Severity: variable Implicitly cleared: true Default probable cause: mmeUnspecifiedReason (607)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 7.1.0 • 8.0.0 • 8.1.0
Description: A Critical Application Resource (CAR) has reached a degraded condition that indicates some aspect of the switch is not performing as expected. The affected service member is indicated in the alarm by the PoolType, PoolId, and PoolMemberId.		
Remedial action: The root cause depends on the specific resource that is degraded. From the alarm, determine the service member that is degraded, as shown by the PoolType, PoolId, and PoolMemberId. On the MI GUI, go to the Management Interface window. Under the appropriate shelf, click Service Members. In the Service Members window, right click the appropriate service member, and choose Display Degraded Critical Resources. A pop-up window will display the 'Resource name' for each resource that is causing the service member to be degraded. In most cases, when a resource is degraded, the associated alarm will be firing. See the entry for this alarm in the '9471 Mobility Management Entity Alarm Dictionary 418-111-208' for a list of resources and the associated alarms.		

Table 23-167 WmmLSS_degrow

Alarm	Attributes	Applicable major releases
Name: WmmLSS_degrow (4264) Type: mmeAlarm (77) Package: Itemme Raised on class: Itemme.MmeAlarmEntry	Severity: variable Implicitly cleared: true Default probable cause: mmeUnspecifiedReason (607)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 7.1.0 • 8.0.0 • 8.1.0
Description: When performing SIM degrow procedure, failures that occur will result in the generation of DEGROW alarm.		
Remedial action: Based on the type of failure encountered, recovery actions may vary. If the DEGROW alarm is generated, contact Alcatel-Lucent Customer Support. Once the failure is corrected, a resumption of the SIM procedures will automatically clear the alarm.		

Table 23-168 WmmLSS_deviceServerCxnLost

Alarm	Attributes	Applicable major releases
Name: WmmLSS_deviceServerCxnLost (5077) Type: mmeAlarm (77) Package: Itemme Raised on class: Itemme.MmeAlarmEntry	Severity: variable Implicitly cleared: true Default probable cause: mmeUnspecifiedReason (607)	<ul style="list-style-type: none"> • 7.1.0 • 8.0.0 • 8.1.0
Description: This alarm is generated when the mate-to-mate connection is lost for some service instance pairs. The service instance pairs that this alarm applies to includes: AMMS, H248, IMS, and the MPH.		
Remedial action: The alarm clears automatically when the switch-over is completed. If the alarm is not the result of a manual action, then the alarm will automatically clear within a minute. Customer Technical Support should be contacted if the alarm does not clear automatically. If the alarm is the result of a manual action, such as taking a host out of service, then the alarm will clear when the host is manually placed back into service.		

Table 23-169 WmmLSS_diskGoingDown

Alarm	Attributes	Applicable major releases
Name: WmmLSS_diskGoingDown (4265) Type: mmeAlarm (77) Package: Itemme Raised on class: Itemme.MmeAlarmEntry	Severity: variable Implicitly cleared: true Default probable cause: mmeUnspecifiedReason (607)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 7.1.0 • 8.0.0 • 8.1.0
Description: This alarm indicates that the Smart Monitor Tool Set (smartmontools) has determined that the Disk Drive for this LCP Host is going down, and is predicting failure in the next 24 hours.		
Remedial action: Backup Recovery actions for this LCP Host should be immediately executed. Alcatel-Lucent Customer Support should be immediately contacted		

Table 23-170 WmmLSS_diskSector

Alarm	Attributes	Applicable major releases
Name: WmmLSS_diskSector (4266) Type: mmeAlarm (77) Package: Itemme Raised on class: Itemme.MmeAlarmEntry	Severity: variable Implicitly cleared: true Default probable cause: mmeUnspecifiedReason (607)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 7.1.0 • 8.0.0 • 8.1.0
Description: This alarm indicates that the Smart Monitor Tool Set (smartmontools) has determined that the Disk Drive for this LCP Host has a bad sector.		
Remedial action: The card reporting the problem should be replaced, following the card replacement procedures.		

Table 23-171 WmmLSS_dnsThreshold

Alarm	Attributes	Applicable major releases
Name: WmmLSS_dnsThreshold (4267) Type: mmeAlarm (77) Package: Itemme Raised on class: Itemme.MmeAlarmEntry	Severity: variable Implicitly cleared: true Default probable cause: mmeUnspecifiedReason (607)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 7.1.0 • 8.0.0 • 8.1.0
Description: This alarm indicates returned number of IP addresses in DNS query of diameter fully-qualified domain name (FQDN) exceeds its number threshold.		
Remedial action: Verify that destination FQDN is correctly provisioned on the GUI Verify that FQDN is correctly provisioned on the external DNS server(IP addresses count should be less than threshold value).		

Table 23-172 WmmLSS_ethernetError

Alarm	Attributes	Applicable major releases
Name: WmmLSS_ethernetError (4268) Type: mmeAlarm (77) Package: Itemme Raised on class: Itemme.MmeAlarmEntry	Severity: variable Implicitly cleared: true Default probable cause: mmeUnspecifiedReason (607)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 7.1.0 • 8.0.0 • 8.1.0
Description: One of the two Ethernet Links on a Service Host has failed.		
Remedial action: Regardless of the cause of the Ethernet Link alarm, integrity software running on the affected Service Host should automatically initiate a switch to redundant hardware to ensure that the effects of the failure are minimized. The following recovery actions may, in fact, be automatically initiated: Service Host switch, if multiple Ethernet Links are affected Ethernet Link switch, if a single Active Ethernet Link is affected None, if the hardware failure affects a Standby Ethernet Link The reason for the failure needs to be understood and corrected. It is possible that the Service Host Ethernet Port failed, the cabling that interconnects the Ethernet Port to the network is cut, the Routers and/or Ethernet Switches that make up the Alcatel-Lucent SoftSwitch Network failed. Investigate each of these reasons and discount or correct. Once corrected, the alarm will be cleared.		

Table 23-173 WmmLSS_ethernetLinkDown

Alarm	Attributes	Applicable major releases
Name: WmmLSS_ethernetLinkDown (4269) Type: mmeAlarm (77) Package: Itemme Raised on class: Itemme.MmeAlarmEntry	Severity: variable Implicitly cleared: true Default probable cause: mmeUnspecifiedReason (607)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 7.1.0 • 8.0.0 • 8.1.0
Description: The redundant Ethernet link has gone down on one of the diskless hosts. A link switchover may have occurred to move communication for that host to the remaining link, which is now simplex.		
Remedial action: Determine if any related alarms are also present, such as on the ESC, chassis, or board itself. Correct those alarms first and see if this alarm clears as a result. On Alcatel-Lucent CP 1000: Verify that the cable from the corresponding faceplate port to the external Ethernet router is connected and is good. Replace as necessary. On other Alcatel-Lucent Products: Verify that the ESC corresponding to this link is operational by viewing its status at MI, and by telnet to the ESC card. Correct or replace ESC as necessary. On Alcatel-Lucent 5400 LCP: Verify that the hub corresponding to this link is operational by viewing its status at MI, and by telnet to the Hub. Correct or replace Hub as necessary. On Alcatel-Lucent CP 1000: Verify that the external Ethernet router is operational. Correct or replace as necessary. On other Alcatel-Lucent Products: On the ESC verify that the Ethernet port corresponding to the card for this host is operational. Re-enable port as necessary. On Alcatel-Lucent 5400 LCP: On the hub verify that the Ethernet port corresponding to the card for this host is operational. Re-enable port as necessary. Replace the card used for this host using the appropriate FRU procedure as necessary. On Alcatel-Lucent CP 1000: Replace the card used for this host using the appropriate FRU procedure. If the above steps do not clear the alarm, contact Alcatel-Lucent Customer Support.		

Table 23-174 WmmLSS_excessiveExternalLinksDown

Alarm	Attributes	Applicable major releases
Name: WmmLSS_excessiveExternalLinksDown (4807) Type: mmeAlarm (77) Package: Itemme Raised on class: Itemme.MmeAlarmEntry	Severity: variable Implicitly cleared: true Default probable cause: mmeUnspecifiedReason (607)	<ul style="list-style-type: none"> • 7.0.0 • 7.1.0 • 8.0.0 • 8.1.0
Description: An excessive number of links of a given type (e.g. s1mme, s11, etc.) are down. This is usually due to a network connectivity problem and not the individual links between the WMM and the external entity. Once this alarm is triggered the WMM will stop reporting alarms and status for links of the given type. Once the network problem is resolved and the number of links down is no longer excessive, this alarm will clear and the status of all links of the given type will be updated. This alarm is raised when at least 100 links of a given type are down. This alarm clears when 95 or fewer links are down.		
Remedial action: Determine that there are no errors within the IP network. If the network entity data is provisioned on MME, verify the data is correct. Verify the network entity that MME fails to communicate with is in service.		

Table 23-175 WmmLSS_externalConnectivity

Alarm	Attributes	Applicable major releases
Name: WmmLSS_externalConnectivity (4270) Type: mmeAlarm (77) Package: Itemme Raised on class: Itemme.MmeAlarmEntry	Severity: variable Implicitly cleared: true Default probable cause: mmeUnspecifiedReason (607)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 7.1.0 • 8.0.0 • 8.1.0

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Alarm	Attributes	Applicable major releases
Description: The system detected a problem or a state change to external connectivity.		
Remedial action: For INFO alarm, there is no action needed. For MAJOR and CRITICAL alarm, verify the cable connections from both HUB cards to customer layer 2 switches, check if the cables are plugged properly. For MAJOR and CRITICAL alarm, verify the port status on HUB cards, the port connect to the customer network should be in service. For MAJOR and CRITICAL alarm, verify the individual Ethernet port status on the HUB card for the given host with the alarm. For the CRITICAL alarm, verify connectivity to/from each of the IPs listed in the ARP list from the given host with the alarm. Check the next hop reported as failing. Contact Alcatel-Lucent Customer Support for the correction procedure if previous steps do not correct it.		

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Table 23-176 WmmLSS_externalLinkConfigurationLimit

Alarm	Attributes	Applicable major releases
Name: WmmLSS_externalLinkConfigurationLimit (4410) Type: mmeAlarm (77) Package: Itemme Raised on class: Itemme.MmeAlarmEntry	Severity: variable Implicitly cleared: true Default probable cause: mmeUnspecifiedReason (607)	<ul style="list-style-type: none"> • 7.0.0 • 7.1.0 • 8.0.0 • 8.1.0
Description: The maximum number of links for a given link type has been reached. When this limit is reached, it is not possible to create any new links of the given link type. Every 15 minutes a check will be performed in an attempt to recover any links which have not been used or have been disabled due to lack of far-end response. A configurable parameter, TdynMO, is used to control the aging algorithm for link recovery.		
Remedial action: Wait at least TdynMO time interval to allow the system to recover inactive or disabled links. If the system does not recover any links after TdynMO time interval, contact Alcatel-Lucent Customer Support.		

Table 23-177 WmmLSS_externalLinkDown

Alarm	Attributes	Applicable major releases
Name: WmmLSS_externalLinkDown (4271) Type: mmeAlarm (77) Package: Itemme Raised on class: Itemme.MmeAlarmEntry	Severity: variable Implicitly cleared: true Default probable cause: mmeUnspecifiedReason (607)	<ul style="list-style-type: none"> • 7.0.0 • 7.1.0 • 8.0.0 • 8.1.0
Description: Communication between WMM and another network entity can not be established.		
Remedial action: Verify the network entity that WMM fails to communicate with is in service. Determine that there are no errors within the IP network. If the network entity data is provisioned on WMM, verify the data is correct. If multiple links that terminate on the MIF (X1_1 or X2) are down, try switching MIF to hot-standby mate. If multiple links that terminate on the MPH (non-X1_1 and non-X2) are down, try switching MPH to hot-standby mate.		

Table 23-178 WmmLSS_failedAttachReqsRateExceeded

Alarm	Attributes	Applicable major releases
Name: WmmLSS_failedAttachReqsRateExceeded (4272) Type: mmeAlarm (77) Package: Itemme Raised on class: Itemme.MmeAlarmEntry	Severity: variable Implicitly cleared: true Default probable cause: mmeUnspecifiedReason (607)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 7.1.0 • 8.0.0 • 8.1.0
Description: The raised alarm, LSS_failedAttachReqsRateExceeded, indicates the value of the VS.cpiAttachFailures measurement, monitored when failure Attach request CPI exceeded a threshold in the last 15 minute interval. This value computes the failure rate for the UE Attach procedure, and compares the calculation against provisioned thresholds for Minor, Major, and Critical alarm conditions		
Remedial action: Verify that the eNB, HSS and SGW links are in-service/normal, using the link_cli command. If the links look normal, and the alarm persists, contact Alcatel-Lucent Customer Support.		

Table 23-179 WmmLSS_failedAuthRequestsHSSRateExceeded

Alarm	Attributes	Applicable major releases
Name: WmmLSS_failedAuthRequestsHSSRateExceeded (4273) Type: mmeAlarm (77) Package: Itemme Raised on class: Itemme.MmeAlarmEntry	Severity: variable Implicitly cleared: true Default probable cause: mmeUnspecifiedReason (607)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 7.1.0 • 8.0.0 • 8.1.0
Description: The raised alarm, LSS_failedAuthRequestsHSSRateExceeded, indicates the value of VS.cpiHSSauthFailures measurement, monitored when HSS failed Authentication requests exceeded a threshold in the last 15 minute interval. This value computes the failure rate for the Authentication procedure between the MME and the HSS, and compares the calculation against provisioned thresholds for Minor, Major, and Critical alarm conditions		
Remedial action: Clearance options include: Ensure communication between the MME and HSS (ping) If the HSS (S6a) link looks normal (using the link_cli command), and alarm persists, contact Alcatel-Lucent Customer Support.		

Table 23-180 WmmLSS_failedAuthRequestsUERateExceeded

Alarm	Attributes	Applicable major releases
Name: WmmLSS_failedAuthRequestsUERateExceeded (4274) Type: mmeAlarm (77) Package: Itemme Raised on class: Itemme.MmeAlarmEntry	Severity: variable Implicitly cleared: true Default probable cause: mmeUnspecifiedReason (607)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 7.1.0 • 8.0.0 • 8.1.0
Description: The raised alarm, LSS_failedAuthRequestsUERateExceeded, indicates the value of VS.cpiUEauthFailures measurement, monitored when UE failed Authentication requests exceeded a threshold in the last 15 minute interval. This value computes the failure rate for the Authentication procedure between the MME and the UE and compares the calculation against provisioned thresholds for Minor, Major, and Critical alarm conditions.		

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Alarm	Attributes	Applicable major releases
Remedial action: Verify HSS and UE authentication data, using ueadmin_cli. If the authentication data looks good, and the alarm persists, contact Alcatel-Lucent Customer Support.		

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Table 23-181 WmmLSS_failedCrDedBearerReqsRateExceeded

Alarm	Attributes	Applicable major releases
Name: WmmLSS_failedCrDedBearerReqsRateExceeded (4275) Type: mmeAlarm (77) Package: Itemme Raised on class: Itemme.MmeAlarmEntry	Severity: variable Implicitly cleared: true Default probable cause: mmeUnspecifiedReason (607)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 7.1.0 • 8.0.0 • 8.1.0
Description: The raised alarm, LSS_failedCrDedBearerReqsRateExceeded, indicates the value of VS.cpiCreateDedicatedBearerFailures measurement, monitored when failure on Create Dedicated Bearer request exceeded a threshold in the last 15 minute interval. This value computes the failure rate for the Create Dedicated Bearer procedure, and compares the calculation against provisioned thresholds for Minor, Major, and Critical alarm conditions.		
Remedial action: Contact Alcatel-Lucent Customer Support.		

Table 23-182 WmmLSS_failedDeactDedBearerReqsRateExceeded

Alarm	Attributes	Applicable major releases
Name: WmmLSS_failedDeactDedBearerReqsRateExceeded (4276) Type: mmeAlarm (77) Package: Itemme Raised on class: Itemme.MmeAlarmEntry	Severity: variable Implicitly cleared: true Default probable cause: mmeUnspecifiedReason (607)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 7.1.0 • 8.0.0 • 8.1.0
Description: The raised alarm, LSS_failedDeactDedBearerReqsRateExceeded, indicates the value of VS.cpiDeactivateDedBearerFailures measurement, monitored when failure on Deactivate Dedicated Bearer request exceeded a threshold in the last 15 minute interval. This value computes the failure rate for the Deactivate Dedicated Bearer procedure, and compares the calculation against provisioned thresholds for Minor, Major, and Critical alarm conditions.		
Remedial action: Contact Alcatel-Lucent Customer Support.		

Table 23-183 WmmLSS_failedHRPDhandoverRateExceeded

Alarm	Attributes	Applicable major releases
Name: WmmLSS_failedHRPDhandoverRateExceeded (4277) Type: mmeAlarm (77) Package: Itemme Raised on class: Itemme.MmeAlarmEntry	Severity: variable Implicitly cleared: true Default probable cause: mmeUnspecifiedReason (607)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 7.1.0 • 8.0.0 • 8.1.0
Description: The raised alarm, LSS_failedHRPDhandoverRateExceeded, indicates the value of VS.cpiHRPDHoFailures measurement, monitored when failure on a HRPD Handover request exceeded a threshold in the last 15 minute interval. This value computes the failure rate for the Handover to HRPD procedure, and compares the calculation against provisioned thresholds for Minor, Major, and Critical alarm conditions.		
Remedial action: Look at all the failure counters for the Handover to HRPD procedure in the PMC XML files to determine if one failure cause predominates. If one is found, check User Documentation for any remedies specific to the found cause.		

Table 23-184 WmmLSS_failedMobileTermLocRequestRateExceeded

Alarm	Attributes	Applicable major releases
Name: WmmLSS_failedMobileTermLocRequestRateExceeded (4278) Type: mmeAlarm (77) Package: Itemme Raised on class: Itemme.MmeAlarmEntry	Severity: variable Implicitly cleared: true Default probable cause: mmeUnspecifiedReason (607)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 7.1.0 • 8.0.0 • 8.1.0
Description: The raised alarm LSS_failedMobileTermLocRequestRateExceeded indicates meeting a threshold of the Mobile Termination Location Request Failure CPI.		
Remedial action: Verify that the S1-MME and SLs links are in-service/normal, using link_cli. Refer to the Location Based Services failure counters to get a more specific failure reason. Contact Alcatel-Lucent Customer Support to determine the status of the SMLC that are involved in the LCS procedure.		

Table 23-185 WmmLSS_failedNetwrkInducedLocRequestRateExceeded

Alarm	Attributes	Applicable major releases
Name: WmmLSS_failedNetwrkInducedLocRequestRateExceeded (4279) Type: mmeAlarm (77) Package: Itemme Raised on class: Itemme.MmeAlarmEntry	Severity: variable Implicitly cleared: true Default probable cause: mmeUnspecifiedReason (607)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 7.1.0 • 8.0.0 • 8.1.0
Description: The raised alarm LSS_failedNetwrkInducedLocRequestRateExceeded indicates meeting a threshold of the Network Induced Location Request Failure CPI.		
Remedial action: Verify that the S1-MME and SLs links are in-service/normal, using link_cli. Refer to the Location Based Services failure counters to get a more specific failure reason. Contact Alcatel-Lucent Customer Support to determine the status of the SMLC that are involved in the LCS procedure.		

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Table 23-186 WmmLSS_failedNumHOFwdRelocRateExceeded

Alarm	Attributes	Applicable major releases
Name: WmmLSS_failedNumHOFwdRelocRateExceeded (4280) Type: mmeAlarm (77) Package: Itemme Raised on class: Itemme.MmeAlarmEntry	Severity: variable Implicitly cleared: true Default probable cause: mmeUnspecifiedReason (607)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 7.1.0 • 8.0.0 • 8.1.0
Description: The raised alarm, LSS_failedNumHOFwdRelocRateExceeded, indicates the value of VS.cpiHOMMErelocFailures_atTarget measurement, monitored when failure on Handover request, with MME forward relocation, exceeded a threshold in the last 15 minute interval. This value computes the failure rate at the Target MME for the Handover procedure with MME relocation, and compares the calculation against provisioned thresholds for Minor, Major, and Critical alarm conditions.		
Remedial action: Look at all the failure counters for the Handover procedure with MME relocation (at the Target MME) in the PMC XML files to determine if one failure cause predominates. If one is found, check User Documentation for any remedies specific to the found cause.		

Table 23-187 WmmLSS_failedNumHOPathSwNewSgwRateExceeded

Alarm	Attributes	Applicable major releases
Name: WmmLSS_failedNumHOPathSwNewSgwRateExceeded (4281) Type: mmeAlarm (77) Package: Itemme Raised on class: Itemme.MmeAlarmEntry	Severity: variable Implicitly cleared: true Default probable cause: mmeUnspecifiedReason (607)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 7.1.0 • 8.0.0 • 8.1.0
Description: The raised alarm, LSS_failedNumHOPathSwNewSgwRateExceeded, indicates the value of VS.cpiHOSGWrelocFailures measurement, monitored when failure on Handover Path Switch request, to a different Serving Gateway, exceeded a threshold in the last 15 minute interval. This value computes the failure rate for the Handover procedure without MME relocation and with SGW relocation, and compares the calculation against provisioned thresholds for Minor, Major, and Critical alarm conditions.		
Remedial action: Look at all the failure counters for the Handover procedure without MME relocation and with SGW relocation in the PMC XML files to determine if one failure cause predominates. If one is found, check User Documentation for any remedies specific to the found cause.		

Table 23-188 WmmLSS_failedNumHOPathSwSameSgwRateExceeded

Alarm	Attributes	Applicable major releases
Name: WmmLSS_failedNumHOPathSwSameSgwRateExceeded (4282) Type: mmeAlarm (77) Package: Itemme Raised on class: Itemme.MmeAlarmEntry	Severity: variable Implicitly cleared: true Default probable cause: mmeUnspecifiedReason (607)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 7.1.0 • 8.0.0 • 8.1.0

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Alarm	Attributes	Applicable major releases
Description: The raised alarm, LSS_failedNumHOPathSwSameSgwRateExceeded, indicates the value of VS.cpiHwNoRelocFailures measurement, monitored when failure on Handover Path Switch request, to same Serving Gateway, exceeded a threshold in the last 15 minute interval. This value computes the failure rate for the Handover procedure without MME relocation and without SGW relocation, and compares the calculation against provisioned thresholds for Minor, Major, and Critical alarm conditions.		
Remedial action: Contact Alcatel-Lucent Customer Support.		

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Table 23-189 WmmLSS_failedNumHORequiredRateExceeded

Alarm	Attributes	Applicable major releases
Name: WmmLSS_failedNumHORequiredRateExceeded (4283) Type: mmeAlarm (77) Package: Itemme Raised on class: Itemme.MmeAlarmEntry	Severity: variable Implicitly cleared: true Default probable cause: mmeUnspecifiedReason (607)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 7.1.0 • 8.0.0 • 8.1.0
Description: The raised alarm, LSS_failedNumHORequiredRateExceeded, indicates the value of VS.cpiHwMMERelocFailures_atSource measurement, monitored when failure on Handover request, with MME relocation, exceeded a threshold in the last 15 minute interval. This value computes the failure rate at the source MME for the Handover procedure with MME relocation, and compares the calculation against provisioned thresholds for Minor, Major, and Critical alarm conditions.		
Remedial action: Look at all the failure counters for the Handover procedure with MME relocation (at the Source MME) in the PMC XML files to determine if one failure cause predominates. If one is found, check User Documentation for any remedies specific to the found cause.		

Table 23-190 WmmLSS_failedS1MMEconnEstRateExceeded

Alarm	Attributes	Applicable major releases
Name: WmmLSS_failedS1MMEconnEstRateExceeded (4284) Type: mmeAlarm (77) Package: Itemme Raised on class: Itemme.MmeAlarmEntry	Severity: variable Implicitly cleared: true Default probable cause: mmeUnspecifiedReason (607)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 7.1.0 • 8.0.0 • 8.1.0
Description: The raised alarm, LSS_failedS1MMEconnEstRateExceeded, indicates the value of VS.cpiS1MMEconnFailures measurement, monitored when failed S1MME Connect request exceeded a threshold in the last 15 minute interval. This value computes the failure rate for the eNB connection over S1-MME, and compares the calculation against provisioned thresholds for Minor, Major, and Critical alarm conditions.		
Remedial action: Verify PLMN or TAI provisioning data, via the MME provisioning GUI. After validation of the data, if the problem persists, contact Alcatel-Lucent Customer Support.		

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Table 23-191 WmmLSS_failedServiceReqsRateExceeded

Alarm	Attributes	Applicable major releases
Name: WmmLSS_failedServiceReqsRateExceeded (4285) Type: mmeAlarm (77) Package: Itemme Raised on class: Itemme.MmeAlarmEntry	Severity: variable Implicitly cleared: true Default probable cause: mmeUnspecifiedReason (607)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 7.1.0 • 8.0.0 • 8.1.0
Description: The raised alarm, LSS_failedServiceReqsRateExceeded, indicates the value of cpiServiceRequestFailures measurement, monitored when failure on Service request exceeded a threshold in the last 15 minute interval. This value computes the failure rate for the UE Service Request procedure, and compares the calculation against provisioned thresholds for Minor, Major, and Critical alarm conditions.		
Remedial action: Ensure the S11 links to the SGW are normal, using the link_cli command. If the links look normal, and the alarm persists, contact Alcatel-Lucent Customer Support.		

Table 23-192 WmmLSS_failedTAURateExceeded

Alarm	Attributes	Applicable major releases
Name: WmmLSS_failedTAURateExceeded (4286) Type: mmeAlarm (77) Package: Itemme Raised on class: Itemme.MmeAlarmEntry	Severity: variable Implicitly cleared: true Default probable cause: mmeUnspecifiedReason (607)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 7.1.0 • 8.0.0 • 8.1.0
Description: The raised alarm, LSS_failedTAURateExceeded, indicates the value of VS.cpiTauFailures measurement, monitored when failure on Tracking Area Update request exceeded a threshold in the last 15 minute interval. This value computes the failure rate for the TAU procedure, and compares the calculation against provisioned thresholds for Minor, Major, and Critical alarm conditions.		
Remedial action: Contact Alcatel-Lucent Customer Support.		

Table 23-193 WmmLSS_failedUpdBearerReqsRateExceeded

Alarm	Attributes	Applicable major releases
Name: WmmLSS_failedUpdBearerReqsRateExceeded (4287) Type: mmeAlarm (77) Package: Itemme Raised on class: Itemme.MmeAlarmEntry	Severity: variable Implicitly cleared: true Default probable cause: mmeUnspecifiedReason (607)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 7.1.0 • 8.0.0 • 8.1.0
Description: The raised alarm, LSS_failedUpdBearerReqsRateExceeded, indicates the value of cpiUpdateBearerFailures measurement, monitored when failure on Update Bearer request exceeded a threshold in the last 15 minute interval. This value computes the failure rate for the Update Bearer procedure, and compares the calculation against provisioned thresholds for Minor, Major, and Critical alarm conditions.		
Remedial action: Ensure S11 links are normal, using the link_cli command. If the links are normal, and the alarm persists, contact Alcatel-Lucent Customer Support.		

Table 23-194 WmmLSS_failedUpdDedBearerReqsRateExceeded

Alarm	Attributes	Applicable major releases
Name: WmmLSS_failedUpdDedBearerReqsRateExceeded (4288) Type: mmeAlarm (77) Package: Itemme Raised on class: Itemme.MmeAlarmEntry	Severity: variable Implicitly cleared: true Default probable cause: mmeUnspecifiedReason (607)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 7.1.0 • 8.0.0 • 8.1.0
Description: The raised alarm, LSS_failedUpdDedBearerReqsRateExceeded, indicates the value of VS.cpiUpdateDedicatedBearerFailures measurement, monitored when failure on Update Dedicated Bearer request exceeded a threshold in the last 15 minute interval. This value computes the failure rate for the Update Dedicated Bearer procedure, and compares the calculation against provisioned thresholds for Minor, Major, and Critical alarm conditions.		
Remedial action: Verify that S11 links are normal, using the link_cli command. If links are normal, and the alarm persists, contact Alcatel-Lucent Customer Support.		

Table 23-195 WmmLSS_fru

Alarm	Attributes	Applicable major releases
Name: WmmLSS_fru (4289) Type: mmeAlarm (77) Package: Itemme Raised on class: Itemme.MmeAlarmEntry	Severity: variable Implicitly cleared: true Default probable cause: mmeUnspecifiedReason (607)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 7.1.0 • 8.0.0 • 8.1.0
Description: When performing SIM fru procedure, failures that occur will result in the generation of FRU alarm.		
Remedial action: Based on the type of failure encountered, recovery actions may vary. If the FRU alarm is generated, contact Alcatel-Lucent Customer Support. Once the failure is corrected, a resumption of the SIM procedures will automatically clear the alarm.		

Table 23-196 WmmLSS_ggsnDnsError

Alarm	Attributes	Applicable major releases
Name: WmmLSS_ggsnDnsError (4290) Type: mmeAlarm (77) Package: Itemme Raised on class: Itemme.MmeAlarmEntry	Severity: variable Implicitly cleared: false Default probable cause: mmeUnspecifiedReason (607)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 7.1.0 • 8.0.0 • 8.1.0
Description: GGSN DNS Selection unable to retrieve IP Address. This alarm must be manually cleared.		
Remedial action: Verify that the GGSN IP Address is provisioned correctly on DNS server. Manually clear the alarm.		

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Table 23-197 WmmLSS_grow

Alarm	Attributes	Applicable major releases
Name: WmmLSS_grow (4291) Type: mmeAlarm (77) Package: Itemme Raised on class: Itemme.MmeAlarmEntry	Severity: variable Implicitly cleared: true Default probable cause: mmeUnspecifiedReason (607)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 7.1.0 • 8.0.0 • 8.1.0
Description: When performing SIM grow procedure, failures that occur will result in the generation of GROW alarm.		
Remedial action: Based on the type of failure encountered, recovery actions may vary. If the GROW alarm is generated, contact Alcatel-Lucent Customer Support. Once the failure is corrected, a resumption of the SIM procedures will automatically clear the alarm.		

Table 23-198 WmmLSS_hostDown

Alarm	Attributes	Applicable major releases
Name: WmmLSS_hostDown (4292) Type: mmeAlarm (77) Package: Itemme Raised on class: Itemme.MmeAlarmEntry	Severity: variable Implicitly cleared: true Default probable cause: mmeUnspecifiedReason (607)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 7.1.0 • 8.0.0 • 8.1.0
Description: A Service Host abnormally transitioned to an out-of-service state. (Note, this alarm will only be generated if the mate Service Host is in-service.)		
Remedial action: In general, the first few occurrences of the abnormal termination is automatically recovered by integrity software on the Service Host, in which case no manual action is necessary. When automatic recovery occurs the alarm clears automatically as well. However, if the unexpected event causing the abnormal termination occurs at a frequent enough rate, the Service Host can be left in a permanent Unavailable state. If in this state the alarm will not be cleared automatically and manual action is necessary to restore the Service Host. Bringing a Service Host software back to an In-Service state can be initiated from the MI. Ultimately, the reason for the abnormal termination needs to be determined and a fix provided. Fortunately, debugging output is sent to the MI Log File and core files are typically generated when these conditions occur. To aid Alcatel-Lucent Customer Support in providing a fix, the storage of the MI Log File and the collection of any core files at the time the error occurred should be done and made available. The location of generated core files is /var/core on the Service host that experienced the abnormal termination.		

Table 23-199 WmmLSS_internalCommunicationFailure

Alarm	Attributes	Applicable major releases
Name: WmmLSS_internalCommunicationFailure (4293) Type: mmeAlarm (77) Package: Itemme Raised on class: Itemme.MmeAlarmEntry	Severity: variable Implicitly cleared: true Default probable cause: mmeUnspecifiedReason (607)	<ul style="list-style-type: none"> • 7.0.0 • 7.1.0 • 8.0.0 • 8.1.0
Description: Communication between active MIF member and active MAF/SAF member failed or communications between active MIF member and active MPH member failed.		

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Alarm	Attributes	Applicable major releases
<p>Remedial action: Verify MPH, MIF and/or MAF have not been forced out-of-service. If communication is lost between the MPH and the MIF and it does not come back automatically, and MPH pool is in Active / Hot-standby state, try switching MPH to the standby member. If communication is lost between the MAF and the MIF and it does not come back automatically, and MAF pool is in Active / Hot-standby state, try switching MAF to the standby member. If communication is lost between the MIF and MPH and the MIF and MAFs and it does not come back automatically, and MIF pool is in Active / Hot-standby state, try switching MIF to the standby member.</p>		

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Table 23-200 WmmLSS_ippuBusError

Alarm	Attributes	Applicable major releases
Name: WmmLSS_ippuBusError (4294) Type: mmeAlarm (77) Package: Itemme Raised on class: Itemme.MmeAlarmEntry	Severity: variable Implicitly cleared: true Default probable cause: mmeUnspecifiedReason (607)	<ul style="list-style-type: none"> • 7.0.0 • 7.1.0 • 8.0.0 • 8.1.0
<p>Description: There is a bus error on the indicated host between the HSPP4 hardware (IPPU) in the AMC slot and the host hardware.</p>		
<p>Remedial action: Determine if any related alarms are also present, such as on the ESC, chassis, or board itself. Correct those alarms first and see if this alarm clears as a result. On Alcatel-Lucent 9471 WMM: Utilize <code>ippu_cli</code> to print the status of the board on the OAM host. On Alcatel-Lucent 9471 WMM: Verify the appropriate FRUID via shelf manager is present in the given ShelfId CardId. On Alcatel-Lucent 9471 WMM: Visually verify HSPP4 hardware is present in the AMC slot of the alarm indicated with a ShelfId and CardId. On Alcatel-Lucent 9471 WMM: On the Shelf Manager, verify the shelf and card in the alarm has an HSPP4 IPPU in the AMC slot. If HSPP4 is not detected, attempt to powercycle the card. On Alcatel-Lucent 9471 WMM: On the Shelf Manager, verify the shelf and card in the alarm has an HSPP4 IPPU in the AMC slot. If HSPP4 is not detected, attempt to re-seat the card in the alarm by ShelfId and CardId. On Alcatel-Lucent 9471 WMM: On the Shelf Manager, verify the shelf and card in the alarm has an HSPP4 IPPU in the AMC slot. If HSPP4 is not detected, replace the card used for this host using the appropriate FRU procedure as necessary. On Alcatel-Lucent 9471 WMM: Attempt to reset the entire host (ShelfId/CardId) via appropriate CLI or MI. Before attempting this action, verify that there is an ACTIVE or STAND BY mate present in the system. If the above steps do not clear the alarm, contact Alcatel-Lucent Customer Support.</p>		

Table 23-201 WmmLSS_ippuDegraded

Alarm	Attributes	Applicable major releases
Name: WmmLSS_ippuDegraded (8049) Type: mmeAlarm (77) Package: Itemme Raised on class: Itemme.MmeAlarmEntry	Severity: variable Implicitly cleared: true Default probable cause: mmeUnspecifiedReason (607)	<ul style="list-style-type: none"> • 8.1.0
<p>Description: This alarm will be displayed when the IPPU is either not working or incorrectly configured.</p>		
<p>Remedial action: Reboot the MAF blade hosting the IPPU. If the alarm persists after 30 minutes, contact field support.</p>		

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Table 23-202 WmmLSS_ippuResourceReset

Alarm	Attributes	Applicable major releases
Name: WmmLSS_ippuResourceReset (4295) Type: mmeAlarm (77) Package: Itemme Raised on class: Itemme.MmeAlarmEntry	Severity: variable Implicitly cleared: true Default probable cause: mmeUnspecifiedReason (607)	<ul style="list-style-type: none"> • 7.0.0 • 7.1.0 • 8.0.0 • 8.1.0
Description: There was a software reset on the iPPU in the HSPP4 AMC or a restart by the PMB process in the host identified by ShelfId and CardId.		
Remedial action: Determine if any related alarms are present. Correct those alarms first and see if this alarm clears as a result. On Alcatel-Lucent 9471 WMM: Utilize ippu_cli to print the status of the board on the OAM host. On Alcatel-Lucent 9471 WMM: Before attempting this action, verify that there is an ACTIVE or STAND BY mate present in the system. Attempt to reset the entire card (shelf/slot) via appropriate CLI interface or MI. If the above steps do not clear the alarm, contact Alcatel-Lucent Customer Support.		

Table 23-203 WmmLSS_liNearingCapacityLimit

Alarm	Attributes	Applicable major releases
Name: WmmLSS_liNearingCapacityLimit (4296) Type: mmeAlarm (77) Package: Itemme Raised on class: Itemme.MmeAlarmEntry	Severity: variable Implicitly cleared: true Default probable cause: mmeUnspecifiedReason (607)	<ul style="list-style-type: none"> • 7.0.0 • 7.1.0 • 8.0.0 • 8.1.0
Description: The number of lawful interceptions has reached 80% of MAF/SAF capacity.		
Remedial action: Use the query option of the li_target_cli command to verify that the appropriate set of UEs are selected for lawful interception.		

Table 23-204 WmmLSS_lostOfSDP

Alarm	Attributes	Applicable major releases
Name: WmmLSS_lostOfSDP (5152) Type: mmeAlarm (77) Package: Itemme Raised on class: Itemme.MmeAlarmEntry	Severity: variable Implicitly cleared: false Default probable cause: mmeUnspecifiedReason (607)	<ul style="list-style-type: none"> • 7.1.0 • 8.0.0 • 8.1.0
Description: SDP is operationally down.		
Remedial action: Check SDP configuration. Use sdp-ping to check accessibility far-end. Manually clear the alarm.		

Table 23-205 WmmLSS_lostOfSpokeSDP

Alarm	Attributes	Applicable major releases
Name: WmmLSS_lostOfSpokeSDP (5153) Type: mmeAlarm (77) Package: Itemme Raised on class: Itemme.MmeAlarmEntry	Severity: variable Implicitly cleared: false Default probable cause: mmeUnspecifiedReason (607)	<ul style="list-style-type: none"> • 7.1.0 • 8.0.0 • 8.1.0
Description: Spoke-SDP is operationally down.		
Remedial action: Check ingress and egress label mapping. Manually clear the alarm.		

Table 23-206 WmmLSS_maxDurationExpiredOnHRPDhandover

Alarm	Attributes	Applicable major releases
Name: WmmLSS_maxDurationExpiredOnHRPDhandover (4297) Type: mmeAlarm (77) Package: Itemme Raised on class: Itemme.MmeAlarmEntry	Severity: variable Implicitly cleared: true Default probable cause: mmeUnspecifiedReason (607)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 7.1.0 • 8.0.0 • 8.1.0
Description: The raised alarm, LSS_maxDurationExpiredOnHRPDhandover, indicates the value of VS.cpiMaxDurationHRPDhandover measurement, monitored when timed out on HRPD handover request exceeded a threshold in the last 15 minute interval. This value is the maximum time taken to perform a Handover to HRPD.		
Remedial action: Check the network routers for possible network delay. When the MME is programmed to include internal delay measurements, check these PMC values.		

Table 23-207 WmmLSS_memoryOverload

Alarm	Attributes	Applicable major releases
Name: WmmLSS_memoryOverload (4298) Type: mmeAlarm (77) Package: Itemme Raised on class: Itemme.MmeAlarmEntry	Severity: variable Implicitly cleared: true Default probable cause: mmeUnspecifiedReason (607)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 7.1.0 • 8.0.0 • 8.1.0
Description: This alarm indicates the memory utilization on a diskless service has exceeded a threshold or a memory allocation failure has occurred. The current default thresholds are: Minor - 80, Major - 85, Critical - 90.		
Remedial action: If memory usage regularly exceeds thresholds, investigate how the call traffic load can be reduced. If it does not clear after step 1, contact Alcatel-Lucent Customer Support to check if there is a memory leak occurring.		

Table 23-208 WmmLSS_mmeDnsError

Alarm	Attributes	Applicable major releases
Name: WmmLSS_mmeDnsError (4299) Type: mmeAlarm (77) Package: Itemme Raised on class: Itemme.MmeAlarmEntry	Severity: variable Implicitly cleared: false Default probable cause: mmeUnspecifiedReason (607)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 7.1.0 • 8.0.0 • 8.1.0
Description: MME DNS Selection unable to retrieve MME IP Address associated with FQDN. This alarm must be manually cleared.		
Remedial action: Verify that the FQDN is provisioned correctly in DNS server. Manually clear the alarm.		

Table 23-209 WmmLSS_mmeExternalLinkDown

Alarm	Attributes	Applicable major releases
Name: WmmLSS_mmeExternalLinkDown (4300) Type: mmeAlarm (77) Package: Itemme Raised on class: Itemme.MmeAlarmEntry	Severity: variable Implicitly cleared: true Default probable cause: mmeUnspecifiedReason (607)	<ul style="list-style-type: none"> • 6.0.0
Description: Communication between MME and another network entity can not be established.		
Remedial action: Verify the network entity that the MME fails to communicate with is in service. Determine that no errors exist within the IP network. If the network entity data is provisioned on MME, verify that the data is correct. If multiple links that terminate on the MIF (X1_1 or X2) are down, try switching the MIF to its hot-standby mate. If multiple links that terminate on the MPH (non-X1_1 and non-X2) are down, try switching the MPH to its hot-standby mate.		

Table 23-210 WmmLSS_mmeInternalCommunicationFailure

Alarm	Attributes	Applicable major releases
Name: WmmLSS_mmeInternalCommunicationFailure (4301) Type: mmeAlarm (77) Package: Itemme Raised on class: Itemme.MmeAlarmEntry	Severity: variable Implicitly cleared: true Default probable cause: mmeUnspecifiedReason (607)	<ul style="list-style-type: none"> • 6.0.0
Description: Communication between active MIF member and active MAF member failed or communications between active MIF member and active MPH member failed.		
Remedial action: Verify MPH, MIF and/or MAF have not been forced out-of-service. If communication is lost between the MPH and the MIF and it does not come back automatically, and MPH pool is in Active / Hot-standby state, try switching MPH to the standby member. If communication is lost between the MAF and the MIF and it does not come back automatically, and MAF pool is in Active / Hot-standby state, try switching MAF to the standby member. If communication is lost between the MIF and MPH and the MIF and MAFs and it does not come back automatically, and MIF pool is in Active / Hot-standby state, try switching MIF to the standby member.		

Table 23-211 WmmLSS_mmeLiNearingCapacityLimit

Alarm	Attributes	Applicable major releases
Name: WmmLSS_mmeLiNearingCapacityLimit (4302) Type: mmeAlarm (77) Package: Itemme Raised on class: Itemme.MmeAlarmEntry	Severity: variable Implicitly cleared: true Default probable cause: mmeUnspecifiedReason (607)	<ul style="list-style-type: none"> 6.0.0
Description: The number of lawful interceptions has reached 80% of MAF capacity.		
Remedial action: Use the query option of the li_target_cli command to verify that the appropriate set of UEs are selected for lawful interception.		

Table 23-212 WmmLSS_mmeNoResetAckReceived

Alarm	Attributes	Applicable major releases
Name: WmmLSS_mmeNoResetAckReceived (4303) Type: mmeAlarm (77) Package: Itemme Raised on class: Itemme.MmeAlarmEntry	Severity: variable Implicitly cleared: true Default probable cause: mmeUnspecifiedReason (607)	<ul style="list-style-type: none"> 6.0.0
Description: No RESET ACKNOWLEDGEMENT message was received from the RNC after the MME/SGSN has sent and resent a RESET message.		
Remedial action: Verify the RNC that MME/SGSN fails to get the message from with is in service. Determine that no errors exist within the IP network.		

Table 23-213 WmmLSS_mmeTaiFqdnError

Alarm	Attributes	Applicable major releases
Name: WmmLSS_mmeTaiFqdnError (4304) Type: mmeAlarm (77) Package: Itemme Raised on class: Itemme.MmeAlarmEntry	Severity: variable Implicitly cleared: true Default probable cause: mmeUnspecifiedReason (607)	<ul style="list-style-type: none"> 6.0.0
Description: SGW DNS Selection unable to retrieve SGW IP Address associated with TAI FQDN.		
Remedial action: Verify that the MCC, MNC, and TAC are provisioned correctly.		

Table 23-214 WmmLSS_msThreshold

Alarm	Attributes	Applicable major releases
Name: WmmLSS_msThreshold (4411) Type: mmeAlarm (77) Package: Itemme Raised on class: Itemme.MmeAlarmEntry	Severity: variable Implicitly cleared: true Default probable cause: mmeUnspecifiedReason (607)	<ul style="list-style-type: none"> • 7.0.0 • 7.1.0 • 8.0.0 • 8.1.0
Description: Number of attached MS or UE threshold reached		
Remedial action: If the problem persists, contact Alcatel-Lucent Customer Support.		

Table 23-215 WmmLSS_nodeGroupOOS

Alarm	Attributes	Applicable major releases
Name: WmmLSS_nodeGroupOOS (4808) Type: mmeAlarm (77) Package: Itemme Raised on class: Itemme.MmeAlarmEntry	Severity: variable Implicitly cleared: true Default probable cause: mmeUnspecifiedReason (607)	<ul style="list-style-type: none"> • 7.0.0
Description: This Major alarm occurs when a Node Group state enters Redundancy. This Critical alarm occurs when a Node Group state enters Fault.		
Remedial action: The alarm is cleared when the node group state changed to Normal, i.e. all the nodes in this node group enter In Service(unblocked) state. Determine that there are no errors within the IP network. If errors exist, follow the operating procedures to correct these errors. Determine that the Ethernet Switch Card (ESC) is in service. If not, follow the local operating procedures to restore the ESC to service. Determine that the DNS is provisioned with correct IP addresses for the Destination URI. If not, correctly provision the DNS with the correct IP addresses for the Destination URI.		

Table 23-216 WmmLSS_nodeOOS

Alarm	Attributes	Applicable major releases
Name: WmmLSS_nodeOOS (4809) Type: mmeAlarm (77) Package: Itemme Raised on class: Itemme.MmeAlarmEntry	Severity: variable Implicitly cleared: true Default probable cause: mmeUnspecifiedReason (607)	<ul style="list-style-type: none"> • 7.0.0
Description: This alarm indicates the state of a Node has changed from in-service to out-of-service.		
Remedial action: Determine if the destination URI is in service and is able to respond to the SIP heartbeat. If not, follow the operating procedures to restore the destination URI to service. Determine that there are no errors within the IP network. If errors exist, follow the operating procedures to correct these errors. Determine that the Ethernet Switch Card (ESC) is in service. If not, follow the local operating procedures to restore the ESC to service. Determine that the DNS is provisioned with correct IP addresses for the Destination URI. If not, correctly provision the DNS with the correct IP addresses for the Destination URI.		

Table 23-217 WmmLSS_noResetAckReceived

Alarm	Attributes	Applicable major releases
Name: WmmLSS_noResetAckReceived (4305) Type: mmeAlarm (77) Package: Itemme Raised on class: Itemme.MmeAlarmEntry	Severity: variable Implicitly cleared: true Default probable cause: mmeUnspecifiedReason (607)	<ul style="list-style-type: none"> • 7.0.0 • 7.1.0 • 8.0.0 • 8.1.0
Description: No RESET ACKNOWLEDGEMENT message was received from the RNC after the WMM has sent and resent a RESET message.		
Remedial action: Verify the RNC that WMM fails to get the message from with is in service. Determine that there are no errors within the IP network.		

Table 23-218 WmmLSS_nseBandwidthThreshold

Alarm	Attributes	Applicable major releases
Name: WmmLSS_nseBandwidthThreshold (4412) Type: mmeAlarm (77) Package: Itemme Raised on class: Itemme.MmeAlarmEntry	Severity: variable Implicitly cleared: true Default probable cause: mmeUnspecifiedReason (607)	<ul style="list-style-type: none"> • 7.0.0 • 7.1.0 • 8.0.0 • 8.1.0
Description: NSE bandwidth threshold reached		
Remedial action: Analyze the operation context of the alarm. Determine if this alarm is structural or conjectural. Analyze the figures reported by the observation counters to evaluate how quick the NSE bandwidth has increased. Depending on the result of the investigations: If the NSE bandwidth remains over this threshold most of the time, and if alarm with major severity also appears, upgrade of the SGSN configuration must be performed. Please contact Alcatel-Lucent Customer Support.		

Table 23-219 WmmLSS_numberOfTuplesInUse

Alarm	Attributes	Applicable major releases
Name: WmmLSS_numberOfTuplesInUse (4309) Type: mmeAlarm (77) Package: Itemme Raised on class: Itemme.MmeAlarmEntry	Severity: variable Implicitly cleared: true Default probable cause: mmeUnspecifiedReason (607)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 7.1.0 • 8.0.0 • 8.1.0
Description: The raised alarm LSS_numberOfTuplesInUse indicates that the number of tuples currently in use in a DA (data access) table used to store dynamic database information, has reached a threshold. The DA table in question is specified in the 'Resource'. The threshold is indicated in the 'Additional Information'.		
Remedial action: Contact Alcatel-Lucent Customer Support.		

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Table 23-220 WmmLSS_numTOS10gtpcRateExceeded

Alarm	Attributes	Applicable major releases
Name: WmmLSS_numTOS10gtpcRateExceeded (4306) Type: mmeAlarm (77) Package: Itemme Raised on class: Itemme.MmeAlarmEntry	Severity: variable Implicitly cleared: true Default probable cause: mmeUnspecifiedReason (607)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 7.1.0 • 8.0.0 • 8.1.0
Description: The raised alarm, LSS_numTOS10gtpcRateExceeded, indicates the value of VS.cpiGTPcResponseTO_S10 measurement, monitored when missing replies to S10(gtpc) request exceeded a threshold in the last 15 minute interval. This value computes the cpiage of Response messages that are not received over S10, and compares the calculation against provisioned thresholds for Minor, Major, and Critical alarm conditions.		
Remedial action: Check the network routers for any problems. Check to determine if any other MME elements are having problems.		

Table 23-221 WmmLSS_numTOS11gtpcRateExceeded

Alarm	Attributes	Applicable major releases
Name: WmmLSS_numTOS11gtpcRateExceeded (4307) Type: mmeAlarm (77) Package: Itemme Raised on class: Itemme.MmeAlarmEntry	Severity: variable Implicitly cleared: true Default probable cause: mmeUnspecifiedReason (607)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 7.1.0 • 8.0.0 • 8.1.0
Description: The raised alarm, LSS_numTOS11gtpcRateExceeded, indicates the value of VS.cpiGTPcResponseTO_S11 measurement, monitored when missing replies to S11(gtpc) request exceeded a threshold in the last 15 minute interval. This value computes the cpiage of Response messages that are not received over S11, and compares the calculation against provisioned thresholds for Minor, Major, and Critical alarm conditions.		
Remedial action: Verify that S11 links are normal, using the link_cli command. If links are normal, and the alarm persists, contact Alcatel-Lucent Customer Support.		

Table 23-222 WmmLSS_numTOS3gtpcRateExceeded

Alarm	Attributes	Applicable major releases
Name: WmmLSS_numTOS3gtpcRateExceeded (4308) Type: mmeAlarm (77) Package: Itemme Raised on class: Itemme.MmeAlarmEntry	Severity: variable Implicitly cleared: true Default probable cause: mmeUnspecifiedReason (607)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 7.1.0 • 8.0.0 • 8.1.0
Description: The raised alarm, LSS_numTOS3gtpcRateExceeded, indicates the value of VS.numTOS3gtpcRateExceeded measurement, monitored when missing replies to S3(gtpc) request exceeded a threshold in the last 5 minute interval. This value computes the percentage of Response messages that are not received over S3, and compares the calculation against provisioned thresholds for Minor, Major, and Critical alarm conditions.		
Remedial action: Verify that S3 links are normal, using the link_cli command. If links are normal, and the alarm persists, contact Alcatel-Lucent Customer Support.		

Table 23-223 WmmLSS_osSecInfoModificationDetected

Alarm	Attributes	Applicable major releases
Name: WmmLSS_osSecInfoModificationDetected (4310) Type: mmeAlarm (77) Package: Itemme Raised on class: Itemme.MmeAlarmEntry	Severity: variable Implicitly cleared: false Default probable cause: mmeUnspecifiedReason (607)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 7.1.0 • 8.0.0 • 8.1.0
Description: This alarm indicates that an unexpected modification on the security information of a host operating system has been detected by the security audit program.		
Remedial action: Access MI GUI for the detailed information of this security alarm. Investigate the problematic file identified in the additionalText string. Correct any errors found during the investigation the problem. Contact Alcatel-Lucent Customer Support as needed. Once the error has been corrected, clear the alarm from the MI GUI.		

Table 23-224 WmmLSS_osSecInformationMissing

Alarm	Attributes	Applicable major releases
Name: WmmLSS_osSecInformationMissing (4311) Type: mmeAlarm (77) Package: Itemme Raised on class: Itemme.MmeAlarmEntry	Severity: variable Implicitly cleared: false Default probable cause: mmeUnspecifiedReason (607)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 7.1.0 • 8.0.0 • 8.1.0
Description: This alarm indicates that the security information Golden copy of a host operating system has been deleted. The Golden copy is the initial snapshot of the host operating system, which is used by the security audit program to identify possible security violations of the host operating system.		
Remedial action: Access MI GUI for the detailed information of this security alarm. Investigate the problematic file identified in the additionalText string. Correct the problem by performing a Security Audit on this host from MI GUI to re-create the Golden copy. Contact Alcatel-Lucent Customer Support as needed. Once the error has been corrected, clear the alarm from MI GUI.		

Table 23-225 WmmLSS_osSecUnexpectedInformation

Alarm	Attributes	Applicable major releases
Name: WmmLSS_osSecUnexpectedInformation (4312) Type: mmeAlarm (77) Package: Itemme Raised on class: Itemme.MmeAlarmEntry	Severity: variable Implicitly cleared: false Default probable cause: mmeUnspecifiedReason (607)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 7.1.0 • 8.0.0 • 8.1.0
Description: This alarm indicates that security audit program has detected an unexpected program currently running on a host.		
Remedial action: First access MI GUI for the detailed information about this security alarm. Investigation is needed to find out how the offending service/program got installed. The alarm can be manually cleared after removing the service/program and verifying the system integrity.		

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Table 23-226 WmmLSS_patch

Alarm	Attributes	Applicable major releases
Name: WmmLSS_patch (4313) Type: mmeAlarm (77) Package: Itemme Raised on class: Itemme.MmeAlarmEntry	Severity: variable Implicitly cleared: true Default probable cause: mmeUnspecifiedReason (607)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 7.1.0 • 8.0.0
Description: When performing SIM patch procedure, failures that occur will result in the generation of PATCH alarm.		
Remedial action: Based on the type of failure encountered, recovery actions may vary. If the PATCH alarm is generated, contact Alcatel-Lucent Customer Support. Once the failure is corrected, a resumption of the SIM procedures will automatically clear the alarm.		

Table 23-227 WmmLSS_pathAvailability

Alarm	Attributes	Applicable major releases
Name: WmmLSS_pathAvailability (4314) Type: mmeAlarm (77) Package: Itemme Raised on class: Itemme.MmeAlarmEntry	Severity: variable Implicitly cleared: true Default probable cause: mmeUnspecifiedReason (607)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 7.1.0 • 8.0.0 • 8.1.0
Description: This alarm is raised when SCTP path becomes unavailable. The local and remote provisioned addresses need to be checked for use of the correct 2 sub-networks provided. If the provisioned addresses match the 2 physical subnets, and if all address provisioned are also correct, then the physical network that carries the subnet used in the path 'unavailable' alarm needs to be investigated for trouble. The specifics of the path are documented in the 'additionalText' field of the alarm. These alarms may need to be cleared manually: as alarms are reported when path connectivity is established, however their contents are a function of provisioned addresses (paths) that may be wrong and changed when the connection is down, and may no longer match with the path that was originally alarmed.		
Remedial action: Verify that the endpoints IP addresses on the MME are the remote entity are provisioned correctly. Verify that the network between the MME and the remote entity is functioning correctly.		

Table 23-228 WmmLSS_pdpThreshold

Alarm	Attributes	Applicable major releases
Name: WmmLSS_pdpThreshold (4413) Type: mmeAlarm (77) Package: Itemme Raised on class: Itemme.MmeAlarmEntry	Severity: variable Implicitly cleared: true Default probable cause: mmeUnspecifiedReason (607)	<ul style="list-style-type: none"> • 7.0.0 • 7.1.0 • 8.0.0 • 8.1.0
Description: Number of activated PDP context threshold reached.		
Remedial action: Analyze the operation context of the alarm. Determine if this alarm is structural or conjectural. Analyze the observation counters values to evaluate how quick the number of activated PDP contexts has increased. Depending on the result of the investigations: If the activated PDP contexts overload corresponds to a specific peak, you don't need to perform any upgrade of the SGSN. If alarm LSS_pdpThreshold is present as major, the activated PDP contexts overload is constant. There is a gap between the demand of PS services and the SGSN processing capacity. You need to upgrade the SGSN configuration. Please contact Alcatel-Lucent Customer Support.		

Table 23-229 WmmLSS_pgwDnsError

Alarm	Attributes	Applicable major releases
Name: WmmLSS_pgwDnsError (4315) Type: mmeAlarm (77) Package: Itemme Raised on class: Itemme.MmeAlarmEntry	Severity: variable Implicitly cleared: false Default probable cause: mmeUnspecifiedReason (607)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 7.1.0 • 8.0.0 • 8.1.0
Description: MME DNS Selection unable to retrieve PGW IP Address associated with FQDN. This alarm must be manually cleared.		
Remedial action: Verify that the FQDN is provisioned correctly in DNS server. Manually clear the alarm.		

Table 23-230 WmmLSS_pktCorruptionDetectedViaRCCLANCheck

Alarm	Attributes	Applicable major releases
Name: WmmLSS_pktCorruptionDetectedViaRCCLANCheck (4316) Type: mmeAlarm (77) Package: Itemme Raised on class: Itemme.MmeAlarmEntry	Severity: variable Implicitly cleared: true Default probable cause: mmeUnspecifiedReason (607)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 7.1.0 • 8.0.0 • 8.1.0
Description: The LANCHECK audit has identified corrupted packets being transmitted through the network.		
Remedial action: The reason for the data corruption needs to be understood and corrected. It is possible that the Service Host Ethernet Port failed, the cabling that interconnects the Ethernet Port to the network is damaged, the Routers and/or Ethernet Switches that make up the Alcatel-Lucent SoftSwitch Network failed. Investigate each of these reasons and discount or correct. Once corrected, the alarm will be cleared.		

Table 23-231 WmmLSS_platformCommandFailure

Alarm	Attributes	Applicable major releases
Name: WmmLSS_platformCommandFailure (4317) Type: mmeAlarm (77) Package: Itemme Raised on class: Itemme.MmeAlarmEntry	Severity: variable Implicitly cleared: false Default probable cause: mmeUnspecifiedReason (607)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 7.1.0 • 8.0.0 • 8.1.0
Description: This alarm indicates that a linux command started via crond has failed to execute on a host.		
Remedial action: Access MI GUI for the detailed information of this security alarm. Investigate the specific offending file identified in additionalText string and correct the problem. Contact Alcatel-Lucent Customer Support as needed. Once the file has been corrected, clear the alarm from the MI GUI.		

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Table 23-232 WmmLSS_pmDataNotCollected

Alarm	Attributes	Applicable major releases
Name: WmmLSS_pmDataNotCollected (4318) Type: mmeAlarm (77) Package: Itemme Raised on class: Itemme.MmeAlarmEntry	Severity: variable Implicitly cleared: true Default probable cause: mmeUnspecifiedReason (607)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 7.1.0 • 8.0.0 • 8.1.0
Description: The raised alarm LSS_pmDataNotCollected indicates that the PM process on CNFG card could not receive PM data from a service in a interval(5 minutes).		
Remedial action: Check if the card is in the network congestion status. if it could not be pinged through, please restart the card. Check if the card is in the init status. if yes, please wait for a while. If the above steps do not correct the problem, contact Alcatel-Lucent Customer Support.		

Table 23-233 WmmLSS_processDown

Alarm	Attributes	Applicable major releases
Name: WmmLSS_processDown (4319) Type: mmeAlarm (77) Package: Itemme Raised on class: Itemme.MmeAlarmEntry	Severity: variable Implicitly cleared: true Default probable cause: mmeUnspecifiedReason (607)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 7.1.0 • 8.0.0 • 8.1.0
Description: This alarm indicates that an application process that should be running has terminated.		
Remedial action: Recovery software should automatically recover from the abnormal or maintenance event that has caused the process termination, without any manual involvement. The automatic recovery will restart just that process or will reboot the card as necessary. If the alarm does not clear or if it occurs repeatedly, contact Alcatel-Lucent Customer Support.		

Table 23-234 WmmLSS_processNotStarted

Alarm	Attributes	Applicable major releases
Name: WmmLSS_processNotStarted (4320) Type: mmeAlarm (77) Package: Itemme Raised on class: Itemme.MmeAlarmEntry	Severity: variable Implicitly cleared: true Default probable cause: mmeUnspecifiedReason (607)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 7.1.0 • 8.0.0 • 8.1.0
Description: This alarm is LSS_processNotStarted as raised by the MME system		

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Alarm	Attributes	Applicable major releases
<p>Remedial action: IPM: Based on the type of failure encountered, recovery actions may vary. If the ipmStartupFailure is generated, contact Alcatel-Lucent Customer Support. Once the failure is corrected, the startup of the ipm process will automatically clear the alarm. DHCPD: Based on the type of failure encountered, recovery actions vary. If the dhcpdStartupFailure is generated, contact Alcatel-Lucent Customer Support. Once the failure is correct, the startup of the dhcpd process will automatically clear the alarm. DNSPROXY: Based on the type of failure encountered, recovery actions may vary. If the dnsproxyStartupFailure is generated, contact Alcatel-Lucent Customer Support. Once the failure is corrected, the startup of the dnsproxy process will automatically clear the alarm. PDNS SERVER: Based on the type of failure encountered, recovery actions may vary. If the pdnsStartupFailure is generated, contact Alcatel-Lucent Customer Support. Once the failure is corrected, the startup of the pdns process will automatically clear the alarm. UNBOUND: Based on the type of failure encountered, recovery actions may vary. If the unboundStartupFailure is generated, contact Alcatel-Lucent Customer Support. Once the failure is corrected, the startup of the unbound process will automatically clear the alarm. LIGHTTPD: Based on the type of failure encountered, recovery actions may vary. If the lighttpdStartupFailure is generated, contact Alcatel-Lucent Customer Support. Once the failure is corrected, the startup of the lighttpd process will automatically clear the alarm. SSHD: Based on the type of failure encountered, recovery actions may vary. If the sshdStartupFailure is generated, contact Alcatel-Lucent Customer Support. Once the failure is corrected, the startup of the sshd process will automatically clear the alarm. NTPD: Based on the type of failure encountered, recovery actions may vary. If the ntpdStartupFailure is generated, contact Alcatel-Lucent Customer Support. Once the failure is corrected, the startup of the ntpd process will automatically clear the alarm.</p>		

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Table 23-235 WmmLSS_provisioningError

Alarm	Attributes	Applicable major releases
Name: WmmLSS_provisioningError (4321) Type: mmeAlarm (77) Package: Itemme Raised on class: Itemme.MmeAlarmEntry	Severity: variable Implicitly cleared: false Default probable cause: mmeUnspecifiedReason (607)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 7.1.0 • 8.0.0 • 8.1.0
<p>Description: Missing provisioning of TAI-to-LAI mapping to MSC in 2G/3G operator for SGS based CSFB/SMS.</p>		
<p>Remedial action: Provision missing entries in TAI-LAI mapping table utilizing LAI in 2G/3G operator. Refer to user text in alarm.</p>		

Table 23-236 WmmLSS_rcclnhibitedMode

Alarm	Attributes	Applicable major releases
Name: WmmLSS_rcclnhibitedMode (4810) Type: mmeAlarm (77) Package: Itemme Raised on class: Itemme.MmeAlarmEntry	Severity: variable Implicitly cleared: true Default probable cause: mmeUnspecifiedReason (607)	<ul style="list-style-type: none"> • 7.0.0
<p>Description: This alarm will be raised when RCC is set to inhibited mode on a host. Inhibited mode will prevent any service on that host from being switched over to its mate, or from failing over to its mate, and is typically used only during maintenance activities such as software upgrade or patching.</p>		
<p>Remedial action: The alarm will clear automatically when the RCC inhibit flag is cleared on the affected host. 1. To display the RCC inhibit flag on a host, run this command on the MI: For ATCA: rcc_adm --action disp_inhibit --host <amp value="It"/>hostname<amp value='gt'/> For cPSB: rcclnhibit -d <amp value='It'/>hostname<amp value='gt'/> where <amp value='It'/>hostname<amp value='gt'/> is the affected host name 2. To clear the RCC inhibit flag on a host, run this command from the MI: For ATCA: rcc_adm --action clr_inhibit --host <amp value='It'/>hostname<amp value='gt'/> For cPSB: rcclnhibit -a CLEAR <amp value='It'/>hostname<amp value='gt'/> where <amp value='It'/>hostname<amp value='gt'/> is the affected host name If the alarm does not clear after clearing the RCC inhibit flag, contact Alcatel-Lucent Customer Support"</p>		

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Table 23-237 WmmLSS_remotedbLinkDown

Alarm	Attributes	Applicable major releases
Name: WmmLSS_remotedbLinkDown (4323) Type: mmeAlarm (77) Package: Itemme Raised on class: Itemme.MmeAlarmEntry	Severity: variable Implicitly cleared: true Default probable cause: mmeUnspecifiedReason (607)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 7.1.0 • 8.0.0 • 8.1.0
Description: This alarm will be displayed when the remotedb trigger function connection does not exist.		
Remedial action: Normally the alarm will be cleared automatically when a remote service restarts and re-connects to the remotedb database; If this alarm is not cleared, please contact Alcatel-Lucent Customer Support.		

Table 23-238 WmmLSS_remoteQueryServerFailure

Alarm	Attributes	Applicable major releases
Name: WmmLSS_remoteQueryServerFailure (4322) Type: mmeAlarm (77) Package: Itemme Raised on class: Itemme.MmeAlarmEntry	Severity: variable Implicitly cleared: true Default probable cause: mmeUnspecifiedReason (607)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 7.1.0 • 8.0.0 • 8.1.0
Description: This alarm indicates that a host has lost connection to a remote DNS/ENUM server.		
Remedial action: The user needs to check the failed DNS server as to the nature of the server failure		

Table 23-239 WmmLSS_restore

Alarm	Attributes	Applicable major releases
Name: WmmLSS_restore (4324) Type: mmeAlarm (77) Package: Itemme Raised on class: Itemme.MmeAlarmEntry	Severity: variable Implicitly cleared: true Default probable cause: mmeUnspecifiedReason (607)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 7.1.0 • 8.0.0 • 8.1.0
Description: When performing SIM restore procedure, failures that occur will result in the generation of RESTOR E alarm.		
Remedial action: Based on the type of failure encountered, recovery actions may vary. If the RESTOR E alarm is generated, contact Alcatel-Lucent Customer Support. Once the failure is corrected, a resumption of the SIM procedures will automatically clear the alarm.		

Table 23-240 WmmLSS_serviceOnewayCommunication

Alarm	Attributes	Applicable major releases
Name: WmmLSS_serviceOnewayCommunication (4325) Type: mmeAlarm (77) Package: Itemme Raised on class: Itemme.MmeAlarmEntry	Severity: variable Implicitly cleared: true Default probable cause: mmeUnspecifiedReason (607)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 7.1.0 • 8.0.0 • 8.1.0
Description: A service might have one way communication to the Redundancy Manager and possibly other network elements.		
Remedial action: Wait approximately 1 minute 30 seconds; if the alarm does not clear autonomously, one will need to investigate why the alarm does not clear. Check and see if there are other outstanding alarms on this service that might trump the onewayCommunication alarm. Those alarms would be of type connectionLost; or any other alarms associated to the state of the service. Other alarms would indicate that a more severe problem exists on the service; and onewayCommunication could optionally be cleared at this point; as the other service based alarms most likely supersede the onewayCommunication alarm.		

Table 23-241 WmmLSS_sgsnDnsError

Alarm	Attributes	Applicable major releases
Name: WmmLSS_sgsnDnsError (4326) Type: mmeAlarm (77) Package: Itemme Raised on class: Itemme.MmeAlarmEntry	Severity: variable Implicitly cleared: false Default probable cause: mmeUnspecifiedReason (607)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 7.1.0 • 8.0.0 • 8.1.0
Description: SGSN DNS Selection unable to retrieve SGSN IP Address associated with FQDN. This alarm must be manually cleared.		
Remedial action: Verify that the FQDN is provisioned correctly in DNS server. Manually clear the alarm.		

Table 23-242 WmmLSS_sgwResourceDegraded

Alarm	Attributes	Applicable major releases
Name: WmmLSS_sgwResourceDegraded (8050) Type: mmeAlarm (77) Package: Itemme Raised on class: Itemme.MmeAlarmEntry	Severity: variable Implicitly cleared: true Default probable cause: mmeUnspecifiedReason (607)	<ul style="list-style-type: none"> • 8.1.0
Description: The raised LSS_sgwResourceDegraded alarm indicates the WMM selection on SGW or SGW-PGW pair has been degraded.		
Remedial action: Determine that there are no errors within the IP network. Determine that the SGW and/or SGW PGW pair are in service. Check if the invocation of wmm_cli tool was intentional.		

Table 23-243 WmmLSS_sgwSelectionFailure

Alarm	Attributes	Applicable major releases
Name: WmmLSS_sgwSelectionFailure (5106) Type: mmeAlarm (77) Package: Itemme Raised on class: Itemme.MmeAlarmEntry	Severity: variable Implicitly cleared: false Default probable cause: mmeUnspecifiedReason (607)	<ul style="list-style-type: none"> • 7.1.0 • 8.0.0 • 8.1.0
Description: SGSN fails to select a SGW either due to failure to select SGW S5 service, SGW S8 service, or SGW S4 service. This alarm shall be manually cleared.		
Remedial action: Verify that the SGW is provisioned, configured correctly. Manually clear the alarm.		

Table 23-244 WmmLSS_sheddingOverload

Alarm	Attributes	Applicable major releases
Name: WmmLSS_sheddingOverload (4327) Type: mmeAlarm (77) Package: Itemme Raised on class: Itemme.MmeAlarmEntry	Severity: variable Implicitly cleared: true Default probable cause: mmeUnspecifiedReason (607)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 7.1.0 • 8.0.0 • 8.1.0
Description: This alarm indicates the message shedding severity under system overload. The two severity levels indicate the degree of shedding severity. The types of messages/calls that are shed is specific to the application and there tends to be additional types of messages impacted by the shedding as the severity increases. Currently the default thresholds between Major and Critical is 70.		
Remedial action: Verify that there is no running debug or testing tool that uses a lot of CPU/memory. If CPU or memory utilization regularly exceeds thresholds, investigate how the call traffic load can be reduced: Reengineer so less traffic is directed to this office or card. Consider replacing the overloaded card pair with higher-capacity cards. Verify if there are enough cards to handle the expected load and add additional cards as appropriate.		

Table 23-245 WmmLSS_shmcEthernetError

Alarm	Attributes	Applicable major releases
Name: WmmLSS_shmcEthernetError (4328) Type: mmeAlarm (77) Package: Itemme Raised on class: Itemme.MmeAlarmEntry	Severity: variable Implicitly cleared: true Default probable cause: mmeUnspecifiedReason (607)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 7.1.0 • 8.0.0 • 8.1.0
Description: The Ethernet link to the Shelf Management Card (ShMC) has failed.		
Remedial action: Verify the hub port corresponding to this server by telnet to the hub card. Correct or replace the hub as necessary. Verify that the shelf management cards are running on active/standby status by 'clia shmstatus' command on shelf management card. Correct the status as necessary.		

Table 23-246 WmmLSS_simxml

Alarm	Attributes	Applicable major releases
Name: WmmLSS_simxml (4329) Type: mmeAlarm (77) Package: Itemme Raised on class: Itemme.MmeAlarmEntry	Severity: variable Implicitly cleared: true Default probable cause: mmeUnspecifiedReason (607)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 7.1.0 • 8.0.0 • 8.1.0
Description: When performing simxml procedure, failures that occur will result in the generation of SIMXML alarm.		
Remedial action: Based on the type of failure encountered, recovery actions may vary. If the SIMXML alarm is generated, contact Alcatel-Lucent Customer Support. Once the failure is corrected, a resumption of the SIM procedures will automatically clear the alarm.		

Table 23-247 WmmLSS_sipLinkSetMaxQuarantineList

Alarm	Attributes	Applicable major releases
Name: WmmLSS_sipLinkSetMaxQuarantineList (4811) Type: mmeAlarm (77) Package: Itemme Raised on class: Itemme.MmeAlarmEntry	Severity: variable Implicitly cleared: true Default probable cause: mmeUnspecifiedReason (607)	<ul style="list-style-type: none"> • 7.0.0
Description: This alarm occurs when the maximum number of out of service SIP linkset has been reached in the quarantine list.		
Remedial action: need manual procedure to clear the alarm		

Table 23-248 WmmLSS_softwareAllocatedResourceOverload

Alarm	Attributes	Applicable major releases
Name: WmmLSS_softwareAllocatedResourceOverload (4330) Type: mmeAlarm (77) Package: Itemme Raised on class: Itemme.MmeAlarmEntry	Severity: variable Implicitly cleared: true Default probable cause: mmeUnspecifiedReason (607)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 7.1.0 • 8.0.0 • 8.1.0
Description: This alarm indicates that the utilization of a pre-allocated resource by software has exceeded thresholds. The resource could be internal buffer, data structure array, table entries, etc.		
Remedial action: Consider reengineering so that less traffic is directed to this service. If condition persists, contact Alcatel-Lucent Customer Support.		

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Table 23-249 WmmLSS_softwareComponentDown

Alarm	Attributes	Applicable major releases
Name: WmmLSS_softwareComponentDown (5145) Type: mmeAlarm (77) Package: Itemme Raised on class: Itemme.MmeAlarmEntry	Severity: variable Implicitly cleared: true Default probable cause: mmeUnspecifiedReason (607)	<ul style="list-style-type: none"> • 7.1.0 • 8.0.0 • 8.1.0
Description: Software that is executing on the Service Host has terminated abnormally.		
Remedial action: Generally, no manual action is necessary. Integrity software on the Service Host takes care of automatic recovery from the abnormal termination. When automatic recovery occurs the alarm will be cleared automatically as well. The affected software gets in a permanent unavailable state after frequent abnormal terminations. In this state, the alarm will not be cleared automatically and manual action will be necessary to restore the software. Bringing Service Host software back to an in-service state can be initiated from the MI. Use the MI GUI virtual host screen, initialization control option. If the problem reoccurs, contact Alcatel-Lucent Customer Support.		

Table 23-250 WmmLSS_softwareComponentStandbyNotReady

Alarm	Attributes	Applicable major releases
Name: WmmLSS_softwareComponentStandbyNotReady (4331) Type: mmeAlarm (77) Package: Itemme Raised on class: Itemme.MmeAlarmEntry	Severity: variable Implicitly cleared: true Default probable cause: mmeUnspecifiedReason (607)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 7.1.0 • 8.0.0 • 8.1.0
Description: The state of the software component, Virtual Machine (VM) that is executing on the Service Host is standby-cold or standby-cool		
Remedial action: Generally, no manual action is necessary. Integrity software on the Service Host takes care of automatic recovery from the standby-cold/standby-cool state. When automatic recovery occurs the alarm clears automatically as well. The timing for each VM to come up is different. Since this alarm will fire during the NOR MAL init time, it should not treat as a problem until 10 minutes later. If the alarm does not clear after one interval, contact Alcatel-Lucent Customer Support.		

Table 23-251 WmmLSS_svcdegrow

Alarm	Attributes	Applicable major releases
Name: WmmLSS_svcdegrow (4332) Type: mmeAlarm (77) Package: Itemme Raised on class: Itemme.MmeAlarmEntry	Severity: variable Implicitly cleared: true Default probable cause: mmeUnspecifiedReason (607)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 7.1.0 • 8.0.0 • 8.1.0
Description: When performing SIM service degrow (svcdegrow) procedure, failures that occur will result in the generation of SVCDEGROW alarm.		
Remedial action: Based on the type of failure encountered, recovery actions may vary. If the SVCDEGROW alarm is generated, contact Alcatel-Lucent Customer Support. Once the failure is corrected, a resumption of the SIM procedures will automatically clear the alarm.		

Table 23-252 WmmLSS_svcgrow

Alarm	Attributes	Applicable major releases
Name: WmmLSS_svcgrow (4333) Type: mmeAlarm (77) Package: Itemme Raised on class: Itemme.MmeAlarmEntry	Severity: variable Implicitly cleared: true Default probable cause: mmeUnspecifiedReason (607)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 7.1.0 • 8.0.0 • 8.1.0
Description: When performing SIM service grow (svcgrow) procedure, failures that occur will result in the generation of SVCGROW alarm.		
Remedial action: Based on the type of failure encountered, recovery actions may vary. If the SVCGROW alarm is generated, contact Alcatel-Lucent Customer Support. Once the failure is corrected, a resumption of the SIM procedures will automatically clear the alarm.		

Table 23-253 WmmLSS_swVersionMismatch

Alarm	Attributes	Applicable major releases
Name: WmmLSS_swVersionMismatch (4334) Type: mmeAlarm (77) Package: Itemme Raised on class: Itemme.MmeAlarmEntry	Severity: variable Implicitly cleared: true Default probable cause: mmeUnspecifiedReason (607)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 7.1.0 • 8.0.0 • 8.1.0
Description: The software version running on this service member does not match the version that should be running according to the database table IPCFG_POOL_MEMBERS, field build_sec.		
Remedial action: On the MI, run the remVersCheck command. It should show that for this service member, build_sec disagrees between the database and the running binary. Check whether either of them agrees with the service zip file. If the database and zip agree, initialize the service member. Otherwise, contact Alcatel-Lucent Customer Support.		

Table 23-254 WmmLSS_taiFqdnError

Alarm	Attributes	Applicable major releases
Name: WmmLSS_taiFqdnError (4335) Type: mmeAlarm (77) Package: Itemme Raised on class: Itemme.MmeAlarmEntry	Severity: variable Implicitly cleared: false Default probable cause: mmeUnspecifiedReason (607)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 7.1.0 • 8.0.0 • 8.1.0
Description: MME DNS Selection unable to retrieve SGW IP Address associated with FQDN. this alarm must be manually cleared.		
Remedial action: Verify that the FQDN is provisioned correctly in DNS server. Manually clear the alarm.		

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Table 23-255 WmmLSS_tftpDownloadCorrupt

Alarm	Attributes	Applicable major releases
Name: WmmLSS_tftpDownloadCorrupt (4336) Type: mmeAlarm (77) Package: Itemme Raised on class: Itemme.MmeAlarmEntry	Severity: variable Implicitly cleared: true Default probable cause: mmeUnspecifiedReason (607)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 7.1.0 • 8.0.0 • 8.1.0
Description: This alarm can be fired due to two different problems. Alarm information is given specific sub-section below.		
Remedial action: If the Additional Info field looks like TftpOpen() Failure Ret(hexadecimal error number), IOR et(hexadecimal error number), File(service application zip file name and path), IP(hexadecimal version of the CNFG host IP) continue on to step 2. Otherwise, go to step 3. Check the file name and path on the indicated CNFG host and ensure that is readable by all. If not performing SU or Path, recover file from mate CNFG host. reboot the host issuing the alarm If the alarm persists. Contact the Alcatel-Lucent Customer Support		

Table 23-256 WmmLSS_threadsExhausted

Alarm	Attributes	Applicable major releases
Name: WmmLSS_threadsExhausted (5111) Type: mmeAlarm (77) Package: Itemme Raised on class: Itemme.MmeAlarmEntry	Severity: variable Implicitly cleared: true Default probable cause: mmeUnspecifiedReason (607)	<ul style="list-style-type: none"> • 7.1.0 • 8.0.0 • 8.1.0
Description: One or more critical CP Tasks have been un-responsive to regular Integrity Monitor - IMON Heartbeats. IMON attempted to restart them and multiple restarts have escalated to a Process Init on the Standby Card or a Switch Over to the Standby Card from the Active Card where the target stuck task was running.		
Remedial action: NOT APPLICABLE		

Table 23-257 WmmLSS_upgrade

Alarm	Attributes	Applicable major releases
Name: WmmLSS_upgrade (4337) Type: mmeAlarm (77) Package: Itemme Raised on class: Itemme.MmeAlarmEntry	Severity: variable Implicitly cleared: true Default probable cause: mmeUnspecifiedReason (607)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 7.1.0 • 8.0.0 • 8.1.0
Description: When performing Software Upgrade (SU) related activities (which includes bkupSys and SIM upgrade procedure), failures that occur will result in generation of SU alarm.		
Remedial action: Based on the type of failure encountered, recovery actions may vary. If the SU alarm is generated, contact Alcatel-Lucent Customer Support. Once the failure is corrected, a resume of the SIM procedures will automatically clear the alarm. For bkupSys, once the failure is corrected re-executing bkupSys will automatically clear the alarm.		

Table 23-258 WmmLSS_virtualClusterDown

Alarm	Attributes	Applicable major releases
Name: WmmLSS_virtualClusterDown (4338) Type: mmeAlarm (77) Package: Itemme Raised on class: Itemme.MmeAlarmEntry	Severity: variable Implicitly cleared: true Default probable cause: mmeUnspecifiedReason (607)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 7.1.0 • 8.0.0 • 8.1.0
Description: A Virtual Cluster spanning a pair of Service Hosts abnormally transitioned to an out-of-service state. (Note, a Virtual Cluster is a logical grouping of a pair of Software Components. Each Software Component executes on a separate Service Host and typically runs Active and Standby.)		
Remedial action: If this alarm persists, contact Alcatel-Lucent Customer Support.		

Table 23-259 WmmRALARM_Loop

Alarm	Attributes	Applicable major releases
Name: WmmRALARM_Loop (4339) Type: mmeAlarm (77) Package: Itemme Raised on class: Itemme.MmeAlarmEntry	Severity: variable Implicitly cleared: true Default probable cause: mmeUnspecifiedReason (607)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 7.1.0 • 8.0.0 • 8.1.0
Description: This alarm is RALARM_Loop as raised by the MME system		
Remedial action: loop 1 - Verify/replace circuit breakers/fuses. loop 2 - Depends on what device (e.g. temperature sensor) is connected to the external input. loops unavailable - contact Alcatel-Lucent Customer Support. If the problem persists, contact Alcatel-Lucent Customer Support.		

Table 23-260 WmmRALARM_Power

Alarm	Attributes	Applicable major releases
Name: WmmRALARM_Power (4340) Type: mmeAlarm (77) Package: Itemme Raised on class: Itemme.MmeAlarmEntry	Severity: variable Implicitly cleared: true Default probable cause: mmeUnspecifiedReason (607)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 7.1.0 • 8.0.0 • 8.1.0
Description: This alarm indicates a problem with the -48V, A feed or B feed, power to the Power Distribution Unit.		
Remedial action: Check the Power Distribution Units LEDs, circuit breakers, fuses, and power feeds. Replace the faulty alarm card, circuit breakers, fuses, or power feeds. If the problem persists, contact Alcatel-Lucent Customer Support.		

Table 23-261 WmmSYS_BackupFailure

Alarm	Attributes	Applicable major releases
Name: WmmSYS_BackupFailure (4341) Type: mmeAlarm (77) Package: Itemme Raised on class: Itemme.MmeAlarmEntry	Severity: variable Implicitly cleared: true Default probable cause: mmeUnspecifiedReason (607)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 7.1.0 • 8.0.0 • 8.1.0
Description: The backup of an SNE has failed. On the next successful backup, this alarm will clear.		
Remedial action: If the additionalText of the alarm states 'Fail to get AccessKey for ESCHost/LNG application...', you need to set up userid/password on corresponding esc/Ing in 'Configuration Management' --> 'Backup Management' --> 'Login Administration' panel on MI GUI first. Attempt another backup. If the problem persists, contact Alcatel-Lucent Customer Support.		

Table 23-262 WmmSYS_Configuration

Alarm	Attributes	Applicable major releases
Name: WmmSYS_Configuration (4344) Type: mmeAlarm (77) Package: Itemme Raised on class: Itemme.MmeAlarmEntry	Severity: variable Implicitly cleared: true Default probable cause: mmeUnspecifiedReason (607)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 7.1.0 • 8.0.0 • 8.1.0
Description: A possible configuration problem has been detected on the MI.		
Remedial action: If the specificProblem is MissingScheduledBackups: Run mi_audit -a sched_backups on the active MI to get a list of the devices that do not have a scheduled backup. For those devices, schedule a backup job using the MI GUI, Configuration Management->Backup Management->Scheduling Run mi_audit -a sched_backups on the active MI to clear the alarm once all required backups are scheduled. If the specificProblem is PMDisabled: Run PMcontrol --master start on the active MI to enable PM collection This will enable PM collection on the MI and automatically clear this alarm. If the specificProblem is NTPServerNotConfigured: Configure at least one NTP server. For ATCA, to add and configure an NTP server, refer to the section 'To add or delete remote NTP servers IP addresses' in the Alcatel-Lucent 5400 Linux Control Platform Configuration Management, 270-702-014 and 'To setup secure NTP configuration' in the Alcatel-Lucent 5400 Linux Control Platform Security Management, 270-702-015. For CPSB, to add and configure an NTP server, refer to the section 'To add or delete NTP server IP address' and 'Setup secure NTP configuration' in the Alcatel-Lucent Control Platform 1800 Operations, Administration, Maintenance and Provisioning, 270-900-872. Run mi_audit -a ntp on the active MI to clear the alarm. If the specificProblem is NTPServerNotReachable: Run ntpconf_admin --action show_server to see the configured NTP server IP address(es). Resolve the connectivity problem to the intended NTP server. The NTP server should be pingable from the MI. Run mi_audit -a ntp on the active MI to clear the alarm. If the specificProblem is MaintModeEnabled: This alarm will be raised when the MI is placed into maintenance mode for any maintenance activity using the mi_maint on cmd. It will be cleared when taken out of maintenance mode, using the mi_maint off cmd. If for some reason the alarm is not cleared and the maintenance flag is off (verify with mi_maint status cmd), run mi_audit -a maint_mode on the active MI to clear the alarm.		

Table 23-263 WmmSYS_CPM_USERDATA_INCONSITENCY

Alarm	Attributes	Applicable major releases
Name: WmmSYS_CPM_USERDATA_INCONSITENCY (4342) Type: mmeAlarm (77) Package: Itemme Raised on class: Itemme.MmeAlarmEntry	Severity: variable Implicitly cleared: false Default probable cause: mmeUnspecifiedReason (607)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 7.1.0 • 8.0.0 • 8.1.0
Description: A possible CPM user data inconsistency problem has been detected on the MI.		
Remedial action: Login to active MI as root execute 'mividstat -a' Make sure CPM is enabled and Connection Health Check is Yes. If not, please refer to CDOC 270-702-015 section 'CPM and RBAC' to enable CPM. If CPM status is OK and there is such alarm. Please contact Alcatel-Lucent Customer Support for further support. Once the issue is resolved, this alarm should be cleared manually from the MI GUI.		

Table 23-264 WmmSYS_CPM_USERDATA_RESTORED

Alarm	Attributes	Applicable major releases
Name: WmmSYS_CPM_USERDATA_RESTORED (4343) Type: mmeAlarm (77) Package: Itemme Raised on class: Itemme.MmeAlarmEntry	Severity: variable Implicitly cleared: false Default probable cause: mmeUnspecifiedReason (607)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 7.1.0 • 8.0.0 • 8.1.0
Description: CPM audit restore user's data after it finds issue.		
Remedial action: Login to active MI as root execute 'mividstat -a' Make sure CPM is enabled and Connection Health Check is Yes. If not, please refer to CDOC 270-702-015 section 'CPM and RBAC' to enable CPM. If CPM status is OK and there is such alarm. Please contact Alcatel-Lucent Customer Support for further support. Once the issue is resolved, this alarm should be cleared manually from the MI GUI.		

Table 23-265 WmmSYS_EventQueueCapacity

Alarm	Attributes	Applicable major releases
Name: WmmSYS_EventQueueCapacity (4345) Type: mmeAlarm (77) Package: Itemme Raised on class: Itemme.MmeAlarmEntry	Severity: variable Implicitly cleared: true Default probable cause: mmeUnspecifiedReason (607)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 7.1.0 • 8.0.0 • 8.1.0
Description: The MI event queue is nearing or has exceeded it's capacity.		
Remedial action: If the problem persists, contact Alcatel-Lucent Customer Support.		

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Table 23-266 WmmSYS_ICMPFailure

Alarm	Attributes	Applicable major releases
Name: WmmSYS_ICMPFailure (4346) Type: mmeAlarm (77) Package: Itemme Raised on class: Itemme.MmeAlarmEntry	Severity: variable Implicitly cleared: true Default probable cause: mmeUnspecifiedReason (607)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 7.1.0 • 8.0.0 • 8.1.0
Description: The MI was unable to communicate to a host via its IP interface.		
Remedial action: Verify that the ethernet cable is connected and in working order. Verify that the routers/switches are configured correctly. If the problem persists over several polling cycles, contact Alcatel-Lucent Customer Support.		

Table 23-267 WmmSYS_IPsecConfig

Alarm	Attributes	Applicable major releases
Name: WmmSYS_IPsecConfig (4347) Type: mmeAlarm (77) Package: Itemme Raised on class: Itemme.MmeAlarmEntry	Severity: variable Implicitly cleared: true Default probable cause: mmeUnspecifiedReason (607)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 7.1.0 • 8.0.0 • 8.1.0
Description: Missing or obsolete SNMP Trap subnets found in the IPsec configuration file on the MI-Agent.		
Remedial action: A change to the IPsec configuration is needed. Please refer to the procedure described in the section titled 'To configure IPsec SNMP trap entries' in the 'Alcatel-Lucent 5400 Linux Control Platform, Security Management' guide for the ATCA platform, or in the 'Alcatel-Lucent Control Platform 1800 OAMP' guide for the CPSB platform.		

Table 23-268 WmmSYS_LinkDown

Alarm	Attributes	Applicable major releases
Name: WmmSYS_LinkDown (4348) Type: mmeAlarm (77) Package: Itemme Raised on class: Itemme.MmeAlarmEntry	Severity: variable Implicitly cleared: true Default probable cause: mmeUnspecifiedReason (607)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 7.1.0 • 8.0.0 • 8.1.0
Description: A linkDown alarm signifies that the operational status for one of the communication links is about to enter the down state. The name/index of the interface is identified in the specificProblem of the alarm.		
Remedial action: Verify the cabling. Verify the far-end of the link.		

Table 23-269 WmmSYS_NotifyDisabled

Alarm	Attributes	Applicable major releases
Name: WmmSYS_NotifyDisabled (4349) Type: mmeAlarm (77) Package: Itemme Raised on class: Itemme.MmeAlarmEntry	Severity: variable Implicitly cleared: false Default probable cause: mmeUnspecifiedReason (607)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 7.1.0 • 8.0.0 • 8.1.0
<p>Description: This alarm occurs when a user login is temporarily disabled, yet the user during this period attempts to login with the correct userid and password. User Intervention by a Security Administrator is not required when an user is temporarily disabled as long as no more logins are attempted within fifteen minutes interval. If a user becomes locked then an additional alarm (SYS_NotifyLocked) will be generated thus Security Administrator intervention will be required.</p>		
<p>Remedial action: Contact the user of this userid to determine if they are aware of these attempts to log on to the system using this userid. Determine whether any security violations occurred and report accordingly. Manually clear this alarm from the MI Alarm Browser.</p>		

Table 23-270 WmmSYS_NotifyLocked

Alarm	Attributes	Applicable major releases
Name: WmmSYS_NotifyLocked (4350) Type: mmeAlarm (77) Package: Itemme Raised on class: Itemme.MmeAlarmEntry	Severity: variable Implicitly cleared: false Default probable cause: mmeUnspecifiedReason (607)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 7.1.0 • 8.0.0 • 8.1.0
<p>Description: This alarm occurs when a user is locked out from being able to Log in due to repeated consecutive login failures. User Intervention by a Security Administrator is required to unlock the account.</p>		
<p>Remedial action: Contact the user of this userid to determine if they are aware of these attempts to log on to the system using this userid. Determine whether any security violations occurred and report accordingly Log onto NavisID GUI and unlock this user's account if appropriate. Manually clear this alarm from the MI Alarm Browser.</p>		

Table 23-271 WmmSYS_RADIUS_TO_LDAP_FAILURE

Alarm	Attributes	Applicable major releases
Name: WmmSYS_RADIUS_TO_LDAP_FAILURE (4351) Type: mmeAlarm (77) Package: Itemme Raised on class: Itemme.MmeAlarmEntry	Severity: variable Implicitly cleared: true Default probable cause: mmeUnspecifiedReason (607)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 7.1.0 • 8.0.0 • 8.1.0
<p>Description: This alarm occurs when RADIUS fails to connect to LDAP during user authentication attempt</p>		
<p>Remedial action: This Alarm clears automatically when the fault condition is no longer present. Log in to active MI (ATCA) as root execute 'mividstat -a' Make sure that Radius/LDAP Connection Health Check is Yes Check the /var/log/auth.log for detailed information. You may also use the Security and Audit Trail Log Viewer on the MI-agent GUI to view this log.</p>		

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Table 23-272 WmmSYS_ROOT_ACCESS_DENIED

Alarm	Attributes	Applicable major releases
Name: WmmSYS_ROOT_ACCESS_DENIED (4352) Type: mmeAlarm (77) Package: Itemme Raised on class: Itemme.MmeAlarmEntry	Severity: variable Implicitly cleared: false Default probable cause: mmeUnspecifiedReason (607)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 7.1.0 • 8.0.0 • 8.1.0
Description: This alarm occurs when a user makes three attempts within a 30 minute period to log onto the LCP hosts as root user id from a restricted domain. This alarm must be manually cleared		
Remedial action: This Alarm should be cleared manually. Need to find out where the user is trying to log in from to further verify whether this is a legitimate user. Check the /var/log/auth.log for detailed information. You may also use the Security and Audit Trail Log Viewer on the MI-agent GUI to view this log.		

Table 23-273 WmmSYS_ROOT_FTP_VIOLATION

Alarm	Attributes	Applicable major releases
Name: WmmSYS_ROOT_FTP_VIOLATION (4353) Type: mmeAlarm (77) Package: Itemme Raised on class: Itemme.MmeAlarmEntry	Severity: variable Implicitly cleared: false Default probable cause: mmeUnspecifiedReason (607)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 7.1.0 • 8.0.0 • 8.1.0
Description: This alarm occurs when an user try to login the system three times as root with wrong password in less 30 seconds. This alarm must be manually cleared.		
Remedial action: Need to find out where is the user attempted to log in. Check the /var/log/auth.log for detailed information.		

Table 23-274 WmmSYS_ROOT_LOGIN_VIOLATION

Alarm	Attributes	Applicable major releases
Name: WmmSYS_ROOT_LOGIN_VIOLATION (4354) Type: mmeAlarm (77) Package: Itemme Raised on class: Itemme.MmeAlarmEntry	Severity: variable Implicitly cleared: false Default probable cause: mmeUnspecifiedReason (607)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 7.1.0 • 8.0.0 • 8.1.0
Description: This alarm occurs when an user try to login the system three times as root with wrong password in less 30 seconds. This alarm must be manually cleared.		
Remedial action: Need to find out where is the user attempted to log in. Check the /var/log/auth.log for detailed information.		

Table 23-275 WmmSYS_ROOT_SSH_LOGIN_VIOLATION

Alarm	Attributes	Applicable major releases
Name: WmmSYS_ROOT_SSH_LOGIN_VIOLATION (4355) Type: mmeAlarm (77) Package: Itemme Raised on class: Itemme.MmeAlarmEntry	Severity: variable Implicitly cleared: false Default probable cause: mmeUnspecifiedReason (607)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 7.1.0 • 8.0.0 • 8.1.0
Description: This alarm occurs when a user unsuccessfully attempts to ssh as root user onto the LCP host three times within 30 minutes. NOTE: If Disable Root SSH External Access feature is enabled, any external ssh as root attempt to the LCP host will be rejected and treated as a login failure. This alarm must be manually cleared.		
Remedial action: Need to check the /var/log/auth.log to identify the IP of the originating ssh request and attempt to identify the user attempting access the LCP host as root userid. Check the /var/log/auth.log for detailed information. The alarm must be manually cleared on the MI GUI.		

Table 23-276 WmmSYS_SetupAAAFailure

Alarm	Attributes	Applicable major releases
Name: WmmSYS_SetupAAAFailure (4361) Type: mmeAlarm (77) Package: Itemme Raised on class: Itemme.MmeAlarmEntry	Severity: variable Implicitly cleared: false Default probable cause: mmeUnspecifiedReason (607)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 7.1.0 • 8.0.0 • 8.1.0
Description: A possible CPM configuration problem has been detected on the MI.		
Remedial action: Login to active MI as root execute 'mividstat -a' Make sure CPM is enabled and Connection Health Check is Yes. If not, please refer to CDOC 270-702-015 section 'CPM and RBAC' to enable CPM. Check all the diskful and diskless blades are in service. Please contact Alcatel-Lucent Customer Support for further support. Once the issue is resolved, this alarm should be cleared manually from the MI GUI.		

Table 23-277 WmmSYS_SNETrapOverload

Alarm	Attributes	Applicable major releases
Name: WmmSYS_SNETrapOverload (4356) Type: mmeAlarm (77) Package: Itemme Raised on class: Itemme.MmeAlarmEntry	Severity: variable Implicitly cleared: true Default probable cause: mmeUnspecifiedReason (607)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 7.1.0 • 8.0.0 • 8.1.0
Description: The SNMP trap rate threshold for a particular SNE to the MI-Agent has been exceeded.		
Remedial action: Verify the sanity of the SNE to determine what is causing it to send excessive SNMP traps to the MI-Agent. As the cause for excessive traps can vary by instance, use standard fault detection techniques such as viewing alarms and/or network events at the MI-Agent, visual inspection of the SNE for external alarms and/or loose cables, and running diagnostic test to assist in determining the cause.		

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Table 23-278 WmmSYS_SNMPAuthenticationFailure

Alarm	Attributes	Applicable major releases
Name: WmmSYS_SNMPAuthenticationFailure (4357) Type: mmeAlarm (77) Package: Itemme Raised on class: Itemme.MmeAlarmEntry	Severity: variable Implicitly cleared: true Default probable cause: mmeUnspecifiedReason (607)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 7.1.0 • 8.0.0 • 8.1.0
Description: Signifies that an SNE managed by the MI is the addressee of an improperly authenticated network protocol message. SNMP community name and client authentication failures cause the Element Manager to generate this trap.		
Remedial action: Verify that the individual trying to access the system is a legitimate user, and that the SNMP community strings are set correctly. This alarm may be disabled by turning off the SNMP authentication traps on the SNE (providing the SNE supports this capability).		

Table 23-279 WmmSYS_SNMPFailure

Alarm	Attributes	Applicable major releases
Name: WmmSYS_SNMPFailure (4358) Type: mmeAlarm (77) Package: Itemme Raised on class: Itemme.MmeAlarmEntry	Severity: variable Implicitly cleared: true Default probable cause: mmeUnspecifiedReason (607)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 7.1.0 • 8.0.0 • 8.1.0
Description: The MI was unable to communicate to a host via its SNMP interface.		
Remedial action: Verify that the ethernet cable is connected and in working order. Verify that the SNE may be ICMP-pinged over the same interface to determine whether it is an SNMP problem or a more general IP problem. If the problem is an IP problem, verify that the routers/switches are configured correctly. If the problem is only an SNMP problem and persists over several polling cycles, contact Alcatel-Lucent Customer Support.		

Table 23-280 WmmSYS_SU_TO_ROOT_FAILURE

Alarm	Attributes	Applicable major releases
Name: WmmSYS_SU_TO_ROOT_FAILURE (4359) Type: mmeAlarm (77) Package: Itemme Raised on class: Itemme.MmeAlarmEntry	Severity: variable Implicitly cleared: false Default probable cause: mmeUnspecifiedReason (607)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 7.1.0 • 8.0.0 • 8.1.0
Description: This alarm occurs when a user makes three failed attempts within a 30 minute period to su to become root user. This alarm will occur if you entered the wrong password for root three times during the 30 minute interval when attempting to su to root user.		
Remedial action: This Alarm should be cleared manually. Need to find out where the user is trying to log in from to further verify whether this is a legitimate user. Need to check the user's CLI shell history to investigate for possible suspicious activity. Check the /var/log/auth.log for detailed access information. Check the /var/log/bash.log to investigate the user's cli activity. You may also use the Security and Audit Trail Log Viewer on the MI-agent GUI to view these logs.		

Table 23-281 WmmSYS_SYSTEMTrapOverload

Alarm	Attributes	Applicable major releases
Name: WmmSYS_SYSTEMTrapOverload (4360) Type: mmeAlarm (77) Package: Itemme Raised on class: Itemme.MmeAlarmEntry	Severity: variable Implicitly cleared: true Default probable cause: mmeUnspecifiedReason (607)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 7.1.0 • 8.0.0 • 8.1.0
Description: The SNMP trap rate threshold for a collection of SNEs to the MI-Agent has been exceeded.		
Remedial action: Verify the sanity of all SNEs in the system to determine which ones are sending excessive SNMP traps to the MI-Agent. As the cause for excessive traps can vary by instance, use standard fault detection techniques such as viewing alarms and/or network events at the MI-Agent, visual inspection of the SNE for external alarms and/or loose cables, and running diagnostic test to assist in determining the cause.		

Table 23-282 WmmSYS_TestAlarm

Alarm	Attributes	Applicable major releases
Name: WmmSYS_TestAlarm (4362) Type: mmeAlarm (77) Package: Itemme Raised on class: Itemme.MmeAlarmEntry	Severity: variable Implicitly cleared: false Default probable cause: mmeUnspecifiedReason (607)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 7.1.0 • 8.0.0 • 8.1.0
Description: This alarm is for testing only. There is no problem being reported. It is used to test the alarm handling functionality on the MI, from creation of an alarm on the MI to forwarding out through the MI's northbound interface. This alarm should be manually cleared when testing is completed.		
Remedial action: There is no recovery needed, as this is just a test alarm. The alarm can be cleared manually on the MI GUI, or by running mi_testalarm -s Clear on the active MI.		

Table 23-283 WmmSYS_ThresholdCrossed

Alarm	Attributes	Applicable major releases
Name: WmmSYS_ThresholdCrossed (4363) Type: mmeAlarm (77) Package: Itemme Raised on class: Itemme.MmeAlarmEntry	Severity: variable Implicitly cleared: true Default probable cause: mmeUnspecifiedReason (607)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 7.1.0 • 8.0.0 • 8.1.0
Description: The measurement data is not meeting the specified performance thresholds and the measurement data has reported errors that may indicate loss or degradation of functionality or capacity.		
Remedial action: Pay attention to the measurement data for which the alarm is reported. Study the state of the system to decide on a course of action.		

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Table 23-284 WmmSYS_UndiscoveredObject

Alarm	Attributes	Applicable major releases
Name: WmmSYS_UndiscoveredObject (4364) Type: mmeAlarm (77) Package: Itemme Raised on class: Itemme.MmeAlarmEntry	Severity: variable Implicitly cleared: true Default probable cause: mmeUnspecifiedReason (607)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 7.1.0 • 8.0.0 • 8.1.0
Description: One or more undiscovered objects have been detected on the MI.		
Remedial action: On the MI GUI, run Tools->Global Discovery. If this does not clear the alarm, run the following command on the active MI host: If specificProblem is MissingSNE: <ip address>: mi_audit -a disc_sne If specificProblem is MissingHardware: mi_audit -a disc_hw If specificProblem is MissingServices: mi_audit -a disc_services If specificProblem is MissingHosts: mi_audit -a disc_hosts Contact Alcatel-Lucent Customer Support with the alarm details and the output of the mi_audit cmd.		

Table 23-285 WmmSYS_WriteAAAFailure

Alarm	Attributes	Applicable major releases
Name: WmmSYS_WriteAAAFailure (4365) Type: mmeAlarm (77) Package: Itemme Raised on class: Itemme.MmeAlarmEntry	Severity: variable Implicitly cleared: false Default probable cause: mmeUnspecifiedReason (607)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 7.1.0 • 8.0.0 • 8.1.0
Description: CPM tools failed to create scripts that are used for pump data into blades.		
Remedial action: Login to active MI (ATCA) as root execute 'midvstat -a' Make sure CPM is enabled and Connection Health Check is Yes. If not, please refer to CDOC 270-702-015 section 'CPM and RBAC' to enable CPM. Check all the diskful and diskless blades are in service. Check existence and permission(Owner:root, permission:755) for the directory /var/opt/lib/cpm/fg on active MI. Please contact Alcatel-Lucent Customer Support for further support. Once the issue is resolved, this alarm should be cleared manually from the MI GUI.		

Table 23-286 WmmUnknownAlarm

Alarm	Attributes	Applicable major releases
Name: WmmUnknownAlarm (4366) Type: mmeAlarm (77) Package: Itemme Raised on class: Itemme.MmeAlarmEntry	Severity: variable Implicitly cleared: false Default probable cause: alarmIndicationSignal (96)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 7.1.0 • 8.0.0 • 8.1.0
Description: The alarm is raised when an unknown alarm is received from the WMM system.		
Remedial action: Obtain the native WMM alarm name from the additional text field. Open the 9471 WMM MI GUI and locate the corresponding WMM alarm. Refer to the Fault Clearance Procedure in the help documentation for the alarm.		

Table 23-287 WmmUnknownCommunicationsAlarm

Alarm	Attributes	Applicable major releases
Name: WmmUnknownCommunicationsAlarm (4367) Type: communicationsAlarm (4) Package: Itemme Raised on class: Itemme.MmeAlarmEntry	Severity: variable Implicitly cleared: false Default probable cause: UnspecifiedReason (803)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 7.1.0 • 8.0.0 • 8.1.0
Description: The alarm is raised when an unknown communications alarm is received from the WMM system.		
Remedial action: Obtain the native WMM alarm name from the additional text field. Open the 9471 WMM MI GUI and locate the corresponding WMM alarm. Refer to the Fault Clearance Procedure in the help documentation for the alarm.		

Table 23-288 WmmUnknownEnvironmentalAlarm

Alarm	Attributes	Applicable major releases
Name: WmmUnknownEnvironmentalAlarm (4368) Type: environmentalAlarm (2) Package: Itemme Raised on class: Itemme.MmeAlarmEntry	Severity: variable Implicitly cleared: false Default probable cause: unspecifiedReason (802)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 7.1.0 • 8.0.0 • 8.1.0
Description: The alarm is raised when an unknown environmental alarm is received from the WMM system.		
Remedial action: Obtain the native WMM alarm name from the additional text field. Open the 9471 WMM MI GUI and locate the corresponding WMM alarm. Refer to the Fault Clearance Procedure in the help documentation for the alarm.		

Table 23-289 WmmUnknownEquipmentAlarm

Alarm	Attributes	Applicable major releases
Name: WmmUnknownEquipmentAlarm (4369) Type: equipmentAlarm (3) Package: Itemme Raised on class: Itemme.MmeAlarmEntry	Severity: variable Implicitly cleared: false Default probable cause: unspecifiedReason (802)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 7.1.0 • 8.0.0 • 8.1.0
Description: The alarm is raised when an unknown equipment alarm is received from the WMM system.		
Remedial action: Obtain the native WMM alarm name from the additional text field. Open the 9471 WMM MI GUI and locate the corresponding WMM alarm. Refer to the Fault Clearance Procedure in the help documentation for the alarm.		

Table 23-290 WmmUnknownIntegrityViolationAlarm

Alarm	Attributes	Applicable major releases
Name: WmmUnknownIntegrityViolationAlarm (4370) Type: integrityViolationAlarm (78) Package: Itemme Raised on class: Itemme.MmeAlarmEntry	Severity: variable Implicitly cleared: false Default probable cause: unspecifiedReason (802)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 7.1.0 • 8.0.0 • 8.1.0
Description: The alarm is raised when an unknown integrity violation alarm is received from the WMM system.		
Remedial action: Obtain the native WMM alarm name from the additional text field. Open the 9471 WMM MI GUI and locate the corresponding WMM alarm. Refer to the Fault Clearance Procedure in the help documentation for the alarm.		

Table 23-291 WmmUnknownOperationalViolationAlarm

Alarm	Attributes	Applicable major releases
Name: WmmUnknownOperationalViolationAlarm (4371) Type: operationalViolationAlarm (79) Package: Itemme Raised on class: Itemme.MmeAlarmEntry	Severity: variable Implicitly cleared: false Default probable cause: unspecifiedReason (802)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 7.1.0 • 8.0.0 • 8.1.0
Description: The alarm is raised when an unknown operational alarm is received from the WMM system.		
Remedial action: Obtain the native WMM alarm name from the additional text field. Open the 9471 WMM MI GUI and locate the corresponding WMM alarm. Refer to the Fault Clearance Procedure in the help documentation for the alarm.		

Table 23-292 WmmUnknownPhysicalViolationAlarm

Alarm	Attributes	Applicable major releases
Name: WmmUnknownPhysicalViolationAlarm (4372) Type: physicalViolationAlarm (80) Package: Itemme Raised on class: Itemme.MmeAlarmEntry	Severity: variable Implicitly cleared: false Default probable cause: unspecifiedReason (802)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 7.1.0 • 8.0.0 • 8.1.0
Description: The alarm is raised when an unknown physical violation alarm is received from the WMM system.		
Remedial action: Obtain the native WMM alarm name from the additional text field. Open the 9471 WMM MI GUI and locate the corresponding WMM alarm. Refer to the Fault Clearance Procedure in the help documentation for the alarm.		

Table 23-293 WmmUnknownProcessingErrorAlarm

Alarm	Attributes	Applicable major releases
Name: WmmUnknownProcessingErrorAlarm (4373) Type: processingErrorAlarm (81) Package: Itemme Raised on class: Itemme.MmeAlarmEntry	Severity: variable Implicitly cleared: false Default probable cause: unspecifiedReason (802)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 7.1.0 • 8.0.0 • 8.1.0
Description: The alarm is raised when an unknown processing error alarm is received from the WMM system.		
Remedial action: Obtain the native WMM alarm name from the additional text field. Open the 9471 WMM MI GUI and locate the corresponding WMM alarm. Refer to the Fault Clearance Procedure in the help documentation for the alarm.		

Table 23-294 WmmUnknownQualityOfServiceAlarm

Alarm	Attributes	Applicable major releases
Name: WmmUnknownQualityOfServiceAlarm (4374) Type: qualityOfServiceAlarm (82) Package: Itemme Raised on class: Itemme.MmeAlarmEntry	Severity: variable Implicitly cleared: false Default probable cause: unspecifiedReason (802)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 7.1.0 • 8.0.0 • 8.1.0
Description: The alarm is raised when an unknown quality of service alarm is received from the WMM system.		
Remedial action: Obtain the native WMM alarm name from the additional text field. Open the 9471 WMM MI GUI and locate the corresponding WMM alarm. Refer to the Fault Clearance Procedure in the help documentation for the alarm.		

Table 23-295 WmmUnknownSecurityServiceOrMechanismViolationAlarm

Alarm	Attributes	Applicable major releases
Name: WmmUnknownSecurityServiceOrMechanismViolationAlarm (4375) Type: securityServiceOrMechanismViolationAlarm (83) Package: Itemme Raised on class: Itemme.MmeAlarmEntry	Severity: variable Implicitly cleared: false Default probable cause: unspecifiedReason (802)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 7.1.0 • 8.0.0 • 8.1.0
Description: The alarm is raised when an unknown mechanical violation alarm is received from the WMM system.		
Remedial action: Obtain the native WMM alarm name from the additional text field. Open the 9471 WMM MI GUI and locate the corresponding WMM alarm. Refer to the Fault Clearance Procedure in the help documentation for the alarm.		

Table 23-296 WmmUnknownTimeDomainViolationAlarm

Alarm	Attributes	Applicable major releases
Name: WmmUnknownTimeDomainViolationAlarm (4376) Type: timeDomainViolationAlarm (84) Package: Itemme Raised on class: Itemme.MmeAlarmEntry	Severity: variable Implicitly cleared: false Default probable cause: unspecifiedReason (802)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 7.1.0 • 8.0.0 • 8.1.0
Description: The alarm is raised when an unknown time domain violation alarm is received from the WMM system.		
Remedial action: Obtain the native WMM alarm name from the additional text field. Open the 9471 WMM MI GUI and locate the corresponding WMM alarm. Refer to the Fault Clearance Procedure in the help documentation for the alarm.		

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Note – Some alarms that the 5620 SAM can raise against this device may not be listed in this chapter. Associating alarms with specific NE types is an ongoing Alcatel-Lucent effort. If the 5620 SAM raises an alarm against this device type, and the alarm is not described in this chapter, see chapter 41 for information about the alarm.

Table 24-1 AccessInterfaceDown

Alarm	Attributes	Applicable major releases
Name: AccessInterfaceDown (249) Type: AccessInterfaceAlarm (32) Package: service Raised on class: service.AccessInterface	Severity: critical Implicitly cleared: true Default probable cause: interfaceDown (32)	<ul style="list-style-type: none"> • 3.2.0 • 3.3.0 • 3.4.0 • 4.0.0 • 4.1.0 • 4.2.0 • 5.0.0 • 5.1.0 • 5.2.0
Description: The alarm is raised when an L2 or L3 interface operational state is Down. The alarm is not raised against an L2 access interface that is associated with an MC ring or MC LAG in the standby state.		
Raising condition: (('Operational State' NOT EQUAL 'Up') AND ('State Cause' NOT EQUAL 'Standby For MC-Ring') AND ('State Cause' NOT EQUAL 'Standby For MC-Lag') AND ('State Cause' NOT EQUAL 'Standby For BGP Multi-homing'))		
Clearing condition: (('Operational State' EQUAL 'Up') OR ('State Cause' EQUAL 'Standby For MC-Ring') OR ('State Cause' EQUAL 'Standby For MC-Lag') OR ('State Cause' EQUAL 'Standby For BGP Multi-homing'))		
Remedial action: The condition exists because the physical interface is down either because it is administratively disabled, faulty or a cabling fault has occurred. Ensure that the interface is administratively up. Check for a poor cable connection to the port or for a faulty cable/fiber. If neither appears to be the problem run diagnostics on the port to determine if it is faulty.		

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Table 24-2 ActiveAbnormalCondition

Alarm	Attributes	Applicable major releases
Name: ActiveAbnormalCondition (3938) Type: activeAbnormalConditionAlarm (116) Package: netw Raised on class: netw.NetworkElement	Severity: major Implicitly cleared: true Default probable cause: ActiveAbnormalConditionState (1520)	<ul style="list-style-type: none"> • 3.2.0 • 3.3.0 • 3.4.0 • 4.0.0 • 4.1.0 • 4.2.0 • 5.0.0 • 5.1.0 • 5.2.0
Description: The alarm is an indication for abnormal condition on NE.		
Raising condition: ('abnormalCondition' EQUAL 'true')		
Clearing condition: ('abnormalCondition' EQUAL 'false')		
Remedial action: This alarm is raised when there is a abnormal state indication on NE.		

Table 24-3 AggregatedVFLPortDown

Alarm	Attributes	Applicable major releases
Name: AggregatedVFLPortDown (5436) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.Shelf	Severity: critical Implicitly cleared: true Default probable cause: connectivityIssue (2137)	<ul style="list-style-type: none"> • 3.2.0 • 3.3.0 • 3.4.0 • 4.0.0 • 4.1.0 • 4.2.0 • 5.0.0 • 5.1.0 • 5.2.0
Description: The alarm is generated when the aggregated virtual fabric link on the virtual chassis slot is down.		
Raising condition: (('Shelf Type' EQUAL '7850') AND ('Total Slots' EQUAL '4') AND ('Virtual Fabric Link State' NOT EQUAL 'Up'))		
Clearing condition: (('Shelf Type' EQUAL '7850') AND ('Total Slots' EQUAL '4') AND ('Virtual Fabric Link State' EQUAL 'Up'))		
Remedial action: The alarm is raised when the aggregated virtual fabric link on the virtual chassis is down. Please check the virtual fabric links for the virtual chassis setup.		

Table 24-4 AGWDiameterPeerDown

Alarm	Attributes	Applicable major releases
Name: AGWDiameterPeerDown (844) Type: EpcAlarm (59) Package: Ite Raised on class: Ite.AGWDiameterPeer	Severity: variable Implicitly cleared: true Default probable cause: EPSPeerDown (602)	<ul style="list-style-type: none"> • 3.2.0 • 3.3.0 • 3.4.0 • 4.0.0 • 4.1.0 • 4.2.0 • 5.0.0 • 5.1.0 • 5.2.0
Description: The alarm is raised when the path management state of a Diameter peer changes to a state other than Up.		
Raising condition: ('Path Diameter Management State' NOT EQUAL 'Active')		
Clearing condition: ('Path Diameter Management State' EQUAL 'Active')		
Remedial action: A Ga reference point (peer) is operationally down for one of the following reasons: the underlying IP or physical interface is down, the far end peer is down or the underlying transport between this NE and the peer NE is down. To resolve the issue ensure that the IP/physical interface is up, check that the far end peer is operational and check that the underlying transport network is up.		

Table 24-5 AreaTypeMismatch

Alarm	Attributes	Applicable major releases
Name: AreaTypeMismatch (38) Type: configurationAlarm (11) Package: ospf Raised on class: ospf.Area	Severity: warning Implicitly cleared: true Default probable cause: areaTypeMisconfigured (34)	<ul style="list-style-type: none"> • 3.2.0 • 3.3.0 • 3.4.0 • 4.0.0 • 4.1.0 • 4.2.0 • 5.0.0 • 5.1.0 • 5.2.0
Description: The alarm is raised when an OSPF area on one NE is configured as an NSSA and the same OSPF area on another NE is configured as a stub area.		
Raising condition: ('Type Mismatch' EQUAL 'true')		
Clearing condition: ('Type Mismatch' EQUAL 'false')		
Remedial action: A configuration error has been made which must be corrected. The OSPF area type configured for the NE does not match with the same OSPF area configured on another NE. Compare the configuration on the endpoint and correct the mismatch.		

Table 24-6 AuxiliaryServerStatus

Alarm	Attributes	Applicable major releases
Name: AuxiliaryServerStatus (311) Type: communicationsAlarm (4) Package: server Raised on class: server.AuxiliaryServer	Severity: critical Implicitly cleared: true Default probable cause: systemFailed (144)	<ul style="list-style-type: none"> • 3.2.0 • 3.3.0 • 3.4.0 • 4.0.0 • 4.1.0 • 4.2.0 • 5.0.0 • 5.1.0 • 5.2.0
Description: The alarm is raised when a 5620 SAM main server cannot communicate with an auxiliary server. The alarm clears when communication is restored.		
Raising condition: ('Server Status' EQUAL 'Down')		
Clearing condition: ('Server Status' EQUAL 'Up')		
Remedial action: Informational - if the alarm persists or is occurring frequently then investigation is required to understand why the connectivity between the AUX and SAM servers is unreliable.		

Table 24-7 BandwidthDegradeForProtectionSwitch

Alarm	Attributes	Applicable major releases
Name: BandwidthDegradeForProtectionSwitch (4414) Type: equipmentAlarm (3) Package: ethring Raised on class: ethring.Element	Severity: major Implicitly cleared: true Default probable cause: bandwidthDegradeERP (1580)	<ul style="list-style-type: none"> • 3.2.0 • 3.3.0 • 3.4.0 • 4.0.0 • 4.1.0 • 4.2.0 • 5.0.0 • 5.1.0 • 5.2.0
Description: The alarm is raised on Element instance for 9500 when there are two instance per Radio Component (topology) and when one of the instance is enabled.		
Remedial action: Operator has Unconfigure the protection on ERPS instance.		

Table 24-8 BerLineSignalDegradation

Alarm	Attributes	Applicable major releases
Name: BerLineSignalDegradation (88) Type: communicationsAlarm (4) Package: sonetequipment Raised on class: sonetequipment.SonetPortMonitorSpecifics	Severity: major Implicitly cleared: true Default probable cause: berLineSignalDegradation (74)	<ul style="list-style-type: none"> • 3.2.0 • 3.3.0 • 3.4.0 • 4.0.0 • 4.1.0 • 4.2.0 • 5.0.0 • 5.1.0 • 5.2.0
Description: The alarm is raised when a SONET port reports a line signal degradation BER error. The alarm corresponds to the lb2er-sd alarm on an NE.		
Raising condition: (('Outstanding Alarms'anyBit'BER Line Signal Degradation') AND ('Report Alarms'anyBit'BER Line Signal Degradation'))		
Clearing condition: NOT (('Outstanding Alarms'anyBit'BER Line Signal Degradation') AND ('Report Alarms'anyBit'BER Line Signal Degradation'))		
Remedial action: Informational only.		

Table 24-9 BerLineSignalFailure

Alarm	Attributes	Applicable major releases
Name: BerLineSignalFailure (89) Type: communicationsAlarm (4) Package: sonetequipment Raised on class: sonetequipment.SonetPortMonitorSpecifics	Severity: major Implicitly cleared: true Default probable cause: berLineSignalFailure (75)	<ul style="list-style-type: none"> • 3.2.0 • 3.3.0 • 3.4.0 • 4.0.0 • 4.1.0 • 4.2.0 • 5.0.0 • 5.1.0 • 5.2.0
Description: The alarm is raised when a SONET port reports a line signal degradation BER error. The alarm corresponds to the lb2er-sf alarm on an NE.		
Raising condition: (('Outstanding Alarms'anyBit'BER Line Signal Failure') AND ('Report Alarms'anyBit'BER Line Signal Failure'))		
Clearing condition: NOT (('Outstanding Alarms'anyBit'BER Line Signal Failure') AND ('Report Alarms'anyBit'BER Line Signal Failure'))		
Remedial action: Informational only.		

Table 24-10 BITS2NotQualified

Alarm	Attributes	Applicable major releases
Name: BITS2NotQualified (1941) Type: communicationsAlarm (4) Package: sonet Raised on class: sonet.SiteSync	Severity: minor Implicitly cleared: true Default probable cause: timingReferenceNotQualified (418)	<ul style="list-style-type: none"> • 3.2.0 • 3.3.0 • 3.4.0 • 4.0.0 • 4.1.0 • 4.2.0 • 5.0.0 • 5.1.0 • 5.2.0
Description: The alarm is raised when the BITS-2 timing reference on an NE is not in the Qualified state.		
Raising condition: (('Qualified For Use' EQUAL 'Not Qualified') AND ('Input Administrative State' NOT EQUAL 'Down'))		
Clearing condition: (('Qualified For Use' NOT EQUAL 'Not Qualified') OR ('Input Administrative State' EQUAL 'Down'))		
Remedial action: Make sure that BITS2 is qualified		

Table 24-11 BITSNotQualified

Alarm	Attributes	Applicable major releases
Name: BITSNotQualified (547) Type: communicationsAlarm (4) Package: sonet Raised on class: sonet.SiteSync	Severity: minor Implicitly cleared: true Default probable cause: timingReferenceNotQualified (418)	<ul style="list-style-type: none"> • 3.2.0 • 3.3.0 • 3.4.0 • 4.0.0 • 4.1.0 • 4.2.0 • 5.0.0 • 5.1.0 • 5.2.0
Description: The alarm is raised when the BITS timing reference on an NE is not in the Qualified state.		
Raising condition: (('Qualified For Use' EQUAL 'Not Qualified') AND ('Output Administrative State' NOT EQUAL 'Down'))		
Clearing condition: (('Qualified For Use' NOT EQUAL 'Not Qualified') OR ('Output Administrative State' EQUAL 'Down'))		
Remedial action: Make sure that BITS is qualified		

Table 24-12 BITSReferenceLossOfSignal

Alarm	Attributes	Applicable major releases
Name: BITSReferenceLossOfSignal (1950) Type: communicationsAlarm (4) Package: sonet Raised on class: sonet.SiteSync	Severity: minor Implicitly cleared: true Default probable cause: BITSReferenceLossOfSignal (938)	<ul style="list-style-type: none"> • 3.2.0 • 3.3.0 • 3.4.0 • 4.0.0 • 4.1.0 • 4.2.0 • 5.0.0 • 5.1.0 • 5.2.0
Description: The alarm is raised when the BITS reference on an NE is not qualified due to Loss of Signal.		
Raising condition: (('Not Qualified Due To'anyBit'LOS'))		
Clearing condition: NOT (('Not Qualified Due To'anyBit'LOS'))		
Remedial action: Make sure that peer connected to BITS is properly configured.		

Table 24-13 BITSReferenceOutOfFrequency

Alarm	Attributes	Applicable major releases
Name: BITSReferenceOutOfFrequency (1951) Type: communicationsAlarm (4) Package: sonet Raised on class: sonet.SiteSync	Severity: minor Implicitly cleared: true Default probable cause: BITSReferenceOutOfFrequency (939)	<ul style="list-style-type: none"> • 3.2.0 • 3.3.0 • 3.4.0 • 4.0.0 • 4.1.0 • 4.2.0 • 5.0.0 • 5.1.0 • 5.2.0
Description: The alarm is raised when the BITS Reference on an NE is not qualified due to Out of frequency.		
Raising condition: (('Not Qualified Due To'anyBit'OOF'))		
Clearing condition: NOT (('Not Qualified Due To'anyBit'OOF'))		
Remedial action: Make sure that frequency configured for BITS is correct.		

Table 24-14 BITSReferenceOutOfPollInRange

Alarm	Attributes	Applicable major releases
Name: BITSReferenceOutOfPollInRange (1952) Type: communicationsAlarm (4) Package: sonet Raised on class: sonet.SiteSync	Severity: minor Implicitly cleared: true Default probable cause: BITSReferenceOutOfPollInRange (940)	<ul style="list-style-type: none"> • 3.2.0 • 3.3.0 • 3.4.0 • 4.0.0 • 4.1.0 • 4.2.0 • 5.0.0 • 5.1.0 • 5.2.0
Description: The alarm is raised when the BITS Reference on an NE is not qualified state due to Out of poll in range.		
Raising condition: (('Not Qualified Due To'anyBit'OOPIR'))		
Clearing condition: NOT (('Not Qualified Due To'anyBit'OOPIR'))		
Remedial action: Check the BITS is configured correctly. Check the SONET port is configured correctly and that the physical layer cabling is operating correctly. Call customer support if necessary		

Table 24-15 BootableConfigBackupFailed

Alarm	Attributes	Applicable major releases
Name: BootableConfigBackupFailed (103) Type: configurationAlarm (11) Package: sw Raised on class: sw.BackupRestoreManager	Severity: major Implicitly cleared: true Default probable cause: fileTransferFailure (89)	<ul style="list-style-type: none"> • 3.2.0 • 3.3.0 • 3.4.0 • 4.0.0 • 4.1.0 • 4.2.0 • 5.0.0 • 5.1.0 • 5.2.0
Description: The alarm is raised when the 5620 SAM fails to back up a set of NE configuration files.		
Raising condition: ('Backup State' EQUAL 'Failure')		
Clearing condition: ('Backup State' EQUAL 'Success')		
Remedial action: Investigation is required to resolve the following possible scenarios: insufficient disk space is available to accommodate the NE configuration files (additional SAM platform alarms will accompany this alarm); the NE is unreachable (including underlying transport network issue); loss of connectivity to the NE during transfer; the FTP daemon on the NE may have stopped; FTP security credential issues.		

Table 24-16 BootableConfigRestoreFailed

Alarm	Attributes	Applicable major releases
Name: BootableConfigRestoreFailed (104) Type: configurationAlarm (11) Package: sw Raised on class: sw.BackupRestoreManager	Severity: major Implicitly cleared: true Default probable cause: fileTransferFailure (89)	<ul style="list-style-type: none"> • 3.2.0 • 3.3.0 • 3.4.0 • 4.0.0 • 4.1.0 • 4.2.0 • 5.0.0 • 5.1.0 • 5.2.0
Description: The alarm is raised when the 5620 SAM fails to restore a set of NE configuration files.		
Raising condition: ('Restore State' EQUAL 'Failure')		
Clearing condition: ('Restore State' EQUAL 'Success')		
Remedial action: Investigation is required to resolve the following possible scenarios: the NE is unreachable (including underlying transport network issue); loss of connectivity to the NE during transfer; the FTP daemon on the NE may have stopped; FTP security credential issues.		

Table 24-17 BootParametersMisconfigured

Alarm	Attributes	Applicable major releases
Name: BootParametersMisconfigured (35) Type: configurationAlarm (11) Package: netw Raised on class: netw.NetworkElement	Severity: critical Implicitly cleared: true Default probable cause: persistentIndexFailure (30) Applicable probable causes: <ul style="list-style-type: none"> • persistentIndexFailure • configFileBootFailure 	<ul style="list-style-type: none"> • 3.2.0 • 3.3.0 • 3.4.0 • 4.0.0 • 4.1.0 • 4.2.0 • 5.0.0 • 5.1.0 • 5.2.0
Description: The alarm is raised when the SNMP Index Boot Status on an NE is not set to Persistent.		
Raising condition: (('isGenericNode' EQUAL 'false') AND ('State' NOT EQUAL 'Pre-provisioned') AND (((('Config File Status' NOT EQUAL 'Executed Successfully') AND ('Config File Status' NOT EQUAL 'configFileStatus_unspecified')) OR (('Persistent Index Status' NOT EQUAL 'Rebuild Succeeded') AND ('Persistent Index Status' NOT EQUAL 'persistentIndexStatus_unspecified'))))		
Clearing condition: (('Config File Status' EQUAL 'Executed Successfully') AND ('Persistent Index Status' EQUAL 'Rebuild Succeeded'))		
Remedial action: Ensure that "SNMP Index Boot Status" is persistent (using cli command "show system information" on the NE). If not, unmanage the network element from SAM, ensure that "persist on" is set in the bof file, save the bof, save a config file, verify that an index file (.ndx) is saved as well, reboot the router, verify that SNMP Index Boot Status is persistent and finally remanage the router from SAM.		

Table 24-18 BundleDown

Alarm	Attributes	Applicable major releases
Name: BundleDown (152) Type: equipmentAlarm (3) Package: bundle Raised on class: bundle.Interface	Severity: critical Implicitly cleared: true Default probable cause: bundleDown (128)	<ul style="list-style-type: none"> • 3.2.0 • 3.3.0 • 3.4.0 • 4.0.0 • 4.1.0 • 4.2.0 • 5.0.0 • 5.1.0 • 5.2.0
Description: The alarm is raised when the bundle Administrative State is Up and the Operational State is Down.		
Raising condition: (('Protection Type' EQUAL 'None') AND ('Administrative State' EQUAL 'Up') AND ('operationalState' NOT EQUAL 'Up') AND ('specificCardType' NOT EQUAL '16 x E1 (ASAP)'))		
Clearing condition: (('Protection Type' NOT EQUAL 'None') OR ('operationalState' EQUAL 'Up') OR ('Administrative State' NOT EQUAL 'Up'))		
Remedial action: Informational - no corrective action required.		

Table 24-19 ClientDelegateServerStatus

Alarm	Attributes	Applicable major releases
Name: ClientDelegateServerStatus (731) Type: communicationsAlarm (4) Package: server Raised on class: server.ClientDelegateServer	Severity: critical Implicitly cleared: true Default probable cause: systemFailed (144)	<ul style="list-style-type: none"> • 3.2.0 • 3.3.0 • 3.4.0 • 4.0.0 • 4.1.0 • 4.2.0 • 5.0.0 • 5.1.0 • 5.2.0
Description: The alarm is raised when a client delegate server is unreachable.		
Raising condition: ('Server Status' EQUAL 'Down')		
Clearing condition: ('Server Status' EQUAL 'Up')		
Remedial action: Informational - if the alarm persists or is occurring frequently then investigation is required to understand why the connectivity between the client delegate platform and SAM servers is unreliable or the client delegate server itself is unreliable.		

Table 24-20 CombinerLossOfAlignment (equipment)

Alarm	Attributes	Applicable major releases
Name: CombinerLossOfAlignment (5604) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.Equipment	Severity: variable Implicitly cleared: true Default probable cause: CombinerLossOfAlignment (2359)	<ul style="list-style-type: none"> • 3.2.0 • 3.3.0 • 3.4.0 • 4.0.0 • 4.1.0 • 4.2.0 • 5.0.0 • 5.1.0 • 5.2.0
Description: The alarm is raised when there is no alignment between Main and Diversity signal.		
Remedial action: Please refer MPR documentation for Corrective actions.		

Table 24-21 CombinerLossOfAlignment (mpr)

Alarm	Attributes	Applicable major releases
Name: CombinerLossOfAlignment (5604) Type: equipmentAlarm (3) Package: mpr Raised on class: mpr.SubRackElements	Severity: variable Implicitly cleared: true Default probable cause: CombinerLossOfAlignment (2359)	<ul style="list-style-type: none"> • 3.2.0 • 3.3.0 • 3.4.0 • 4.0.0 • 4.1.0 • 4.2.0 • 5.0.0 • 5.1.0 • 5.2.0
Description: The alarm is raised when there is no alignment between Main and Diversity signal.		
Remedial action: Please refer MPR documentation for Corrective actions.		

Table 24-22 ContainingEquipmentAdministrativelyDown

Alarm	Attributes	Applicable major releases
Name: ContainingEquipmentAdministrativelyDown (466) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.Port	Severity: minor Implicitly cleared: true Default probable cause: containingEquipmentAdministrativelyDown (330)	<ul style="list-style-type: none"> • 3.2.0 • 3.3.0 • 3.4.0 • 4.0.0 • 4.1.0 • 4.2.0 • 5.0.0 • 5.1.0 • 5.2.0

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Alarm	Attributes	Applicable major releases
Description: The alarm is raised when the compositeEquipmentState attribute has a value of containingEquipmentAdministrativelyDown.		
Raising condition: (('Status' EQUAL 'Parent Admin Down') AND ('isTerminatable' EQUAL 'true'))		
Clearing condition: (('Status' NOT EQUAL 'Parent Admin Down') OR ('isTerminatable' NOT EQUAL 'true'))		
Remedial action: Informational - no corrective action required.		

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Table 24-23 ContainingEquipmentMismatch

Alarm	Attributes	Applicable major releases
Name: ContainingEquipmentMismatch (464) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.Port	Severity: major Implicitly cleared: true Default probable cause: containingEquipmentMismatch (328)	<ul style="list-style-type: none"> • 3.2.0 • 3.3.0 • 3.4.0 • 4.0.0 • 4.1.0 • 4.2.0 • 5.0.0 • 5.1.0 • 5.2.0
Description: The alarm is raised when the compositeEquipmentState attribute has a value of containingEquipmentMismatch.		
Raising condition: (('Status' EQUAL 'Parent Type Mismatch') AND ('isTerminatable' EQUAL 'true'))		
Clearing condition: (('Status' NOT EQUAL 'Parent Type Mismatch') OR ('isTerminatable' NOT EQUAL 'true'))		
Remedial action: A configuration error has occurred which must be corrected. The card type configured for the slot identified in the alarm must match the installed card type.		

Table 24-24 ContainingEquipmentOperationallyDown

Alarm	Attributes	Applicable major releases
Name: ContainingEquipmentOperationallyDown (465) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.Port	Severity: major Implicitly cleared: true Default probable cause: containingEquipmentDown (329)	<ul style="list-style-type: none"> • 3.2.0 • 3.3.0 • 3.4.0 • 4.0.0 • 4.1.0 • 4.2.0 • 5.0.0 • 5.1.0 • 5.2.0
Description: The alarm is raised when the compositeEquipmentState attribute has a value of containingEquipmentOperationallyDown.		
Raising condition: (('Status' EQUAL 'Parent Oper Down') AND ('isTerminatable' EQUAL 'true'))		
Clearing condition: (('Status' NOT EQUAL 'Parent Oper Down') OR ('isTerminatable' NOT EQUAL 'true'))		

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Alarm	Attributes	Applicable major releases
Remedial action: The operational state of the equipment element indicated in the alarm is down. This may be due to the element's administrative state or it may indicate that the element has failed.		

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Table 24-25 CorruptImageFile

Alarm	Attributes	Applicable major releases
Name: CorruptImageFile (171) Type: configurationAlarm (11) Package: mediation Raised on class: mediation.AbstractSoftwareFolderDescriptor	Severity: critical Implicitly cleared: true Default probable cause: invalidOrCorruptImageFile (134)	<ul style="list-style-type: none"> • 3.2.0 • 3.3.0 • 3.4.0 • 4.0.0 • 4.1.0 • 4.2.0 • 5.0.0 • 5.1.0 • 5.2.0
Description: The alarm is raised when one or more files in the 5620 SAM software image specified for a device software upgrade is invalid, corrupt or absent. The 5620 SAM validates a device software file set before it imports the file set and distributes it to an NE. Ensure that the file set downloads properly to the NE and is not tampered with before you re-attempt the upgrade. The alarm clears when a valid file set is on the NE and the 5620 SAM activates the software image in the file set.		
Raising condition: ('isImageValid' EQUAL 'false')		
Clearing condition: ('isImageValid' EQUAL 'true')		
Remedial action: The existing SW image in the SAM database should be replaced with an image that is known to be complete and valid.		

Table 24-26 CrossconnectDown

Alarm	Attributes	Applicable major releases
Name: CrossconnectDown (744) Type: CrossconnectAlarm (60) Package: mpr Raised on class: mpr.Crossconnect	Severity: major Implicitly cleared: true Default probable cause: crossconnectDown (520)	<ul style="list-style-type: none"> • 3.2.0 • 3.3.0 • 3.4.0 • 4.0.0 • 4.1.0 • 4.2.0 • 5.0.0 • 5.1.0 • 5.2.0
Description: The alarm is raised when the Operational State of an L2 or L3 interface is Down, and the Administrative State of the associated site is Up. The alarm is not raised against an L2 access interface that is in the MC ring standby state.		
Raising condition: ('xcRowStatus' NOT EQUAL 'Active')		
Clearing condition: ('xcRowStatus' EQUAL 'Active')		
Remedial action: Please refer to the 9500 Node Maintenance manual for remedial action information.		

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Table 24-27 DAD

Alarm	Attributes	Applicable major releases
Name: DAD (4416) Type: communicationsAlarm (4) Package: equipment Raised on class: equipment.Shelf	Severity: major Implicitly cleared: true Default probable cause: duplicatedAddressDetected (1582)	<ul style="list-style-type: none"> • 3.2.0 • 3.3.0 • 3.4.0 • 4.0.0 • 4.1.0 • 4.2.0 • 5.0.0 • 5.1.0 • 5.2.0
Description: The alarm is reported when MPR 9500 detects a duplicated IP address.		
Remedial action: Please refer to the 9500 Node Maintenance manual for remedial action information.		

Table 24-28 DialogFailure (equipment)

Alarm	Attributes	Applicable major releases
Name: DialogFailure (1163) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.Equipment	Severity: variable Implicitly cleared: true Default probable cause: dialogFailure (866)	<ul style="list-style-type: none"> • 3.2.0 • 3.3.0 • 3.4.0 • 4.0.0 • 4.1.0 • 4.2.0 • 5.0.0 • 5.1.0 • 5.2.0
Description: The alarm is raised when an MPT has a temporary communication failure.		
Remedial action: Please refer to the 9500 Node Maintenance manual for remedial action information.		

Table 24-29 DialogFailure (mpr)

Alarm	Attributes	Applicable major releases
Name: DialogFailure (1163) Type: equipmentAlarm (3) Package: mpr Raised on class: mpr.SubRackElements	Severity: variable Implicitly cleared: true Default probable cause: dialogFailure (866)	<ul style="list-style-type: none"> • 3.2.0 • 3.3.0 • 3.4.0 • 4.0.0 • 4.1.0 • 4.2.0 • 5.0.0 • 5.1.0 • 5.2.0
Description: The alarm is raised when an MPT has a temporary communication failure.		

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Alarm	Attributes	Applicable major releases
Remedial action: The alarm is raised upon temporary loss of communication with MPT. Refer to the 9500 Node Maintenance manual for remedial action information		

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Table 24-30 downgradedCardAlarm

Alarm	Attributes	Applicable major releases
Name: downgradedCardAlarm (256) Type: softwareAlarm (19) Package: equipment Raised on class: equipment.Card	Severity: warning Implicitly cleared: true Default probable cause: downgradedCard (195)	<ul style="list-style-type: none"> • 3.2.0 • 3.3.0 • 3.4.0 • 4.0.0 • 4.1.0 • 4.2.0 • 5.0.0 • 5.1.0 • 5.2.0
Description: The alarm is raised when an IOM is not upgraded or reset after a device software upgrade of both CPMs. A device resets an IOM automatically after 120 minutes if the IOM is not manually reset after a CPM upgrade.		
Raising condition: ('operationalState' EQUAL 'Downgrade')		
Clearing condition: ('operationalState' EQUAL 'Up')		
Remedial action: Informational - no corrective action required.		

Table 24-31 DS1E1AlarmIndicationSignal

Alarm	Attributes	Applicable major releases
Name: DS1E1AlarmIndicationSignal (112) Type: communicationsAlarm (4) Package: tdmequipment Raised on class: tdmequipment.DS1E1ChannelSpecifics	Severity: major Implicitly cleared: true Default probable cause: alarmIndicationSignal (96)	<ul style="list-style-type: none"> • 3.2.0 • 3.3.0 • 3.4.0 • 4.0.0 • 4.1.0 • 4.2.0 • 5.0.0 • 5.1.0 • 5.2.0
Description: The alarm is raised when an NE reports that a specific DS1 or E1 channel has an AIS alarm condition.		
Raising condition: (('Outstanding Alarms'anyBit'Alarm Indication Signal') AND ('Report Alarms'anyBit'Alarm Indication Signal'))		
Clearing condition: NOT (((('Outstanding Alarms'anyBit'Alarm Indication Signal') AND ('Report Alarms'anyBit'Alarm Indication Signal'))))		
Remedial action: Informational only.		

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Table 24-32 DS1E1Looped

Alarm	Attributes	Applicable major releases
Name: DS1E1Looped (126) Type: communicationsAlarm (4) Package: tdmequipment Raised on class: tdmequipment.DS1E1ChannelSpecifics	Severity: major Implicitly cleared: true Default probable cause: farEndLoopback (102)	<ul style="list-style-type: none"> • 3.2.0 • 3.3.0 • 3.4.0 • 4.0.0 • 4.1.0 • 4.2.0 • 5.0.0 • 5.1.0 • 5.2.0
Description: The alarm is raised when an NE reports that a specific DS1 or E1 channel has a remote loopback alarm condition.		
Raising condition: (('Outstanding Alarms'anyBit'Far end wants the near end to loopback') AND ('Report Alarms'anyBit'Far end wants the near end to loopback'))		
Clearing condition: NOT (('Outstanding Alarms'anyBit'Far end wants the near end to loopback') AND ('Report Alarms'anyBit'Far end wants the near end to loopback'))		
Remedial action: Informational only.		

Table 24-33 DS1E1LossOfSignal

Alarm	Attributes	Applicable major releases
Name: DS1E1LossOfSignal (124) Type: communicationsAlarm (4) Package: tdmequipment Raised on class: tdmequipment.DS1E1ChannelSpecifics	Severity: major Implicitly cleared: true Default probable cause: lossOfSignal (99)	<ul style="list-style-type: none"> • 3.2.0 • 3.3.0 • 3.4.0 • 4.0.0 • 4.1.0 • 4.2.0 • 5.0.0 • 5.1.0 • 5.2.0
Description: The alarm is raised when an NE reports that a specific DS1 or E1 channel has an LOS alarm condition.		
Raising condition: (('Outstanding Alarms'anyBit'Loss of Signal') AND ('Report Alarms'anyBit'Loss of Signal'))		
Clearing condition: NOT (('Outstanding Alarms'anyBit'Loss of Signal') AND ('Report Alarms'anyBit'Loss of Signal'))		
Remedial action: Informational only.		

Table 24-34 DS1E1OutOfFrame

Alarm	Attributes	Applicable major releases
Name: DS1E1OutOfFrame (125) Type: communicationsAlarm (4) Package: tdmequipment Raised on class: tdmequipment.DS1E1ChannelSpecifics	Severity: major Implicitly cleared: true Default probable cause: outOfFrame (100)	<ul style="list-style-type: none"> • 3.2.0 • 3.3.0 • 3.4.0 • 4.0.0 • 4.1.0 • 4.2.0 • 5.0.0 • 5.1.0 • 5.2.0
Description: The alarm is raised when an NE reports that a specific DS1 or E1 channel has an OOF alarm condition.		
Raising condition: (('Outstanding Alarms'anyBit'Out Of Frame') AND ('Report Alarms'anyBit'Out Of Frame'))		
Clearing condition: NOT (('Outstanding Alarms'anyBit'Out Of Frame') AND ('Report Alarms'anyBit'Out Of Frame'))		
Remedial action: Informational only.		

Table 24-35 DS1E1ResourceAvailabilityIndicator

Alarm	Attributes	Applicable major releases
Name: DS1E1ResourceAvailabilityIndicator (114) Type: communicationsAlarm (4) Package: tdmequipment Raised on class: tdmequipment.DS1E1ChannelSpecifics	Severity: major Implicitly cleared: true Default probable cause: resourceAvailabilityIndicator (98)	<ul style="list-style-type: none"> • 3.2.0 • 3.3.0 • 3.4.0 • 4.0.0 • 4.1.0 • 4.2.0 • 5.0.0 • 5.1.0 • 5.2.0
Description: The alarm is raised when an NE reports that a specific DS1 or E1 channel has an RAI alarm condition.		
Raising condition: (('Outstanding Alarms'anyBit'Resource Availability Indicator') AND ('Report Alarms'anyBit'Resource Availability Indicator'))		
Clearing condition: NOT (('Outstanding Alarms'anyBit'Resource Availability Indicator') AND ('Report Alarms'anyBit'Resource Availability Indicator'))		
Remedial action: Informational only.		

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Table 24-36 DS1E1SignalDegradation

Alarm	Attributes	Applicable major releases
Name: DS1E1SignalDegradation (500) Type: communicationsAlarm (4) Package: tdmequipment Raised on class: tdmequipment.DS1E1ChannelSpecifics	Severity: major Implicitly cleared: true Default probable cause: signalDegradation (386)	<ul style="list-style-type: none"> • 3.2.0 • 3.3.0 • 3.4.0 • 4.0.0 • 4.1.0 • 4.2.0 • 5.0.0 • 5.1.0 • 5.2.0
Description: The alarm is raised when an NE reports that a specific DS1 or E1 channel has an SD alarm condition.		
Raising condition: (('Outstanding Alarms'anyBit'Signal Degradation') AND ('Report Alarms'anyBit'Signal Degradation'))		
Clearing condition: NOT (('Outstanding Alarms'anyBit'Signal Degradation') AND ('Report Alarms'anyBit'Signal Degradation'))		
Remedial action: Informational only.		

Table 24-37 DS1E1SignalFailure

Alarm	Attributes	Applicable major releases
Name: DS1E1SignalFailure (501) Type: communicationsAlarm (4) Package: tdmequipment Raised on class: tdmequipment.DS1E1ChannelSpecifics	Severity: major Implicitly cleared: true Default probable cause: signalFailure (387)	<ul style="list-style-type: none"> • 3.2.0 • 3.3.0 • 3.4.0 • 4.0.0 • 4.1.0 • 4.2.0 • 5.0.0 • 5.1.0 • 5.2.0
Description: The alarm is raised when an NE reports that a specific DS1 or E1 channel has an SF alarm condition.		
Raising condition: (('Outstanding Alarms'anyBit'Signal Failure') AND ('Report Alarms'anyBit'Signal Failure'))		
Clearing condition: NOT (('Outstanding Alarms'anyBit'Signal Failure') AND ('Report Alarms'anyBit'Signal Failure'))		
Remedial action: Informational only.		

Table 24-38 EquipmentAdministrativelyDown

Alarm	Attributes	Applicable major releases
Name: EquipmentAdministrativelyDown (455) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.Equipment	Severity: minor Implicitly cleared: true Default probable cause: equipmentAdministrativelyDown (326)	<ul style="list-style-type: none"> • 3.2.0 • 3.3.0 • 3.4.0 • 4.0.0 • 4.1.0 • 4.2.0 • 5.0.0 • 5.1.0 • 5.2.0
Description: The alarm is raised when the compositeEquipmentState attribute has a value of equipmentAdministrativelyDown.		
Raising condition: ('compositeEquipmentState' EQUAL 'Admin Down')		
Clearing condition: ('compositeEquipmentState' NOT EQUAL 'Admin Down')		
Remedial action: Informational - no corrective action required.		

Table 24-39 EquipmentDegraded

Alarm	Attributes	Applicable major releases
Name: EquipmentDegraded (604) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.FanTray	Severity: minor Implicitly cleared: true Default probable cause: singleFanFailure (450)	<ul style="list-style-type: none"> • 3.2.0 • 3.3.0 • 3.4.0 • 4.0.0 • 4.1.0 • 4.2.0 • 5.0.0 • 5.1.0 • 5.2.0
Description: The alarm is raised when a single fan fails. The chassis attempts to continue operating within the normal temperature range using only the remaining fans.		
Raising condition: ('Device State' EQUAL 'MinorFailure')		
Clearing condition: ('Device State' NOT EQUAL 'MinorFailure')		
Remedial action: The failed fan unit should be replaced.		

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Table 24-40 EquipmentDown

Alarm	Attributes	Applicable major releases
Name: EquipmentDown (10) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.Equipment	Severity: major Implicitly cleared: true Default probable cause: inoperableEquipment (8)	<ul style="list-style-type: none"> • 3.2.0 • 3.3.0 • 3.4.0 • 4.0.0 • 4.1.0 • 4.2.0 • 5.0.0 • 5.1.0 • 5.2.0
Description: The alarm is raised when the compositeEquipmentState attribute has a value of equipmentOperationallyDown.		
Raising condition: ('compositeEquipmentState' EQUAL 'Oper Down')		
Clearing condition: ('compositeEquipmentState' NOT EQUAL 'Oper Down')		
Remedial action: This alarm indicates that a card in the NE has failed. The card must be replaced.		

Table 24-41 EquipmentFailure

Alarm	Attributes	Applicable major releases
Name: EquipmentFailure (145) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.ReplaceableUnit	Severity: critical Implicitly cleared: true Default probable cause: cardFailure (123)	<ul style="list-style-type: none"> • 3.2.0 • 3.3.0 • 3.4.0 • 4.0.0 • 4.1.0 • 4.2.0 • 5.0.0 • 5.1.0 • 5.2.0
Description: The alarm is raised when a control processor or power-supply tray reports a failure. When the object type is ControlProcessor, a CPM may be unable to boot. When the object type is Power Supply Tray and the alarm is raised during device discovery, a power-supply tray may be out of service. When the object type is a Power Supply Tray and the device is in the managed state, a power-supply tray may be out of service or the AC power shelf has a fault condition. The alarm clears when the status changes to OK.		
Raising condition: ('operationalState' EQUAL 'Failed')		
Clearing condition: ('operationalState' NOT EQUAL 'Failed')		
Remedial action: If the alarm indicates that the CPM card has a fault, remove the card and reset it. If this does not clear the alarm then please contact Alcatel-Lucent support for assistance. If the alarm indicates that the Power Supply tray is out of service ensure that the NE is properly connected to power. If the problem persists please contact Alcatel-Lucent support for assistance.		

Table 24-42 EquipmentInTest

Alarm	Attributes	Applicable major releases
Name: EquipmentInTest (11) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.Equipment	Severity: warning Implicitly cleared: true Default probable cause: equipmentInTest (9)	<ul style="list-style-type: none"> • 3.2.0 • 3.3.0 • 3.4.0 • 4.0.0 • 4.1.0 • 4.2.0 • 5.0.0 • 5.1.0 • 5.2.0
Description: The alarm is raised when equipment enters a diagnostic state.		
Raising condition: ('compositeEquipmentState' EQUAL 'In Test')		
Clearing condition: ('compositeEquipmentState' NOT EQUAL 'In Test')		
Remedial action: Informational - no corrective action required.		

Table 24-43 EquipmentMismatch

Alarm	Attributes	Applicable major releases
Name: EquipmentMismatch (9) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.Equipment	Severity: major Implicitly cleared: true Default probable cause: equipmentTypeMismatch (7)	<ul style="list-style-type: none"> • 3.2.0 • 3.3.0 • 3.4.0 • 4.0.0 • 4.1.0 • 4.2.0 • 5.0.0 • 5.1.0 • 5.2.0
Description: The alarm is raised when the compositeEquipmentState attribute has a value of equipmentMismatch.		
Raising condition: ('compositeEquipmentState' EQUAL 'Type Mismatch')		
Clearing condition: ('compositeEquipmentState' NOT EQUAL 'Type Mismatch')		
Remedial action: A configuration error has occurred which must be corrected. The card type configured for the slot identified in the alarm must match the installed card type.		

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Table 24-44 EquipmentRemoved

Alarm	Attributes	Applicable major releases
Name: EquipmentRemoved (8) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.Equipment	Severity: major Implicitly cleared: true Default probable cause: replaceableEquipmentRemoved (6)	<ul style="list-style-type: none"> • 3.2.0 • 3.3.0 • 3.4.0 • 4.0.0 • 4.1.0 • 4.2.0 • 5.0.0 • 5.1.0 • 5.2.0
Description: The alarm is raised when the compositeEquipmentState attribute has a value of equipmentMissing.		
Raising condition: (((isEquipped' EQUAL 'false') OR ('compositeEquipmentState' EQUAL 'Removed')) AND ('isEquipmentInserted' EQUAL 'true'))		
Clearing condition: (('compositeEquipmentState' NOT EQUAL 'Removed') AND ('isEquipped' EQUAL 'true'))		
Remedial action: Informational - this alarm is raised when a card is removed.		

Table 24-45 EthernetPortConfiguredLoopback

Alarm	Attributes	Applicable major releases
Name: EthernetPortConfiguredLoopback (801) Type: configurationAlarm (11) Package: ethernetequipment Raised on class: ethernetequipment.EthernetPortSpecifics	Severity: warning Implicitly cleared: true Default probable cause: ethernetPortConfiguredLoopback (567)	<ul style="list-style-type: none"> • 3.2.0 • 3.3.0 • 3.4.0 • 4.0.0 • 4.1.0 • 4.2.0 • 5.0.0 • 5.1.0 • 5.2.0
Description: The alarm is raised when a timed loopback is in effect for an Ethernet port.		
Raising condition: (('Type' NOT EQUAL 'None'))		
Clearing condition: (('Type' EQUAL 'None'))		
Remedial action: This alarm has been raised by the node because "Timed Loopback" option of the specific port's Ethernet property has been enabled. To resolve this problem from "Ethernet" tab of "Physical Port" properties form configure "Timed Loopback" Type property as "None".		

Table 24-46 EthernetPortDuplicateLane

Alarm	Attributes	Applicable major releases
Name: EthernetPortDuplicateLane (3557) Type: communicationsAlarm (4) Package: ethernetequipment Raised on class: ethernetequipment.EthernetPortSpecifics	Severity: major Implicitly cleared: true Default probable cause: DuplicateLane (1387)	<ul style="list-style-type: none"> • 3.2.0 • 3.3.0 • 3.4.0 • 4.0.0 • 4.1.0 • 4.2.0 • 5.0.0 • 5.1.0 • 5.2.0
Description: The alarm is raised when a device reports a Duplicate Lane on an Ethernet port.		
Raising condition: (('Outstanding Alarms'anyBit'Duplicate Lane') AND ('Report Alarms'anyBit'Duplicate Lane'))		
Clearing condition: NOT (('Outstanding Alarms'anyBit'Duplicate Lane') AND ('Report Alarms'anyBit'Duplicate Lane'))		
Remedial action: One of the following conditions exists on the referenced physical interface which must be corrected. A cable/fiber fault exists which must be corrected - check to ensure that the cable is not faulty and is properly connected. The port is faulty - run diagnostics on the port to determine the nature of the fault. If the problem cannot be resolved swap the card containing the port with a card which is known be functional.		

Table 24-47 EthernetPortHighBer

Alarm	Attributes	Applicable major releases
Name: EthernetPortHighBer (307) Type: communicationsAlarm (4) Package: ethernetequipment Raised on class: ethernetequipment.EthernetPortSpecifics	Severity: major Implicitly cleared: true Default probable cause: HighBer (238)	<ul style="list-style-type: none"> • 3.2.0 • 3.3.0 • 3.4.0 • 4.0.0 • 4.1.0 • 4.2.0 • 5.0.0 • 5.1.0 • 5.2.0
Description: The alarm is raised when a device reports a high bit-error rate on an Ethernet port.		
Raising condition: (('Outstanding Alarms'anyBit'High Bit Error Rate') AND ('Report Alarms'anyBit'High Bit Error Rate'))		
Clearing condition: NOT (('Outstanding Alarms'anyBit'High Bit Error Rate') AND ('Report Alarms'anyBit'High Bit Error Rate'))		
Remedial action: One of the following conditions exists on the physical interface which must be corrected. A cable/fiber fault exists which must be corrected - check to ensure that the cable is not faulty and is properly connected. The port is faulty - run diagnostics on the port to determine the nature of the fault.		

Table 24-48 EthernetPortLocalFault

Alarm	Attributes	Applicable major releases
Name: EthernetPortLocalFault (305) Type: communicationsAlarm (4) Package: ethernetequipment Raised on class: ethernetequipment.EthernetPortSpecifics	Severity: major Implicitly cleared: true Default probable cause: LocalFault (236)	<ul style="list-style-type: none"> • 3.2.0 • 3.3.0 • 3.4.0 • 4.0.0 • 4.1.0 • 4.2.0 • 5.0.0 • 5.1.0 • 5.2.0
Description: The alarm is raised when a device reports a local fault on an Ethernet port.		
Raising condition: (('Outstanding Alarms'anyBit'Local Fault') AND ('Report Alarms'anyBit'Local Fault'))		
Clearing condition: NOT (('Outstanding Alarms'anyBit'Local Fault') AND ('Report Alarms'anyBit'Local Fault'))		
Remedial action: One of the following conditions exists on the physical interface which must be corrected. A cable/fiber fault exists which must be corrected - check to ensure that the cable is not faulty and is properly connected. The port is faulty - run diagnostics on the port to determine the nature of the fault.		

Table 24-49 EthernetPortNoAmLock

Alarm	Attributes	Applicable major releases
Name: EthernetPortNoAmLock (3558) Type: communicationsAlarm (4) Package: ethernetequipment Raised on class: ethernetequipment.EthernetPortSpecifics	Severity: major Implicitly cleared: true Default probable cause: NoAmLock (1388)	<ul style="list-style-type: none"> • 3.2.0 • 3.3.0 • 3.4.0 • 4.0.0 • 4.1.0 • 4.2.0 • 5.0.0 • 5.1.0 • 5.2.0
Description: The alarm is raised when a device reports a No Am Lock on an Ethernet port.		
Raising condition: (('Outstanding Alarms'anyBit'No AM Lock') AND ('Report Alarms'anyBit'No AM Lock'))		
Clearing condition: NOT (('Outstanding Alarms'anyBit'No AM Lock') AND ('Report Alarms'anyBit'No AM Lock'))		
Remedial action: One of the following conditions exists on the referenced physical interface which must be corrected. A cable/fiber fault exists which must be corrected - check to ensure that the cable is not faulty and is properly connected. The port is faulty - run diagnostics on the port to determine the nature of the fault. If the problem cannot be resolved swap the card containing the port with a card which is known be functional.		

Table 24-50 EthernetPortNoBlockLock

Alarm	Attributes	Applicable major releases
Name: EthernetPortNoBlockLock (3559) Type: communicationsAlarm (4) Package: ethernetequipment Raised on class: ethernetequipment.EthernetPortSpecifics	Severity: major Implicitly cleared: true Default probable cause: NoBlockLock (1389)	<ul style="list-style-type: none"> • 3.2.0 • 3.3.0 • 3.4.0 • 4.0.0 • 4.1.0 • 4.2.0 • 5.0.0 • 5.1.0 • 5.2.0
Description: The alarm is raised when a device reports a No Block Lock on an Ethernet port.		
Raising condition: (('Outstanding Alarms'anyBit'No Block Lock') AND ('Report Alarms'anyBit'No Block Lock'))		
Clearing condition: NOT (('Outstanding Alarms'anyBit'No Block Lock') AND ('Report Alarms'anyBit'No Block Lock'))		
Remedial action: One of the following conditions exists on the referenced physical interface which must be corrected. A cable/fiber fault exists which must be corrected - check to ensure that the cable is not faulty and is properly connected. The port is faulty - run diagnostics on the port to determine the nature of the fault. If the problem cannot be resolved swap the card containing the port with a card which is known be functional.		

Table 24-51 EthernetPortNoFrameLock

Alarm	Attributes	Applicable major releases
Name: EthernetPortNoFrameLock (306) Type: communicationsAlarm (4) Package: ethernetequipment Raised on class: ethernetequipment.EthernetPortSpecifics	Severity: major Implicitly cleared: true Default probable cause: NoFrameLock (237)	<ul style="list-style-type: none"> • 3.2.0 • 3.3.0 • 3.4.0 • 4.0.0 • 4.1.0 • 4.2.0 • 5.0.0 • 5.1.0 • 5.2.0
Description: The alarm is raised when a device reports No Frame Lock on an Ethernet port.		
Raising condition: (('Outstanding Alarms'anyBit'No Frame Lock') AND ('Report Alarms'anyBit'No Frame Lock'))		
Clearing condition: NOT (('Outstanding Alarms'anyBit'No Frame Lock') AND ('Report Alarms'anyBit'No Frame Lock'))		
Remedial action: One of the following conditions exists on the physical interface which must be corrected. A cable/fiber fault exists which must be corrected - check to ensure that the cable is not faulty and is properly connected. The port is faulty - run diagnostics on the port to determine the nature of the fault.		

Table 24-52 EthernetPortRemoteFault

Alarm	Attributes	Applicable major releases
Name: EthernetPortRemoteFault (304) Type: communicationsAlarm (4) Package: ethernetequipment Raised on class: ethernetequipment.EthernetPortSpecifics	Severity: major Implicitly cleared: true Default probable cause: RemoteFault (235)	<ul style="list-style-type: none"> • 3.2.0 • 3.3.0 • 3.4.0 • 4.0.0 • 4.1.0 • 4.2.0 • 5.0.0 • 5.1.0 • 5.2.0
Description: The alarm is raised when a device reports a remote fault on an Ethernet port.		
Raising condition: (('Outstanding Alarms'anyBit'Remote Fault') AND ('Report Alarms'anyBit'Remote Fault'))		
Clearing condition: NOT (('Outstanding Alarms'anyBit'Remote Fault') AND ('Report Alarms'anyBit'Remote Fault'))		
Remedial action: One of the following conditions exists on the remote physical interface which must be corrected. A cable/fiber fault exists which must be corrected - check to ensure that the cable is not faulty and is properly connected. The port is faulty - run diagnostics on the port to determine the nature of the fault.		

Table 24-53 EthernetPortSignalFailure

Alarm	Attributes	Applicable major releases
Name: EthernetPortSignalFailure (303) Type: communicationsAlarm (4) Package: ethernetequipment Raised on class: ethernetequipment.EthernetPortSpecifics	Severity: major Implicitly cleared: true Default probable cause: SignalFailure (234)	<ul style="list-style-type: none"> • 3.2.0 • 3.3.0 • 3.4.0 • 4.0.0 • 4.1.0 • 4.2.0 • 5.0.0 • 5.1.0 • 5.2.0
Description: The alarm is raised when a device reports a signal failure on an Ethernet port.		
Raising condition: (('Outstanding Alarms'anyBit'Signal Failure') AND ('Report Alarms'anyBit'Signal Failure'))		
Clearing condition: NOT (('Outstanding Alarms'anyBit'Signal Failure') AND ('Report Alarms'anyBit'Signal Failure'))		
Remedial action: One of the following conditions exists on the physical interface which must be corrected. A cable/fiber fault exists which must be corrected - check to ensure that the cable is not faulty and is properly connected. The port is faulty - run diagnostics on the port to determine the nature of the fault.		

Table 24-54 ExternalTimingReferenceNotQualified

Alarm	Attributes	Applicable major releases
Name: ExternalTimingReferenceNotQualified (548) Type: communicationsAlarm (4) Package: sonet Raised on class: sonet.SiteSync	Severity: minor Implicitly cleared: true Default probable cause: timingReferenceNotQualified (418)	<ul style="list-style-type: none"> • 3.2.0 • 3.3.0 • 3.4.0 • 4.0.0 • 4.1.0 • 4.2.0 • 5.0.0 • 5.1.0 • 5.2.0
Description: The alarm is raised when the External timing reference on an NE is not in the Qualified state.		
Raising condition: (('Qualified For Use' EQUAL 'Not Qualified') AND ('Administrative State' NOT EQUAL 'Down'))		
Clearing condition: (('Qualified For Use' NOT EQUAL 'Not Qualified') OR ('Administrative State' EQUAL 'Down'))		
Remedial action: Informational		

Table 24-55 FanFail

Alarm	Attributes	Applicable major releases
Name: FanFail (5609) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.Equipment	Severity: variable Implicitly cleared: true Default probable cause: FanFail (2372)	<ul style="list-style-type: none"> • 3.2.0 • 3.3.0 • 3.4.0 • 4.0.0 • 4.1.0 • 4.2.0 • 5.0.0 • 5.1.0 • 5.2.0
Description: The alarm is raised when there is fan fail for MPTHLC.		
Remedial action: The alarm is raised when MPTHLC fan fails. Refer 9500 Node Maintenance manual for remedial action information.		

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Table 24-56 FanFailure

Alarm	Attributes	Applicable major releases
Name: FanFailure (624) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.FanTray	Severity: critical Implicitly cleared: true Default probable cause: fanFailure (116)	<ul style="list-style-type: none"> • 3.2.0 • 3.3.0 • 3.4.0 • 4.0.0 • 4.1.0 • 4.2.0 • 5.0.0 • 5.1.0 • 5.2.0
Description: The alarm is raised when the associated fan is not operationally Up.		
Raising condition: (('Device State' EQUAL 'Failed') OR ('Device State' EQUAL 'Unknown') OR ('Device State' EQUAL 'OutOfservice'))		
Clearing condition: ('Device State' EQUAL 'OK')		
Remedial action: Remove and reset the fan unit. If this does not resolve the problem replace the fan.		

Table 24-57 FanTrayRemoved

Alarm	Attributes	Applicable major releases
Name: FanTrayRemoved (569) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.FanTray	Severity: critical Implicitly cleared: true Default probable cause: FanTrayRemoved (438)	<ul style="list-style-type: none"> • 3.2.0 • 3.3.0 • 3.4.0 • 4.0.0 • 4.1.0 • 4.2.0 • 5.0.0 • 5.1.0 • 5.2.0
Description: The alarm is raised when the deviceState attribute has a value of deviceNotEquipped.		
Raising condition: ('Device State' EQUAL 'Not Equipped')		
Clearing condition: ('Device State' NOT EQUAL 'Not Equipped')		
Remedial action: Informational - a fan tray has been removed from the NE.		

Table 24-58 FlashCardFailure

Alarm	Attributes	Applicable major releases
Name: FlashCardFailure (8161) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.Equipment	Severity: variable Implicitly cleared: true Default probable cause: flashCardFailure (2553)	<ul style="list-style-type: none"> • 3.2.0 • 3.3.0 • 3.4.0 • 4.0.0 • 4.1.0 • 4.2.0 • 5.0.0 • 5.1.0 • 5.2.0
Description: The alarm is raised when there is Flash card failure.		
Remedial action: Please refer to the 9500 Node Maintenance manual for remedial action information.		

Table 24-59 FlashCardRealignmentInProgress

Alarm	Attributes	Applicable major releases
Name: FlashCardRealignmentInProgress (8162) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.Equipment	Severity: variable Implicitly cleared: true Default probable cause: flashCardRealignmentInProgress (2554)	<ul style="list-style-type: none"> • 3.2.0 • 3.3.0 • 3.4.0 • 4.0.0 • 4.1.0 • 4.2.0 • 5.0.0 • 5.1.0 • 5.2.0
Description: The alarm is raised when MPR Flash card realignment is in progress.		
Remedial action: Please refer to the 9500 Node Maintenance manual for remedial action information.		

Table 24-60 FrameSizeProblem (netw)

Alarm	Attributes	Applicable major releases
Name: FrameSizeProblem (37) Type: configurationAlarm (11) Package: netw Raised on class: netw.StatefullConnectableInterface	Severity: critical Implicitly cleared: true Default probable cause: frameSizeProblem (33)	<ul style="list-style-type: none"> • 3.2.0 • 3.3.0 • 3.4.0 • 4.0.0 • 4.1.0 • 4.2.0 • 5.0.0 • 5.1.0 • 5.2.0
Description: The alarm is raised when a provisioned MTU size value is greater than the supported MTU size value.		

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Alarm	Attributes	Applicable major releases
Raising condition: (('mtuMismatch' EQUAL 'true') AND ('portId' NOT EQUAL '0L'))		
Clearing condition: (('mtuMismatch' EQUAL 'false') OR ('portId' EQUAL '0L'))		
Remedial action: A configuration error has been made which must be corrected. The MTU value must be changed such that is less than or equal to the supported MTU size value.		

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Table 24-61 GaPeerDown

Alarm	Attributes	Applicable major releases
Name: GaPeerDown (3303) Type: EpcAlarm (59) Package: Iteggnsn Raised on class: Iteggnsn.GaPeer	Severity: major Implicitly cleared: true Default probable cause: EPSPeerDown (602)	<ul style="list-style-type: none"> • 3.2.0 • 3.3.0 • 3.4.0 • 4.0.0 • 4.1.0 • 4.2.0 • 5.0.0 • 5.1.0 • 5.2.0
Description: The alarm is raised when the path management state of a Ga peer changes to a state other than Up.		
Raising condition: ('Path Management State' NOT EQUAL 'Active')		
Clearing condition: ('Path Management State' EQUAL 'Active')		
Remedial action: A Ga reference point (peer) is operationally down for one of the following reasons: the underlying IP or physical interface is down, the far end peer is down or the underlying transport between this NE and the peer NE is down. To resolve the issue ensure that the IP/physical interface is up, check that the far end peer is operational and check that the underlying transport network is up.		

Table 24-62 IfVlanSubTypeConflict

Alarm	Attributes	Applicable major releases
Name: IfVlanSubTypeConflict (213) Type: configurationAlarm (11) Package: vlan Raised on class: vlan.L2AccessInterface	Severity: major Implicitly cleared: true Default probable cause: topologyMisconfigured (81)	<ul style="list-style-type: none"> • 3.2.0 • 3.3.0 • 3.4.0 • 4.0.0 • 4.1.0 • 4.2.0 • 5.0.0 • 5.1.0 • 5.2.0
Description: The alarm is raised when more than one type of VLAN service is configured with the same VLAN ID. The alarm is raised against an L2 access interface.		
Raising condition: ('vlanSubTypeConflict' EQUAL 'true')		
Clearing condition: ('vlanSubTypeConflict' EQUAL 'false')		

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Alarm	Attributes	Applicable major releases
Remedial action: Ensure that only one type of VLAN Service is configured with the VLAN ID used by this Interface.		

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Table 24-63 IncompleteConfiguration

Alarm	Attributes	Applicable major releases
Name: IncompleteConfiguration (1942) Type: operationalViolation (93) Package: netw Raised on class: netw.NetworkElement	Severity: warning Implicitly cleared: true Default probable cause: incompleteConfig (225)	<ul style="list-style-type: none"> • 3.2.0 • 3.3.0 • 3.4.0 • 4.0.0 • 4.1.0 • 4.2.0 • 5.0.0 • 5.1.0 • 5.2.0
Description: The alarm is raised when a pre-provisioned NE has no objects configured beneath it.		
Raising condition: (('State' EQUAL 'Pre-provisioned') AND ('eNodeB Equipment' EQUAL '\'))		
Clearing condition: (('State' EQUAL 'Pre-provisioned') AND ('eNodeB Equipment' NOT EQUAL '\'))		
Remedial action: A configuration error has been made which must be corrected. The configuration of the pre-provisioned NE is incomplete. A work order was not associated with the pre-provisioned NE and as a consequence the attempt to auto-configure the NE failed.		

Table 24-64 InterfaceDown (netw)

Alarm	Attributes	Applicable major releases
Name: InterfaceDown (36) Type: InterfaceAlarm (13) Package: netw Raised on class: netw.StatefullConnectableInterface	Severity: critical Implicitly cleared: true Default probable cause: interfaceDown (32)	<ul style="list-style-type: none"> • 3.2.0 • 3.3.0 • 3.4.0 • 4.0.0 • 4.1.0 • 4.2.0 • 5.0.0 • 5.1.0 • 5.2.0
Description: The alarm is raised when an interface or underlying resource fails, as indicated by an interface compositeState attribute value of failed or underlyingResourceFailed.		
Raising condition: (('compositeState' EQUAL 'Inoperable') OR ('compositeState' EQUAL 'Underlying Resource Inoperable'))		
Clearing condition: (('compositeState' NOT EQUAL 'Inoperable') AND ('compositeState' NOT EQUAL 'Underlying Resource Inoperable'))		
Remedial action: A physical port (physical interface, LAG, channel) associated with the network interface in not operation. Ensure that the interface is cabled and that there is not a configuration error (i.e. MTU size set incorrectly) on the interface. Once the issue w		

Table 24-65 LagDown

Alarm	Attributes	Applicable major releases
Name: LagDown (20) Type: equipmentAlarm (3) Package: lag Raised on class: lag.Interface	Severity: critical Implicitly cleared: true Default probable cause: lagDown (17)	<ul style="list-style-type: none"> • 3.2.0 • 3.3.0 • 3.4.0 • 4.0.0 • 4.1.0 • 4.2.0 • 5.0.0 • 5.1.0 • 5.2.0
Description: The alarm is raised when all ports in a LAG are operationally down.		
Raising condition: (('Administrative State' EQUAL 'Up') AND ('operationalState' NOT EQUAL 'Up'))		
Clearing condition: (('operationalState' EQUAL 'Up') OR ('Administrative State' NOT EQUAL 'Up'))		
Remedial action: This alarm indicates that all physical Ethernet links associated with a LAG are operationally down. The reasons for the links to be down may vary from link to link. The following possible causes of this alarm should be investigated. The physical port (near end or far end may have failed - this can be remedied by replacing the interface card in question. The physical links may have been turned down administratively - re-enable the links. A cable failure or disconnect may have occurred - please ensure that the cables are properly connected to the physical port and and that the cable has not been damaged.		

Table 24-66 LagPortAddFailed

Alarm	Attributes	Applicable major releases
Name: LagPortAddFailed (422) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.PhysicalPort	Severity: warning Implicitly cleared: true Default probable cause: linkDown (315)	<ul style="list-style-type: none"> • 3.2.0 • 3.3.0 • 3.4.0 • 4.0.0 • 4.1.0 • 4.2.0 • 5.0.0 • 5.1.0 • 5.2.0
Description: The alarm is raised when the Lag Port Add function Fails.		
Raising condition: (('state' EQUAL 'Link Down') AND ('LAG ID' > '0'))		
Clearing condition: (('state' NOT EQUAL 'Link Down') OR ('LAG ID' EQUAL '0'))		
Remedial action: A configuration error has occurred which must be corrected. The link that was to be added to the LAG group may be of the wrong type (i.e. non ethernet) or the limit of the number of links supported in a LAG may have been reached.		

Table 24-67 LicensedLimitExceeded

Alarm	Attributes	Applicable major releases
Name: LicensedLimitExceeded (127) Type: licensingAlarm (23) Package: security Raised on class: security.ProductLicense	Severity: critical Implicitly cleared: true Default probable cause: licensedLimitExceeded (106)	<ul style="list-style-type: none"> • 3.2.0 • 3.3.0 • 3.4.0 • 4.0.0 • 4.1.0 • 4.2.0 • 5.0.0 • 5.1.0 • 5.2.0
Description: The alarm is raised when the license items in the network exceeds 100 percent of the license capacity.		
Raising condition: ('Exceeded' EQUAL 'true')		
Clearing condition: ('Exceeded' NOT EQUAL 'true')		
Remedial action: Informational - The number of SAM licenses purchased and available on the SAM server is insufficient as compared to the number of NEs/MDA/Cells under management in the network. Please contact Alcatel-Lucent Sales to purchase additional licenses.		

Table 24-68 LineAlarmIndicationSignal

Alarm	Attributes	Applicable major releases
Name: LineAlarmIndicationSignal (84) Type: communicationsAlarm (4) Package: sonetequipment Raised on class: sonetequipment.SonetPortMonitorSpecifics	Severity: major Implicitly cleared: true Default probable cause: lineAlarmIndicationSignal (70)	<ul style="list-style-type: none"> • 3.2.0 • 3.3.0 • 3.4.0 • 4.0.0 • 4.1.0 • 4.2.0 • 5.0.0 • 5.1.0 • 5.2.0
Description: The alarm is raised when a SONET port reports an LAIS error. The alarm corresponds to the lais alarm on an NE.		
Raising condition: (('Outstanding Alarms'anyBit'Line Alarm Indication Signal') AND ('Report Alarms'anyBit'Line Alarm Indication Signal'))		
Clearing condition: NOT (('Outstanding Alarms'anyBit'Line Alarm Indication Signal') AND ('Report Alarms'anyBit'Line Alarm Indication Signal'))		
Remedial action: Informational only.		

Table 24-69 LineErrorCondition

Alarm	Attributes	Applicable major releases
Name: LineErrorCondition (94) Type: communicationsAlarm (4) Package: sonetequipment Raised on class: sonetequipment.SonetPortMonitorSpecifics	Severity: major Implicitly cleared: true Default probable cause: lineErrorCondition (80)	<ul style="list-style-type: none"> • 3.2.0 • 3.3.0 • 3.4.0 • 4.0.0 • 4.1.0 • 4.2.0 • 5.0.0 • 5.1.0 • 5.2.0
Description: The alarm is raised when a SONET port reports a line error condition that a remote NE raises because of b1 errors received from the local NE. The alarm corresponds to the Irei alarm on an NE.		
Raising condition: (('Outstanding Alarms'anyBit'Line Error Condition') AND ('Report Alarms'anyBit'Line Error Condition'))		
Clearing condition: NOT (('Outstanding Alarms'anyBit'Line Error Condition') AND ('Report Alarms'anyBit'Line Error Condition'))		
Remedial action: Check the SONET port is configured correctly and that the physical layer cabling is operating correctly. Call customer support if necessary.		

Table 24-70 LineRemoteDefectIndication

Alarm	Attributes	Applicable major releases
Name: LineRemoteDefectIndication (85) Type: communicationsAlarm (4) Package: sonetequipment Raised on class: sonetequipment.SonetPortMonitorSpecifics	Severity: major Implicitly cleared: true Default probable cause: lineRemoteDefectIndication (71)	<ul style="list-style-type: none"> • 3.2.0 • 3.3.0 • 3.4.0 • 4.0.0 • 4.1.0 • 4.2.0 • 5.0.0 • 5.1.0 • 5.2.0
Description: The alarm is raised when a SONET port reports a line remote defect indication error caused by an LOF, LOC, or LOS condition. The alarm corresponds to the Irdi alarm on an NE.		
Raising condition: (('Outstanding Alarms'anyBit'Line Remote Defect Indication') AND ('Report Alarms'anyBit'Line Remote Defect Indication'))		
Clearing condition: NOT (('Outstanding Alarms'anyBit'Line Remote Defect Indication') AND ('Report Alarms'anyBit'Line Remote Defect Indication'))		
Remedial action: Informational only.		

Table 24-71 LinkDown (equipment)

Alarm	Attributes	Applicable major releases
Name: LinkDown (12) Type: communicationsAlarm (4) Package: equipment Raised on class: equipment.Equipment	Severity: major Implicitly cleared: true Default probable cause: portLinkProblem (10)	<ul style="list-style-type: none"> • 3.2.0 • 3.3.0 • 3.4.0 • 4.0.0 • 4.1.0 • 4.2.0 • 5.0.0 • 5.1.0 • 5.2.0
Description: The alarm is raised when a port has no associated physical link or remote end point is operationally down.		
Raising condition: (('compositeEquipmentState' EQUAL 'Link Down') OR ('compositeEquipmentState' EQUAL 'Oper Down'))		
Clearing condition: (('compositeEquipmentState' NOT EQUAL 'Link Down') AND ('compositeEquipmentState' NOT EQUAL 'Oper Down'))		
Remedial action: Please make sure that port has physical link and remote end point is operationally up.		

Table 24-72 LossOfClock (sonetequipment)

Alarm	Attributes	Applicable major releases
Name: LossOfClock (83) Type: communicationsAlarm (4) Package: sonetequipment Raised on class: sonetequipment.SonetPortMonitorSpecifics	Severity: major Implicitly cleared: true Default probable cause: lossOfClock (69)	<ul style="list-style-type: none"> • 3.2.0 • 3.3.0 • 3.4.0 • 4.0.0 • 4.1.0 • 4.2.0 • 5.0.0 • 5.1.0 • 5.2.0
Description: The alarm is raised when a SONET port reports an LOC condition, which causes the NE to set the port Operational State to Down.		
Raising condition: (('Outstanding Alarms'anyBit'Loss of Clock') AND ('Report Alarms'anyBit'Loss of Clock'))		
Clearing condition: NOT (('Outstanding Alarms'anyBit'Loss of Clock') AND ('Report Alarms'anyBit'Loss of Clock'))		
Remedial action: One of the following conditions exists on the referenced physical interface which must be corrected. A cable/fiber fault exists which must be corrected - check to ensure that the cable is not faulty and is properly connected.		

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Table 24-73 LossOfMultiFrame (equipment)

Alarm	Attributes	Applicable major releases
Name: LossOfMultiFrame (3930) Type: communicationsAlarm (4) Package: equipment Raised on class: equipment.Port	Severity: variable Implicitly cleared: true Default probable cause: lossOfMultiFrame (1514)	<ul style="list-style-type: none"> • 3.2.0 • 3.3.0 • 3.4.0 • 4.0.0 • 4.1.0 • 4.2.0 • 5.0.0 • 5.1.0 • 5.2.0
Description: This alarm is raised when a loss of multiple frames occurs on the SDH port.		
Remedial action: This alarm is raised when there is a loss of multiple frames on the SDH port.		

Table 24-74 LowTemperatureDetected

Alarm	Attributes	Applicable major releases
Name: LowTemperatureDetected (1127) Type: environmentalAlarm (2) Package: equipment Raised on class: equipment.Shelf	Severity: major Implicitly cleared: true Default probable cause: equipmentOvercooled (838)	<ul style="list-style-type: none"> • 3.2.0 • 3.3.0 • 3.4.0 • 4.0.0 • 4.1.0 • 4.2.0 • 5.0.0 • 5.1.0 • 5.2.0
Description: The alarm is raised when the chassis temperature falls below the minimum threshold.		
Raising condition: ('Low Temperature State' EQUAL 'Low')		
Clearing condition: ('Low Temperature State' NOT EQUAL 'Low')		
Remedial action: The NE has detected internal temperatures which are abnormally low. This may happen when the environment that the NE is operating in may not be within specifications found in the NE user guides.		

Table 24-75 macMoveRateExceeded (service)

Alarm	Attributes	Applicable major releases
Name: macMoveRateExceeded (3690) Type: accessInterfaceAlarm (40) Package: service Raised on class: service.AccessInterface	Severity: minor Implicitly cleared: true Default probable cause: MacMoveRateExceeded (1429)	<ul style="list-style-type: none"> • 3.2.0 • 3.3.0 • 3.4.0 • 4.0.0 • 4.1.0 • 4.2.0 • 5.0.0 • 5.1.0 • 5.2.0
Description: The alarm is raised when the SAP exceeds the MAC Move Frequency of the service site.		
Raising condition: ('State Cause'anyBit'Relearn Limit Exceeded')		
Clearing condition: NOT (('State Cause'anyBit'Relearn Limit Exceeded'))		
Remedial action: Informational.		

Table 24-76 macMoveRateExceededNonBlock (service)

Alarm	Attributes	Applicable major releases
Name: macMoveRateExceededNonBlock (4893) Type: accessInterfaceAlarm (40) Package: service Raised on class: service.AccessInterface	Severity: info Implicitly cleared: true Default probable cause: MacMoveRateExceededNonBlock (1951)	<ul style="list-style-type: none"> • 3.2.0 • 3.3.0 • 3.4.0 • 4.0.0 • 4.1.0 • 4.2.0 • 5.0.0 • 5.1.0 • 5.2.0
Description: The alarm is raised when the SAP exceeds the MAC Move Frequency of the service site when limitMacMove(sapTIsLimitMacMove) is set to 'nonBlocking'.		
Raising condition: ('State Cause'anyBit'Relearn Limit Exceeded')		
Clearing condition: NOT (('State Cause'anyBit'Relearn Limit Exceeded'))		
Remedial action: Informational - User can adjust the value of 'MAC Move Maximum Rate' to reduce the frequency of this alarm.		

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Table 24-77 MobileConnectorDown

Alarm	Attributes	Applicable major releases
Name: MobileConnectorDown (1064) Type: EpcAlarm (59) Package: Iteservice Raised on class: Iteservice.MobileServiceConnector	Severity: minor Implicitly cleared: true Default probable cause: EpcDown (519)	<ul style="list-style-type: none"> • 3.2.0 • 3.3.0 • 3.4.0 • 4.0.0 • 4.1.0 • 4.2.0 • 5.0.0 • 5.1.0 • 5.2.0
Description: The alarm is raised when the 5620 SAM no longer manages the EPS path instance of this mobile service site. As a result, the service must be regenerated.		
Raising condition: ('EPS Path' EQUAL '\')		
Clearing condition: ('EPS Path' NOT EQUAL '\')		
Remedial action: The underlying transport network has gone down resulting in the deletion of a mobile service connector (EPS path). Correct the issue with the transport network and regenerate the mobile service connector by clicking on the re-calculate button on the mobile service properties form.		

Table 24-78 MvrSiteDown

Alarm	Attributes	Applicable major releases
Name: MvrSiteDown (162) Type: ProtocolAlarm (1) Package: layer2 Raised on class: layer2.MvrSite	Severity: warning Implicitly cleared: true Default probable cause: protocolDown (1)	<ul style="list-style-type: none"> • 3.2.0 • 3.3.0 • 3.4.0 • 4.0.0 • 4.1.0 • 4.2.0 • 5.0.0 • 5.1.0 • 5.2.0
Description: The alarm is raised when MVR is disabled on an NE and a TLS VLAN or MVR VLAN service is provisioned on the NE.		
Raising condition: ('MVR Admin Status' EQUAL 'Disabled')		
Clearing condition: ('MVR Admin Status' EQUAL 'Enabled')		
Remedial action: To clear the alarm, enable MVR Admin Status under the Bridge Instance.		

Table 24-79 NeManagementAndTrapManagementMismatch

Alarm	Attributes	Applicable major releases
Name: NeManagementAndTrapManagementMismatch (1079) Type: communicationsAlarm (4) Package: netw Raised on class: netw.NetworkElement	Severity: warning Implicitly cleared: true Default probable cause: neManagementChange (817)	<ul style="list-style-type: none"> • 3.2.0 • 3.3.0 • 3.4.0 • 4.0.0 • 4.1.0 • 4.2.0 • 5.0.0 • 5.1.0 • 5.2.0
Description: This user-defined alarm is raised when the NE configuration is one of the following: - The Active Management IP is set to Out Of Band, and the Primary Route Preference is set to In Band. - The Active Management IP is set to In Band, and the Primary Route Preference is set to Out of Band.		
Raising condition: (((('Active Management IP' EQUAL 'In Band') AND (('Management IP Selection' EQUAL 'In Band Preferred') OR ('Management IP Selection' EQUAL 'In Band Only')) AND ('Primary Route Preference' EQUAL 'Out Of Band') AND ('Secondary Route Preference' EQUAL 'In Band')) OR (('Active Management IP' EQUAL 'Out Of Band') AND (('Management IP Selection' EQUAL 'Out Of Band Preferred') OR ('Management IP Selection' EQUAL 'Out Of Band Only')) AND ('Primary Route Preference' EQUAL 'In Band') AND ('Secondary Route Preference' EQUAL 'Out Of Band'))))		
Clearing condition: (((('Active Management IP' EQUAL 'In Band') AND (('Management IP Selection' EQUAL 'In Band Preferred') OR ('Management IP Selection' EQUAL 'In Band Only')) AND ('Primary Route Preference' EQUAL 'In Band')) OR (('Active Management IP' EQUAL 'Out Of Band') AND (('Management IP Selection' EQUAL 'Out Of Band Preferred') OR ('Management IP Selection' EQUAL 'Out Of Band Only')) AND ('Primary Route Preference' EQUAL 'Out Of Band'))))		
Remedial action: A configuration error has been made which must be corrected. The parameters described in the description for this alarm must match.		

Table 24-80 NewSsh2ServerKeyDetected

Alarm	Attributes	Applicable major releases
Name: NewSsh2ServerKeyDetected (285) Type: communicationsAlarm (4) Package: security Raised on class: security.KnownHostKey	Severity: warning Implicitly cleared: true Default probable cause: ssh2ServerKeyMismatch (217)	<ul style="list-style-type: none"> • 3.2.0 • 3.3.0 • 3.4.0 • 4.0.0 • 4.1.0 • 4.2.0 • 5.0.0 • 5.1.0 • 5.2.0
Description: The alarm is raised when a 5620 SAM main server detects a new public SSH key.		
Raising condition: ('SSH2 Server Key Status' EQUAL 'Mismatch SSH2 Host Key')		
Clearing condition: ('SSH2 Server Key Status' EQUAL 'Active SSH2 Host Key')		
Remedial action: Informational - possible security breach. The SSH key of the router is different from the one known to the SAM server.		

Table 24-81 NodeDatabaseFallbackDetected

Alarm	Attributes	Applicable major releases
Name: NodeDatabaseFallbackDetected (2923) Type: communicationsAlarm (4) Package: netw Raised on class: netw.NetworkElement	Severity: major Implicitly cleared: true Default probable cause: nodeDatabaseFallback (1121)	<ul style="list-style-type: none"> • 3.2.0 • 3.3.0 • 3.4.0 • 4.0.0 • 4.1.0 • 4.2.0 • 5.0.0 • 5.1.0 • 5.2.0
Description: The alarm is raised when a configuration fallback is detected on the node and comes back up with a previous configuration. To correct this situation it might be necessary to reconfigure the node, or perform full resync its database with the 'fallback' configuration returned by the node.		
Raising condition: ('State' EQUAL 'Node Configuration Fallback')		
Clearing condition: ('State' EQUAL 'Managed')		
Remedial action: the NE has come back to a previous configuration. Perform a manual Full Resync or a Reconfigure of the NE		

Table 24-82 NodeDatabaseMisalignmentDetected

Alarm	Attributes	Applicable major releases
Name: NodeDatabaseMisalignmentDetected (2924) Type: communicationsAlarm (4) Package: netw Raised on class: netw.NetworkElement	Severity: major Implicitly cleared: true Default probable cause: nodeDatabaseMisalignment (1122)	<ul style="list-style-type: none"> • 3.2.0 • 3.3.0 • 3.4.0 • 4.0.0 • 4.1.0 • 4.2.0 • 5.0.0 • 5.1.0 • 5.2.0
Description: The alarm is raised when a configuration misalignment has been detected on the node and comes back up with an unexpected configuration (configuration change triggered by external tool) To correct this situation it might be necessary to reconfigure the node with the 5620 SAM's old configuration or accept the new configuration received from the node.		
Raising condition: ('State' EQUAL 'Node Configuration Misalignment')		
Clearing condition: ('State' EQUAL 'Managed')		
Remedial action: the NE configuration is misaligned. Perform a resync in order to update SAM configuration according to the NE.		

Table 24-83 NodeSuspended

Alarm	Attributes	Applicable major releases
Name: NodeSuspended (5123) Type: communicationsAlarm (4) Package: netw Raised on class: netw.NetworkElement	Severity: critical Implicitly cleared: true Default probable cause: NodeSuspend (2057)	<ul style="list-style-type: none"> • 3.2.0 • 3.3.0 • 3.4.0 • 4.0.0 • 4.1.0 • 4.2.0 • 5.0.0 • 5.1.0 • 5.2.0
Description: The alarm is raised when the 5620 SAM detects an NE moved to suspend state as per user request.		
Raising condition: ('SNMP Reachability' EQUAL 'Suspended')		
Clearing condition: ('SNMP Reachability' NOT EQUAL 'Suspended')		
Remedial action: This alarm is raised when user suspends the network element. The alarm will be cleared when the network element is managed back.		

Table 24-84 OrphanNodeDetected

Alarm	Attributes	Applicable major releases
Name: OrphanNodeDetected (4866) Type: discoveryControlAlarm (33) Package: netw Raised on class: netw.AdvertisedNode	Severity: major Implicitly cleared: true Default probable cause: nodeNotMangedByAnyEms (1934)	<ul style="list-style-type: none"> • 3.2.0 • 3.3.0 • 3.4.0 • 4.0.0 • 4.1.0 • 4.2.0 • 5.0.0 • 5.1.0 • 5.2.0
Description: The alarm is raised when node is node managed by any EMS after n retries(threshold crossed) it is manually cleared by the operator or when the node is discovered.		
Raising condition: ('State' EQUAL 'Orphan')		
Remedial action: The NE is not managed by any SAM. Add an discovery rule in order to managed it.		

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Table 24-85 OverTemperatureDetected

Alarm	Attributes	Applicable major releases
Name: OverTemperatureDetected (388) Type: environmentalAlarm (2) Package: equipment Raised on class: equipment.Shelf	Severity: major Implicitly cleared: true Default probable cause: equipmentOverheated (5)	<ul style="list-style-type: none"> • 3.2.0 • 3.3.0 • 3.4.0 • 4.0.0 • 4.1.0 • 4.2.0 • 5.0.0 • 5.1.0 • 5.2.0
Description: The alarm is raised when the chassis temperature exceeds the maximum threshold value.		
Raising condition: ('Over Temperature State' EQUAL 'Over')		
Clearing condition: ('Over Temperature State' NOT EQUAL 'Over')		
Remedial action: The NE has detected internal temperatures which are abnormally high. This could be caused by a failed fan unit or one or more dirty fan filters. Replacing the failed unit or filters should resolve the problem. Alternately the environment that the NE is operating in may not be within specifications found in the NE user guides.		

Table 24-86 PartialResyncProblem

Alarm	Attributes	Applicable major releases
Name: PartialResyncProblem (4401) Type: communicationsAlarm (4) Package: netw Raised on class: netw.NetworkElement	Severity: warning Implicitly cleared: true Default probable cause: partialResyncProblem (1578)	<ul style="list-style-type: none"> • 3.2.0 • 3.3.0 • 3.4.0 • 4.0.0 • 4.1.0 • 4.2.0 • 5.0.0 • 5.1.0 • 5.2.0
Description: The alarm is raised when a partial resync on an NE fails. For example, when resyncing only some MIB entries as opposed to a full resync. The periodic reachability test (sysUpTime) is not considered a partial resync, neither is a full resync. However, a PartialResyncProblem alarm can only be reset by a FullResync.		
Raising condition: ('partialResyncStatus' EQUAL 'Partial Resync Failed')		
Clearing condition: ('partialResyncStatus' EQUAL 'Partial Resync Done')		
Remedial action: Informational - if the alarm persists or is occurring frequently then investigation is required to understand a) why the underlying transport network is unreliable or b) why the NE is too busy to respond to 5620 SAM or c) has SNMP been disabled on the NE.		

Table 24-87 PersistentIndexParametersMisconfigured

Alarm	Attributes	Applicable major releases
Name: PersistentIndexParametersMisconfigured (173) Type: configurationAlarm (11) Package: netw Raised on class: netw.NetworkElement	Severity: major Implicitly cleared: true Default probable cause: persistentIndexConfigurationMismatch (136)	<ul style="list-style-type: none"> • 3.2.0 • 3.3.0 • 3.4.0 • 4.0.0 • 4.1.0 • 4.2.0 • 5.0.0 • 5.1.0 • 5.2.0
Description: The alarm is raised when persistence is set to Off in the NE BOF.		
Raising condition: (('Persistent SNMP Indices' EQUAL 'False') OR (('hasRedundantProcessorCards' EQUAL 'true') AND ('Redundant Synchronization Mode' EQUAL 'None')))		
Clearing condition: (('Persistent SNMP Indices' EQUAL 'True') AND (('hasRedundantProcessorCards' EQUAL 'false') OR ('Redundant Synchronization Mode' NOT EQUAL 'None')))		
Remedial action: A configuration error has occurred that must be corrected. Use the CLI on the NE to enable persistency in the BOF. The discovery process will complete on the next discovery scan. A re-scan can be triggered immediately for the NE from within the discovery manager		

Table 24-88 PollerProblem

Alarm	Attributes	Applicable major releases
Name: PollerProblem (31) Type: communicationsAlarm (4) Package: netw Raised on class: netw.NetworkElement	Severity: warning Implicitly cleared: true Default probable cause: resyncFailed (24)	<ul style="list-style-type: none"> • 3.2.0 • 3.3.0 • 3.4.0 • 4.0.0 • 4.1.0 • 4.2.0 • 5.0.0 • 5.1.0 • 5.2.0
Description: The alarm is raised when the 5620 SAM is unable to poll a network object, for example, because of intermittent or no IP connectivity to an NE, incorrect SNMP security parameters, or disabled SNMP on the NE.		
Raising condition: ('Resync Status' EQUAL 'Full Resync Failed')		
Clearing condition: ('Resync Status' EQUAL 'Full Resync Done')		
Remedial action: Informational - if the alarm persists or is occurring frequently then investigation is required to understand a) why the underlying transport network is unreliable or b) why the NE is too busy to respond to 5620 SAM or c) has SNMP been disabled on the NE. Once the issue has been resolved SAM will automatically re-attempt.		

Table 24-89 PortEtherSymMonSDAlarm

Alarm	Attributes	Applicable major releases
Name: PortEtherSymMonSDAlarm (5662) Type: communicationsAlarm (4) Package: ethernetequipment Raised on class: ethernetequipment.EthernetPortSpecifics	Severity: major Implicitly cleared: true Default probable cause: etherPortSymMonSDThresholdExceededAlarm (2439)	<ul style="list-style-type: none"> • 3.2.0 • 3.3.0 • 3.4.0 • 4.0.0 • 4.1.0 • 4.2.0 • 5.0.0 • 5.1.0 • 5.2.0
Description: The alarm is raised when an Ethernet port Symbol Monitor Failure alarm condition is detected (Signal Degradation Threshold exceeded).		
Raising condition: ('Symbol Alarm Reason' EQUAL 'SD Threshold Exceeded')		
Clearing condition: ('Symbol Alarm Reason' NOT EQUAL 'SD Threshold Exceeded')		
Remedial action: Symbol monitor signal degradation alarm could be cleared by changing/disabling the associated threshold/multiplier values or it is self clearing and will clear once the error rate drops below 1/10th of the configured rate.		

Table 24-90 PortEtherSymMonSFAlarm

Alarm	Attributes	Applicable major releases
Name: PortEtherSymMonSFAlarm (5663) Type: communicationsAlarm (4) Package: ethernetequipment Raised on class: ethernetequipment.EthernetPortSpecifics	Severity: major Implicitly cleared: true Default probable cause: etherPortSymMonSFThresholdExceededAlarm (2440)	<ul style="list-style-type: none"> • 3.2.0 • 3.3.0 • 3.4.0 • 4.0.0 • 4.1.0 • 4.2.0 • 5.0.0 • 5.1.0 • 5.2.0
Description: The alarm is raised when an Ethernet port Symbol Monitor Failure alarm condition is detected (Signal Failure Threshold exceeded).		
Raising condition: ('Symbol Alarm Reason' EQUAL 'SF Threshold Exceeded')		
Clearing condition: ('Symbol Alarm Reason' NOT EQUAL 'SF Threshold Exceeded')		
Remedial action: Symbol monitor signal failure alarm could be cleared by changing/disabling the associated threshold/multiplier values or by taking the port out of service (eg. shutdown, card/mda reset, physical link loss).		

Table 24-91 PrimaryImageBootFailure

Alarm	Attributes	Applicable major releases
Name: PrimaryImageBootFailure (191) Type: configurationAlarm (11) Package: sw Raised on class: sw.CardSoftware	Severity: warning Implicitly cleared: true Default probable cause: bootOptionFileMisconfigured (150)	<ul style="list-style-type: none"> • 3.2.0 • 3.3.0 • 3.4.0 • 4.0.0 • 4.1.0 • 4.2.0 • 5.0.0 • 5.1.0 • 5.2.0
Description: The alarm is raised when the primary software image specified in an NE BOF is unusable.		
Raising condition: (('imageSource' NOT EQUAL 'Primary') AND ('imageSource' NOT EQUAL 'Unknown'))		
Clearing condition: (('imageSource' EQUAL 'Primary') OR ('imageSource' EQUAL 'Unknown'))		
Remedial action: The SW image on the NE may have been inadvertently corrupted. Download a new copy of the SW image to the NE. If the problem persists contact Alcatel-Lucent support for assistance.		

Table 24-92 PTPNotQualified

Alarm	Attributes	Applicable major releases
Name: PTPNotQualified (3611) Type: communicationsAlarm (4) Package: sonet Raised on class: sonet.SiteSync	Severity: minor Implicitly cleared: true Default probable cause: PTPNotQualified (1400)	<ul style="list-style-type: none"> • 3.2.0 • 3.3.0 • 3.4.0 • 4.0.0 • 4.1.0 • 4.2.0 • 5.0.0 • 5.1.0 • 5.2.0
Description: The alarm is raised when PTP on an NE is not in the Qualified state.		
Raising condition: (('Qualified For Use' EQUAL 'Not Qualified'))		
Clearing condition: (('Qualified For Use' NOT EQUAL 'Not Qualified'))		
Remedial action: Check the communication path is up between the local PTP slave clock and its selected master		

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Table 24-93 PTPReferenceLossOfSignal

Alarm	Attributes	Applicable major releases
Name: PTPReferenceLossOfSignal (3613) Type: communicationsAlarm (4) Package: sonet Raised on class: sonet.SiteSync	Severity: minor Implicitly cleared: true Default probable cause: PTPReferenceLossOfSignal (1402)	<ul style="list-style-type: none"> • 3.2.0 • 3.3.0 • 3.4.0 • 4.0.0 • 4.1.0 • 4.2.0 • 5.0.0 • 5.1.0 • 5.2.0
Description: The alarm is raised when the PTP reference on an NE is not qualified due to Loss of Signal.		
Raising condition: (('Not Qualified Due To'anyBit'LOS'))		
Clearing condition: NOT (('Not Qualified Due To'anyBit'LOS'))		
Remedial action: Check the communication path is up between the local PTP slave clock and its selected master		

Table 24-94 PTPReferenceOutOfFrequency

Alarm	Attributes	Applicable major releases
Name: PTPReferenceOutOfFrequency (3614) Type: communicationsAlarm (4) Package: sonet Raised on class: sonet.SiteSync	Severity: minor Implicitly cleared: true Default probable cause: PTPReferenceOutOfFrequency (1403)	<ul style="list-style-type: none"> • 3.2.0 • 3.3.0 • 3.4.0 • 4.0.0 • 4.1.0 • 4.2.0 • 5.0.0 • 5.1.0 • 5.2.0
Description: The alarm is raised when the PTP Reference on an NE is not qualified due to Out of frequency.		
Raising condition: (('Not Qualified Due To'anyBit'OOF'))		
Clearing condition: NOT (('Not Qualified Due To'anyBit'OOF'))		
Remedial action: Make sure that frequency configured for Reference One is correct.		

Table 24-95 PTPReferenceOutOfPollInRange

Alarm	Attributes	Applicable major releases
Name: PTPReferenceOutOfPollInRange (3615) Type: communicationsAlarm (4) Package: sonet Raised on class: sonet.SiteSync	Severity: minor Implicitly cleared: true Default probable cause: PTPReferenceOutOfPollInRange (1404)	<ul style="list-style-type: none"> • 3.2.0 • 3.3.0 • 3.4.0 • 4.0.0 • 4.1.0 • 4.2.0 • 5.0.0 • 5.1.0 • 5.2.0
Description: The alarm is raised when the PTP Reference on an NE is not qualified state due to Out of poll in range.		
Raising condition: (('Not Qualified Due To'anyBit'OOPIR'))		
Clearing condition: NOT (('Not Qualified Due To'anyBit'OOPIR'))		
Remedial action: If there is packet flow, the PTP slave clock is in it's initial acquiring states where the sync-if-timing reference does not qualify just wait.		

Table 24-96 RadiusOperStatusDown

Alarm	Attributes	Applicable major releases
Name: RadiusOperStatusDown (3692) Type: radiusOperStatusDownAlarm (105) Package: netw Raised on class: netw.NetworkElement	Severity: critical Implicitly cleared: true Default probable cause: radiusOperationStatusDown (1431)	<ul style="list-style-type: none"> • 3.2.0 • 3.3.0 • 3.4.0 • 4.0.0 • 4.1.0 • 4.2.0 • 5.0.0 • 5.1.0 • 5.2.0
Description: The alarm is raised when all RADIUS servers have gone down.		
Raising condition: ('Global RADIUS Operational State' EQUAL 'Down')		
Clearing condition: ('Global RADIUS Operational State' EQUAL 'Up')		
Remedial action: Verify the RADIUS server is properly configured and radius server state is up. Check the connectivity between SAM server and radius server configured on the Network element.		

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Table 24-97 ReachabilityProblem

Alarm	Attributes	Applicable major releases
Name: ReachabilityProblem (243) Type: communicationsAlarm (4) Package: netw Raised on class: netw.NetworkElement	Severity: major Implicitly cleared: true Default probable cause: ReachabilityTestFailed (176)	<ul style="list-style-type: none"> • 3.2.0 • 3.3.0 • 3.4.0 • 4.0.0 • 4.1.0 • 4.2.0 • 5.0.0 • 5.1.0 • 5.2.0
<p>Description: The alarm is raised when a mediation poll of the SysUpTimeAlarm object on an NE fails, for example, because of network congestion or because the NE is too busy to respond. The probable cause is an unreachable NE Mediation agent on the NE. The polling interval depends on the NE type and is configurable in nms-server.xml. By default, the 5620 SAM polls a managed NE every four minutes. If a poll fails, the alarm is raised. The alarm clears when the 5620 SAM receives a response from the NE, and the 5620 SAM GUI icon that represents the NE turns from red to green.</p>		
<p>Raising condition: ('SNMP Reachability' EQUAL 'Down')</p>		
<p>Remedial action: Informational - if the alarm persists or is occurring frequently then investigation is required to understand a) why the underlying transport network is unreliable or b) why the NE is too busy to respond to 5620 SAM or c) has SNMP been disabled on the NE. Once the issue has been resolved SAM will automatically re-attempt.</p>		

Table 24-98 ReconfigFailure

Alarm	Attributes	Applicable major releases
Name: ReconfigFailure (1949) Type: communicationsAlarm (4) Package: netw Raised on class: netw.NetworkElement	Severity: critical Implicitly cleared: true Default probable cause: failedReconfig (937)	<ul style="list-style-type: none"> • 3.2.0 • 3.3.0 • 3.4.0 • 4.0.0 • 4.1.0 • 4.2.0 • 5.0.0 • 5.1.0 • 5.2.0
<p>Description: This alarm is raised when the reconfig action failed.</p>		
<p>Raising condition: ('State' EQUAL 'Failed')</p>		
<p>Clearing condition: ('State' NOT EQUAL 'Failed')</p>		
<p>Remedial action: Verify that the object is configured as expected.</p>		

Table 24-99 RxDivMissing

Alarm	Attributes	Applicable major releases
Name: RxDivMissing (5646) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.Equipment	Severity: variable Implicitly cleared: true Default probable cause: RxDivMissing (2422)	<ul style="list-style-type: none"> • 3.2.0 • 3.3.0 • 3.4.0 • 4.0.0 • 4.1.0 • 4.2.0 • 5.0.0 • 5.1.0 • 5.2.0
Description: The alarm is raised when an MPT is attached with combiner enabled and Rx Diversity module is missing.		
Remedial action: Please refer MPR documentation for Corrective actions.		

Table 24-100 rxDivMissing

Alarm	Attributes	Applicable major releases
Name: rxDivMissing (8372) Type: equipmentAlarm (3) Package: mpr Raised on class: mpr.SubRackElements	Severity: variable Implicitly cleared: true Default probable cause: RxDivMissing (2422)	<ul style="list-style-type: none"> • 3.2.0 • 3.3.0 • 3.4.0 • 4.0.0 • 4.1.0 • 4.2.0 • 5.0.0 • 5.1.0 • 5.2.0
Description: The alarm is raised when an MPT is attached with combiner enabled and Rx Diversity module is missing.		
Remedial action: Please refer MPR documentation for Corrective actions.		

Table 24-101 RxSectionSynchronizationError

Alarm	Attributes	Applicable major releases
Name: RxSectionSynchronizationError (93) Type: communicationsAlarm (4) Package: sonetequipment Raised on class: sonetequipment.SonetPortMonitorSpecifics	Severity: major Implicitly cleared: true Default probable cause: rxSectionSynchronizationError (79)	<ul style="list-style-type: none"> • 3.2.0 • 3.3.0 • 3.4.0 • 4.0.0 • 4.1.0 • 4.2.0 • 5.0.0 • 5.1.0 • 5.2.0

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Alarm	Attributes	Applicable major releases
Description: The alarm is raised when a SONET port reports a section synchronization failure. A section synchronization failure occurs when the S1 byte is inconsistent for eight consecutive frames.		
Raising condition: (('Outstanding Alarms'anyBit'RX Section Synchronization Error') AND ('Report Alarms'anyBit'RX Section Synchronization Error'))		
Clearing condition: NOT (('Outstanding Alarms'anyBit'RX Section Synchronization Error') AND ('Report Alarms'anyBit'RX Section Synchronization Error'))		
Remedial action: Check the link status between SONET Port and the source.		

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Table 24-102 SaveConfigFailed

Alarm	Attributes	Applicable major releases
Name: SaveConfigFailed (105) Type: configurationAlarm (11) Package: sw Raised on class: sw.BackupRestoreManager	Severity: major Implicitly cleared: true Default probable cause: fileAccessError (90)	<ul style="list-style-type: none"> • 3.2.0 • 3.3.0 • 3.4.0 • 4.0.0 • 4.1.0 • 4.2.0 • 5.0.0 • 5.1.0 • 5.2.0
Description: The alarm is raised when the admin save command on an NE fails.		
Raising condition: ('Config Save State' EQUAL 'Failure')		
Clearing condition: ('Config Save State' EQUAL 'Success')		
Remedial action: Attempt the admin save command a second time. If the problem persists please contact Alcatel-Lucent support for assistance.		

Table 24-103 ScheduledPollerProblem

Alarm	Attributes	Applicable major releases
Name: ScheduledPollerProblem (4386) Type: communicationsAlarm (4) Package: netw Raised on class: netw.NetworkElement	Severity: warning Implicitly cleared: true Default probable cause: scheduledResyncFailed (1569)	<ul style="list-style-type: none"> • 3.2.0 • 3.3.0 • 3.4.0 • 4.0.0 • 4.1.0 • 4.2.0 • 5.0.0 • 5.1.0 • 5.2.0
Description: The alarm is raised when the 5620 SAM is unable to poll a network object, for example, because of intermittent or no IP connectivity to an NE, incorrect SNMP security parameters, or disabled SNMP on the NE.		
Raising condition: ('Scheduled Resync Status' EQUAL 'Scheduled Resync Failed')		

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Alarm	Attributes	Applicable major releases
Clearing condition: ('Scheduled Resync Status' EQUAL 'Scheduled Resync Done')		
Remedial action: Informational - if the alarm persists or is occurring frequently then investigation is required to understand a) why the underlying transport network is unreliable or b) why the NE is too busy to respond to 5620 SAM or c) has SNMP been disabled on the NE. Once the issue has been resolved SAM will automatically re-attempt.		

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Table 24-104 SectionB1Error

Alarm	Attributes	Applicable major releases
Name: SectionB1Error (87) Type: communicationsAlarm (4) Package: sonetequipment Raised on class: sonetequipment.SonetPortMonitorSpecifics	Severity: major Implicitly cleared: true Default probable cause: sectionB1Error (73)	<ul style="list-style-type: none"> • 3.2.0 • 3.3.0 • 3.4.0 • 4.0.0 • 4.1.0 • 4.2.0 • 5.0.0 • 5.1.0 • 5.2.0
Description: The alarm is raised when a SONET port reports a section error condition that a remote NE raises because of b1 errors received from the local NE. The alarm corresponds to the lrei alarm on an NE.		
Raising condition: (('Outstanding Alarms'anyBit'Section B1 Error') AND ('Report Alarms'anyBit'Section B1 Error'))		
Clearing condition: NOT (('Outstanding Alarms'anyBit'Section B1 Error') AND ('Report Alarms'anyBit'Section B1 Error'))		
Remedial action: Check the SONET port is configured correctly and that the physical layer cabling is operating correctly. Call customer support if necessary.		

Table 24-105 SectionLossOfFrame

Alarm	Attributes	Applicable major releases
Name: SectionLossOfFrame (90) Type: communicationsAlarm (4) Package: sonetequipment Raised on class: sonetequipment.SonetPortMonitorSpecifics	Severity: major Implicitly cleared: true Default probable cause: sectionLossOfFrame (76)	<ul style="list-style-type: none"> • 3.2.0 • 3.3.0 • 3.4.0 • 4.0.0 • 4.1.0 • 4.2.0 • 5.0.0 • 5.1.0 • 5.2.0
Description: The alarm is raised when a SONET port reports a SLOF error. The alarm corresponds to the slof alarm on an NE.		
Raising condition: (('Outstanding Alarms'anyBit'Section Loss of Frame') AND ('Report Alarms'anyBit'Section Loss of Frame'))		
Clearing condition: NOT (('Outstanding Alarms'anyBit'Section Loss of Frame') AND ('Report Alarms'anyBit'Section Loss of Frame'))		
Remedial action: One of the following conditions exists on the referenced physical interface which must be corrected. A cable/fiber fault exists which must be corrected - check to ensure that the cable is not faulty and is properly connected.		

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Table 24-106 SectionLossOfSignal

Alarm	Attributes	Applicable major releases
Name: SectionLossOfSignal (91) Type: communicationsAlarm (4) Package: sonetequipment Raised on class: sonetequipment.SonetPortMonitorSpecifics	Severity: major Implicitly cleared: true Default probable cause: sectionLossOfSignal (77)	<ul style="list-style-type: none"> • 3.2.0 • 3.3.0 • 3.4.0 • 4.0.0 • 4.1.0 • 4.2.0 • 5.0.0 • 5.1.0 • 5.2.0
Description: The alarm is raised when a SONET port reports a SLOS error. The alarm corresponds to the slos alarm on an NE.		
Raising condition: (('Outstanding Alarms'anyBit'Section Loss of Signal') AND ('Report Alarms'anyBit'Section Loss of Signal'))		
Clearing condition: NOT (('Outstanding Alarms'anyBit'Section Loss of Signal') AND ('Report Alarms'anyBit'Section Loss of Signal'))		
Remedial action: One of the following conditions exists on the referenced physical interface which must be corrected. A cable/fiber fault exists which must be corrected - check to ensure that the cable is not faulty and is properly connected.		

Table 24-107 SectionS1Failure

Alarm	Attributes	Applicable major releases
Name: SectionS1Failure (86) Type: communicationsAlarm (4) Package: sonetequipment Raised on class: sonetequipment.SonetPortMonitorSpecifics	Severity: major Implicitly cleared: true Default probable cause: sectionS1Failure (72)	<ul style="list-style-type: none"> • 3.2.0 • 3.3.0 • 3.4.0 • 4.0.0 • 4.1.0 • 4.2.0 • 5.0.0 • 5.1.0 • 5.2.0
Description: The alarm is raised when a SONET port reports a section synchronization failure. A section synchronization failure occurs when the S1 byte is inconsistent for eight consecutive frames.		
Raising condition: (('Outstanding Alarms'anyBit'Section S1 Failure') AND ('Report Alarms'anyBit'Section S1 Failure'))		
Clearing condition: NOT (('Outstanding Alarms'anyBit'Section S1 Failure') AND ('Report Alarms'anyBit'Section S1 Failure'))		
Remedial action: Check the SONET port is configured correctly and that the physical layer cabling is operating correctly. Call customer support if necessary.		

Table 24-108 ServiceSiteDown

Alarm	Attributes	Applicable major releases
Name: ServiceSiteDown (97) Type: serviceAlarm (16) Package: service Raised on class: service.Site	Severity: critical Implicitly cleared: true Default probable cause: siteDown (83)	<ul style="list-style-type: none"> • 3.2.0 • 3.3.0 • 3.4.0 • 4.0.0 • 4.1.0 • 4.2.0 • 5.0.0 • 5.1.0 • 5.2.0
Description: The alarm is raised when all SAPs on a site are operationally down, or when the service tunnels for the site are operationally down.		
Raising condition: (('Operational State' NOT EQUAL 'Up') AND ('State Cause' NOT EQUAL 'All Spoke SDP Bindings are Standby'))		
Clearing condition: (('Operational State' EQUAL 'Up') OR ('State Cause' EQUAL 'All Spoke SDP Bindings are Standby'))		
Remedial action: The network resources (i.e. physical ports for SAPs, or physical ports/LSP) associated with the service site should be examined to determine if/why they are operationally down. The underlying transport network supporting the site may also be unreliable.		

Table 24-109 SiteManagementVlanConflict

Alarm	Attributes	Applicable major releases
Name: SiteManagementVlanConflict (223) Type: configurationAlarm (11) Package: vlan Raised on class: vlan.Site	Severity: warning Implicitly cleared: true Default probable cause: topologyMisconfigured (81)	<ul style="list-style-type: none"> • 3.2.0 • 3.3.0 • 3.4.0 • 4.0.0 • 4.1.0 • 4.2.0 • 5.0.0 • 5.1.0 • 5.2.0
Description: The alarm is raised when the management VLAN ID is used for another type of service.		
Raising condition: ('managementVlanConflict' EQUAL 'true')		
Clearing condition: ('managementVlanConflict' EQUAL 'false')		
Remedial action: Ensure that the VLAN ID of this Management Service Site is not used on any other type of VLAN Service Site.		

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Table 24-110 SiteVlanSubTypeConflict

Alarm	Attributes	Applicable major releases
Name: SiteVlanSubTypeConflict (224) Type: configurationAlarm (11) Package: vlan Raised on class: vlan.Site	Severity: major Implicitly cleared: true Default probable cause: topologyMisconfigured (81)	<ul style="list-style-type: none"> • 3.2.0 • 3.3.0 • 3.4.0 • 4.0.0 • 4.1.0 • 4.2.0 • 5.0.0 • 5.1.0 • 5.2.0
Description: The alarm is raised when more than one type of VLAN service has the same VLAN ID. The alarm is raised against a site.		
Raising condition: ('vlanSubTypeConflict' EQUAL 'true')		
Clearing condition: ('vlanSubTypeConflict' EQUAL 'false')		
Remedial action: Ensure that only one type of VLAN Service is configured with the VLAN ID used by this Site.		

Table 24-111 StatsRetrieveFailed

Alarm	Attributes	Applicable major releases
Name: StatsRetrieveFailed (244) Type: configurationAlarm (11) Package: sw Raised on class: sw.AccountingStatsRetrievalManager	Severity: major Implicitly cleared: false Default probable cause: fileTransferFailure (89)	<ul style="list-style-type: none"> • 3.2.0 • 3.3.0 • 3.4.0 • 4.0.0 • 4.1.0 • 4.2.0 • 5.0.0 • 5.1.0 • 5.2.0
Description: The alarm is raised when the 5620 SAM main or auxiliary server cannot transfer an accounting file from an NE.		
Raising condition: (('Stats Retrieval State' NOT EQUAL 'Success') AND ('Stats Retrieval State' NOT EQUAL 'Not Attempted'))		
Remedial action: Informational - if the alarm persists or is occurring frequently then investigation is required to understand a) why the underlying transport network is unreliable or b) why the NE is too busy or otherwise cannot respond to the 5620 SAM main or auxiliary server.		

Table 24-112 SubscriberSystemNextHopUsageHigh

Alarm	Attributes	Applicable major releases
Name: SubscriberSystemNextHopUsageHigh (5157) Type: thresholdCrossed (6) Package: netw Raised on class: netw.NetworkElement	Severity: minor Implicitly cleared: true Default probable cause: resourceFull (53)	<ul style="list-style-type: none"> • 3.2.0 • 3.3.0 • 3.4.0 • 4.0.0 • 4.1.0 • 4.2.0 • 5.0.0 • 5.1.0 • 5.2.0
Description: The alarm is raised when the IP next-hop usage by subscriber managed routes reaches its high watermark, cleared when it reaches its low watermark again; the watermarks are derived from the limit specified with the property subSysNextHopLimit.		
Raising condition: ('IP Next Hop Usage High' EQUAL 'true')		
Clearing condition: ('IP Next Hop Usage High' EQUAL 'false')		
Remedial action: The alarm is raised when the IP next-hop usage by subscriber managed routes reaches its high watermark, cleared when it reaches its low watermark again; the watermarks are derived from the limit specified with the property subSysNextHopLimit. There is no immediate effect, but when the usage actually hits the limit, new hosts will not get their managed routes.		

Table 24-113 SubSysChassMemoryUsageHi

Alarm	Attributes	Applicable major releases
Name: SubSysChassMemoryUsageHi (5656) Type: thresholdCrossed (6) Package: equipment Raised on class: equipment.Shelf	Severity: minor Implicitly cleared: true Default probable cause: resourceFull (53)	<ul style="list-style-type: none"> • 3.2.0 • 3.3.0 • 3.4.0 • 4.0.0 • 4.1.0 • 4.2.0 • 5.0.0 • 5.1.0 • 5.2.0
Description: This alarm is raised when the memory usage by subscriber management on this system or chassis reaches its high watermark ('true').		
Raising condition: ('Memory Usage High' EQUAL 'True')		
Clearing condition: (('Memory Usage High' EQUAL 'False') OR ('Memory Usage High' EQUAL 'unspecified'))		
Remedial action: The memory usage by subscriber management on this system has reached its high watermark. Please check your memory usage.		

Table 24-114 TmnxEqPortEtherLoopDetected

Alarm	Attributes	Applicable major releases
Name: TmnxEqPortEtherLoopDetected (461) Type: portEtherLoopDetected (48) Package: ethernetequipment Raised on class: ethernetequipment.EthernetPortSpecifics	Severity: major Implicitly cleared: true Default probable cause: HighBer (238)	<ul style="list-style-type: none"> • 3.2.0 • 3.3.0 • 3.4.0 • 4.0.0 • 4.1.0 • 4.2.0 • 5.0.0 • 5.1.0 • 5.2.0
Description: The alarm is raised when a device detects a physical loop on an Ethernet port.		
Raising condition: (('Down When Looped Status' EQUAL 'Loop Detected'))		
Clearing condition: (('Down When Looped Status' EQUAL 'No Loop Detected'))		
Remedial action: An Ethernet port has been mis-cabled - please remove the loopback cable on the port.		

Table 24-115 TrapDestinationMisconfigured

Alarm	Attributes	Applicable major releases
Name: TrapDestinationMisconfigured (33) Type: configurationAlarm (11) Package: netw Raised on class: netw.NetworkElement	Severity: major Implicitly cleared: true Default probable cause: trapDestinationMisconfigured (26) Applicable probable causes: <ul style="list-style-type: none"> • trapDestinationMisconfigured • duplicateTrapLogId 	<ul style="list-style-type: none"> • 3.2.0 • 3.3.0 • 3.4.0 • 4.0.0 • 4.1.0 • 4.2.0 • 5.0.0 • 5.1.0 • 5.2.0
Description: The alarm is raised when the 5620 SAM cannot be added to the NE's SNMP trap destinations.		
Raising condition: ('isTrapDestinationMisconfigured' EQUAL 'true')		
Clearing condition: ('isTrapDestinationMisconfigured' EQUAL 'false')		
Remedial action: A configuration error has been made which must be corrected. The SNMP trap destination on the NE must be configured to the IP address of the SAM server.		

Table 24-116 TrapReceivingFailure

Alarm	Attributes	Applicable major releases
Name: TrapReceivingFailure (1083) Type: communications (87) Package: netw Raised on class: netw.NetworkElement	Severity: major Implicitly cleared: false Default probable cause: trapsWillNotBeSent (822)	<ul style="list-style-type: none"> • 3.2.0 • 3.3.0 • 3.4.0 • 4.0.0 • 4.1.0 • 4.2.0 • 5.0.0 • 5.1.0 • 5.2.0
Description: This user-defined alarm is raised when the NE is unable to send traps because the NE configuration is one of the following: - The Management IP Selection is set to Out Of Band Only, the Primary Route Preference is set to In Band, and the Secondary Route Preference is set to None. - The Management IP Selection is set to In Band Only, the Primary Route Preference is set to Out Of Band, and the Secondary Route Preference is set to None.		
Raising condition: (((('Active Management IP' EQUAL 'In Band') AND ('Management IP Selection' EQUAL 'In Band Only') AND ('Primary Route Preference' EQUAL 'Out Of Band') AND ('Secondary Route Preference' EQUAL 'None')) OR (('Active Management IP' EQUAL 'Out Of Band') AND ('Management IP Selection' EQUAL 'Out Of Band Only') AND ('Primary Route Preference' EQUAL 'In Band') AND ('Secondary Route Preference' EQUAL 'None')) OR (('Active Management IP' EQUAL 'Out Of Band') AND ('Management IP Selection' EQUAL 'In Band Preferred') AND ('Primary Route Preference' EQUAL 'In Band') AND ('Secondary Route Preference' EQUAL 'None')) OR (('Active Management IP' EQUAL 'In Band') AND ('Management IP Selection' EQUAL 'Out Of Band Preferred') AND ('Primary Route Preference' EQUAL 'Out Of Band') AND ('Secondary Route Preference' EQUAL 'None'))))		
Clearing condition: (((('Active Management IP' EQUAL 'In Band') AND ('Management IP Selection' EQUAL 'In Band Only') AND (('Primary Route Preference' EQUAL 'In Band') OR ('Secondary Route Preference' EQUAL 'In Band')) OR (('Active Management IP' EQUAL 'Out Of Band') AND ('Management IP Selection' EQUAL 'Out Of Band Only') AND (('Primary Route Preference' EQUAL 'Out Of Band') OR ('Secondary Route Preference' EQUAL 'Out Of Band')) OR (('Active Management IP' EQUAL 'Out Of Band') AND ('Management IP Selection' EQUAL 'Out Of Band')) OR (('Active Management IP' EQUAL 'In Band') AND ('Management IP Selection' EQUAL 'In Band Preferred') AND (('Primary Route Preference' EQUAL 'In Band') OR ('Secondary Route Preference' EQUAL 'In Band')) OR (('Active Management IP' EQUAL 'In Band') AND ('Management IP Selection' EQUAL 'Out Of Band Preferred') AND (('Primary Route Preference' EQUAL 'In Band') OR ('Secondary Route Preference' EQUAL 'In Band')) OR (('Active Management IP' EQUAL 'Out Of Band') AND ('Management IP Selection' EQUAL 'Out Of Band Preferred') AND (('Primary Route Preference' EQUAL 'Out Of Band') OR ('Secondary Route Preference' EQUAL 'Out Of Band'))))		
Remedial action: A configuration error has been made which must be corrected. The configuration error must be corrected per the discussion in the description for this alarm.		

Table 24-117 TrapRoutePreferenceRedundancyMissing

Alarm	Attributes	Applicable major releases
Name: TrapRoutePreferenceRedundancyMissing (1084) Type: communications (87) Package: netw Raised on class: netw.NetworkElement	Severity: warning Implicitly cleared: true Default probable cause: trapsRedundancyMissing (823)	<ul style="list-style-type: none"> • 3.2.0 • 3.3.0 • 3.4.0 • 4.0.0 • 4.1.0 • 4.2.0 • 5.0.0 • 5.1.0 • 5.2.0
Description: The user-defined alarm is raised when NE management redundancy is configured without trap route preference redundancy.		

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Alarm	Attributes	Applicable major releases
Raising condition: (((('Management IP Selection' EQUAL 'In Band Preferred') AND ('Active Management IP' EQUAL 'In Band') AND ('Primary Route Preference' EQUAL 'In Band') AND ('Secondary Route Preference' EQUAL 'None')) OR (('Management IP Selection' EQUAL 'Out Of Band Preferred') AND ('Active Management IP' EQUAL 'Out Of Band') AND ('Primary Route Preference' EQUAL 'Out Of Band') AND ('Secondary Route Preference' EQUAL 'None'))))		
Clearing condition: (((('Management IP Selection' EQUAL 'In Band Preferred') AND ('Active Management IP' EQUAL 'In Band') AND ('Secondary Route Preference' NOT EQUAL 'None')) OR (('Management IP Selection' EQUAL 'Out Of Band Preferred') AND ('Active Management IP' EQUAL 'Out Of Band') AND ('Secondary Route Preference' NOT EQUAL 'None'))))		
Remedial action: A configuration error has been made which must be corrected. The IP address of the standby SAM server must be configured on the NE in question.		

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Table 24-118 TxSectionSynchronizationError

Alarm	Attributes	Applicable major releases
Name: TxSectionSynchronizationError (92) Type: communicationsAlarm (4) Package: sonetequipment Raised on class: sonetequipment.SonetPortMonitorSpecifics	Severity: major Implicitly cleared: true Default probable cause: txSectionSynchronizationError (78)	<ul style="list-style-type: none"> • 3.2.0 • 3.3.0 • 3.4.0 • 4.0.0 • 4.1.0 • 4.2.0 • 5.0.0 • 5.1.0 • 5.2.0
Description: The alarm is raised when a SONET port reports an SS1F error. The alarm corresponds to the ss1f alarm on an NE.		
Raising condition: (('Outstanding Alarms'anyBit'TX Section Synchronization Error') AND ('Report Alarms'anyBit'TX Section Synchronization Error'))		
Clearing condition: NOT (('Outstanding Alarms'anyBit'TX Section Synchronization Error') AND ('Report Alarms'anyBit'TX Section Synchronization Error'))		
Remedial action: Check the SONET port is configured correctly and that the physical layer cabling is operating correctly. Call customer support if necessary.		

Table 24-119 UnidentifiedNode

Alarm	Attributes	Applicable major releases
Name: UnidentifiedNode (1922) Type: communicationsAlarm (4) Package: netw Raised on class: netw.DiscoveredNode	Severity: major Implicitly cleared: true Default probable cause: unidentifiedNode (922)	<ul style="list-style-type: none"> • 3.2.0 • 3.3.0 • 3.4.0 • 4.0.0 • 4.1.0 • 4.2.0 • 5.0.0 • 5.1.0 • 5.2.0

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Alarm	Attributes	Applicable major releases
Description: The alarm is raised when the node being discovered can not be properly identified.		
Raising condition: ('State' EQUAL 'Pending Identification')		
Clearing condition: ('State' NOT EQUAL 'Pending Identification')		
Remedial action: A configuration error has occurred that must be corrected. The eNodeB does not have a system name. The name can be configured by selecting the alarm, opening the associated properties form for the alarmed object and configuring the system name.		

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Table 24-120 UnmanageFailed

Alarm	Attributes	Applicable major releases
Name: UnmanageFailed (300) Type: discoveryControlAlarm (33) Package: netw Raised on class: netw.NodeDiscoveryControl	Severity: warning Implicitly cleared: true Default probable cause: unableToDeleteNode (231)	<ul style="list-style-type: none"> • 3.2.0 • 3.3.0 • 3.4.0 • 4.0.0 • 4.1.0 • 4.2.0 • 5.0.0 • 5.1.0 • 5.2.0
Description: The alarm is raised when an attempt to unmanage an NE fails.		
Raising condition: ('Site State' EQUAL 'Unmanage Failed')		
Clearing condition: ('Site State' NOT EQUAL 'Unmanage Failed')		
Remedial action: Informational - if the alarm persists please contact Alcatel-Lucent support for assistance		

Table 24-121 unsupportedPortUsage

Alarm	Attributes	Applicable major releases
Name: unsupportedPortUsage (5184) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.Port	Severity: warning Implicitly cleared: true Default probable cause: incompatiblePortUsage (2100)	<ul style="list-style-type: none"> • 3.2.0 • 3.3.0 • 3.4.0 • 4.0.0 • 4.1.0 • 4.2.0 • 5.0.0 • 5.1.0 • 5.2.0
Description: The alarm is raised in case unsupported port type is configured		
Remedial action: This alarm indicates unsupported port usage. Port usage configured on the NE is not supported by SAM.		

Table 24-122 UpgradedBuildVersionMismatch

Alarm	Attributes	Applicable major releases
Name: UpgradedBuildVersionMismatch (174) Type: configurationAlarm (11) Package: netw Raised on class: netw.NetworkElement	Severity: warning Implicitly cleared: true Default probable cause: upgradedImageNotBooted (137)	<ul style="list-style-type: none"> • 3.2.0 • 3.3.0 • 3.4.0 • 4.0.0 • 4.1.0 • 4.2.0 • 5.0.0 • 5.1.0 • 5.2.0
Description: The alarm is raised when the software version that an NE reports after a software upgrade does not match the version of the software used for the upgrade.		
Raising condition: ('upgradedBuildVersionMismatch' EQUAL 'true')		
Clearing condition: ('upgradedBuildVersionMismatch' EQUAL 'false')		
Remedial action: Informational - if the alarm persists please contact Alcatel-Lucent support for assistance		

Table 24-123 upgradedCardAlarm

Alarm	Attributes	Applicable major releases
Name: upgradedCardAlarm (255) Type: softwareAlarm (19) Package: equipment Raised on class: equipment.Card	Severity: warning Implicitly cleared: true Default probable cause: upgradedCard (194)	<ul style="list-style-type: none"> • 3.2.0 • 3.3.0 • 3.4.0 • 4.0.0 • 4.1.0 • 4.2.0 • 5.0.0 • 5.1.0 • 5.2.0
Description: The alarm is raised when the standby CPM is rebooted and operational after a software upgrade. A device resets an IOM automatically after 120 minutes if the IOM is not manually reset after a CPM upgrade.		
Raising condition: ('operationalState' EQUAL 'Upgrade')		
Clearing condition: ('operationalState' EQUAL 'Up')		
Remedial action: Informational - no corrective action required.		

Table 24-124 VersionConfigRestoreFailed

Alarm	Attributes	Applicable major releases
Name: VersionConfigRestoreFailed (536) Type: configurationAlarm (11) Package: sw Raised on class: sw.BackupRestoreManager	Severity: major Implicitly cleared: true Default probable cause: versionMismatch (405)	<ul style="list-style-type: none"> • 3.2.0 • 3.3.0 • 3.4.0 • 4.0.0 • 4.1.0 • 4.2.0 • 5.0.0 • 5.1.0 • 5.2.0
Description: The alarm is raised when the restore procedure on an NE fails because of a mismatch between the backup file set version and the NE software version.		
Raising condition: ('lastNmsVersionRestoreState' EQUAL 'Failure')		
Clearing condition: ('lastNmsVersionRestoreState' EQUAL 'Success')		
Remedial action: The backup files being restored do not match with the version of node software release. Download a new copy of the SW image to the NE. If the problem persists contact Alcatel-Lucent support for assistance.		

Table 24-125 VlanPathInstanceDown

Alarm	Attributes	Applicable major releases
Name: VlanPathInstanceDown (748) Type: VlanPathInstanceAlarm (61) Package: mpr Raised on class: mpr.VlanPathInstance	Severity: major Implicitly cleared: true Default probable cause: vlanPathInstanceDown (524)	<ul style="list-style-type: none"> • 3.2.0 • 3.3.0 • 3.4.0 • 4.0.0 • 4.1.0 • 4.2.0 • 5.0.0 • 5.1.0 • 5.2.0
Description: The alarm is raised when the Operational State of a VLAN path instance is Down, for example, because of one of the following conditions: - The radio link is down. - A cross connect is deleted. - The Operational State of one or more ports in the cross connect is Down.		
Raising condition: ('Operational State' NOT EQUAL 'Up')		
Clearing condition: ('Operational State' EQUAL 'Up')		
Remedial action: Ports and or links may be down. Please check the ports or links of the vlan path for root cause.		

Table 24-126 WrongCpaaSoftwareVersion

Alarm	Attributes	Applicable major releases
Name: WrongCpaaSoftwareVersion (791) Type: equipmentAlarm (3) Package: netw Raised on class: netw.NetworkElement	Severity: critical Implicitly cleared: true Default probable cause: wrongCpaaSoftwareVersion (559)	<ul style="list-style-type: none"> • 3.2.0 • 3.3.0 • 3.4.0 • 4.0.0 • 4.1.0 • 4.2.0 • 5.0.0 • 5.1.0 • 5.2.0
Description: The alarm is raised when the 7701 CPAA software is the wrong version and requires an upgrade.		
Raising condition: (('Software Version' EQUAL \"TIMOS-B-3.0.Generic \") AND ('Chassis Type' EQUAL '7701 CPAA'))		
Clearing condition: (('Software Version' NOT EQUAL \"TIMOS-B-3.0.Generic \") AND ('Chassis Type' EQUAL '7701 CPAA'))		
Remedial action: The SW version of the CPAA must be upgraded to the version compatible with CPAM version.		

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Note – Some alarms that the 5620 SAM can raise against this device may not be listed in this chapter. Associating alarms with specific NE types is an ongoing Alcatel-Lucent effort. If the 5620 SAM raises an alarm against this device type, and the alarm is not described in this chapter, see chapter 41 for information about the alarm.

Table 25-1 ActiveAbnormalCondition

Alarm	Attributes	Applicable major releases
Name: ActiveAbnormalCondition (3938) Type: activeAbnormalConditionAlarm (116) Package: netw Raised on class: netw.NetworkElement	Severity: major Implicitly cleared: true Default probable cause: ActiveAbnormalConditionState (1520)	<ul style="list-style-type: none"> • 3.3.0 • 4.0.0 • 4.1.0 • 4.2.0 • 5.0.0
Description: The alarm is an indication for abnormal condition on NE.		
Raising condition: ('abnormalCondition' EQUAL 'true')		
Clearing condition: ('abnormalCondition' EQUAL 'false')		
Remedial action: This alarm is raised when there is a abnormal state indication on NE.		

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Table 25-2 AggregatedVFLPortDown

Alarm	Attributes	Applicable major releases
Name: AggregatedVFLPortDown (5436) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.Shelf	Severity: critical Implicitly cleared: true Default probable cause: connectivityIssue (2137)	<ul style="list-style-type: none"> • 3.3.0 • 4.0.0 • 4.1.0 • 4.2.0 • 5.0.0
Description: The alarm is generated when the aggregated virtual fabric link on the virtual chassis slot is down.		
Raising condition: (('Shelf Type' EQUAL '7850') AND ('Total Slots' EQUAL '4') AND ('Virtual Fabric Link State' NOT EQUAL 'Up'))		
Clearing condition: (('Shelf Type' EQUAL '7850') AND ('Total Slots' EQUAL '4') AND ('Virtual Fabric Link State' EQUAL 'Up'))		
Remedial action: The alarm is raised when the aggregated virtual fabric link on the virtual chassis is down. Please check the virtual fabric links for the virtual chassis setup.		

Table 25-3 AGWDiameterPeerDown

Alarm	Attributes	Applicable major releases
Name: AGWDiameterPeerDown (844) Type: EpcAlarm (59) Package: lte Raised on class: lte.AGWDiameterPeer	Severity: variable Implicitly cleared: true Default probable cause: EPSPeerDown (602)	<ul style="list-style-type: none"> • 3.3.0 • 4.0.0 • 4.1.0 • 4.2.0 • 5.0.0
Description: The alarm is raised when the path management state of a Diameter peer changes to a state other than Up.		
Raising condition: ('Path Diameter Management State' NOT EQUAL 'Active')		
Clearing condition: ('Path Diameter Management State' EQUAL 'Active')		
Remedial action: A Ga reference point (peer) is operationally down for one of the following reasons: the underlying IP or physical interface is down, the far end peer is down or the underlying transport between this NE and the peer NE is down. To resolve the issue ensure that the IP/physical interface is up, check that the far end peer is operational and check that the underlying transport network is up.		

Table 25-4 AuxiliaryServerStatus

Alarm	Attributes	Applicable major releases
Name: AuxiliaryServerStatus (311) Type: communicationsAlarm (4) Package: server Raised on class: server.AuxiliaryServer	Severity: critical Implicitly cleared: true Default probable cause: systemFailed (144)	<ul style="list-style-type: none"> • 3.3.0 • 4.0.0 • 4.1.0 • 4.2.0 • 5.0.0
Description: The alarm is raised when a 5620 SAM main server cannot communicate with an auxiliary server. The alarm clears when communication is restored.		
Raising condition: ('Server Status' EQUAL 'Down')		

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Alarm	Attributes	Applicable major releases
Clearing condition: ('Server Status' EQUAL 'Up')		
Remedial action: Informational - if the alarm persists or is occurring frequently then investigation is required to understand why the connectivity between the AUX and SAM servers is unreliable.		

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Table 25-5 BootableConfigBackupFailed

Alarm	Attributes	Applicable major releases
Name: BootableConfigBackupFailed (103) Type: configurationAlarm (11) Package: sw Raised on class: sw.BackupRestoreManager	Severity: major Implicitly cleared: true Default probable cause: fileTransferFailure (89)	<ul style="list-style-type: none"> • 3.3.0 • 4.0.0 • 4.1.0 • 4.2.0 • 5.0.0
Description: The alarm is raised when the 5620 SAM fails to back up a set of NE configuration files.		
Raising condition: ('Backup State' EQUAL 'Failure')		
Clearing condition: ('Backup State' EQUAL 'Success')		
Remedial action: Investigation is required to resolve the following possible scenarios: insufficient disk space is available to accommodate the NE configuration files (additional SAM platform alarms will accompany this alarm); the NE is unreachable (including underlying transport network issue); loss of connectivity to the NE during transfer; the FTP daemon on the NE may have stopped; FTP security credential issues.		

Table 25-6 BootableConfigRestoreFailed

Alarm	Attributes	Applicable major releases
Name: BootableConfigRestoreFailed (104) Type: configurationAlarm (11) Package: sw Raised on class: sw.BackupRestoreManager	Severity: major Implicitly cleared: true Default probable cause: fileTransferFailure (89)	<ul style="list-style-type: none"> • 3.3.0 • 4.0.0 • 4.1.0 • 4.2.0 • 5.0.0
Description: The alarm is raised when the 5620 SAM fails to restore a set of NE configuration files.		
Raising condition: ('Restore State' EQUAL 'Failure')		
Clearing condition: ('Restore State' EQUAL 'Success')		
Remedial action: Investigation is required to resolve the following possible scenarios: the NE is unreachable (including underlying transport network issue); loss of connectivity to the NE during transfer; the FTP daemon on the NE may have stopped; FTP security credential issues.		

Table 25-7 BootParametersMisconfigured

Alarm	Attributes	Applicable major releases
Name: BootParametersMisconfigured (35) Type: configurationAlarm (11) Package: netw Raised on class: netw.NetworkElement	Severity: critical Implicitly cleared: true Default probable cause: persistentIndexFailure (30) Applicable probable causes: <ul style="list-style-type: none"> • persistentIndexFailure • configFileBootFailure 	<ul style="list-style-type: none"> • 3.3.0 • 4.0.0 • 4.1.0 • 4.2.0 • 5.0.0
Description: The alarm is raised when the SNMP Index Boot Status on an NE is not set to Persistent.		
Raising condition: (('isGenericNode' EQUAL 'false') AND ('State' NOT EQUAL 'Pre-provisioned') AND (((('Config File Status' NOT EQUAL 'Executed Successfully') AND ('Config File Status' NOT EQUAL 'configFileStatus_unspecified')) OR (('Persistent Index Status' NOT EQUAL 'Rebuild Succeeded') AND ('Persistent Index Status' NOT EQUAL 'persistentIndexStatus_unspecified'))))		
Clearing condition: (('Config File Status' EQUAL 'Executed Successfully') AND ('Persistent Index Status' EQUAL 'Rebuild Succeeded'))		
Remedial action: Ensure that "SNMP Index Boot Status" is persistent (using cli command "show system information" on the NE). If not, unmanage the network element from SAM, ensure that "persist on" is set in the bof file, save the bof, save a config file, verify that an index file (.ndx) is saved as well, reboot the router, verify that SNMP Index Boot Status is persistent and finally remanage the router from SAM.		

Table 25-8 ClientDelegateServerStatus

Alarm	Attributes	Applicable major releases
Name: ClientDelegateServerStatus (731) Type: communicationsAlarm (4) Package: server Raised on class: server.ClientDelegateServer	Severity: critical Implicitly cleared: true Default probable cause: systemFailed (144)	<ul style="list-style-type: none"> • 3.3.0 • 4.0.0 • 4.1.0 • 4.2.0 • 5.0.0
Description: The alarm is raised when a client delegate server is unreachable.		
Raising condition: ('Server Status' EQUAL 'Down')		
Clearing condition: ('Server Status' EQUAL 'Up')		
Remedial action: Informational - if the alarm persists or is occurring frequently then investigation is required to understand why the connectivity between the client delegate platform and SAM servers is unreliable or the client delegate server itself is unreliable.		

Table 25-9 ContainingEquipmentAdministrativelyDown

Alarm	Attributes	Applicable major releases
Name: ContainingEquipmentAdministrativelyDown (466) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.Port	Severity: minor Implicitly cleared: true Default probable cause: containingEquipmentAdministrativelyDown (330)	<ul style="list-style-type: none"> • 3.3.0 • 4.0.0 • 4.1.0 • 4.2.0 • 5.0.0

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Alarm	Attributes	Applicable major releases
Description: The alarm is raised when the compositeEquipmentState attribute has a value of containingEquipmentAdministrativelyDown.		
Raising condition: (('Status' EQUAL 'Parent Admin Down') AND ('isTerminatable' EQUAL 'true'))		
Clearing condition: (('Status' NOT EQUAL 'Parent Admin Down') OR ('isTerminatable' NOT EQUAL 'true'))		
Remedial action: Informational - no corrective action required.		

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Table 25-10 ContainingEquipmentMismatch

Alarm	Attributes	Applicable major releases
Name: ContainingEquipmentMismatch (464) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.Port	Severity: major Implicitly cleared: true Default probable cause: containingEquipmentMismatch (328)	<ul style="list-style-type: none"> • 3.3.0 • 4.0.0 • 4.1.0 • 4.2.0 • 5.0.0
Description: The alarm is raised when the compositeEquipmentState attribute has a value of containingEquipmentMismatch.		
Raising condition: (('Status' EQUAL 'Parent Type Mismatch') AND ('isTerminatable' EQUAL 'true'))		
Clearing condition: (('Status' NOT EQUAL 'Parent Type Mismatch') OR ('isTerminatable' NOT EQUAL 'true'))		
Remedial action: A configuration error has occurred which must be corrected. The card type configured for the slot identified in the alarm must match the installed card type.		

Table 25-11 ContainingEquipmentOperationallyDown

Alarm	Attributes	Applicable major releases
Name: ContainingEquipmentOperationallyDown (465) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.Port	Severity: major Implicitly cleared: true Default probable cause: containingEquipmentDown (329)	<ul style="list-style-type: none"> • 3.3.0 • 4.0.0 • 4.1.0 • 4.2.0 • 5.0.0
Description: The alarm is raised when the compositeEquipmentState attribute has a value of containingEquipmentOperationallyDown.		
Raising condition: (('Status' EQUAL 'Parent Oper Down') AND ('isTerminatable' EQUAL 'true'))		
Clearing condition: (('Status' NOT EQUAL 'Parent Oper Down') OR ('isTerminatable' NOT EQUAL 'true'))		
Remedial action: The operational state of the equipment element indicated in the alarm is down. This may be due to the element's administrative state or it may indicate that the element has failed.		

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Table 25-12 CorruptImageFile

Alarm	Attributes	Applicable major releases
Name: CorruptImageFile (171) Type: configurationAlarm (11) Package: mediation Raised on class: mediation.AbstractSoftwareFolderDescriptor	Severity: critical Implicitly cleared: true Default probable cause: invalidOrCorruptImageFile (134)	<ul style="list-style-type: none"> • 3.3.0 • 4.0.0 • 4.1.0 • 4.2.0 • 5.0.0
Description: The alarm is raised when one or more files in the 5620 SAM software image specified for a device software upgrade is invalid, corrupt or absent. The 5620 SAM validates a device software file set before it imports the file set and distributes it to an NE. Ensure that the file set downloads properly to the NE and is not tampered with before you re-attempt the upgrade. The alarm clears when a valid file set is on the NE and the 5620 SAM activates the software image in the file set.		
Raising condition: ('isImageValid' EQUAL 'false')		
Clearing condition: ('isImageValid' EQUAL 'true')		
Remedial action: The existing SW image in the SAM database should be replaced with an image that is known to be complete and valid.		

Table 25-13 downgradedCardAlarm

Alarm	Attributes	Applicable major releases
Name: downgradedCardAlarm (256) Type: softwareAlarm (19) Package: equipment Raised on class: equipment.Card	Severity: warning Implicitly cleared: true Default probable cause: downgradedCard (195)	<ul style="list-style-type: none"> • 3.3.0 • 4.0.0 • 4.1.0 • 4.2.0 • 5.0.0
Description: The alarm is raised when an IOM is not upgraded or reset after a device software upgrade of both CPMs. A device resets an IOM automatically after 120 minutes if the IOM is not manually reset after a CPM upgrade.		
Raising condition: ('operationalState' EQUAL 'Downgrade')		
Clearing condition: ('operationalState' EQUAL 'Up')		
Remedial action: Informational - no corrective action required.		

Table 25-14 EquipmentAdministrativelyDown

Alarm	Attributes	Applicable major releases
Name: EquipmentAdministrativelyDown (455) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.Equipment	Severity: minor Implicitly cleared: true Default probable cause: equipmentAdministrativelyDown (326)	<ul style="list-style-type: none"> • 3.3.0 • 4.0.0 • 4.1.0 • 4.2.0 • 5.0.0
Description: The alarm is raised when the compositeEquipmentState attribute has a value of equipmentAdministrativelyDown.		
Raising condition: ('compositeEquipmentState' EQUAL 'Admin Down')		

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Alarm	Attributes	Applicable major releases
Clearing condition: ('compositeEquipmentState' NOT EQUAL 'Admin Down')		
Remedial action: Informational - no corrective action required.		

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Table 25-15 EquipmentDown

Alarm	Attributes	Applicable major releases
Name: EquipmentDown (10) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.Equipment	Severity: major Implicitly cleared: true Default probable cause: inoperableEquipment (8)	<ul style="list-style-type: none"> • 3.3.0 • 4.0.0 • 4.1.0 • 4.2.0 • 5.0.0
Description: The alarm is raised when the compositeEquipmentState attribute has a value of equipmentOperationallyDown.		
Raising condition: ('compositeEquipmentState' EQUAL 'Oper Down')		
Clearing condition: ('compositeEquipmentState' NOT EQUAL 'Oper Down')		
Remedial action: This alarm indicates that a card in the NE has failed. The card must be replaced.		

Table 25-16 EquipmentFailure

Alarm	Attributes	Applicable major releases
Name: EquipmentFailure (145) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.ReplaceableUnit	Severity: critical Implicitly cleared: true Default probable cause: cardFailure (123)	<ul style="list-style-type: none"> • 3.3.0 • 4.0.0 • 4.1.0 • 4.2.0 • 5.0.0
Description: The alarm is raised when a control processor or power-supply tray reports a failure. When the object type is ControlProcessor, a CPM may be unable to boot. When the object type is Power Supply Tray and the alarm is raised during device discovery, a power-supply tray may be out of service. When the object type is a Power Supply Tray and the device is in the managed state, a power-supply tray may be out of service or the AC power shelf has a fault condition. The alarm clears when the status changes to OK.		
Raising condition: ('operationalState' EQUAL 'Failed')		
Clearing condition: ('operationalState' NOT EQUAL 'Failed')		
Remedial action: If the alarm indicates that the CPM card has a fault, remove the card and reset it. If this does not clear the alarm then please contact Alcatel-Lucent support for assistance. If the alarm indicates that the Power Supply tray is out of service ensure that the NE is properly connected to power. If the problem persists please contact Alcatel-Lucent support for assistance.		

Table 25-17 EquipmentInTest

Alarm	Attributes	Applicable major releases
Name: EquipmentInTest (11) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.Equipment	Severity: warning Implicitly cleared: true Default probable cause: equipmentInTest (9)	<ul style="list-style-type: none"> • 3.3.0 • 4.0.0 • 4.1.0 • 4.2.0 • 5.0.0
Description: The alarm is raised when equipment enters a diagnostic state.		
Raising condition: ('compositeEquipmentState' EQUAL 'In Test')		
Clearing condition: ('compositeEquipmentState' NOT EQUAL 'In Test')		
Remedial action: Informational - no corrective action required.		

Table 25-18 EquipmentMismatch

Alarm	Attributes	Applicable major releases
Name: EquipmentMismatch (9) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.Equipment	Severity: major Implicitly cleared: true Default probable cause: equipmentTypeMismatch (7)	<ul style="list-style-type: none"> • 3.3.0 • 4.0.0 • 4.1.0 • 4.2.0 • 5.0.0
Description: The alarm is raised when the compositeEquipmentState attribute has a value of equipmentMismatch.		
Raising condition: ('compositeEquipmentState' EQUAL 'Type Mismatch')		
Clearing condition: ('compositeEquipmentState' NOT EQUAL 'Type Mismatch')		
Remedial action: A configuration error has occurred which must be corrected. The card type configured for the slot identified in the alarm must match the installed card type.		

Table 25-19 EquipmentRemoved

Alarm	Attributes	Applicable major releases
Name: EquipmentRemoved (8) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.Equipment	Severity: major Implicitly cleared: true Default probable cause: replaceableEquipmentRemoved (6)	<ul style="list-style-type: none"> • 3.3.0 • 4.0.0 • 4.1.0 • 4.2.0 • 5.0.0
Description: The alarm is raised when the compositeEquipmentState attribute has a value of equipmentMissing.		
Raising condition: (((('isEquipped' EQUAL 'false') OR ('compositeEquipmentState' EQUAL 'Removed')) AND ('isEquipmentInserted' EQUAL 'true')))		
Clearing condition: (('compositeEquipmentState' NOT EQUAL 'Removed') AND ('isEquipped' EQUAL 'true'))		
Remedial action: Informational - this alarm is raised when a card is removed.		

Table 25-20 FrameSizeProblem (netw)

Alarm	Attributes	Applicable major releases
Name: FrameSizeProblem (37) Type: configurationAlarm (11) Package: netw Raised on class: netw.StatefullConnectableInterface	Severity: critical Implicitly cleared: true Default probable cause: frameSizeProblem (33)	<ul style="list-style-type: none"> • 3.3.0 • 4.0.0 • 4.1.0 • 4.2.0 • 5.0.0
Description: The alarm is raised when a provisioned MTU size value is greater than the supported MTU size value.		
Raising condition: (('mtuMismatch' EQUAL 'true') AND ('portId' NOT EQUAL '0L'))		
Clearing condition: (('mtuMismatch' EQUAL 'false') OR ('portId' EQUAL '0L'))		
Remedial action: A configuration error has been made which must be corrected. The MTU value must be changed such that is less than or equal to the supported MTU size value.		

Table 25-21 GaPeerDown

Alarm	Attributes	Applicable major releases
Name: GaPeerDown (3303) Type: EpcAlarm (59) Package: Iteggsn Raised on class: Iteggsn.GaPeer	Severity: major Implicitly cleared: true Default probable cause: EPSPeerDown (602)	<ul style="list-style-type: none"> • 3.3.0 • 4.0.0 • 4.1.0 • 4.2.0 • 5.0.0
Description: The alarm is raised when the path management state of a Ga peer changes to a state other than Up.		
Raising condition: ('Path Management State' NOT EQUAL 'Active')		
Clearing condition: ('Path Management State' EQUAL 'Active')		
Remedial action: A Ga reference point (peer) is operationally down for one of the following reasons: the underlying IP or physical interface is down, the far end peer is down or the underlying transport between this NE and the peer NE is down. To resolve the issue ensure that the IP/physical interface is up, check that the far end peer is operational and check that the underlying transport network is up.		

Table 25-22 IncompleteConfiguration

Alarm	Attributes	Applicable major releases
Name: IncompleteConfiguration (1942) Type: operationalViolation (93) Package: netw Raised on class: netw.NetworkElement	Severity: warning Implicitly cleared: true Default probable cause: incompleteConfig (225)	<ul style="list-style-type: none"> • 3.3.0 • 4.0.0 • 4.1.0 • 4.2.0 • 5.0.0
Description: The alarm is raised when a pre-provisioned NE has no objects configured beneath it.		
Raising condition: (('State' EQUAL 'Pre-provisioned') AND ('eNodeB Equipment' EQUAL '\\"'))		
Clearing condition: (('State' EQUAL 'Pre-provisioned') AND ('eNodeB Equipment' NOT EQUAL '\\"'))		

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Alarm	Attributes	Applicable major releases
Remedial action: A configuration error has been made which must be corrected. The configuration of the pre-provisioned NE is incomplete. A work order was not associated with the pre-provisioned NE and as a consequence the attempt to auto-configure the NE failed.		

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Table 25-23 LagPortAddFailed

Alarm	Attributes	Applicable major releases
Name: LagPortAddFailed (422) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.PhysicalPort	Severity: warning Implicitly cleared: true Default probable cause: linkDown (315)	<ul style="list-style-type: none"> • 3.3.0 • 4.0.0 • 4.1.0 • 4.2.0 • 5.0.0
Description: The alarm is raised when the Lag Port Add function Fails.		
Raising condition: (('state' EQUAL 'Link Down') AND ('LAG ID' > '0'))		
Clearing condition: (('state' NOT EQUAL 'Link Down') OR ('LAG ID' EQUAL '0'))		
Remedial action: A configuration error has occurred which must be corrected. The link that was to be added to the LAG group may be of the wrong type (i.e. non ethernet) or the limit of the number of links supported in a LAG may have been reached.		

Table 25-24 LicensedLimitExceeded

Alarm	Attributes	Applicable major releases
Name: LicensedLimitExceeded (127) Type: licensingAlarm (23) Package: security Raised on class: security.ProductLicense	Severity: critical Implicitly cleared: true Default probable cause: licensedLimitExceeded (106)	<ul style="list-style-type: none"> • 3.3.0 • 4.0.0 • 4.1.0 • 4.2.0 • 5.0.0
Description: The alarm is raised when the license items in the network exceeds 100 percent of the license capacity.		
Raising condition: ('Exceeded' EQUAL 'true')		
Clearing condition: ('Exceeded' NOT EQUAL 'true')		
Remedial action: Informational - The number of SAM licenses purchased and available on the SAM server is insufficient as compared to the number of NEs/MDA/Cells under management in the network. Please contact Alcatel-Lucent Sales to purchase additional licenses.		

Table 25-25 LinkDown (equipment)

Alarm	Attributes	Applicable major releases
Name: LinkDown (12) Type: communicationsAlarm (4) Package: equipment Raised on class: equipment.Equipment	Severity: major Implicitly cleared: true Default probable cause: portLinkProblem (10)	<ul style="list-style-type: none"> • 3.3.0 • 4.0.0 • 4.1.0 • 4.2.0 • 5.0.0
Description: The alarm is raised when a port has no associated physical link or remote end point is operationally down.		
Raising condition: (('compositeEquipmentState' EQUAL 'Link Down') OR ('compositeEquipmentState' EQUAL 'Oper Down'))		
Clearing condition: (('compositeEquipmentState' NOT EQUAL 'Link Down') AND ('compositeEquipmentState' NOT EQUAL 'Oper Down'))		
Remedial action: Please make sure that port has physical link and remote end point is operationally up.		

Table 25-26 LowTemperatureDetected

Alarm	Attributes	Applicable major releases
Name: LowTemperatureDetected (1127) Type: environmentalAlarm (2) Package: equipment Raised on class: equipment.Shelf	Severity: major Implicitly cleared: true Default probable cause: equipmentOvercooled (838)	<ul style="list-style-type: none"> • 3.3.0 • 4.0.0 • 4.1.0 • 4.2.0 • 5.0.0
Description: The alarm is raised when the chassis temperature falls below the minimum threshold.		
Raising condition: ('Low Temperature State' EQUAL 'Low')		
Clearing condition: ('Low Temperature State' NOT EQUAL 'Low')		
Remedial action: The NE has detected internal temperatures which are abnormally low. This may happen when the environment that the NE is operating in may not be within specifications found in the NE user guides.		

Table 25-27 MobileConnectorDown

Alarm	Attributes	Applicable major releases
Name: MobileConnectorDown (1064) Type: EpcAlarm (59) Package: Iteservice Raised on class: Iteservice.MobileServiceConnector	Severity: minor Implicitly cleared: true Default probable cause: EpcDown (519)	<ul style="list-style-type: none"> • 3.3.0 • 4.0.0 • 4.1.0 • 4.2.0 • 5.0.0
Description: The alarm is raised when the 5620 SAM no longer manages the EPS path instance of this mobile service site. As a result, the service must be regenerated.		
Raising condition: ('EPS Path' EQUAL '\\"')		
Clearing condition: ('EPS Path' NOT EQUAL '\\"')		

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Alarm	Attributes	Applicable major releases
Remedial action: The underlying transport network has gone down resulting in the deletion of a mobile service connector (EPS path). Correct the issue with the transport network and regenerate the mobile service connector by clicking on the re-calculate button on the mobile service properties form.		

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Table 25-28 MvrSiteDown

Alarm	Attributes	Applicable major releases
Name: MvrSiteDown (162) Type: ProtocolAlarm (1) Package: layer2 Raised on class: layer2.MvrSite	Severity: warning Implicitly cleared: true Default probable cause: protocolDown (1)	<ul style="list-style-type: none"> • 3.3.0 • 4.0.0 • 4.1.0 • 4.2.0 • 5.0.0
Description: The alarm is raised when MVR is disabled on an NE and a TLS VLAN or MVR VLAN service is provisioned on the NE.		
Raising condition: ('MVR Admin Status' EQUAL 'Disabled')		
Clearing condition: ('MVR Admin Status' EQUAL 'Enabled')		
Remedial action: To clear the alarm, enable MVR Admin Status under the Bridge Instance.		

Table 25-29 NeManagementAndTrapManagementMismatch

Alarm	Attributes	Applicable major releases
Name: NeManagementAndTrapManagementMismatch (1079) Type: communicationsAlarm (4) Package: netw Raised on class: netw.NetworkElement	Severity: warning Implicitly cleared: true Default probable cause: neManagementChange (817)	<ul style="list-style-type: none"> • 3.3.0 • 4.0.0 • 4.1.0 • 4.2.0 • 5.0.0
Description: This user-defined alarm is raised when the NE configuration is one of the following: - The Active Management IP is set to Out Of Band, and the Primary Route Preference is set to In Band. - The Active Management IP is set to In Band, and the Primary Route Preference is set to Out of Band.		
Raising condition: (((('Active Management IP' EQUAL 'In Band') AND (('Management IP Selection' EQUAL 'In Band Preferred') OR ('Management IP Selection' EQUAL 'In Band Only'))) AND ('Primary Route Preference' EQUAL 'Out Of Band') AND ('Secondary Route Preference' EQUAL 'In Band')) OR (('Active Management IP' EQUAL 'Out Of Band') AND (('Management IP Selection' EQUAL 'Out Of Band Preferred') OR ('Management IP Selection' EQUAL 'Out Of Band Only'))) AND ('Primary Route Preference' EQUAL 'In Band') AND ('Secondary Route Preference' EQUAL 'Out Of Band'))		
Clearing condition: (((('Active Management IP' EQUAL 'In Band') AND (('Management IP Selection' EQUAL 'In Band Preferred') OR ('Management IP Selection' EQUAL 'In Band Only'))) AND ('Primary Route Preference' EQUAL 'In Band')) OR (('Active Management IP' EQUAL 'Out Of Band') AND (('Management IP Selection' EQUAL 'Out Of Band Preferred') OR ('Management IP Selection' EQUAL 'Out Of Band Only'))) AND ('Primary Route Preference' EQUAL 'Out Of Band'))		
Remedial action: A configuration error has been made which must be corrected. The parameters described in the description for this alarm must match.		

Table 25-30 NewSsh2ServerKeyDetected

Alarm	Attributes	Applicable major releases
Name: NewSsh2ServerKeyDetected (285) Type: communicationsAlarm (4) Package: security Raised on class: security.KnownHostKey	Severity: warning Implicitly cleared: true Default probable cause: ssh2ServerKeyMismatch (217)	<ul style="list-style-type: none"> • 3.3.0 • 4.0.0 • 4.1.0 • 4.2.0 • 5.0.0
Description: The alarm is raised when a 5620 SAM main server detects a new public SSH key.		
Raising condition: ('SSH2 Server Key Status' EQUAL 'Mismatch SSH2 Host Key')		
Clearing condition: ('SSH2 Server Key Status' EQUAL 'Active SSH2 Host Key')		
Remedial action: Informational - possible security breach. The SSH key of the router is different from the one known to the SAM server.		

Table 25-31 NodeDatabaseFallbackDetected

Alarm	Attributes	Applicable major releases
Name: NodeDatabaseFallbackDetected (2923) Type: communicationsAlarm (4) Package: netw Raised on class: netw.NetworkElement	Severity: major Implicitly cleared: true Default probable cause: nodeDatabaseFallback (1121)	<ul style="list-style-type: none"> • 3.3.0 • 4.0.0 • 4.1.0 • 4.2.0 • 5.0.0
Description: The alarm is raised when a configuration fallback is detected on the node and comes back up with a previous configuration. To correct this situation it might be necessary to reconfigure the node, or perform full resync its database with the 'fallback' configuration returned by the node.		
Raising condition: ('State' EQUAL 'Node Configuration Fallback')		
Clearing condition: ('State' EQUAL 'Managed')		
Remedial action: the NE has come back to a previous configuration. Perform a manual Full Resync or a Reconfigure of the NE		

Table 25-32 NodeDatabaseMisalignmentDetected

Alarm	Attributes	Applicable major releases
Name: NodeDatabaseMisalignmentDetected (2924) Type: communicationsAlarm (4) Package: netw Raised on class: netw.NetworkElement	Severity: major Implicitly cleared: true Default probable cause: nodeDatabaseMisalignment (1122)	<ul style="list-style-type: none"> • 3.3.0 • 4.0.0 • 4.1.0 • 4.2.0 • 5.0.0
Description: The alarm is raised when a configuration misalignment has been detected on the node and comes back up with an unexpected configuration (configuration change triggered by external tool) To correct this situation it might be necessary to reconfigure the node with the 5620 SAM's old configuration or accept the new configuration received from the node.		
Raising condition: ('State' EQUAL 'Node Configuration Misalignment')		

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Alarm	Attributes	Applicable major releases
Clearing condition: ('State' EQUAL 'Managed')		
Remedial action: the NE configuration is misaligned. Perform a resync in order to update SAM configuration according to the NE.		

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Table 25-33 NodeSuspended

Alarm	Attributes	Applicable major releases
Name: NodeSuspended (5123) Type: communicationsAlarm (4) Package: netw Raised on class: netw.NetworkElement	Severity: critical Implicitly cleared: true Default probable cause: NodeSuspend (2057)	<ul style="list-style-type: none"> • 3.3.0 • 4.0.0 • 4.1.0 • 4.2.0 • 5.0.0
Description: The alarm is raised when the 5620 SAM detects an NE moved to suspend state as per user request.		
Raising condition: ('SNMP Reachability' EQUAL 'Suspended')		
Clearing condition: ('SNMP Reachability' NOT EQUAL 'Suspended')		
Remedial action: This alarm is raised when user suspends the network element. The alarm will be cleared when the network element is managed back.		

Table 25-34 OrphanNodeDetected

Alarm	Attributes	Applicable major releases
Name: OrphanNodeDetected (4866) Type: discoveryControlAlarm (33) Package: netw Raised on class: netw.AdvertisedNode	Severity: major Implicitly cleared: true Default probable cause: nodeNotMangedByAnyEms (1934)	<ul style="list-style-type: none"> • 3.3.0 • 4.0.0 • 4.1.0 • 4.2.0 • 5.0.0
Description: The alarm is raised when node is node managed by any EMS after n retries(threshold crossed) it is manually cleared by the operator or when the node is discovered.		
Raising condition: ('State' EQUAL 'Orphan')		
Remedial action: The NE is not managed by any SAM. Add an discovery rule in order to managed it.		

Table 25-35 OverTemperatureDetected

Alarm	Attributes	Applicable major releases
Name: OverTemperatureDetected (388) Type: environmentalAlarm (2) Package: equipment Raised on class: equipment.Shelf	Severity: major Implicitly cleared: true Default probable cause: equipmentOverheated (5)	<ul style="list-style-type: none"> • 3.3.0 • 4.0.0 • 4.1.0 • 4.2.0 • 5.0.0
Description: The alarm is raised when the chassis temperature exceeds the maximum threshold value.		
Raising condition: ('Over Temperature State' EQUAL 'Over')		
Clearing condition: ('Over Temperature State' NOT EQUAL 'Over')		
Remedial action: The NE has detected internal temperatures which are abnormally high. This could be caused by a failed fan unit or one or more dirty fan filters. Replacing the failed unit or filters should resolve the problem. Alternately the environment that the NE is operating in may not be within specifications found in the NE user guides.		

Table 25-36 PartialResyncProblem

Alarm	Attributes	Applicable major releases
Name: PartialResyncProblem (4401) Type: communicationsAlarm (4) Package: netw Raised on class: netw.NetworkElement	Severity: warning Implicitly cleared: true Default probable cause: partialResyncProblem (1578)	<ul style="list-style-type: none"> • 3.3.0 • 4.0.0 • 4.1.0 • 4.2.0 • 5.0.0
Description: The alarm is raised when a partial resync on an NE fails. For example, when resyncing only some MIB entries as opposed to a full resync. The periodic reachability test (sysUpTime) is not considered a partial resync, neither is a full resync. However, a PartialResyncProblem alarm can only be reset by a FullResync.		
Raising condition: ('partialResyncStatus' EQUAL 'Partial Resync Failed')		
Clearing condition: ('partialResyncStatus' EQUAL 'Partial Resync Done')		
Remedial action: Informational - if the alarm persists or is occurring frequently then investigation is required to understand a) why the underlying transport network is unreliable or b) why the NE is too busy to respond to 5620 SAM or c) has SNMP been disabled on the NE.		

Table 25-37 PersistentIndexParametersMisconfigured

Alarm	Attributes	Applicable major releases
Name: PersistentIndexParametersMisconfigured (173) Type: configurationAlarm (11) Package: netw Raised on class: netw.NetworkElement	Severity: major Implicitly cleared: true Default probable cause: persistentIndexConfigurationMismatch (136)	<ul style="list-style-type: none"> • 3.3.0 • 4.0.0 • 4.1.0 • 4.2.0 • 5.0.0
Description: The alarm is raised when persistence is set to Off in the NE BOF.		

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Alarm	Attributes	Applicable major releases
Raising condition: (('Persistent SNMP Indices' EQUAL 'False') OR (('hasRedundantProcessorCards' EQUAL 'true') AND ('Redundant Synchronization Mode' EQUAL 'None')))		
Clearing condition: (('Persistent SNMP Indices' EQUAL 'True') AND (('hasRedundantProcessorCards' EQUAL 'false') OR ('Redundant Synchronization Mode' NOT EQUAL 'None')))		
Remedial action: A configuration error has occurred that must be corrected. Use the CLI on the NE to enable persistency in the BOF. The discovery process will complete on the next discovery scan. A re-scan can be triggered immediately for the NE from within the discovery manager		

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Table 25-38 PollerProblem

Alarm	Attributes	Applicable major releases
Name: PollerProblem (31) Type: communicationsAlarm (4) Package: netw Raised on class: netw.NetworkElement	Severity: warning Implicitly cleared: true Default probable cause: resyncFailed (24)	<ul style="list-style-type: none"> • 3.3.0 • 4.0.0 • 4.1.0 • 4.2.0 • 5.0.0
Description: The alarm is raised when the 5620 SAM is unable to poll a network object, for example, because of intermittent or no IP connectivity to an NE, incorrect SNMP security parameters, or disabled SNMP on the NE.		
Raising condition: ('Resync Status' EQUAL 'Full Resync Failed')		
Clearing condition: ('Resync Status' EQUAL 'Full Resync Done')		
Remedial action: Informational - if the alarm persists or is occurring frequently then investigation is required to understand a) why the underlying transport network is unreliable or b) why the NE is too busy to respond to 5620 SAM or c) has SNMP been disabled on the NE. Once the issue has been resolved SAM will automatically re-attempt.		

Table 25-39 PrimaryImageBootFailure

Alarm	Attributes	Applicable major releases
Name: PrimaryImageBootFailure (191) Type: configurationAlarm (11) Package: sw Raised on class: sw.CardSoftware	Severity: warning Implicitly cleared: true Default probable cause: bootOptionFileMisconfigured (150)	<ul style="list-style-type: none"> • 3.3.0 • 4.0.0 • 4.1.0 • 4.2.0 • 5.0.0
Description: The alarm is raised when the primary software image specified in an NE BOF is unusable.		
Raising condition: (('imageSource' NOT EQUAL 'Primary') AND ('imageSource' NOT EQUAL 'Unknown'))		
Clearing condition: (('imageSource' EQUAL 'Primary') OR ('imageSource' EQUAL 'Unknown'))		
Remedial action: The SW image on the NE may have been inadvertently corrupted. Download a new copy of the SW image to the NE. If the problem persists contact Alcatel-Lucent support for assistance.		

Table 25-40 RadiusOperStatusDown

Alarm	Attributes	Applicable major releases
Name: RadiusOperStatusDown (3692) Type: radiusOperStatusDownAlarm (105) Package: netw Raised on class: netw.NetworkElement	Severity: critical Implicitly cleared: true Default probable cause: radiusOperationStatusDown (1431)	<ul style="list-style-type: none"> • 3.3.0 • 4.0.0 • 4.1.0 • 4.2.0 • 5.0.0
Description: The alarm is raised when all RADIUS servers have gone down.		
Raising condition: ('Global RADIUS Operational State' EQUAL 'Down')		
Clearing condition: ('Global RADIUS Operational State' EQUAL 'Up')		
Remedial action: Verify the RADIUS server is properly configured and radius server state is up. Check the connectivity between SAM server and radius server configured on the Network element.		

Table 25-41 ReachabilityProblem

Alarm	Attributes	Applicable major releases
Name: ReachabilityProblem (243) Type: communicationsAlarm (4) Package: netw Raised on class: netw.NetworkElement	Severity: major Implicitly cleared: true Default probable cause: ReachabilityTestFailed (176)	<ul style="list-style-type: none"> • 3.3.0 • 4.0.0 • 4.1.0 • 4.2.0 • 5.0.0
Description: The alarm is raised when a mediation poll of the SysUpTimeAlarm object on an NE fails, for example, because of network congestion or because the NE is too busy to respond. The probable cause is an unreachable NE Mediation agent on the NE. The polling interval depends on the NE type and is configurable in nms-server.xml. By default, the 5620 SAM polls a managed NE every four minutes. If a poll fails, the alarm is raised. The alarm clears when the 5620 SAM receives a response from the NE, and the 5620 SAM GUI icon that represents the NE turns from red to green.		
Raising condition: ('SNMP Reachability' EQUAL 'Down')		
Remedial action: Informational - if the alarm persists or is occurring frequently then investigation is required to understand a) why the underlying transport network is unreliable or b) why the NE is too busy to respond to 5620 SAM or c) has SNMP been disabled on the NE. Once the issue has been resolved SAM will automatically re-attempt.		

Table 25-42 ReconfigFailure

Alarm	Attributes	Applicable major releases
Name: ReconfigFailure (1949) Type: communicationsAlarm (4) Package: netw Raised on class: netw.NetworkElement	Severity: critical Implicitly cleared: true Default probable cause: failedReconfig (937)	<ul style="list-style-type: none"> • 3.3.0 • 4.0.0 • 4.1.0 • 4.2.0 • 5.0.0
Description: This alarm is raised when the reconfig action failed.		
Raising condition: ('State' EQUAL 'Failed')		

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Alarm	Attributes	Applicable major releases
Clearing condition: ('State' NOT EQUAL 'Failed')		
Remedial action: Verify that the object is configured as expected.		

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Table 25-43 SaveConfigFailed

Alarm	Attributes	Applicable major releases
Name: SaveConfigFailed (105) Type: configurationAlarm (11) Package: sw Raised on class: sw.BackupRestoreManager	Severity: major Implicitly cleared: true Default probable cause: fileAccessError (90)	<ul style="list-style-type: none"> • 3.3.0 • 4.0.0 • 4.1.0 • 4.2.0 • 5.0.0
Description: The alarm is raised when the admin save command on an NE fails.		
Raising condition: ('Config Save State' EQUAL 'Failure')		
Clearing condition: ('Config Save State' EQUAL 'Success')		
Remedial action: Attempt the admin save command a second time. If the problem persists please contact Alcatel-Lucent support for assistance.		

Table 25-44 ScheduledPollerProblem

Alarm	Attributes	Applicable major releases
Name: ScheduledPollerProblem (4386) Type: communicationsAlarm (4) Package: netw Raised on class: netw.NetworkElement	Severity: warning Implicitly cleared: true Default probable cause: scheduledResyncFailed (1569)	<ul style="list-style-type: none"> • 3.3.0 • 4.0.0 • 4.1.0 • 4.2.0 • 5.0.0
Description: The alarm is raised when the 5620 SAM is unable to poll a network object, for example, because of intermittent or no IP connectivity to an NE, incorrect SNMP security parameters, or disabled SNMP on the NE.		
Raising condition: ('Scheduled Resync Status' EQUAL 'Scheduled Resync Failed')		
Clearing condition: ('Scheduled Resync Status' EQUAL 'Scheduled Resync Done')		
Remedial action: Informational - if the alarm persists or is occurring frequently then investigation is required to understand a) why the underlying transport network is unreliable or b) why the NE is too busy to respond to 5620 SAM or c) has SNMP been disabled on the NE. Once the issue has been resolved SAM will automatically re-attempt.		

Table 25-45 StatsRetrieveFailed

Alarm	Attributes	Applicable major releases
Name: StatsRetrieveFailed (244) Type: configurationAlarm (11) Package: sw Raised on class: sw.AccountingStatsRetrievalManager	Severity: major Implicitly cleared: false Default probable cause: fileTransferFailure (89)	<ul style="list-style-type: none"> • 3.3.0 • 4.0.0 • 4.1.0 • 4.2.0 • 5.0.0
Description: The alarm is raised when the 5620 SAM main or auxiliary server cannot transfer an accounting file from an NE.		
Raising condition: (('Stats Retrieval State' NOT EQUAL 'Success') AND ('Stats Retrieval State' NOT EQUAL 'Not Attempted'))		
Remedial action: Informational - if the alarm persists or is occurring frequently then investigation is required to understand a) why the underlying transport network is unreliable or b) why the NE is too busy or otherwise cannot respond to the 5620 SAM main or auxiliary server.		

Table 25-46 SubscriberSystemNextHopUsageHigh

Alarm	Attributes	Applicable major releases
Name: SubscriberSystemNextHopUsageHigh (5157) Type: thresholdCrossed (6) Package: netw Raised on class: netw.NetworkElement	Severity: minor Implicitly cleared: true Default probable cause: resourceFull (53)	<ul style="list-style-type: none"> • 3.3.0 • 4.0.0 • 4.1.0 • 4.2.0 • 5.0.0
Description: The alarm is raised when the IP next-hop usage by subscriber managed routes reaches its high watermark, cleared when it reaches its low watermark again; the watermarks are derived from the limit specified with the property subSysNextHopLimit.		
Raising condition: ('IP Next Hop Usage High' EQUAL 'true')		
Clearing condition: ('IP Next Hop Usage High' EQUAL 'false')		
Remedial action: The alarm is raised when the IP next-hop usage by subscriber managed routes reaches its high watermark, cleared when it reaches its low watermark again; the watermarks are derived from the limit specified with the property subSysNextHopLimit. There is no immediate effect, but when the usage actually hits the limit, new hosts will not get their managed routes.		

Table 25-47 SubSysChassMemoryUsageHi

Alarm	Attributes	Applicable major releases
Name: SubSysChassMemoryUsageHi (5656) Type: thresholdCrossed (6) Package: equipment Raised on class: equipment.Shelf	Severity: minor Implicitly cleared: true Default probable cause: resourceFull (53)	<ul style="list-style-type: none"> • 3.3.0 • 4.0.0 • 4.1.0 • 4.2.0 • 5.0.0
Description: This alarm is raised when the memory usage by subscriber management on this system or chassis reaches its high watermark ('true').		

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Alarm	Attributes	Applicable major releases
Raising condition: ('Memory Usage High' EQUAL 'True')		
Clearing condition: (('Memory Usage High' EQUAL 'False') OR ('Memory Usage High' EQUAL 'unspecified'))		
Remedial action: The memory usage by subscriber management on this system has reached its high watermark. Please check your memory usage.		

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Table 25-48 TrapDestinationMisconfigured

Alarm	Attributes	Applicable major releases
Name: TrapDestinationMisconfigured (33) Type: configurationAlarm (11) Package: netw Raised on class: netw.NetworkElement	Severity: major Implicitly cleared: true Default probable cause: trapDestinationMisconfigured (26) Applicable probable causes: <ul style="list-style-type: none"> • trapDestinationMisconfigured • duplicateTrapLogId 	<ul style="list-style-type: none"> • 3.3.0 • 4.0.0 • 4.1.0 • 4.2.0 • 5.0.0
Description: The alarm is raised when the 5620 SAM cannot be added to the NE's SNMP trap destinations.		
Raising condition: ('isTrapDestinationMisconfigured' EQUAL 'true')		
Clearing condition: ('isTrapDestinationMisconfigured' EQUAL 'false')		
Remedial action: A configuration error has been made which must be corrected. The SNMP trap destination on the NE must be configured to the IP address of the SAM server.		

Table 25-49 TrapReceivingFailure

Alarm	Attributes	Applicable major releases
Name: TrapReceivingFailure (1083) Type: communications (87) Package: netw Raised on class: netw.NetworkElement	Severity: major Implicitly cleared: false Default probable cause: trapsWillNotBeSent (822)	<ul style="list-style-type: none"> • 3.3.0 • 4.0.0 • 4.1.0 • 4.2.0 • 5.0.0
Description: This user-defined alarm is raised when the NE is unable to send traps because the NE configuration is one of the following: - The Management IP Selection is set to Out Of Band Only, the Primary Route Preference is set to In Band, and the Secondary Route Preference is set to None. - The Management IP Selection is set to In Band Only, the Primary Route Preference is set to Out Of Band, and the Secondary Route Preference is set to None.		
Raising condition: (((('Active Management IP' EQUAL 'In Band') AND ('Management IP Selection' EQUAL 'In Band Only') AND ('Primary Route Preference' EQUAL 'Out Of Band') AND ('Secondary Route Preference' EQUAL 'None')) OR (('Active Management IP' EQUAL 'Out Of Band') AND ('Management IP Selection' EQUAL 'Out Of Band Only') AND ('Primary Route Preference' EQUAL 'In Band') AND ('Secondary Route Preference' EQUAL 'None')) OR (('Active Management IP' EQUAL 'Out Of Band') AND ('Management IP Selection' EQUAL 'In Band Preferred') AND ('Primary Route Preference' EQUAL 'In Band') AND ('Secondary Route Preference' EQUAL 'None')) OR (('Active Management IP' EQUAL 'In Band') AND ('Management IP Selection' EQUAL 'Out Of Band Preferred') AND ('Primary Route Preference' EQUAL 'Out Of Band') AND ('Secondary Route Preference' EQUAL 'None'))))		

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Alarm	Attributes	Applicable major releases
<p>Clearing condition: (((('Active Management IP' EQUAL 'In Band') AND ('Management IP Selection' EQUAL 'In Band Only') AND (('Primary Route Preference' EQUAL 'In Band') OR ('Secondary Route Preference' EQUAL 'In Band')) OR (('Active Management IP' EQUAL 'Out Of Band') AND ('Management IP Selection' EQUAL 'Out Of Band Only') AND (('Primary Route Preference' EQUAL 'Out Of Band') OR ('Secondary Route Preference' EQUAL 'Out Of Band')) OR (('Active Management IP' EQUAL 'Out Of Band') AND ('Management IP Selection' EQUAL 'In Band Preferred') AND (('Primary Route Preference' EQUAL 'Out Of Band') OR ('Secondary Route Preference' EQUAL 'Out Of Band')) OR (('Active Management IP' EQUAL 'In Band') AND ('Management IP Selection' EQUAL 'In Band') AND ('Management IP Selection' EQUAL 'In Band Preferred') AND (('Primary Route Preference' EQUAL 'In Band') OR ('Secondary Route Preference' EQUAL 'In Band')) OR (('Active Management IP' EQUAL 'In Band') AND ('Management IP Selection' EQUAL 'Out Of Band Preferred') AND (('Primary Route Preference' EQUAL 'In Band') OR ('Secondary Route Preference' EQUAL 'In Band')) OR (('Active Management IP' EQUAL 'Out Of Band') AND ('Management IP Selection' EQUAL 'Out Of Band Preferred') AND (('Primary Route Preference' EQUAL 'Out Of Band') OR ('Secondary Route Preference' EQUAL 'Out Of Band'))))</p>		
<p>Remedial action: A configuration error has been made which must be corrected. The configuration error must be corrected per the discussion in the description for this alarm.</p>		

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Table 25-50 TrapRoutePreferenceRedundancyMissing

Alarm	Attributes	Applicable major releases
<p>Name: TrapRoutePreferenceRedundancyMissing (1084) Type: communications (87) Package: netw Raised on class: netw.NetworkElement</p>	<p>Severity: warning Implicitly cleared: true Default probable cause: trapsRedundancyMissing (823)</p>	<ul style="list-style-type: none"> • 3.3.0 • 4.0.0 • 4.1.0 • 4.2.0 • 5.0.0
<p>Description: The user-defined alarm is raised when NE management redundancy is configured without trap route preference redundancy.</p>		
<p>Raising condition: (((('Management IP Selection' EQUAL 'In Band Preferred') AND ('Active Management IP' EQUAL 'In Band') AND ('Primary Route Preference' EQUAL 'In Band') AND ('Secondary Route Preference' EQUAL 'None')) OR (('Management IP Selection' EQUAL 'Out Of Band Preferred') AND ('Active Management IP' EQUAL 'Out Of Band') AND ('Primary Route Preference' EQUAL 'Out Of Band') AND ('Secondary Route Preference' EQUAL 'None'))))</p>		
<p>Clearing condition: (((('Management IP Selection' EQUAL 'In Band Preferred') AND ('Active Management IP' EQUAL 'In Band') AND ('Secondary Route Preference' NOT EQUAL 'None')) OR (('Management IP Selection' EQUAL 'Out Of Band Preferred') AND ('Active Management IP' EQUAL 'Out Of Band') AND ('Secondary Route Preference' NOT EQUAL 'None'))))</p>		
<p>Remedial action: A configuration error has been made which must be corrected. The IP address of the standby SAM server must be configured on the NE in question.</p>		

Table 25-51 UnidentifiedNode

Alarm	Attributes	Applicable major releases
<p>Name: UnidentifiedNode (1922) Type: communicationsAlarm (4) Package: netw Raised on class: netw.DiscoveredNode</p>	<p>Severity: major Implicitly cleared: true Default probable cause: unidentifiedNode (922)</p>	<ul style="list-style-type: none"> • 3.3.0 • 4.0.0 • 4.1.0 • 4.2.0 • 5.0.0
<p>Description: The alarm is raised when the node being discovered can not be properly identified.</p>		
<p>Raising condition: ('State' EQUAL 'Pending Identification')</p>		

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Alarm	Attributes	Applicable major releases
Clearing condition: ('State' NOT EQUAL 'Pending Identification')		
Remedial action: A configuration error has occurred that must be corrected. The eNodeB does not have a system name. The name can be configured by selecting the alarm, opening the associated properties form for the alarmed object and configuring the system name.		

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Table 25-52 UnmanageFailed

Alarm	Attributes	Applicable major releases
Name: UnmanageFailed (300) Type: discoveryControlAlarm (33) Package: netw Raised on class: netw.NodeDiscoveryControl	Severity: warning Implicitly cleared: true Default probable cause: unableToDeleteNode (231)	<ul style="list-style-type: none"> • 3.3.0 • 4.0.0 • 4.1.0 • 4.2.0 • 5.0.0
Description: The alarm is raised when an attempt to unmanage an NE fails.		
Raising condition: ('Site State' EQUAL 'Unmanage Failed')		
Clearing condition: ('Site State' NOT EQUAL 'Unmanage Failed')		
Remedial action: Informational - if the alarm persists please contact Alcatel-Lucent support for assistance		

Table 25-53 UpgradedBuildVersionMismatch

Alarm	Attributes	Applicable major releases
Name: UpgradedBuildVersionMismatch (174) Type: configurationAlarm (11) Package: netw Raised on class: netw.NetworkElement	Severity: warning Implicitly cleared: true Default probable cause: upgradedImageNotBooted (137)	<ul style="list-style-type: none"> • 3.3.0 • 4.0.0 • 4.1.0 • 4.2.0 • 5.0.0
Description: The alarm is raised when the software version that an NE reports after a software upgrade does not match the version of the software used for the upgrade.		
Raising condition: ('upgradedBuildVersionMismatch' EQUAL 'true')		
Clearing condition: ('upgradedBuildVersionMismatch' EQUAL 'false')		
Remedial action: Informational - if the alarm persists please contact Alcatel-Lucent support for assistance		

Table 25-54 upgradedCardAlarm

Alarm	Attributes	Applicable major releases
Name: upgradedCardAlarm (255) Type: softwareAlarm (19) Package: equipment Raised on class: equipment.Card	Severity: warning Implicitly cleared: true Default probable cause: upgradedCard (194)	<ul style="list-style-type: none"> • 3.3.0 • 4.0.0 • 4.1.0 • 4.2.0 • 5.0.0
Description: The alarm is raised when the standby CPM is rebooted and operational after a software upgrade. A device resets an IOM automatically after 120 minutes if the IOM is not manually reset after a CPM upgrade.		
Raising condition: ('operationalState' EQUAL 'Upgrade')		
Clearing condition: ('operationalState' EQUAL 'Up')		
Remedial action: Informational - no corrective action required.		

Table 25-55 VersionConfigRestoreFailed

Alarm	Attributes	Applicable major releases
Name: VersionConfigRestoreFailed (536) Type: configurationAlarm (11) Package: sw Raised on class: sw.BackupRestoreManager	Severity: major Implicitly cleared: true Default probable cause: versionMismatch (405)	<ul style="list-style-type: none"> • 3.3.0 • 4.0.0 • 4.1.0 • 4.2.0 • 5.0.0
Description: The alarm is raised when the restore procedure on an NE fails because of a mismatch between the backup file set version and the NE software version.		
Raising condition: ('lastNmsVersionRestoreState' EQUAL 'Failure')		
Clearing condition: ('lastNmsVersionRestoreState' EQUAL 'Success')		
Remedial action: The backup files being restored do not match with the version of node software release. Download a new copy of the SW image to the NE. If the problem persists contact Alcatel-Lucent support for assistance.		

Table 25-56 WrongCpaaSoftwareVersion

Alarm	Attributes	Applicable major releases
Name: WrongCpaaSoftwareVersion (791) Type: equipmentAlarm (3) Package: netw Raised on class: netw.NetworkElement	Severity: critical Implicitly cleared: true Default probable cause: wrongCpaaSoftwareVersion (559)	<ul style="list-style-type: none"> • 3.3.0 • 4.0.0 • 4.1.0 • 4.2.0 • 5.0.0
Description: The alarm is raised when the 7701 CPAA software is the wrong version and requires an upgrade.		
Raising condition: (('Software Version' EQUAL '\TIMOS-B-3.0.Generic \') AND ('Chassis Type' EQUAL '7701 CPAA'))		
Clearing condition: (('Software Version' NOT EQUAL '\TIMOS-B-3.0.Generic \') AND ('Chassis Type' EQUAL '7701 CPAA'))		

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Alarm	Attributes	Applicable major releases
Remedial action: The SW version of the CPAA must be upgraded to the version compatible with CPAM version.		

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Note – Some alarms that the 5620 SAM can raise against this device may not be listed in this chapter. Associating alarms with specific NE types is an ongoing Alcatel-Lucent effort. If the 5620 SAM raises an alarm against this device type, and the alarm is not described in this chapter, see chapter 41 for information about the alarm.

Table 26-1 ActiveAbnormalCondition

Alarm	Attributes	Applicable major releases
Name: ActiveAbnormalCondition (3938) Type: activeAbnormalConditionAlarm (116) Package: netw Raised on class: netw.NetworkElement	Severity: major Implicitly cleared: true Default probable cause: ActiveAbnormalConditionState (1520)	<ul style="list-style-type: none"> LR14.3.MG
Description: The alarm is an indication for abnormal condition on NE.		
Raising condition: ('abnormalCondition' EQUAL 'true')		
Clearing condition: ('abnormalCondition' EQUAL 'false')		
Remedial action: This alarm is raised when there is a abnormal state indication on NE.		

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Table 26-2 AGWDiameterPeerDown

Alarm	Attributes	Applicable major releases
Name: AGWDiameterPeerDown (844) Type: EpcAlarm (59) Package: lte Raised on class: lte.AGWDiameterPeer	Severity: variable Implicitly cleared: true Default probable cause: EPSPeerDown (602)	<ul style="list-style-type: none"> LR14.3.MG
Description: The alarm is raised when the path management state of a Diameter peer changes to a state other than Up.		
Raising condition: ('Path Diameter Management State' NOT EQUAL 'Active')		
Clearing condition: ('Path Diameter Management State' EQUAL 'Active')		
Remedial action: A Ga reference point (peer) is operationally down for one of the following reasons: the underlying IP or physical interface is down, the far end peer is down or the underlying transport between this NE and the peer NE is down. To resolve the issue ensure that the IP/physical interface is up, check that the far end peer is operational and check that the underlying transport network is up.		

Table 26-3 AuxiliaryServerStatus

Alarm	Attributes	Applicable major releases
Name: AuxiliaryServerStatus (311) Type: communicationsAlarm (4) Package: server Raised on class: server.AuxiliaryServer	Severity: critical Implicitly cleared: true Default probable cause: systemFailed (144)	<ul style="list-style-type: none"> LR14.3.MG
Description: The alarm is raised when a 5620 SAM main server cannot communicate with an auxiliary server. The alarm clears when communication is restored.		
Raising condition: ('Server Status' EQUAL 'Down')		
Clearing condition: ('Server Status' EQUAL 'Up')		
Remedial action: Informational - if the alarm persists or is occurring frequently then investigation is required to understand why the connectivity between the AUX and SAM servers is unreliable.		

Table 26-4 BootableConfigBackupFailed

Alarm	Attributes	Applicable major releases
Name: BootableConfigBackupFailed (103) Type: configurationAlarm (11) Package: sw Raised on class: sw.BackupRestoreManager	Severity: major Implicitly cleared: true Default probable cause: fileTransferFailure (89)	<ul style="list-style-type: none"> LR14.3.MG
Description: The alarm is raised when the 5620 SAM fails to back up a set of NE configuration files.		
Raising condition: ('Backup State' EQUAL 'Failure')		
Clearing condition: ('Backup State' EQUAL 'Success')		

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Alarm	Attributes	Applicable major releases
Remedial action: Investigation is required to resolve the following possible scenarios: insufficient disk space is available to accommodate the NE configuration files (additional SAM platform alarms will accompany this alarm); the NE is unreachable (including underlying transport network issue); loss of connectivity to the NE during transfer; the FTP daemon on the NE may have stopped; FTP security credential issues.		

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Table 26-5 BootableConfigRestoreFailed

Alarm	Attributes	Applicable major releases
Name: BootableConfigRestoreFailed (104) Type: configurationAlarm (11) Package: sw Raised on class: sw.BackupRestoreManager	Severity: major Implicitly cleared: true Default probable cause: fileTransferFailure (89)	<ul style="list-style-type: none"> LR14.3.MG
Description: The alarm is raised when the 5620 SAM fails to restore a set of NE configuration files.		
Raising condition: ('Restore State' EQUAL 'Failure')		
Clearing condition: ('Restore State' EQUAL 'Success')		
Remedial action: Investigation is required to resolve the following possible scenarios: the NE is unreachable (including underlying transport network issue); loss of connectivity to the NE during transfer; the FTP daemon on the NE may have stopped; FTP security credential issues.		

Table 26-6 BootParametersMisconfigured

Alarm	Attributes	Applicable major releases
Name: BootParametersMisconfigured (35) Type: configurationAlarm (11) Package: netw Raised on class: netw.NetworkElement	Severity: critical Implicitly cleared: true Default probable cause: persistentIndexFailure (30) Applicable probable causes: <ul style="list-style-type: none"> persistentIndexFailure configFileBootFailure 	<ul style="list-style-type: none"> LR14.3.MG
Description: The alarm is raised when the SNMP Index Boot Status on an NE is not set to Persistent.		
Raising condition: (('isGenericNode' EQUAL 'false') AND ('State' NOT EQUAL 'Pre-provisioned') AND (('Config File Status' NOT EQUAL 'Executed Successfully') AND ('Config File Status' NOT EQUAL 'configFileStatus_unspecified')) OR (('Persistent Index Status' NOT EQUAL 'Rebuild Succeeded') AND ('Persistent Index Status' NOT EQUAL 'persistentIndexStatus_unspecified'))))		
Clearing condition: (('Config File Status' EQUAL 'Executed Successfully') AND ('Persistent Index Status' EQUAL 'Rebuild Succeeded'))		
Remedial action: Ensure that "SNMP Index Boot Status" is persistent (using cli command "show system information" on the NE). If not, unmanage the network element from SAM, ensure that "persist on" is set in the bof file, save the bof, save a config file, verify that an index file (.ndx) is saved as well, reboot the router, verify that SNMP Index Boot Status is persistent and finally remanage the router from SAM.		

Table 26-7 ClientDelegateServerStatus

Alarm	Attributes	Applicable major releases
Name: ClientDelegateServerStatus (731) Type: communicationsAlarm (4) Package: server Raised on class: server.ClientDelegateServer	Severity: critical Implicitly cleared: true Default probable cause: systemFailed (144)	<ul style="list-style-type: none"> LR14.3.MG
Description: The alarm is raised when a client delegate server is unreachable.		
Raising condition: ('Server Status' EQUAL 'Down')		
Clearing condition: ('Server Status' EQUAL 'Up')		
Remedial action: Informational - if the alarm persists or is occurring frequently then investigation is required to understand why the connectivity between the client delegate platform and SAM servers is unreliable or the client delegate server itself is unreliable.		

Table 26-8 ContainingEquipmentAdministrativelyDown

Alarm	Attributes	Applicable major releases
Name: ContainingEquipmentAdministrativelyDown (466) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.Port	Severity: minor Implicitly cleared: true Default probable cause: containingEquipmentAdministrativelyDown (330)	<ul style="list-style-type: none"> LR14.3.MG
Description: The alarm is raised when the compositeEquipmentState attribute has a value of containingEquipmentAdministrativelyDown.		
Raising condition: (('Status' EQUAL 'Parent Admin Down') AND ('isTerminatable' EQUAL 'true'))		
Clearing condition: (('Status' NOT EQUAL 'Parent Admin Down') OR ('isTerminatable' NOT EQUAL 'true'))		
Remedial action: Informational - no corrective action required.		

Table 26-9 ContainingEquipmentMismatch

Alarm	Attributes	Applicable major releases
Name: ContainingEquipmentMismatch (464) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.Port	Severity: major Implicitly cleared: true Default probable cause: containingEquipmentMismatch (328)	<ul style="list-style-type: none"> LR14.3.MG
Description: The alarm is raised when the compositeEquipmentState attribute has a value of containingEquipmentMismatch.		
Raising condition: (('Status' EQUAL 'Parent Type Mismatch') AND ('isTerminatable' EQUAL 'true'))		
Clearing condition: (('Status' NOT EQUAL 'Parent Type Mismatch') OR ('isTerminatable' NOT EQUAL 'true'))		
Remedial action: A configuration error has occurred which must be corrected. The card type configured for the slot identified in the alarm must match the installed card type.		

Table 26-10 ContainingEquipmentOperationallyDown

Alarm	Attributes	Applicable major releases
Name: ContainingEquipmentOperationallyDown (465) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.Port	Severity: major Implicitly cleared: true Default probable cause: containingEquipmentDown (329)	<ul style="list-style-type: none"> LR14.3.MG
Description: The alarm is raised when the compositeEquipmentState attribute has a value of containingEquipmentOperationallyDown.		
Raising condition: (('Status' EQUAL 'Parent Oper Down') AND ('isTerminatable' EQUAL 'true'))		
Clearing condition: (('Status' NOT EQUAL 'Parent Oper Down') OR ('isTerminatable' NOT EQUAL 'true'))		
Remedial action: The operational state of the equipment element indicated in the alarm is down. This may be due to the element's administrative state or it may indicate that the element has failed.		

Table 26-11 CorruptImageFile

Alarm	Attributes	Applicable major releases
Name: CorruptImageFile (171) Type: configurationAlarm (11) Package: mediation Raised on class: mediation.AbstractSoftwareFolderDescriptor	Severity: critical Implicitly cleared: true Default probable cause: invalidOrCorruptImageFile (134)	<ul style="list-style-type: none"> LR14.3.MG
Description: The alarm is raised when one or more files in the 5620 SAM software image specified for a device software upgrade is invalid, corrupt or absent. The 5620 SAM validates a device software file set before it imports the file set and distributes it to an NE. Ensure that the file set downloads properly to the NE and is not tampered with before you re-attempt the upgrade. The alarm clears when a valid file set is on the NE and the 5620 SAM activates the software image in the file set.		
Raising condition: ('isImageValid' EQUAL 'false')		
Clearing condition: ('isImageValid' EQUAL 'true')		
Remedial action: The existing SW image in the SAM database should be replaced with an image that is known to be complete and valid.		

Table 26-12 EquipmentAdministrativelyDown

Alarm	Attributes	Applicable major releases
Name: EquipmentAdministrativelyDown (455) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.Equipment	Severity: minor Implicitly cleared: true Default probable cause: equipmentAdministrativelyDown (326)	<ul style="list-style-type: none"> LR14.3.MG
Description: The alarm is raised when the compositeEquipmentState attribute has a value of equipmentAdministrativelyDown.		
Raising condition: ('compositeEquipmentState' EQUAL 'Admin Down')		

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Alarm	Attributes	Applicable major releases
Clearing condition: ('compositeEquipmentState' NOT EQUAL 'Admin Down')		
Remedial action: Informational - no corrective action required.		

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Table 26-13 EquipmentDown

Alarm	Attributes	Applicable major releases
Name: EquipmentDown (10) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.Equipment	Severity: major Implicitly cleared: true Default probable cause: inoperableEquipment (8)	<ul style="list-style-type: none"> LR14.3.MG
Description: The alarm is raised when the compositeEquipmentState attribute has a value of equipmentOperationallyDown.		
Raising condition: ('compositeEquipmentState' EQUAL 'Oper Down')		
Clearing condition: ('compositeEquipmentState' NOT EQUAL 'Oper Down')		
Remedial action: This alarm indicates that a card in the NE has failed. The card must be replaced.		

Table 26-14 EquipmentInTest

Alarm	Attributes	Applicable major releases
Name: EquipmentInTest (11) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.Equipment	Severity: warning Implicitly cleared: true Default probable cause: equipmentInTest (9)	<ul style="list-style-type: none"> LR14.3.MG
Description: The alarm is raised when equipment enters a diagnostic state.		
Raising condition: ('compositeEquipmentState' EQUAL 'In Test')		
Clearing condition: ('compositeEquipmentState' NOT EQUAL 'In Test')		
Remedial action: Informational - no corrective action required.		

Table 26-15 EquipmentMismatch

Alarm	Attributes	Applicable major releases
Name: EquipmentMismatch (9) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.Equipment	Severity: major Implicitly cleared: true Default probable cause: equipmentTypeMismatch (7)	<ul style="list-style-type: none"> LR14.3.MG

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Alarm	Attributes	Applicable major releases
Description: The alarm is raised when the compositeEquipmentState attribute has a value of equipmentMismatch.		
Raising condition: ('compositeEquipmentState' EQUAL 'Type Mismatch')		
Clearing condition: ('compositeEquipmentState' NOT EQUAL 'Type Mismatch')		
Remedial action: A configuration error has occurred which must be corrected. The card type configured for the slot identified in the alarm must match the installed card type.		

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Table 26-16 EquipmentRemoved

Alarm	Attributes	Applicable major releases
Name: EquipmentRemoved (8) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.Equipment	Severity: major Implicitly cleared: true Default probable cause: replaceableEquipmentRemoved (6)	<ul style="list-style-type: none"> LR14.3.MG
Description: The alarm is raised when the compositeEquipmentState attribute has a value of equipmentMissing.		
Raising condition: (((('isEquipped' EQUAL 'false') OR ('compositeEquipmentState' EQUAL 'Removed')) AND ('isEquipmentInserted' EQUAL 'true')))		
Clearing condition: (('compositeEquipmentState' NOT EQUAL 'Removed') AND ('isEquipped' EQUAL 'true'))		
Remedial action: Informational - this alarm is raised when a card is removed.		

Table 26-17 FrameSizeProblem (netw)

Alarm	Attributes	Applicable major releases
Name: FrameSizeProblem (37) Type: configurationAlarm (11) Package: netw Raised on class: netw.StatefullConnectableInterface	Severity: critical Implicitly cleared: true Default probable cause: frameSizeProblem (33)	<ul style="list-style-type: none"> LR14.3.MG
Description: The alarm is raised when a provisioned MTU size value is greater than the supported MTU size value.		
Raising condition: (('mtuMismatch' EQUAL 'true') AND ('portId' NOT EQUAL '0L'))		
Clearing condition: (('mtuMismatch' EQUAL 'false') OR ('portId' EQUAL '0L'))		
Remedial action: A configuration error has been made which must be corrected. The MTU value must be changed such that is less than or equal to the supported MTU size value.		

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Table 26-18 GaPeerDown

Alarm	Attributes	Applicable major releases
Name: GaPeerDown (3303) Type: EpcAlarm (59) Package: Iteggnsn Raised on class: Iteggnsn.GaPeer	Severity: major Implicitly cleared: true Default probable cause: EPSPeerDown (602)	<ul style="list-style-type: none"> LR14.3.MG
Description: The alarm is raised when the path management state of a Ga peer changes to a state other than Up.		
Raising condition: ('Path Management State' NOT EQUAL 'Active')		
Clearing condition: ('Path Management State' EQUAL 'Active')		
Remedial action: A Ga reference point (peer) is operationally down for one of the following reasons: the underlying IP or physical interface is down, the far end peer is down or the underlying transport between this NE and the peer NE is down. To resolve the issue ensure that the IP/physical interface is up, check that the far end peer is operational and check that the underlying transport network is up.		

Table 26-19 IK8000001 - I/O NAS access error

Alarm	Attributes	Applicable major releases
Name: IK8000001 (6450) Type: processingErrorAlarm (81) Package: lmg Raised on class: lmg.LMGmngElement	Severity: critical Specific problem: I/O NAS access error (1406) Implicitly cleared: false Default probable cause: applicationSubsystemFailure (689)	<ul style="list-style-type: none"> LR14.3.MG
Description: This alarm is raised in case of right access problem, full disk or network error. Alarm to be cleared by the operator at the management system. Reason: applicationSubsystemFailure		
Remedial action: Check the directory right or NAS status		

Table 26-20 IK8000002 - DataBase access error

Alarm	Attributes	Applicable major releases
Name: IK8000002 (6451) Type: processingErrorAlarm (81) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: DataBase access error (1407) Implicitly cleared: true Default probable cause: applicationSubsystemFailure (689)	<ul style="list-style-type: none"> LR14.3.MG
Description: This alarm is raised in case there is no connection with the database. Alarm is cleared by the system. Reason: applicationSubsystemFailure		
Remedial action: Check the state of the database		

Table 26-21 IK8000003 - HTTP communication failure

Alarm	Attributes	Applicable major releases
Name: IK8000003 (6452) Type: communicationsAlarm (4) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: HTTP communication failure (1408) Implicitly cleared: true Default probable cause: communicationsSubsystemFailure (915)	<ul style="list-style-type: none"> LR14.3.MG
Description: This alarm is raised in case of connection failure to the remote module. Alarm is cleared by the system. Reason: communicationsSubsystemFailure		
Remedial action: Check the status of the target server		

Table 26-22 IK8000005 - Provision

Alarm	Attributes	Applicable major releases
Name: IK8000005 (6453) Type: processingErrorAlarm (81) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: Provision (1940) Implicitly cleared: true Default probable cause: configurationOrCustomizationError (902)	<ul style="list-style-type: none"> LR14.3.MG
Description: This is a spare for future use Reason: configurationOrCustomizationError		
Remedial action: If the problem persists, contact Alcatel-Lucent customer support.		

Table 26-23 IK8000006 - Max allowed resources reached

Alarm	Attributes	Applicable major releases
Name: IK8000006 (8250) Type: processingErrorAlarm (81) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: Max allowed resources reached (1941) Implicitly cleared: false Default probable cause: underlyingResourceUnavailable (724)	<ul style="list-style-type: none"> LR14.3.MG
Description: This alarm is raised in case there are no more resource available. Alarm to be cleared by the operator at the management system. Reason: resourceAtOrNearingCapacity		
Remedial action: Check licence or provisioning file		

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Table 26-24 IK8000008 - Session preparation error

Alarm	Attributes	Applicable major releases
Name: IK8000008 (6454) Type: processingErrorAlarm (81) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: Session preparation error (1410) Implicitly cleared: false Default probable cause: applicationSubsystemFailure (689)	<ul style="list-style-type: none"> LR14.3.MG
Description: This alarm is raised in case of bearer activation error. Alarm to be cleared by the operator at the management system. Reason: applicationSubsystemFailure		
Remedial action: Check method used, other alarms for further info		

Table 26-25 IK8000012 - Data Backup Failure

Alarm	Attributes	Applicable major releases
Name: IK8000012 (6455) Type: processingErrorAlarm (81) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: Data Backup Failure (1411) Implicitly cleared: true Default probable cause: applicationSubsystemFailure (689)	<ul style="list-style-type: none"> LR14.3.MG
Description: This alarm is raised when a scheduled lmgbackup fails. Alarm is cleared by the system. Reason: applicationSubsystemFailure		
Remedial action: See the Backup log file to have details on the Data backup operation failure, correct the potential error before retrying the operation or contact Alcatel-Lucent Technical Support.		

Table 26-26 IK8000013 - Provision

Alarm	Attributes	Applicable major releases
Name: IK8000013 (8251) Type: processingErrorAlarm (81) Package: lmg Raised on class: lmg.LMGmngElement	Severity: critical Specific problem: Provision (1940) Implicitly cleared: true Default probable cause: applicationSubsystemFailure (689)	<ul style="list-style-type: none"> LR14.3.MG
Description: This is a spare for future use Reason: communicationsSubsystemFailure		
Remedial action: If the problem persists, contact Alcatel-Lucent customer support.		

Table 26-27 IK8000014 - Provision

Alarm	Attributes	Applicable major releases
Name: IK8000014 (8252) Type: processingErrorAlarm (81) Package: lmg Raised on class: lmg.LMGmngElement	Severity: critical Specific problem: Provision (1940) Implicitly cleared: false Default probable cause: applicationSubsystemFailure (689)	<ul style="list-style-type: none"> LR14.3.MG
Description: This is a spare for future use\nReason: communicationsSubsystemFailure		
Remedial action: If the problem persists, contact Alcatel-Lucent customer support.		

Table 26-28 IK8000015 - Provision

Alarm	Attributes	Applicable major releases
Name: IK8000015 (8253) Type: processingErrorAlarm (81) Package: lmg Raised on class: lmg.LMGmngElement	Severity: critical Specific problem: Provision (1940) Implicitly cleared: false Default probable cause: applicationSubsystemFailure (689)	<ul style="list-style-type: none"> LR14.3.MG
Description: This is a spare for future use\nReason: communicationsSubsystemFailure		
Remedial action: If the problem persists, contact Alcatel-Lucent customer support.		

Table 26-29 IK8000100 - MME not responding

Alarm	Attributes	Applicable major releases
Name: IK8000100 (6456) Type: environmentalAlarm (2) Package: lmg Raised on class: lmg.LMGmngElement	Severity: minor Specific problem: MME not responding (1412) Implicitly cleared: true Default probable cause: externalEquipmentFailure (770)	<ul style="list-style-type: none"> LR14.3.MG
Description: This alarm is raised in case of no response from primary MME. Alarm is cleared by the system.\nReason: externalEquipmentFailure		
Remedial action: Check MME and network status		

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Table 26-30 IK8000101 - MME not responding

Alarm	Attributes	Applicable major releases
Name: IK8000101 (8254) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: MME not responding (1412) Implicitly cleared: false Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> LR14.3.MG
Description: This alarm is raised in case of no response from all MME of a pool. Alarm to be cleared by the operator at the management system. Reason: externalEquipmentFailure		
Remedial action: Check MME and network status		

Table 26-31 IK8000102 - mb interface

Alarm	Attributes	Applicable major releases
Name: IK8000102 (6457) Type: environmentalAlarm (2) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: mb interface (1413) Implicitly cleared: true Default probable cause: externalEquipmentFailure (770)	<ul style="list-style-type: none"> LR14.3.MG
Description: This alarm is raised when diameter peer failure is detected by BMSC on SG-mb interface. Alarm is cleared by the system. Reason: externalEquipmentFailure		
Remedial action: Check Diameter configuration and network access		

Table 26-32 IK8000103 - mb interface

Alarm	Attributes	Applicable major releases
Name: IK8000103 (6458) Type: environmentalAlarm (2) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: mb interface (1413) Implicitly cleared: true Default probable cause: externalEquipmentFailure (770)	<ul style="list-style-type: none"> LR14.3.MG
Description: This alarm is raised when diameter peer failure is detected by MBMS-GW on SG-mb interface. Alarm is cleared by the system. Reason: externalEquipmentFailure		
Remedial action: Check Diameter configuration and network access		

Table 26-33 IK8000106 - Provision

Alarm	Attributes	Applicable major releases
Name: IK8000106 (6459) Type: environmentalAlarm (2) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: Provision (1940) Implicitly cleared: true Default probable cause: externalEquipmentFailure (770)	<ul style="list-style-type: none"> LR14.3.MG
Description: This is a spare for future use Reason: externalEquipmentFailure		
Remedial action: If the problem persists, contact Alcatel-Lucent customer support.		

Table 26-34 IK8000107 - OnDemand file download failure

Alarm	Attributes	Applicable major releases
Name: IK8000107 (6460) Type: processingErrorAlarm (81) Package: lmg Raised on class: lmg.LMGmngElement	Severity: minor Specific problem: OnDemand file download failure (1415) Implicitly cleared: false Default probable cause: applicationSubsystemFailure (689)	<ul style="list-style-type: none"> LR14.3.MG
Description: This alarm is raised in case of failure to download OnDemand file. Alarm to be cleared by the operator at the management system. Reason: applicationSubsystemFailure		
Remedial action: Check the URI file access		

Table 26-35 IK8000108 - Missing socket

Alarm	Attributes	Applicable major releases
Name: IK8000108 (6461) Type: processingErrorAlarm (81) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: Missing socket (1416) Implicitly cleared: true Default probable cause: applicationSubsystemFailure (689)	<ul style="list-style-type: none"> LR14.3.MG
Description: This alarm is raised when there are no more socket available for SGI-mb interface. Alarm is cleared by the system. Reason: applicationSubsystemFailure		
Remedial action: Check system resources on the MBMS-GW		

Table 26-36 IK8000110 - HTTP basic authentication error

Alarm	Attributes	Applicable major releases
Name: IK8000110 (6462) Type: securityServiceOrMechanismViolation (92) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: HTTP basic authentication error (1417) Implicitly cleared: true Default probable cause: authenticationFailure (786)	<ul style="list-style-type: none"> LR14.3.MG
Description: This alarm is raised in case of authentication error - DownloadAgent. Alarm is cleared by the system. Reason: authenticationFailure		
Remedial action: Check right or authentication parameters		

Table 26-37 IK8000113 - Problem with File Uri, or unreachable DNS

Alarm	Attributes	Applicable major releases
Name: IK8000113 (6463) Type: processingErrorAlarm (81) Package: lmg Raised on class: lmg.LMGmngElement	Severity: minor Specific problem: Problem with File Uri, or unreachable DNS (1418) Implicitly cleared: true Default probable cause: applicationSubsystemFailure (689)	<ul style="list-style-type: none"> LR14.3.MG
Description: This alarm is raised when the File Uri domain name cannot be resolved, or the file Uri cannot be found. Alarm is cleared by the system. Reason: applicationSubsystemFailure		
Remedial action: Check DNS status, check content server or file availability		

Table 26-38 IK8000117 - No successful RAA Diameter message received

Alarm	Attributes	Applicable major releases
Name: IK8000117 (6464) Type: environmentalAlarm (2) Package: lmg Raised on class: lmg.LMGmngElement	Severity: minor Specific problem: No successful RAA Diameter message received (1419) Implicitly cleared: true Default probable cause: externalEquipmentFailure (770)	<ul style="list-style-type: none"> LR14.3.MG
Description: This alarm is raised when no successful RAA (start session/stop session) Diameter message is received from MBMS-GW. Alarm is cleared by the system. Reason: externalEquipmentFailure		
Remedial action: Check MBMS-GW and network status		

Table 26-39 IK8000120 - Provision

Alarm	Attributes	Applicable major releases
Name: IK8000120 (8255) Type: processingErrorAlarm (81) Package: lmg Raised on class: lmg.LMGmngElement	Severity: warning Specific problem: Provision (1940) Implicitly cleared: true Default probable cause: applicationSubsystemFailure (689)	<ul style="list-style-type: none"> LR14.3.MG
Description: This is a spare for future use\nReason: excessiveErrorRate		
Remedial action: If the problem persists, contact Alcatel-Lucent customer support.		

Table 26-40 IK8000121 - Provision

Alarm	Attributes	Applicable major releases
Name: IK8000121 (8256) Type: processingErrorAlarm (81) Package: lmg Raised on class: lmg.LMGmngElement	Severity: warning Specific problem: Provision (1940) Implicitly cleared: true Default probable cause: applicationSubsystemFailure (689)	<ul style="list-style-type: none"> LR14.3.MG
Description: This is a spare for future use\nReason: excessiveErrorRate		
Remedial action: If the problem persists, contact Alcatel-Lucent customer support.		

Table 26-41 IK8000122 - Provision

Alarm	Attributes	Applicable major releases
Name: IK8000122 (8257) Type: processingErrorAlarm (81) Package: lmg Raised on class: lmg.LMGmngElement	Severity: warning Specific problem: Provision (1940) Implicitly cleared: true Default probable cause: applicationSubsystemFailure (689)	<ul style="list-style-type: none"> LR14.3.MG
Description: This is a spare for future use\nReason: excessiveErrorRate		
Remedial action: If the problem persists, contact Alcatel-Lucent customer support.		

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Table 26-42 IK8000123 - Provision

Alarm	Attributes	Applicable major releases
Name: IK8000123 (8258) Type: processingErrorAlarm (81) Package: lmg Raised on class: lmg.LMGmngElement	Severity: warning Specific problem: Provision (1940) Implicitly cleared: true Default probable cause: applicationSubsystemFailure (689)	<ul style="list-style-type: none"> LR14.3.MG
Description: This is a spare for future use Reason: excessiveErrorRate		
Remedial action: If the problem persists, contact Alcatel-Lucent customer support.		

Table 26-43 IK8000124 - Provision

Alarm	Attributes	Applicable major releases
Name: IK8000124 (8259) Type: processingErrorAlarm (81) Package: lmg Raised on class: lmg.LMGmngElement	Severity: warning Specific problem: Provision (1940) Implicitly cleared: false Default probable cause: applicationSubsystemFailure (689)	<ul style="list-style-type: none"> LR14.3.MG
Description: This is a spare for future use Reason: excessiveErrorRate		
Remedial action: If the problem persists, contact Alcatel-Lucent customer support.		

Table 26-44 IK8020002 - Provision

Alarm	Attributes	Applicable major releases
Name: IK8020002 (8260) Type: processingErrorAlarm (81) Package: lmg Raised on class: lmg.LMGmngElement	Severity: minor Specific problem: Provision (1940) Implicitly cleared: false Default probable cause: applicationSubsystemFailure (689)	<ul style="list-style-type: none"> LR14.3.MG
Description: This is a spare for future use Reason: unauthorizedAccessAttempt		
Remedial action: If the problem persists, contact Alcatel-Lucent customer support.		

Table 26-45 IK8020003 - Provision

Alarm	Attributes	Applicable major releases
Name: IK8020003 (8261) Type: processingErrorAlarm (81) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: Provision (1940) Implicitly cleared: false Default probable cause: applicationSubsystemFailure (689)	<ul style="list-style-type: none"> LR14.3.MG
Description: This is a spare for future use Reason: communicationsProtocolError		
Remedial action: If the problem persists, contact Alcatel-Lucent customer support.		

Table 26-46 IK8020004 - Provision

Alarm	Attributes	Applicable major releases
Name: IK8020004 (8262) Type: processingErrorAlarm (81) Package: lmg Raised on class: lmg.LMGmngElement	Severity: minor Specific problem: Provision (1940) Implicitly cleared: false Default probable cause: applicationSubsystemFailure (689)	<ul style="list-style-type: none"> LR14.3.MG
Description: This is a spare for future use Reason: communicationsProtocolError		
Remedial action: If the problem persists, contact Alcatel-Lucent customer support.		

Table 26-47 IK8020005 - Provision

Alarm	Attributes	Applicable major releases
Name: IK8020005 (8263) Type: processingErrorAlarm (81) Package: lmg Raised on class: lmg.LMGmngElement	Severity: minor Specific problem: Provision (1940) Implicitly cleared: false Default probable cause: applicationSubsystemFailure (689)	<ul style="list-style-type: none"> LR14.3.MG
Description: This is a spare for future use Reason: configurationOrCustomizationError		
Remedial action: If the problem persists, contact Alcatel-Lucent customer support.		

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Table 26-48 IK8020006 - Provision

Alarm	Attributes	Applicable major releases
Name: IK8020006 (8264) Type: processingErrorAlarm (81) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: Provision (1940) Implicitly cleared: false Default probable cause: applicationSubsystemFailure (689)	<ul style="list-style-type: none"> LR14.3.MG
Description: This is a spare for future use Reason: softwareProgramError		
Remedial action: If the problem persists, contact Alcatel-Lucent customer support.		

Table 26-49 IK8020007 - Provision

Alarm	Attributes	Applicable major releases
Name: IK8020007 (8265) Type: processingErrorAlarm (81) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: Provision (1940) Implicitly cleared: false Default probable cause: applicationSubsystemFailure (689)	<ul style="list-style-type: none"> LR14.3.MG
Description: This is a spare for future use Reason: corruptData		
Remedial action: If the problem persists, contact Alcatel-Lucent customer support.		

Table 26-50 IK8020008 - Provision

Alarm	Attributes	Applicable major releases
Name: IK8020008 (8266) Type: processingErrorAlarm (81) Package: lmg Raised on class: lmg.LMGmngElement	Severity: warning Specific problem: Provision (1940) Implicitly cleared: false Default probable cause: applicationSubsystemFailure (689)	<ul style="list-style-type: none"> LR14.3.MG
Description: This is a spare for future use Reason: applicationSubsystemFailure		
Remedial action: If the problem persists, contact Alcatel-Lucent customer support.		

Table 26-51 IK8020009 - Provision

Alarm	Attributes	Applicable major releases
Name: IK8020009 (8267) Type: processingErrorAlarm (81) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: Provision (1940) Implicitly cleared: true Default probable cause: applicationSubsystemFailure (689)	<ul style="list-style-type: none"> LR14.3.MG
Description: This is a spare for future use Reason: communicationsProtocolError		
Remedial action: If the problem persists, contact Alcatel-Lucent customer support.		

Table 26-52 IK8020010 - Provision

Alarm	Attributes	Applicable major releases
Name: IK8020010 (8268) Type: processingErrorAlarm (81) Package: lmg Raised on class: lmg.LMGmngElement	Severity: warning Specific problem: Provision (1940) Implicitly cleared: false Default probable cause: applicationSubsystemFailure (689)	<ul style="list-style-type: none"> LR14.3.MG
Description: This is a spare for future use Reason: applicationSubsystemFailure		
Remedial action: If the problem persists, contact Alcatel-Lucent customer support.		

Table 26-53 IK8020011 - Provision

Alarm	Attributes	Applicable major releases
Name: IK8020011 (8269) Type: processingErrorAlarm (81) Package: lmg Raised on class: lmg.LMGmngElement	Severity: warning Specific problem: Provision (1940) Implicitly cleared: false Default probable cause: applicationSubsystemFailure (689)	<ul style="list-style-type: none"> LR14.3.MG
Description: This is a spare for future use Reason: applicationSubsystemFailure		
Remedial action: If the problem persists, contact Alcatel-Lucent customer support.		

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Table 26-54 IK8020012 - Provision

Alarm	Attributes	Applicable major releases
Name: IK8020012 (8270) Type: processingErrorAlarm (81) Package: lmg Raised on class: lmg.LMGmngElement	Severity: warning Specific problem: Provision (1940) Implicitly cleared: false Default probable cause: applicationSubsystemFailure (689)	<ul style="list-style-type: none"> LR14.3.MG
Description: This is a spare for future use Reason: applicationSubsystemFailure		
Remedial action: If the problem persists, contact Alcatel-Lucent customer support.		

Table 26-55 IK8020013 - Provision

Alarm	Attributes	Applicable major releases
Name: IK8020013 (8271) Type: processingErrorAlarm (81) Package: lmg Raised on class: lmg.LMGmngElement	Severity: warning Specific problem: Provision (1940) Implicitly cleared: false Default probable cause: applicationSubsystemFailure (689)	<ul style="list-style-type: none"> LR14.3.MG
Description: This is a spare for future use Reason: applicationSubsystemFailure		
Remedial action: If the problem persists, contact Alcatel-Lucent customer support.		

Table 26-56 IK8020014 - Provision

Alarm	Attributes	Applicable major releases
Name: IK8020014 (8272) Type: processingErrorAlarm (81) Package: lmg Raised on class: lmg.LMGmngElement	Severity: warning Specific problem: Provision (1940) Implicitly cleared: false Default probable cause: applicationSubsystemFailure (689)	<ul style="list-style-type: none"> LR14.3.MG
Description: This is a spare for future use Reason: applicationSubsystemFailure		
Remedial action: If the problem persists, contact Alcatel-Lucent customer support.		

Table 26-57 IK8020015 - Provision

Alarm	Attributes	Applicable major releases
Name: IK8020015 (8273) Type: processingErrorAlarm (81) Package: lmg Raised on class: lmg.LMGmngElement	Severity: warning Specific problem: Provision (1940) Implicitly cleared: false Default probable cause: applicationSubsystemFailure (689)	<ul style="list-style-type: none"> LR14.3.MG
Description: This is a spare for future use\nReason: applicationSubsystemFailure		
Remedial action: If the problem persists, contact Alcatel-Lucent customer support.		

Table 26-58 IK8020016 - Provision

Alarm	Attributes	Applicable major releases
Name: IK8020016 (8274) Type: processingErrorAlarm (81) Package: lmg Raised on class: lmg.LMGmngElement	Severity: warning Specific problem: Provision (1940) Implicitly cleared: false Default probable cause: applicationSubsystemFailure (689)	<ul style="list-style-type: none"> LR14.3.MG
Description: This is a spare for future use\nReason: applicationSubsystemFailure		
Remedial action: If the problem persists, contact Alcatel-Lucent customer support.		

Table 26-59 IK8020017 - Provision

Alarm	Attributes	Applicable major releases
Name: IK8020017 (8275) Type: processingErrorAlarm (81) Package: lmg Raised on class: lmg.LMGmngElement	Severity: warning Specific problem: Provision (1940) Implicitly cleared: false Default probable cause: applicationSubsystemFailure (689)	<ul style="list-style-type: none"> LR14.3.MG
Description: This is a spare for future use\nReason: applicationSubsystemFailure		
Remedial action: If the problem persists, contact Alcatel-Lucent customer support.		

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Table 26-60 IK8020018 - Provision

Alarm	Attributes	Applicable major releases
Name: IK8020018 (8276) Type: processingErrorAlarm (81) Package: lmg Raised on class: lmg.LMGmngElement	Severity: warning Specific problem: Provision (1940) Implicitly cleared: false Default probable cause: applicationSubsystemFailure (689)	<ul style="list-style-type: none"> LR14.3.MG
Description: This is a spare for future use Reason: applicationSubsystemFailure		
Remedial action: If the problem persists, contact Alcatel-Lucent customer support.		

Table 26-61 IK8020019 - Provision

Alarm	Attributes	Applicable major releases
Name: IK8020019 (8277) Type: processingErrorAlarm (81) Package: lmg Raised on class: lmg.LMGmngElement	Severity: warning Specific problem: Provision (1940) Implicitly cleared: false Default probable cause: applicationSubsystemFailure (689)	<ul style="list-style-type: none"> LR14.3.MG
Description: This is a spare for future use Reason: applicationSubsystemFailure		
Remedial action: If the problem persists, contact Alcatel-Lucent customer support.		

Table 26-62 IK8020020 - Provision

Alarm	Attributes	Applicable major releases
Name: IK8020020 (8278) Type: processingErrorAlarm (81) Package: lmg Raised on class: lmg.LMGmngElement	Severity: warning Specific problem: Provision (1940) Implicitly cleared: false Default probable cause: applicationSubsystemFailure (689)	<ul style="list-style-type: none"> LR14.3.MG
Description: This is a spare for future use Reason: applicationSubsystemFailure		
Remedial action: If the problem persists, contact Alcatel-Lucent customer support.		

Table 26-63 IK8020021 - Provision

Alarm	Attributes	Applicable major releases
Name: IK8020021 (8279) Type: processingErrorAlarm (81) Package: lmg Raised on class: lmg.LMGmngElement	Severity: warning Specific problem: Provision (1940) Implicitly cleared: false Default probable cause: applicationSubsystemFailure (689)	<ul style="list-style-type: none"> LR14.3.MG
Description: This is a spare for future use Reason: applicationSubsystemFailure		
Remedial action: If the problem persists, contact Alcatel-Lucent customer support.		

Table 26-64 IK8020022 - Provision

Alarm	Attributes	Applicable major releases
Name: IK8020022 (8280) Type: processingErrorAlarm (81) Package: lmg Raised on class: lmg.LMGmngElement	Severity: warning Specific problem: Provision (1940) Implicitly cleared: false Default probable cause: applicationSubsystemFailure (689)	<ul style="list-style-type: none"> LR14.3.MG
Description: This is a spare for future use Reason: applicationSubsystemFailure		
Remedial action: If the problem persists, contact Alcatel-Lucent customer support.		

Table 26-65 IK8020023 - Provision

Alarm	Attributes	Applicable major releases
Name: IK8020023 (8281) Type: processingErrorAlarm (81) Package: lmg Raised on class: lmg.LMGmngElement	Severity: warning Specific problem: Provision (1940) Implicitly cleared: false Default probable cause: applicationSubsystemFailure (689)	<ul style="list-style-type: none"> LR14.3.MG
Description: This is a spare for future use Reason: applicationSubsystemFailure		
Remedial action: If the problem persists, contact Alcatel-Lucent customer support.		

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Table 26-66 IK8020024 - Provision

Alarm	Attributes	Applicable major releases
Name: IK8020024 (8282) Type: processingErrorAlarm (81) Package: lmg Raised on class: lmg.LMGmngElement	Severity: warning Specific problem: Provision (1940) Implicitly cleared: false Default probable cause: applicationSubsystemFailure (689)	<ul style="list-style-type: none"> LR14.3.MG
Description: This is a spare for future use Reason: applicationSubsystemFailure		
Remedial action: If the problem persists, contact Alcatel-Lucent customer support.		

Table 26-67 IK8020025 - Provision

Alarm	Attributes	Applicable major releases
Name: IK8020025 (8283) Type: processingErrorAlarm (81) Package: lmg Raised on class: lmg.LMGmngElement	Severity: warning Specific problem: Provision (1940) Implicitly cleared: false Default probable cause: applicationSubsystemFailure (689)	<ul style="list-style-type: none"> LR14.3.MG
Description: This is a spare for future use Reason: applicationSubsystemFailure		
Remedial action: If the problem persists, contact Alcatel-Lucent customer support.		

Table 26-68 IK8020026 - Provision

Alarm	Attributes	Applicable major releases
Name: IK8020026 (8284) Type: processingErrorAlarm (81) Package: lmg Raised on class: lmg.LMGmngElement	Severity: warning Specific problem: Provision (1940) Implicitly cleared: false Default probable cause: applicationSubsystemFailure (689)	<ul style="list-style-type: none"> LR14.3.MG
Description: This is a spare for future use Reason: applicationSubsystemFailure		
Remedial action: If the problem persists, contact Alcatel-Lucent customer support.		

Table 26-69 IK8020027 - Provision

Alarm	Attributes	Applicable major releases
Name: IK8020027 (8285) Type: processingErrorAlarm (81) Package: lmg Raised on class: lmg.LMGmngElement	Severity: warning Specific problem: Provision (1940) Implicitly cleared: false Default probable cause: applicationSubsystemFailure (689)	<ul style="list-style-type: none"> LR14.3.MG
Description: This is a spare for future use Reason: applicationSubsystemFailure		
Remedial action: If the problem persists, contact Alcatel-Lucent customer support.		

Table 26-70 IK8020028 - Provision

Alarm	Attributes	Applicable major releases
Name: IK8020028 (8286) Type: processingErrorAlarm (81) Package: lmg Raised on class: lmg.LMGmngElement	Severity: warning Specific problem: Provision (1940) Implicitly cleared: false Default probable cause: applicationSubsystemFailure (689)	<ul style="list-style-type: none"> LR14.3.MG
Description: This is a spare for future use Reason: applicationSubsystemFailure		
Remedial action: If the problem persists, contact Alcatel-Lucent customer support.		

Table 26-71 IK8020029 - Provision

Alarm	Attributes	Applicable major releases
Name: IK8020029 (8287) Type: processingErrorAlarm (81) Package: lmg Raised on class: lmg.LMGmngElement	Severity: warning Specific problem: Provision (1940) Implicitly cleared: false Default probable cause: applicationSubsystemFailure (689)	<ul style="list-style-type: none"> LR14.3.MG
Description: This is a spare for future use Reason: applicationSubsystemFailure		
Remedial action: If the problem persists, contact Alcatel-Lucent customer support.		

Table 26-72 IK8100004 - GSEM cannot interrogate this equipment

Alarm	Attributes	Applicable major releases
Name: IK8100004 (6465) Type: communicationsAlarm (4) Package: lmg Raised on class: lmg.LMGmngElement	Severity: critical Specific problem: GSEM cannot interrogate this equipment (1420) Implicitly cleared: true Default probable cause: communicationsSubsystemFailure (915)	<ul style="list-style-type: none"> LR14.3.MG
Description: . Alarm is cleared by the system.\nReason: Communication problem with equipment		
Remedial action: Check the equipment status and the GSEM/NE connection		

Table 26-73 IK8100005 - Monitored object status change

Alarm	Attributes	Applicable major releases
Name: IK8100005 (6466) Type: processingErrorAlarm (81) Package: lmg Raised on class: lmg.LMGmngElement	Severity: variable Specific problem: Monitored object status change (1421) Implicitly cleared: true Default probable cause: applicationSubsystemFailure (689)	<ul style="list-style-type: none"> LR14.3.MG
Description: a configurable string is displayed. Alarm is cleared by the system.\nReason: Monitoring		
Remedial action: Check the object		

Table 26-74 IK8100006 - Change of consolidated status of a submap

Alarm	Attributes	Applicable major releases
Name: IK8100006 (6467) Type: processingErrorAlarm (81) Package: lmg Raised on class: lmg.LMGmngElement	Severity: variable Specific problem: Change of consolidated status of a submap (1422) Implicitly cleared: true Default probable cause: applicationSubsystemFailure (689)	<ul style="list-style-type: none"> LR14.3.MG
Description: Map Name and new status are displayed. Alarm is cleared by the system.\nReason: Map Status Change		
Remedial action: Check the submap		

Table 26-75 IK8100007 - Change of Icon status

Alarm	Attributes	Applicable major releases
Name: IK8100007 (6468) Type: processingErrorAlarm (81) Package: lmg Raised on class: lmg.LMGmngElement	Severity: variable Specific problem: Change of Icon status (1423) Implicitly cleared: true Default probable cause: applicationSubsystemFailure (689)	<ul style="list-style-type: none"> LR14.3.MG
Description: Icon Name and status change reason are displayed. Alarm is cleared by the system.\nReason: Icon Status Change		
Remedial action: Check the object attached to the icon		

Table 26-76 IK8100046 - GSEM starts

Alarm	Attributes	Applicable major releases
Name: IK8100046 (6469) Type: processingErrorAlarm (81) Package: lmg Raised on class: lmg.LMGmngElement	Severity: warning Specific problem: GSEM starts (1424) Implicitly cleared: true Default probable cause: applicationSubsystemFailure (689)	<ul style="list-style-type: none"> LR14.3.MG
Description: Server startup. Alarm is automatically ack'ed and cleared after 2 minutes.\nReason: Security log		
Remedial action: If the problem persists, contact Alcatel-Lucent customer support.		

Table 26-77 IK8100068 - GSEM Server

Alarm	Attributes	Applicable major releases
Name: IK8100068 (6470) Type: processingErrorAlarm (81) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: GSEM Server (1425) Implicitly cleared: false Default probable cause: configurationOrCustomizationError (902)	<ul style="list-style-type: none"> LR14.3.MG
Description: The GSEM server licence will expire. Alarm to be cleared by the operator at the management system.\nReason: Licence trap		
Remedial action: Check the date, order a licence		

Table 26-78 IK8100076 - graph data directory

Alarm	Attributes	Applicable major releases
Name: IK8100076 (6471) Type: processingErrorAlarm (81) Package: lmg Raised on class: lmg.LMGmngElement	Severity: warning Specific problem: graph data directory (1426) Implicitly cleared: true Default probable cause: applicationSubsystemFailure (689)	<ul style="list-style-type: none"> LR14.3.MG
Description: . Alarm is cleared by the system.\nReason: Graph Data Size Overflow		
Remedial action: Check the configured graph data directory (by default etc/graphData)		

Table 26-79 IK8100077 - log directory

Alarm	Attributes	Applicable major releases
Name: IK8100077 (6472) Type: processingErrorAlarm (81) Package: lmg Raised on class: lmg.LMGmngElement	Severity: warning Specific problem: log directory (1427) Implicitly cleared: true Default probable cause: applicationSubsystemFailure (689)	<ul style="list-style-type: none"> LR14.3.MG
Description: . Alarm is cleared by the system.\nReason: Log Data Size Overflow		
Remedial action: Check the log directory (by default etc/log)		

Table 26-80 IK8200982 - Cluster Node Failed

Alarm	Attributes	Applicable major releases
Name: IK8200982 (6473) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: Cluster Node Failed (1428) Implicitly cleared: false Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> LR14.3.MG
Description: This alarm will be sent any time the condition of a node in the cluster becomes failed.\nAlarm to be cleared by the operator at the management system.\nReason: cpqClusterNodeFailed		
Remedial action: Make a note of the cluster node name then check the node for the cause of the failure.		

Table 26-81 IK8200984 - Cluster Resource Failed

Alarm	Attributes	Applicable major releases
Name: IK8200984 (6474) Type: processingErrorAlarm (81) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: Cluster Resource Failed (1429) Implicitly cleared: false Default probable cause: underlyingResourceUnavailable (724)	<ul style="list-style-type: none"> LR14.3.MG
Description: This alarm will be sent any time the condition of a cluster resource becomes failed. Alarm to be cleared by the operator at the management system. Reason: cpqClusterResourceFailed		
Remedial action: Make a note of the cluster resource name then check the resource for the cause of the failure.		

Table 26-82 IK8200986 - Cluster Network Failed

Alarm	Attributes	Applicable major releases
Name: IK8200986 (6475) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: Cluster Network Failed (1430) Implicitly cleared: false Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> LR14.3.MG
Description: This alarm will be sent any time the condition of a cluster network becomes failed. Alarm to be cleared by the operator at the management system. Reason: cpqClusterNetworkFailed		
Remedial action: Make a note of the cluster network name then check the network for the cause of the failure.		

Table 26-83 IK8201008 - The primary controller in the subsystem has failed

Alarm	Attributes	Applicable major releases
Name: IK8201008 (6476) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: The primary controller in the subsystem has failed (1431) Implicitly cleared: false Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> LR14.3.MG
Description: The primary controller in the subsystem has failed. Details: The primary Controller has failed. Alarm to be cleared by the operator at the management system. Reason: cpqCrController1FailureTrap		
Remedial action: Replace controller. Possible causes are controller physically removed, actual hardware failure.		

Table 26-84 IK8201010 - The secondary controller in the subsystem has failed

Alarm	Attributes	Applicable major releases
Name: IK8201010 (6477) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: The secondary controller in the subsystem has failed (1432) Implicitly cleared: false Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> LR14.3.MG
Description: The secondary controller in the subsystem has failed. Details: The secondary controller has failed.\nAlarm to be cleared by the operator at the management system.\nReason: cpqCrController2FailureTrap		
Remedial action: Replace controller. Possible causes are controller physically removed, actual hardware failure.		

Table 26-85 IK8201013 - A RAIDset has failed

Alarm	Attributes	Applicable major releases
Name: IK8201013 (6478) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: A RAIDset has failed (1433) Implicitly cleared: false Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> LR14.3.MG
Description: A RAIDset has failed. Details: The RAIDset has failed and is off-line.\nAlarm to be cleared by the operator at the management system.\nReason: cpqCrLogDriveFailureTrap		
Remedial action: Possible cause is too many failed disk drives that make up the RAIDset, the OS can no longer communicate with the RAIDset for other reasons.		

Table 26-86 IK8201018 - A disk drive has failed

Alarm	Attributes	Applicable major releases
Name: IK8201018 (6479) Type: processingErrorAlarm (81) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: A disk drive has failed (1434) Implicitly cleared: true Default probable cause: storageCapacityProblem (679)	<ul style="list-style-type: none"> LR14.3.MG
Description: A disk drive has failed. Details: A disk device has failed.\nAlarm is cleared by the system.\nReason: cpqCrDiskFailureTrap		
Remedial action: Replace the disk device.		

Table 26-87 IK8201023 - A disk drive has failed

Alarm	Attributes	Applicable major releases
Name: IK8201023 (6480) Type: processingErrorAlarm (81) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: A disk drive has failed (1434) Implicitly cleared: false Default probable cause: storageCapacityProblem (679)	<ul style="list-style-type: none"> LR14.3.MG
Description: A disk drive has failed. Details: A disk device has failed.\nAlarm to be cleared by the operator at the management system.\nReason: cpqCrPhyDiskFailureTrap		
Remedial action: Replace the disk device.		

Table 26-88 IK8201030 - Power supply has failed

Alarm	Attributes	Applicable major releases
Name: IK8201030 (6481) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: Power supply has failed (1435) Implicitly cleared: true Default probable cause: powerProblem (911)	<ul style="list-style-type: none"> LR14.3.MG
Description: Power supply has failed. Details: One of the power supplies in the primary enclosure has failed.\nAlarm is cleared by the system.\nReason: cpqCrEMUPowerSupplyFailureTrap		
Remedial action: Replace the power supply. Possible causes are power supply physically removed, power cord unplugged, actual hardware failure.		

Table 26-89 IK8201033 - Primary enclosure temperature critical!

Alarm	Attributes	Applicable major releases
Name: IK8201033 (6482) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGmngElement	Severity: critical Specific problem: Primary enclosure temperature critical! (1436) Implicitly cleared: false Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> LR14.3.MG
Description: Primary enclosure temperature critical!. Details: The temperature in the primary enclosure has triggered a critical condition detected by the controller.\nAlarm to be cleared by the operator at the management system.\nReason: cpqCrEMUTemperatureCriticalTrap		
Remedial action: Check the cooling fans in the primary enclosure.		

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Table 26-90 IK8201037 - Power supply has failed

Alarm	Attributes	Applicable major releases
Name: IK8201037 (6483) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: Power supply has failed (1435) Implicitly cleared: true Default probable cause: powerProblem (911)	<ul style="list-style-type: none"> LR14.3.MG
Description: Power supply has failed. Details: One of the power supplies in the expansion cabinet has failed.\nAlarm is cleared by the system.\nReason: cpqCrExpCabPowerSupplyFailureTrap		
Remedial action: Replace the power supply. Possible causes are power supply physically removed, power cord unplugged, actual hardware failure.		

Table 26-91 IK8201040 - cpqCrExpCabTemperatureCriticalTrap

Alarm	Attributes	Applicable major releases
Name: IK8201040 (6484) Type: environmentalAlarm (2) Package: lmg Raised on class: lmg.LMGmngElement	Severity: critical Specific problem: cpqCrExpCabTemperatureCriticalTrap (1437) Implicitly cleared: false Default probable cause: temperatureUnacceptable (721)	<ul style="list-style-type: none"> LR14.3.MG
Description: Expansion cabinet temperature critical! Details: The temperature in the expansion cabinet has triggered a critical condition detected by the controller.\nAlarm to be cleared by the operator at the management system.\nReason: cpqCrExpCabTemperatureCriticalTrap		
Remedial action: Check the cooling fans in the expansion cabinet.		

Table 26-92 IK8201060 - External Array Accelerator Board Battery Failed

Alarm	Attributes	Applicable major releases
Name: IK8201060 (6485) Type: environmentalAlarm (2) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: External Array Accelerator Board Battery Failed (1438) Implicitly cleared: false Default probable cause: batteryFailure (649)	<ul style="list-style-type: none"> LR14.3.MG
Description: External Array Accelerator Board Battery Failed. This alarm signifies that the agent has detected a battery failure associated with the Array Accelerator Cache Board.\nAlarm to be cleared by the operator at the management system.\nReason: cpqFcaAccelBatteryFailed		
Remedial action: Replace the Accelerator Cache Board.		

Table 26-93 IK8201073 - External Array Accelerator Board Battery Failed

Alarm	Attributes	Applicable major releases
Name: IK8201073 (6486) Type: environmentalAlarm (2) Package: Img Raised on class: Img.LMGmngElement	Severity: major Specific problem: External Array Accelerator Board Battery Failed (1438) Implicitly cleared: false Default probable cause: batteryFailure (649)	<ul style="list-style-type: none"> LR14.3.MG
Description: External Array Accelerator Board Battery Failed. This alarm signifies that the agent has detected a battery failure associated with the Array Accelerator Cache Board.\nAlarm to be cleared by the operator at the management system.\nReason: cpqFca2AccelBatteryFailed		
Remedial action: Replace the Accelerator Cache Board.		

Table 26-94 IK8201098 - POST Errors Occurred

Alarm	Attributes	Applicable major releases
Name: IK8201098 (6487) Type: equipmentAlarm (3) Package: Img Raised on class: Img.LMGmngElement	Severity: major Specific problem: POST Errors Occurred (1439) Implicitly cleared: false Default probable cause: powerProblem (911)	<ul style="list-style-type: none"> LR14.3.MG
Description: One or more POST errors occurred. Power On Self-Test (POST) errors occur during the server restart process.\nAlarm to be cleared by the operator at the management system.\nReason: cpqHePostError		
Remedial action: Refer to the Integrated Management Log for details on the POST error.		

Table 26-95 IK8201102 - Thermal Failure

Alarm	Attributes	Applicable major releases
Name: IK8201102 (6488) Type: environmentalAlarm (2) Package: Img Raised on class: Img.LMGmngElement	Severity: major Specific problem: Thermal Failure (1440) Implicitly cleared: false Default probable cause: temperatureUnacceptable (721)	<ul style="list-style-type: none"> LR14.3.MG
Description: The temperature status has been set to failed. The system will be shutdown due to this thermal condition.\nAlarm to be cleared by the operator at the management system.\nReason: cpqHe3ThermalTempFailed		
Remedial action: Check the system for hardware failures and verify the environment is properly cooled.		

Table 26-96 IK8201105 - System Fan Failure

Alarm	Attributes	Applicable major releases
Name: IK8201105 (6489) Type: environmentalAlarm (2) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: System Fan Failure (1441) Implicitly cleared: true Default probable cause: coolingFanFailure (651)	<ul style="list-style-type: none"> LR14.3.MG
Description: The system fan status has been set to failed. A required system fan is not operating normally. The system will be shutdown if the cpqHeThermalDegradedAction variable is set to shutdown(3).\nAlarm is cleared by the system.\nReason: cpqHe3ThermalSystemFanFailed		
Remedial action: Replace the failed fan.		

Table 26-97 IK8201112 - POST Errors Occurred

Alarm	Attributes	Applicable major releases
Name: IK8201112 (6490) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: POST Errors Occurred (1439) Implicitly cleared: false Default probable cause: powerProblem (911)	<ul style="list-style-type: none"> LR14.3.MG
Description: One or more POST errors occurred. Power On Self-Test (POST) errors occur during the server restart process. Details of the POST error messages can be found in Integrated Management Log\nAlarm to be cleared by the operator at the management system.\nReason: cpqHe3PostError		
Remedial action: Refer to the Integrated Management Log for details on the POST error.		

Table 26-98 IK8201116 - Power Supply Failed

Alarm	Attributes	Applicable major releases
Name: IK8201116 (6491) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: Power Supply Failed (1442) Implicitly cleared: true Default probable cause: powerProblem (911)	<ul style="list-style-type: none"> LR14.3.MG
Description: The fault tolerant power supply condition has been set to failed for the specified chassis and bay location.\nAlarm is cleared by the system.\nReason: cpqHe3FitToIPowerSupplyFailed		
Remedial action: If the problem persists, contact Alcatel-Lucent customer support.		

Table 26-99 IK8201121 - Fan Failed

Alarm	Attributes	Applicable major releases
Name: IK8201121 (6492) Type: environmentalAlarm (2) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: Fan Failed (1443) Implicitly cleared: true Default probable cause: coolingFanFailure (651)	<ul style="list-style-type: none"> LR14.3.MG
Description: The Fault Tolerant Fan condition has been set to failed for the specified chassis and fan.\nAlarm is cleared by the system.\nReason: cpqHe3FitToIFanFailed		
Remedial action: Replace the failed fan.		

Table 26-100 IK8201125 - Thermal Failure

Alarm	Attributes	Applicable major releases
Name: IK8201125 (6493) Type: environmentalAlarm (2) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: Thermal Failure (1440) Implicitly cleared: false Default probable cause: temperatureUnacceptable (721)	<ul style="list-style-type: none"> LR14.3.MG
Description: The temperature status has been set to failed in the specified chassis and location. The system will be shutdown due to this condition.\nAlarm to be cleared by the operator at the management system.\nReason: cpqHe3TemperatureFailed		
Remedial action: Check the system for hardware failures and verify the environment is properly cooled.		

Table 26-101 IK8201129 - Power Converter Failed

Alarm	Attributes	Applicable major releases
Name: IK8201129 (6494) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: Power Converter Failed (1444) Implicitly cleared: false Default probable cause: powerProblem (911)	<ul style="list-style-type: none"> LR14.3.MG
Description: The DC-DC Power Converter condition has been set to failed for the specified chassis, slot and socket.\nAlarm to be cleared by the operator at the management system.\nReason: cpqHe3PowerConverterFailed		
Remedial action: Replace the failed power converter.		

Table 26-102 IK8201135 - Power Supply Failed

Alarm	Attributes	Applicable major releases
Name: IK8201135 (6495) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: Power Supply Failed (1442) Implicitly cleared: true Default probable cause: powerProblem (911)	<ul style="list-style-type: none"> LR14.3.MG
Description: The fault tolerant power supply condition has been set to failed for the specified chassis and bay location.\nAlarm is cleared by the system.\nReason: cpqHe4FitToIPowerSupplyFailed		
Remedial action: Replace the failed power supply.		

Table 26-103 IK8201144 - Memory Board or Cartridge Bus Error Detected

Alarm	Attributes	Applicable major releases
Name: IK8201144 (6496) Type: processingErrorAlarm (81) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: Memory Board or Cartridge Bus Error Detected (1445) Implicitly cleared: false Default probable cause: memoryMismatch (680)	<ul style="list-style-type: none"> LR14.3.MG
Description: Memory board or cartridge bus error detected. An Advanced Memory Protection sub-system board or cartridge bus error has been detected.\nAlarm to be cleared by the operator at the management system.\nReason: cpqHeResMemBoardBusError		
Remedial action: Replace the indicated board or cartridge.		

Table 26-104 IK8201148 - Management processor failed reset

Alarm	Attributes	Applicable major releases
Name: IK8201148 (6497) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: Management processor failed reset (1446) Implicitly cleared: false Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> LR14.3.MG
Description: The Management processor failed reset The management processor was not successfully reset and is not operational.\nAlarm to be cleared by the operator at the management system.\nReason: cpqHeManagementProcFailedReset		
Remedial action: Reset the management procesessor again or re-flash the management processor firmware.		

Table 26-105 IK8201152 - Memory Board or Cartridge or Riser Bus Error Detected

Alarm	Attributes	Applicable major releases
Name: IK8201152 (6498) Type: processingErrorAlarm (81) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: Memory Board or Cartridge or Riser Bus Error Detected (1447) Implicitly cleared: false Default probable cause: memoryMismatch (680)	<ul style="list-style-type: none"> LR14.3.MG
Description: Memory board or cartridge or Riser bus error detected. An Advanced Memory Protection sub-system board or cartridge or Riser bus error has been detected. Value 0 for CPU means memory is not processor based. Alarm to be cleared by the operator at the management system. Reason: cpqHe5ResMemBoardBusError		
Remedial action: Replace the indicated board or cartridge or Riser.		

Table 26-106 IK8201154 - Power Supply AC Power Loss

Alarm	Attributes	Applicable major releases
Name: IK8201154 (6499) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: Power Supply AC Power Loss (1448) Implicitly cleared: false Default probable cause: powerProblem (911)	<ul style="list-style-type: none"> LR14.3.MG
Description: The fault tolerant power supply AC power loss for the specified chassis and bay location. Alarm to be cleared by the operator at the management system. Reason: cpqHe4FitToIPowerSupplyACpowerloss		
Remedial action: Check the power source for the specified power supply.		

Table 26-107 IK8201156 - Application Error Trap

Alarm	Attributes	Applicable major releases
Name: IK8201156 (6500) Type: processingErrorAlarm (81) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: Application Error Trap (1449) Implicitly cleared: false Default probable cause: applicationSubsystemFailure (689)	<ul style="list-style-type: none"> LR14.3.MG
Description: An application has generated an exception. Specific error information is contained in the variable cpqHoSwPerfAppErrorDesc. Alarm to be cleared by the operator at the management system. Reason: cpqHoAppErrorTrap		
Remedial action: If the problem persists, contact Alcatel-Lucent customer support.		

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Table 26-108 IK8201158 - Application Error Trap

Alarm	Attributes	Applicable major releases
Name: IK8201158 (6501) Type: processingErrorAlarm (81) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: Application Error Trap (1449) Implicitly cleared: false Default probable cause: applicationSubsystemFailure (689)	<ul style="list-style-type: none"> LR14.3.MG
Description: An application has generated an exception. Specific error information is contained in the variable cpqHoSwPerfAppErrorDesc.\nAlarm to be cleared by the operator at the management system.\nReason: cpqHo2AppErrorTrap		
Remedial action: If the problem persists, contact Alcatel-Lucent customer support.		

Table 26-109 IK8201163 - Status Trap

Alarm	Attributes	Applicable major releases
Name: IK8201163 (6502) Type: communicationsAlarm (4) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: Status Trap (1450) Implicitly cleared: true Default probable cause: communicationsSubsystemFailure (915)	<ul style="list-style-type: none"> LR14.3.MG
Description: This alarm will be sent any time the status of a NIC changes to the Failed condition.\nAlarm is cleared by the system.\nReason: cpqHo2NicStatusFailed2		
Remedial action: Check the network cables. Replace the failed NIC.		

Table 26-110 IK8201172 - Power Threshold Exceeded

Alarm	Attributes	Applicable major releases
Name: IK8201172 (6503) Type: qualityOfServiceAlarm (82) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: Power Threshold Exceeded (1451) Implicitly cleared: false Default probable cause: resourceAtOrNearingCapacity (715)	<ul style="list-style-type: none"> LR14.3.MG
Description: This alarm notifies user of a power threshold breach. Power threshold exceeded.\nAlarm to be cleared by the operator at the management system.\nReason: cpqHo2PowerThresholdTrap		
Remedial action: If the problem persists, contact Alcatel-Lucent customer support.		

Table 26-111 IK8202265 - Accelerator Board Battery Failed

Alarm	Attributes	Applicable major releases
Name: IK8202265 (6504) Type: environmentalAlarm (2) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: Accelerator Board Battery Failed (1452) Implicitly cleared: false Default probable cause: batteryFailure (649)	<ul style="list-style-type: none"> LR14.3.MG
Description: Accelerator Board Battery Failed. This alarm signifies that the agent has detected a battery failure associated with the array accelerator cache board. The current battery status is indicated by the cpqDaAccelBattery variable. \nAlarm to be cleared by the operator at the management system. \nReason: cpqDaAccelBatteryFailed		
Remedial action: check the Accelerator Board Battery		

Table 26-112 IK8202272 - Accelerator Board Battery Failed

Alarm	Attributes	Applicable major releases
Name: IK8202272 (6505) Type: environmentalAlarm (2) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: Accelerator Board Battery Failed (1452) Implicitly cleared: false Default probable cause: batteryFailure (649)	<ul style="list-style-type: none"> LR14.3.MG
Description: Accelerator Board Battery Failed. This alarm signifies that the agent has detected a battery failure associated with the array accelerator cache board. The current battery status is indicated by the cpqDaAccelBattery variable. \nAlarm to be cleared by the operator at the management system. \nReason: cpqDa2AccelBatteryFailed		
Remedial action: check the Accelerator Board Battery		

Table 26-113 IK8202279 - Accelerator Board Battery Failed

Alarm	Attributes	Applicable major releases
Name: IK8202279 (6506) Type: environmentalAlarm (2) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: Accelerator Board Battery Failed (1452) Implicitly cleared: false Default probable cause: batteryFailure (649)	<ul style="list-style-type: none"> LR14.3.MG
Description: Accelerator Board Battery Failed. This alarm signifies that the agent has detected a battery failure associated with the array accelerator cache board. The current battery status is indicated by the cpqDaAccelBattery variable. \nAlarm to be cleared by the operator at the management system. \nReason: cpqDa3AccelBatteryFailed		
Remedial action: check the Accelerator Board Battery		

Table 26-114 IK8202291 - Accelerator Board Bad Data

Alarm	Attributes	Applicable major releases
Name: IK8202291 (6507) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: Accelerator Board Bad Data (1453) Implicitly cleared: false Default probable cause: powerProblem (911)	<ul style="list-style-type: none"> LR14.3.MG
Description: Accelerator Board Bad Data. This alarm signifies that the agent has detected an array accelerator cache board that has lost battery power. If data was being stored in the accelerator cache memory when the server lost power, that data has been lost.\nAlarm to be cleared by the operator at the management system.\nReason: cpqDa5AccelBadDataTrap		
Remedial action: Verify that no data has been lost.		

Table 26-115 IK8202292 - Accelerator Board Battery Failed

Alarm	Attributes	Applicable major releases
Name: IK8202292 (6508) Type: environmentalAlarm (2) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: Accelerator Board Battery Failed (1452) Implicitly cleared: false Default probable cause: batteryFailure (649)	<ul style="list-style-type: none"> LR14.3.MG
Description: Accelerator Board Battery Failed. This alarm signifies that the agent has detected a battery failure associated with the array accelerator cache board.\nAlarm to be cleared by the operator at the management system.\nReason: cpqDa5AccelBatteryFailed		
Remedial action: Replace the Accelerator Cache Board.		

Table 26-116 IK8202295 - Physical Drive Threshold Passed

Alarm	Attributes	Applicable major releases
Name: IK8202295 (6509) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: Physical Drive Threshold Passed (1454) Implicitly cleared: false Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> LR14.3.MG
Description: Physical Drive Threshold Passed. This alarm signifies that the agent has detected a factory threshold associated with one of the physical drive objects on a drive array has been exceeded.\nAlarm to be cleared by the operator at the management system.\nReason: cpqDa5PhyDrvThreshPassedTrap		
Remedial action: Replace the physical drive.		

Table 26-117 IK8202302 - Physical Drive Threshold Passed

Alarm	Attributes	Applicable major releases
Name: IK8202302 (6510) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: Physical Drive Threshold Passed (1454) Implicitly cleared: false Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> LR14.3.MG
Description: Physical Drive Threshold Passed. This alarm signifies that the agent has detected a factory threshold associated with one of the physical drive objects on a drive array has been exceeded.\nAlarm to be cleared by the operator at the management system.\nReason: cpqDa6PhyDrvThreshPassedTrap		
Remedial action: Replace the physical drive.		

Table 26-118 IK8202337 - NIC Status Trap

Alarm	Attributes	Applicable major releases
Name: IK8202337 (6511) Type: communicationsAlarm (4) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: NIC Status Trap (1455) Implicitly cleared: true Default probable cause: communicationsSubsystemFailure (915)	<ul style="list-style-type: none"> LR14.3.MG
Description: This alarm will be sent any time the status of a logical adapter changes to the Failed condition. This occurs when the adapter in a single adapter configuration fails, or when the last adapter in a redundant configuration fails. This can be caused by loss of link due to a cable being removed from the adapter or the Hub or Switch. Internal adapter, Hub, or Switch failures can also cause this condition.\nAlarm is cleared by the system.\nReason: cpqNicConnectivityLost		
Remedial action: Check the cables to the adapter and the Hub or Switch. If no cable problems are found, the adapter, Hub, or Switch may need replacement.		

Table 26-119 IK8202341 - NIC Connectivity Lost Trap

Alarm	Attributes	Applicable major releases
Name: IK8202341 (6512) Type: communicationsAlarm (4) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: NIC Connectivity Lost Trap (1456) Implicitly cleared: true Default probable cause: communicationsSubsystemFailure (915)	<ul style="list-style-type: none"> LR14.3.MG
Description: This alarm will be sent any time the status of a logical adapter changes to the Failed condition. This occurs when the adapter in a single adapter configuration fails, or when the last adapter in a redundant configuration fails. This can be caused by loss of link due to a cable being removed from the adapter or the Hub or Switch. Internal adapter, Hub, or Switch failures can also cause this condition.\nAlarm is cleared by the system.\nReason: cpqNic2ConnectivityLost		
Remedial action: Check the cables to the adapter and the Hub or Switch. If no cable problems are found, the adapter, Hub, or Switch may need replacement.		

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Table 26-120 IK8202343 - NIC Redundancy Reduced Trap

Alarm	Attributes	Applicable major releases
Name: IK8202343 (6513) Type: communicationsAlarm (4) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: NIC Redundancy Reduced Trap (1457) Implicitly cleared: true Default probable cause: communicationsSubsystemFailure (915)	<ul style="list-style-type: none"> LR14.3.MG
Description: This alarm will be sent any time a physical adapter in a logical adapter group changes to the Failed condition, but at least one physical adapter remains in the OK condition.. This can be caused by loss of link due to a cable being removed from the adapter or the Hub or Switch. Internal adapter, Hub, or Switch failures can also cause this condition.\nAlarm is cleared by the system.\nReason: cpqNic2RedundancyReduced		
Remedial action: Check the cables to the adapter and the Hub or Switch. If no cable problems are found, the adapter, Hub, or Switch may need replacement.		

Table 26-121 IK8202347 - NIC Connectivity Lost Trap

Alarm	Attributes	Applicable major releases
Name: IK8202347 (6514) Type: communicationsAlarm (4) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: NIC Connectivity Lost Trap (1456) Implicitly cleared: false Default probable cause: communicationsSubsystemFailure (915)	<ul style="list-style-type: none"> LR14.3.MG
Description: This alarm will be sent any time the status of a logical adapter changes to the Failed condition. This occurs when the adapter in a single adapter configuration fails, or when the last adapter in a redundant configuration fails. This can be caused by loss of link due to a cable being removed from the adapter or the Hub or Switch. Internal adapter, Hub, or Switch failures can also cause this condition.\nAlarm to be cleared by the operator at the management system.\nReason: cpqNic3ConnectivityLost		
Remedial action: Check the cables to the adapter and the Hub or Switch. If no cable problems are found, the adapter, Hub, or Switch may need replacement.		

Table 26-122 IK8202349 - NIC Redundancy Reduced Trap

Alarm	Attributes	Applicable major releases
Name: IK8202349 (6515) Type: communicationsAlarm (4) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: NIC Redundancy Reduced Trap (1457) Implicitly cleared: true Default probable cause: communicationsSubsystemFailure (915)	<ul style="list-style-type: none"> LR14.3.MG
Description: This alarm will be sent any time a physical adapter in a logical adapter group changes to the Failed condition, but at least one physical adapter remains in the OK condition.. This can be caused by loss of link due to a cable being removed from the adapter or the Hub or Switch. Internal adapter, Hub, or Switch failures can also cause this condition.\nAlarm is cleared by the system.\nReason: cpqNic3RedundancyReduced		

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Alarm	Attributes	Applicable major releases
Remedial action: Check the cables to the adapter and the Hub or Switch. If no cable problems are found, the adapter, Hub, or Switch may need replacement.		

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Table 26-123 IK8202360 - Enclosure temperature failed

Alarm	Attributes	Applicable major releases
Name: IK8202360 (6516) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: Enclosure temperature failed (1458) Implicitly cleared: false Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> LR14.3.MG
Description: The enclosure temperature status has been set to failed. This alarm signifies that a enclosure temperature sensor has been tripped indicating an overheat condition.\nAlarm to be cleared by the operator at the management system.\nReason: cpqRackEnclosureTempFailed		
Remedial action: Shutdown the enclosure and possibly the rack as soon as possible. Ensure all fans are working properly and that air flow in the rack has not been blocked.		

Table 26-124 IK8202363 - Enclosure fan failed

Alarm	Attributes	Applicable major releases
Name: IK8202363 (6517) Type: environmentalAlarm (2) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: Enclosure fan failed (1459) Implicitly cleared: true Default probable cause: coolingFanFailure (651)	<ul style="list-style-type: none"> LR14.3.MG
Description: The enclosure fan status has been set to failed. This alarm signifies that an enclosure fan has failed and no other fans in the redundant fan group are operating. This may result in overheating of the enclosure.\nAlarm is cleared by the system.\nReason: cpqRackEnclosureFanFailed		
Remedial action: Replace the fan as soon as possible.		

Table 26-125 IK8202368 - Rack power supply failed

Alarm	Attributes	Applicable major releases
Name: IK8202368 (6518) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGmngElement	Severity: critical Specific problem: Rack power supply failed (1460) Implicitly cleared: true Default probable cause: powerProblem (911)	<ul style="list-style-type: none"> LR14.3.MG

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Alarm	Attributes	Applicable major releases
Description: The power supply status has been set to failed. This alarm signifies that a power supply has failed.\nAlarm is cleared by the system.\nReason: cpqRackPowerSupplyFailed		
Remedial action: Replace the power supply as soon as possible.		

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Table 26-126 IK8202369 - Rack power supply degraded

Alarm	Attributes	Applicable major releases
Name: IK8202369 (6519) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: Rack power supply degraded (1461) Implicitly cleared: false Default probable cause: powerProblem (911)	<ul style="list-style-type: none"> LR14.3.MG
Description: The power supply status has been set to degraded. This alarm signifies that a power supply has degraded.\nAlarm to be cleared by the operator at the management system.\nReason: cpqRackPowerSupplyDegraded		
Remedial action: Replace the power supply as soon as possible.		

Table 26-127 IK8202374 - Rack power supply input voltage problem

Alarm	Attributes	Applicable major releases
Name: IK8202374 (6520) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: Rack power supply input voltage problem (1462) Implicitly cleared: false Default probable cause: powerProblem (911)	<ul style="list-style-type: none"> LR14.3.MG
Description: The rack power supply detected an input line voltage problem.\nAlarm to be cleared by the operator at the management system.\nReason: cpqRackPowerSubsystemLineVoltageProblem		
Remedial action: Check the power input for the power supply or replace any failed power supplies as soon as possible.		

Table 26-128 IK8202375 - Rack power subsystem overload condition

Alarm	Attributes	Applicable major releases
Name: IK8202375 (6521) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: Rack power subsystem overload condition (1463) Implicitly cleared: false Default probable cause: powerProblem (911)	<ul style="list-style-type: none"> LR14.3.MG
Description: The rack power subsystem overload condition.\nAlarm to be cleared by the operator at the management system.\nReason: cpqRackPowerSubsystemOverloadCondition		

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Alarm	Attributes	Applicable major releases
Remedial action: Replace any failed power supplies as soon as possible to return the system to a redundant state.		

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Table 26-129 IK8202376 - Server shutdown due to power shedding

Alarm	Attributes	Applicable major releases
Name: IK8202376 (6522) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGMngElement	Severity: critical Specific problem: Server shutdown due to power shedding (1464) Implicitly cleared: false Default probable cause: powerProblem (911)	<ul style="list-style-type: none"> LR14.3.MG
Description: Server shutdown due to power shedding. The server blade was shutdown due to a lack of power. \nAlarm to be cleared by the operator at the management system. \nReason: cpqRackPowerShedAutoShutdown		
Remedial action: Check power connections or add power supplies.		

Table 26-130 IK8202377 - Server power on prevented to preserve redundancy

Alarm	Attributes	Applicable major releases
Name: IK8202377 (6523) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGMngElement	Severity: critical Specific problem: Server power on prevented to preserve redundancy (1465) Implicitly cleared: false Default probable cause: powerProblem (911)	<ul style="list-style-type: none"> LR14.3.MG
Description: Server power on prevented to preserve redundancy. There is not enough power to power on the server blade and maintain redundancy for the other blades in the enclosure. \nAlarm to be cleared by the operator at the management system. \nReason: cpqRackServerPowerOnFailedNotRedundant		
Remedial action: Check power connections or add power supplies.		

Table 26-131 IK8202378 - Inadequate power to power on

Alarm	Attributes	Applicable major releases
Name: IK8202378 (6524) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGMngElement	Severity: critical Specific problem: Inadequate power to power on (1466) Implicitly cleared: false Default probable cause: powerProblem (911)	<ul style="list-style-type: none"> LR14.3.MG
Description: Inadequate power to power on. There is not enough power to power on the server blade. \nAlarm to be cleared by the operator at the management system. \nReason: cpqRackServerPowerOnFailedNotEnoughPower		
Remedial action: Check power connections or add power supplies.		

Table 26-132 IK8202379 - Inadequate power to power on

Alarm	Attributes	Applicable major releases
Name: IK8202379 (6525) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGmngElement	Severity: critical Specific problem: Inadequate power to power on (1466) Implicitly cleared: false Default probable cause: powerProblem (911)	<ul style="list-style-type: none"> LR14.3.MG
Description: Inadequate power to power on. There is not enough power to power on the server blade. The server enclosure micro-controller was not found.\nAlarm to be cleared by the operator at the management system.\nReason: cpqRackServerPowerOnFailedEnclosureNotFound		
Remedial action: Check server enclosure connections or add power supplies.		

Table 26-133 IK8202380 - Inadequate power to power on

Alarm	Attributes	Applicable major releases
Name: IK8202380 (6526) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGmngElement	Severity: critical Specific problem: Inadequate power to power on (1466) Implicitly cleared: false Default probable cause: powerProblem (911)	<ul style="list-style-type: none"> LR14.3.MG
Description: Inadequate power to power on. There is not enough power to power on the server blade. The power enclosure micro-controller was not found.\nAlarm to be cleared by the operator at the management system.\nReason: cpqRackServerPowerOnFailedPowerChassisNotFound		
Remedial action: Check power enclosure connections or add power supplies.		

Table 26-134 IK8202382 - Fuse open

Alarm	Attributes	Applicable major releases
Name: IK8202382 (6527) Type: environmentalAlarm (2) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: Fuse open (1467) Implicitly cleared: false Default probable cause: enclosureDoorOpen (900)	<ul style="list-style-type: none"> LR14.3.MG
Description: Fuse open. The fuse has been tripped.\nAlarm to be cleared by the operator at the management system.\nReason: cpqRackFuseOpen		
Remedial action: Check enclosure and / or blade power connections and reset the fuse.		

Table 26-135 IK8202386 - Power subsystem DC power problem

Alarm	Attributes	Applicable major releases
Name: IK8202386 (6528) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGMngElement	Severity: major Specific problem: Power subsystem DC power problem (1468) Implicitly cleared: false Default probable cause: powerProblem (911)	<ul style="list-style-type: none"> LR14.3.MG
Description: Power subsystem DC power problem. There is a power subsystem DC power problem for this power enclosure.\nAlarm to be cleared by the operator at the management system.\nReason: cpqRackPowerChassisDcPowerProblem		
Remedial action: Check the power enclosure and power supplies. Replace any failed or degraded power supplies.		

Table 26-136 IK8202387 - Power subsystem AC facility input power exceeded

Alarm	Attributes	Applicable major releases
Name: IK8202387 (6529) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGMngElement	Severity: major Specific problem: Power subsystem AC facility input power exceeded (1469) Implicitly cleared: false Default probable cause: powerProblem (911)	<ul style="list-style-type: none"> LR14.3.MG
Description: Power subsystem AC facility input power exceeded. There is a power subsystem Power subsystem AC facility input power exceeded for this power enclosure.\nAlarm to be cleared by the operator at the management system.\nReason: cpqRackPowerChassisAcFacilityPowerExceeded		
Remedial action: Check the power enclosure and power supplies. Replace any failed or degraded power supplies.		

Table 26-137 IK8202388 - Unknown power consumption

Alarm	Attributes	Applicable major releases
Name: IK8202388 (6530) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGMngElement	Severity: major Specific problem: Unknown power consumption (1470) Implicitly cleared: false Default probable cause: powerProblem (911)	<ul style="list-style-type: none"> LR14.3.MG
Description: Unknown power consumption. There is an unknown power consumer drawing power.\nAlarm to be cleared by the operator at the management system.\nReason: cpqRackPowerUnknownPowerConsumption		
Remedial action: Check the power enclosure and power supplies. Replace any failed or degraded power supplies.		

Table 26-138 IK8202391 - Power subsystem improperly configured

Alarm	Attributes	Applicable major releases
Name: IK8202391 (6531) Type: processingErrorAlarm (81) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: Power subsystem improperly configured (1471) Implicitly cleared: false Default probable cause: configurationOrCustomizationError (902)	<ul style="list-style-type: none"> LR14.3.MG
Description: Power subsystem improperly configured. The power subsystem has been improperly configured.\nAlarm to be cleared by the operator at the management system.\nReason: cpqRackPowerChassisConfigError		
Remedial action: Check the cabling of the power enclosure.		

Table 26-139 IK8202401 - Interconnect failed

Alarm	Attributes	Applicable major releases
Name: IK8202401 (6532) Type: communicationsAlarm (4) Package: lmg Raised on class: lmg.LMGmngElement	Severity: critical Specific problem: Interconnect failed (1472) Implicitly cleared: false Default probable cause: communicationsSubsystemFailure (915)	<ul style="list-style-type: none"> LR14.3.MG
Description: The interconnect status has been set to failed. This alarm signifies that a interconnect has failed.\nAlarm to be cleared by the operator at the management system.\nReason: cpqRackNetConnectorFailed		
Remedial action: Replace the interconnect as soon as possible.		

Table 26-140 IK8202408 - Server blade health status degraded

Alarm	Attributes	Applicable major releases
Name: IK8202408 (6533) Type: qualityOfServiceAlarm (82) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: Server blade health status degraded (1473) Implicitly cleared: false Default probable cause: performanceDegraded (710)	<ul style="list-style-type: none"> LR14.3.MG
Description: Server blade health status Degraded. The server blade health status has changed to Degraded.\nAlarm to be cleared by the operator at the management system.\nReason: cpqRackServerBladeStatusDegraded		
Remedial action: Check blade server and enclosure SYSLOG.		

Table 26-141 IK8202409 - Server blade health status critical

Alarm	Attributes	Applicable major releases
Name: IK8202409 (6534) Type: processingErrorAlarm (81) Package: lmg Raised on class: lmg.LMGMngElement	Severity: critical Specific problem: Server blade health status critical (1474) Implicitly cleared: false Default probable cause: applicationSubsystemFailure (689)	<ul style="list-style-type: none"> LR14.3.MG
Description: Server blade health status Critical. The server blade health status has changed to Critical.\nAlarm to be cleared by the operator at the management system.\nReason: cpqRackServerBladeStatusCritical		
Remedial action: Check blade server and enclosure SYSLOG.		

Table 26-142 IK8202411 - Server blade unexpected shutdown

Alarm	Attributes	Applicable major releases
Name: IK8202411 (6535) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGMngElement	Severity: major Specific problem: Server blade unexpected shutdown (1475) Implicitly cleared: false Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> LR14.3.MG
Description: An unexpected shutdown has occurred for this server blade.\nAlarm to be cleared by the operator at the management system.\nReason: cpqRackServerBladeUnexpectedShutdown		
Remedial action: Check blade server and enclosure SYSLOG.		

Table 26-143 IK8202428 - Generic EAE Major trap

Alarm	Attributes	Applicable major releases
Name: IK8202428 (6536) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGMngElement	Severity: major Specific problem: Generic EAE Major trap (1476) Implicitly cleared: false Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> LR14.3.MG
Description: EAE Major trap\nAlarm to be cleared by the operator at the management system.\nReason: cpqRackMajorEAETrap		
Remedial action: If the problem persists, contact Alcatel-Lucent customer support.		

Table 26-144 IK8202429 - Generic EAE Critical trap

Alarm	Attributes	Applicable major releases
Name: IK8202429 (6537) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGmngElement	Severity: critical Specific problem: Generic EAE Critical trap (1477) Implicitly cleared: false Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> LR14.3.MG
Description: EAE Critical trap\nAlarm to be cleared by the operator at the management system.\nReason: cpqRackCriticalEAETrap		
Remedial action: If the problem persists, contact Alcatel-Lucent customer support.		

Table 26-145 IK8202431 - Generic Power Subsystem EAE Major trap

Alarm	Attributes	Applicable major releases
Name: IK8202431 (6538) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: Generic Power Subsystem EAE Major trap (1478) Implicitly cleared: false Default probable cause: powerProblem (911)	<ul style="list-style-type: none"> LR14.3.MG
Description: FlexFabric Cmdr Power Subsystem Major trap.\nAlarm to be cleared by the operator at the management system.\nReason: cpqRackPowerMajorEAETrap		
Remedial action: For FlexFabric Cmdr, please refer to product documentation for possible corrective actions.		

Table 26-146 IK8202432 - Generic Power Subsystem EAE Critical trap

Alarm	Attributes	Applicable major releases
Name: IK8202432 (6539) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGmngElement	Severity: critical Specific problem: Generic Power Subsystem EAE Critical trap (1479) Implicitly cleared: false Default probable cause: powerProblem (911)	<ul style="list-style-type: none"> LR14.3.MG
Description: FlexFabric Cmdr Power Subsystem Critical trap.\nAlarm to be cleared by the operator at the management system.\nReason: cpqRackPowerCriticalEAETrap		
Remedial action: For FlexFabric Cmdr, please refer to product documentation for possible corrective actions.		

Table 26-147 IK8202436 - Generic WSMAN Major trap

Alarm	Attributes	Applicable major releases
Name: IK8202436 (6540) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: Generic WSMAN Major trap (1480) Implicitly cleared: false Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> LR14.3.MG
Description: WSMAN Major trap\nReason: cpqRackMajorWSMANTrap		
Remedial action: If the problem persists, contact Alcatel-Lucent customer support.		

Table 26-148 IK8202437 - Generic WSMAN Critical trap

Alarm	Attributes	Applicable major releases
Name: IK8202437 (6541) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGmngElement	Severity: critical Specific problem: Generic WSMAN Critical trap (1481) Implicitly cleared: false Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> LR14.3.MG
Description: WSMAN Critical trap\nReason: cpqRackCriticalWSMANTrap		
Remedial action: If the problem persists, contact Alcatel-Lucent customer support.		

Table 26-149 IK8202439 - Standby Recovery Server Interconnect Failure

Alarm	Attributes	Applicable major releases
Name: IK8202439 (6542) Type: communicationsAlarm (4) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: Standby Recovery Server Interconnect Failure (1482) Implicitly cleared: false Default probable cause: communicationsSubsystemFailure (915)	<ul style="list-style-type: none"> LR14.3.MG
Description: Recovery Server serial interconnect failure. The Standby Recovery Agent reports that the local serial interconnect is not connected or has failed. The primary server is being shutdown in anticipation of the startup of the standby server.\nAlarm to be cleared by the operator at the management system.\nReason: cpqRsStandbyCableFailure		
Remedial action: If the problem persists, contact Alcatel-Lucent customer support.		

Table 26-150 IK8202559 - Critical Alarm

Alarm	Attributes	Applicable major releases
Name: IK8202559 (6543) Type: equipmentAlarm (3) Package: Img Raised on class: Img.LMGmngElement	Severity: critical Specific problem: Critical Alarm (1483) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> LR14.3.MG
Description: A critical alarm has occurred.\nAlarm is cleared by the system.\nReason: cpqPMTrapCritical		
Remedial action: Check the Trap Details for more information.		

Table 26-151 IK8202609 - Monitor Condition Failed

Alarm	Attributes	Applicable major releases
Name: IK8202609 (6544) Type: processingErrorAlarm (81) Package: Img Raised on class: Img.LMGmngElement	Severity: major Specific problem: Monitor Condition Failed (1484) Implicitly cleared: false Default probable cause: applicationSubsystemFailure (689)	<ul style="list-style-type: none"> LR14.3.MG
Description: A fault reporting feature has exceeded normal limits in the monitor indicated by the cpqSiMonitorIndex. The monitor's condition has been set to failed due to an operational feature exceeding normal operating limits. The monitor will not be useable and should be replaced.\nAlarm to be cleared by the operator at the management system.\nReason: cpqSiMonitorConditionFailed		
Remedial action: Make a note of the monitor model number and serial number. Replace the monitor. Refer to the appropriate Maintenance and Service Guide for detailed information on a component replacement.		

Table 26-152 IK8202610 - Excessive Correctable Memory Errors

Alarm	Attributes	Applicable major releases
Name: IK8202610 (6545) Type: processingErrorAlarm (81) Package: Img Raised on class: Img.LMGmngElement	Severity: major Specific problem: Excessive Correctable Memory Errors (1485) Implicitly cleared: false Default probable cause: memoryMismatch (680)	<ul style="list-style-type: none"> LR14.3.MG
Description: Correctable memory error count has exceeded the threshold for the memory module indicated by the 'cpqSiMemErrorIndex' variable. The appropriate cpqSiMemModuleECCStatus has been set to degraded.\nAlarm to be cleared by the operator at the management system.\nReason: cpqSiCorrMemErrStatusDegraded		
Remedial action: For Desktops, the System Administrator should run the F10 Diagnostics on this system and select RAM LONG TEST. If it is determined that a module needs replacing, schedule maintenance for the system and replace the failed memory module. Refer to the appropriate Maintenance and Service Guide for detailed information on a component replacement.		

Table 26-153 IK8202615 - Hot Plug Slot Board Failed

Alarm	Attributes	Applicable major releases
Name: IK8202615 (6546) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: Hot Plug Slot Board Failed (1486) Implicitly cleared: false Default probable cause: powerProblem (911)	<ul style="list-style-type: none"> LR14.3.MG
Description: Hot Plug Slot Board Failed Power-Up. A Hot Plug Slot Board has failed to power-up in the specified chassis and slot.\nAlarm to be cleared by the operator at the management system.\nReason: cpqSiHotPlugSlotPowerUpFailed		
Remedial action: Insure the board and all cables are installed correctly and the board type and revision are the same as the replaced board.		

Table 26-154 IK8202616 - Battery Failure

Alarm	Attributes	Applicable major releases
Name: IK8202616 (6547) Type: environmentalAlarm (2) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: Battery Failure (235) Implicitly cleared: false Default probable cause: batteryFailure (649)	<ul style="list-style-type: none"> LR14.3.MG
Description: The battery indicated by cpqSiSysBatteryIndex has failed and must be replaced.\nAlarm to be cleared by the operator at the management system.\nReason: cpqSiSysBatteryFailure		
Remedial action: Contact your System Administrator or Authorized Reseller to order a replacement battery. Recycle your old battery. For proper disposal information, refer to the documentation that came with your computer.		

Table 26-155 IK8202617 - Battery Charging Degradation

Alarm	Attributes	Applicable major releases
Name: IK8202617 (6548) Type: environmentalAlarm (2) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: Battery Charging Degradation (1487) Implicitly cleared: false Default probable cause: lowBatteryThreshold (656)	<ul style="list-style-type: none"> LR14.3.MG
Description: Significant battery degradation has occurred with battery indicated by cpqSiSysBatteryIndex. The battery can no longer be fully recharged.\nAlarm to be cleared by the operator at the management system.\nReason: cpqSiSysBatteryChargingDegraded		
Remedial action: If using multiple batteries, run the Power Conservation Utility to identify the battery location. Contact your System Administrator or Authorized Reseller to order a replacement battery.		

Table 26-156 IK8202620 - Server Power Outage

Alarm	Attributes	Applicable major releases
Name: IK8202620 (6549) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: Server Power Outage (1488) Implicitly cleared: false Default probable cause: powerProblem (911)	<ul style="list-style-type: none"> LR14.3.MG
Description: Server Power Outage. The Remote Insight/ Integrated Lights-Out firmware has detected server power failure.\nAlarm to be cleared by the operator at the management system.\nReason: cpqSm2ServerPowerOutage		
Remedial action: Check the server's power source.		

Table 26-157 IK8202622 - Remote Insight Battery Failed

Alarm	Attributes	Applicable major releases
Name: IK8202622 (6550) Type: environmentalAlarm (2) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: Remote Insight Battery Failed (1489) Implicitly cleared: false Default probable cause: batteryFailure (649)	<ul style="list-style-type: none"> LR14.3.MG
Description: Remote Insight Battery Failed. The Remote Insight battery has failed and needs to be replaced.\nAlarm to be cleared by the operator at the management system.\nReason: cpqSm2BatteryFailed		
Remedial action: replace the failing Remote Insight battery.		

Table 26-158 IK8202628 - Remote Insight external power cable disconnected

Alarm	Attributes	Applicable major releases
Name: IK8202628 (6551) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: Remote Insight external power cable disconnected (1490) Implicitly cleared: false Default probable cause: powerProblem (911)	<ul style="list-style-type: none"> LR14.3.MG
Description: External Power Cable Disconnected. The Remote Insight external power cable has been disconnected.\nAlarm to be cleared by the operator at the management system.\nReason: cpqSm2ExternalPowerCableDisconnected		
Remedial action: check External Power Cable		

Table 26-159 IK8202632 - Server Fatal Error Detected

Alarm	Attributes	Applicable major releases
Name: IK8202632 (6552) Type: processingErrorAlarm (81) Package: lmg Raised on class: lmg.LMGmngElement	Severity: critical Specific problem: Server Fatal Error Detected (1491) Implicitly cleared: false Default probable cause: softwareError (718)	<ul style="list-style-type: none"> LR14.3.MG
Description: Server Fatal Error Detected. The Remote Insight/ Integrated Lights-Out firmware has detected a server fatal error.\nAlarm to be cleared by the operator at the management system.\nReason: cpqSm2ServerFatalError		
Remedial action: If the problem persists, contact Alcatel-Lucent customer support.		

Table 26-160 IK8202633 - The iLO NIC Link is Down

Alarm	Attributes	Applicable major releases
Name: IK8202633 (6553) Type: communicationsAlarm (4) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: The iLO NIC Link is Down (1492) Implicitly cleared: true Default probable cause: communicationsSubsystemFailure (915)	<ul style="list-style-type: none"> LR14.3.MG
Description: The iLO NIC Link is Down. The Remote Insight/ Integrated Lights-Out firmware has detected the loss of network link.\nAlarm is cleared by the system.\nReason: cpqSm2NicLinkDown		
Remedial action: Check the network connections for the iLO.		

Table 26-161 IK8202648 - PC Card Thermal Failure Status

Alarm	Attributes	Applicable major releases
Name: IK8202648 (6554) Type: qualityOfServiceAlarm (82) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: PC Card Thermal Failure Status (1493) Implicitly cleared: false Default probable cause: performanceDegraded (710)	<ul style="list-style-type: none"> LR14.3.MG
Description: This alarm is sent when the PC Card Slot Thermal Sensor threshold has been exceeded for degraded operations thereby causing failed operations. This alarm will be sent when cpqSePCCardStatus transitions from Thermal Degraded (2) to Thermal Failure (3). The manufacturer and product information strings as well as the slot number for the failed PC Card is provided as parameters for this trap.\nAlarm to be cleared by the operator at the management system.\nReason: cpqSePCCardThermalFailure		
Remedial action: If the problem persists, contact Alcatel-Lucent customer support.		

Table 26-162 IK8202657 - Storage System Temperature Failure

Alarm	Attributes	Applicable major releases
Name: IK8202657 (6555) Type: environmentalAlarm (2) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: Storage System Temperature Failure (1494) Implicitly cleared: false Default probable cause: temperatureUnacceptable (721)	<ul style="list-style-type: none"> LR14.3.MG
Description: Storage System temperature failure. The agent has detected that a temperature status has been set to failed. The storage system will be shutdown.\nAlarm to be cleared by the operator at the management system.\nReason: cpqSsTempFailed		
Remedial action: If the problem persists, contact Alcatel-Lucent customer support.		

Table 26-163 IK8204762 - linkDown

Alarm	Attributes	Applicable major releases
Name: IK8204762 (6556) Type: communicationsAlarm (4) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: linkDown (1495) Implicitly cleared: true Default probable cause: communicationsSubsystemFailure (915)	<ul style="list-style-type: none"> LR14.3.MG
Description: A linkDown alarm signifies that the SNMP entity, acting in an agent role, has detected that the ifOperStatus object for one of its communication links is about to enter the down state from some other state (but not from the notPresent state). This other state is indicated by the included value of ifOperStatus.\nAlarm is cleared by the system.\nReason: linkDown		
Remedial action: If the problem persists, contact Alcatel-Lucent customer support.		

Table 26-164 IK8250982 - Cluster Node Failed

Alarm	Attributes	Applicable major releases
Name: IK8250982 (6557) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: Cluster Node Failed (1428) Implicitly cleared: false Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> LR14.3.MG
Description: This alarm will be sent any time the condition of a node in the cluster becomes failed.\nAlarm to be cleared by the operator at the management system.\nReason: cpqClusterNodeFailed		
Remedial action: Make a note of the cluster node name then check the node for the cause of the failure.		

Table 26-165 IK8250984 - Cluster Resource Failed

Alarm	Attributes	Applicable major releases
Name: IK8250984 (6558) Type: processingErrorAlarm (81) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: Cluster Resource Failed (1429) Implicitly cleared: false Default probable cause: underlyingResourceUnavailable (724)	<ul style="list-style-type: none"> LR14.3.MG
Description: This alarm will be sent any time the condition of a cluster resource becomes failed. Alarm to be cleared by the operator at the management system. Reason: cpqClusterResourceFailed		
Remedial action: Make a note of the cluster resource name then check the resource for the cause of the failure.		

Table 26-166 IK8250986 - Cluster Network Failed

Alarm	Attributes	Applicable major releases
Name: IK8250986 (6559) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: Cluster Network Failed (1430) Implicitly cleared: false Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> LR14.3.MG
Description: This alarm will be sent any time the condition of a cluster network becomes failed. Alarm to be cleared by the operator at the management system. Reason: cpqClusterNetworkFailed		
Remedial action: Make a note of the cluster network name then check the network for the cause of the failure.		

Table 26-167 IK8251008 - The primary controller in the subsystem has failed

Alarm	Attributes	Applicable major releases
Name: IK8251008 (6560) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: The primary controller in the subsystem has failed (1431) Implicitly cleared: false Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> LR14.3.MG
Description: The primary controller in the subsystem has failed. Details: The primary Controller has failed. Alarm to be cleared by the operator at the management system. Reason: cpqCrController1FailureTrap		
Remedial action: Replace controller. Possible causes are controller physically removed, actual hardware failure.		

Table 26-168 IK8251010 - The secondary controller in the subsystem has failed

Alarm	Attributes	Applicable major releases
Name: IK8251010 (6561) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: The secondary controller in the subsystem has failed (1432) Implicitly cleared: false Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> LR14.3.MG
Description: The secondary controller in the subsystem has failed. Details: The secondary controller has failed.\nAlarm to be cleared by the operator at the management system.\nReason: cpqCrController2FailureTrap		
Remedial action: Replace controller. Possible causes are controller physically removed, actual hardware failure.		

Table 26-169 IK8251013 - A RAIDset has failed

Alarm	Attributes	Applicable major releases
Name: IK8251013 (6562) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: A RAIDset has failed (1433) Implicitly cleared: false Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> LR14.3.MG
Description: A RAIDset has failed. Details: The RAIDset has failed and is off-line.\nAlarm to be cleared by the operator at the management system.\nReason: cpqCrLogDriveFailureTrap		
Remedial action: Possible cause is too many failed disk drives that make up the RAIDset, the OS can no longer communicate with the RAIDset for other reasons.		

Table 26-170 IK8251018 - A disk drive has failed

Alarm	Attributes	Applicable major releases
Name: IK8251018 (6563) Type: processingErrorAlarm (81) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: A disk drive has failed (1434) Implicitly cleared: true Default probable cause: storageCapacityProblem (679)	<ul style="list-style-type: none"> LR14.3.MG
Description: A disk drive has failed. Details: A disk device has failed.\nAlarm is cleared by the system.\nReason: cpqCrDiskFailureTrap		
Remedial action: Replace the disk device.		

Table 26-171 IK8251023 - A disk drive has failed

Alarm	Attributes	Applicable major releases
Name: IK8251023 (6564) Type: processingErrorAlarm (81) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: A disk drive has failed (1434) Implicitly cleared: false Default probable cause: storageCapacityProblem (679)	<ul style="list-style-type: none"> LR14.3.MG
Description: A disk drive has failed. Details: A disk device has failed.\nAlarm to be cleared by the operator at the management system.\nReason: cpqCrPhyDiskFailureTrap		
Remedial action: Replace the disk device.		

Table 26-172 IK8251030 - Power supply has failed

Alarm	Attributes	Applicable major releases
Name: IK8251030 (6565) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: Power supply has failed (1435) Implicitly cleared: true Default probable cause: powerProblem (911)	<ul style="list-style-type: none"> LR14.3.MG
Description: Power supply has failed. Details: One of the power supplies in the primary enclosure has failed.\nAlarm is cleared by the system.\nReason: cpqCrEMUPowerSupplyFailureTrap		
Remedial action: Replace the power supply. Possible causes are power supply physically removed, power cord unplugged, actual hardware failure.		

Table 26-173 IK8251033 - Primary enclosure temperature critical!

Alarm	Attributes	Applicable major releases
Name: IK8251033 (6566) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGmngElement	Severity: critical Specific problem: Primary enclosure temperature critical! (1436) Implicitly cleared: false Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> LR14.3.MG
Description: Primary enclosure temperature critical!. Details: The temperature in the primary enclosure has triggered a critical condition detected by the controller.\nAlarm to be cleared by the operator at the management system.\nReason: cpqCrEMUTemperatureCriticalTrap		
Remedial action: Check the cooling fans in the primary enclosure.		

Table 26-174 IK8251037 - Power supply has failed

Alarm	Attributes	Applicable major releases
Name: IK8251037 (6567) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: Power supply has failed (1435) Implicitly cleared: true Default probable cause: powerProblem (911)	<ul style="list-style-type: none"> LR14.3.MG
Description: Power supply has failed. Details: One of the power supplies in the expansion cabinet has failed.\nAlarm is cleared by the system.\nReason: cpqCrExpCabPowerSupplyFailureTrap		
Remedial action: Replace the power supply. Possible causes are power supply physically removed, power cord unplugged, actual hardware failure.		

Table 26-175 IK8251040 - cpqCrExpCabTemperatureCriticalTrap

Alarm	Attributes	Applicable major releases
Name: IK8251040 (6568) Type: environmentalAlarm (2) Package: lmg Raised on class: lmg.LMGmngElement	Severity: critical Specific problem: cpqCrExpCabTemperatureCriticalTrap (1437) Implicitly cleared: false Default probable cause: temperatureUnacceptable (721)	<ul style="list-style-type: none"> LR14.3.MG
Description: Expansion cabinet temperature critical! Details: The temperature in the expansion cabinet has triggered a critical condition detected by the controller.\nAlarm to be cleared by the operator at the management system.\nReason: cpqCrExpCabTemperatureCriticalTrap		
Remedial action: Check the cooling fans in the expansion cabinet.		

Table 26-176 IK8251060 - External Array Accelerator Board Battery Failed

Alarm	Attributes	Applicable major releases
Name: IK8251060 (6569) Type: environmentalAlarm (2) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: External Array Accelerator Board Battery Failed (1438) Implicitly cleared: false Default probable cause: batteryFailure (649)	<ul style="list-style-type: none"> LR14.3.MG
Description: External Array Accelerator Board Battery Failed. This alarm signifies that the agent has detected a battery failure associated with the Array Accelerator Cache Board.\nAlarm to be cleared by the operator at the management system.\nReason: cpqFcaAccelBatteryFailed		
Remedial action: Replace the Accelerator Cache Board.		

Table 26-177 IK8251073 - External Array Accelerator Board Battery Failed

Alarm	Attributes	Applicable major releases
Name: IK8251073 (6570) Type: environmentalAlarm (2) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: External Array Accelerator Board Battery Failed (1438) Implicitly cleared: false Default probable cause: batteryFailure (649)	<ul style="list-style-type: none"> LR14.3.MG
Description: External Array Accelerator Board Battery Failed. This alarm signifies that the agent has detected a battery failure associated with the Array Accelerator Cache Board.\nAlarm to be cleared by the operator at the management system.\nReason: cpqFca2AccelBatteryFailed		
Remedial action: Replace the Accelerator Cache Board.		

Table 26-178 IK8251098 - POST Errors Occurred

Alarm	Attributes	Applicable major releases
Name: IK8251098 (6571) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: POST Errors Occurred (1439) Implicitly cleared: false Default probable cause: powerProblem (911)	<ul style="list-style-type: none"> LR14.3.MG
Description: One or more POST errors occurred. Power On Self-Test (POST) errors occur during the server restart process.\nAlarm to be cleared by the operator at the management system.\nReason: cpqHePostError		
Remedial action: Refer to the Integrated Management Log for details on the POST error.		

Table 26-179 IK8251102 - Thermal Failure

Alarm	Attributes	Applicable major releases
Name: IK8251102 (6572) Type: environmentalAlarm (2) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: Thermal Failure (1440) Implicitly cleared: false Default probable cause: temperatureUnacceptable (721)	<ul style="list-style-type: none"> LR14.3.MG
Description: The temperature status has been set to failed. The system will be shutdown due to this thermal condition.\nAlarm to be cleared by the operator at the management system.\nReason: cpqHe3ThermalTempFailed		
Remedial action: Check the system for hardware failures and verify the environment is properly cooled.		

Table 26-180 IK8251105 - System Fan Failure

Alarm	Attributes	Applicable major releases
Name: IK8251105 (6573) Type: environmentalAlarm (2) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: System Fan Failure (1441) Implicitly cleared: true Default probable cause: coolingFanFailure (651)	<ul style="list-style-type: none"> LR14.3.MG
Description: The system fan status has been set to failed. A required system fan is not operating normally. The system will be shutdown if the cpqHeThermalDegradedAction variable is set to shutdown(3).\nAlarm is cleared by the system.\nReason: cpqHe3ThermalSystemFanFailed		
Remedial action: Replace the failed fan.		

Table 26-181 IK8251112 - POST Errors Occurred

Alarm	Attributes	Applicable major releases
Name: IK8251112 (6574) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: POST Errors Occurred (1439) Implicitly cleared: false Default probable cause: powerProblem (911)	<ul style="list-style-type: none"> LR14.3.MG
Description: One or more POST errors occurred. Power On Self-Test (POST) errors occur during the server restart process. Details of the POST error messages can be found in Integrated Management Log\nAlarm to be cleared by the operator at the management system.\nReason: cpqHe3PostError		
Remedial action: Refer to the Integrated Management Log for details on the POST error.		

Table 26-182 IK8251116 - Power Supply Failed

Alarm	Attributes	Applicable major releases
Name: IK8251116 (6575) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: Power Supply Failed (1442) Implicitly cleared: true Default probable cause: powerProblem (911)	<ul style="list-style-type: none"> LR14.3.MG
Description: The fault tolerant power supply condition has been set to failed for the specified chassis and bay location.\nAlarm is cleared by the system.\nReason: cpqHe3FitToIPowerSupplyFailed		
Remedial action: If the problem persists, contact Alcatel-Lucent customer support.		

Table 26-183 IK8251121 - Fan Failed

Alarm	Attributes	Applicable major releases
Name: IK8251121 (6576) Type: environmentalAlarm (2) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: Fan Failed (1443) Implicitly cleared: true Default probable cause: coolingFanFailure (651)	<ul style="list-style-type: none"> LR14.3.MG
Description: The Fault Tolerant Fan condition has been set to failed for the specified chassis and fan.\nAlarm is cleared by the system.\nReason: cpqHe3FitToIFanFailed		
Remedial action: Replace the failed fan.		

Table 26-184 IK8251125 - Thermal Failure

Alarm	Attributes	Applicable major releases
Name: IK8251125 (6577) Type: environmentalAlarm (2) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: Thermal Failure (1440) Implicitly cleared: false Default probable cause: temperatureUnacceptable (721)	<ul style="list-style-type: none"> LR14.3.MG
Description: The temperature status has been set to failed in the specified chassis and location. The system will be shutdown due to this condition.\nAlarm to be cleared by the operator at the management system.\nReason: cpqHe3TemperatureFailed		
Remedial action: Check the system for hardware failures and verify the environment is properly cooled.		

Table 26-185 IK8251129 - Power Converter Failed

Alarm	Attributes	Applicable major releases
Name: IK8251129 (6578) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: Power Converter Failed (1444) Implicitly cleared: false Default probable cause: powerProblem (911)	<ul style="list-style-type: none"> LR14.3.MG
Description: The DC-DC Power Converter condition has been set to failed for the specified chassis, slot and socket.\nAlarm to be cleared by the operator at the management system.\nReason: cpqHe3PowerConverterFailed		
Remedial action: Replace the failed power converter.		

Table 26-186 IK8251135 - Power Supply Failed

Alarm	Attributes	Applicable major releases
Name: IK8251135 (6579) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: Power Supply Failed (1442) Implicitly cleared: true Default probable cause: powerProblem (911)	<ul style="list-style-type: none"> LR14.3.MG
Description: The fault tolerant power supply condition has been set to failed for the specified chassis and bay location.\nAlarm is cleared by the system.\nReason: cpqHe4FitToIPowerSupplyFailed		
Remedial action: Replace the failed power supply.		

Table 26-187 IK8251144 - Memory Board or Cartridge Bus Error Detected

Alarm	Attributes	Applicable major releases
Name: IK8251144 (6580) Type: processingErrorAlarm (81) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: Memory Board or Cartridge Bus Error Detected (1445) Implicitly cleared: false Default probable cause: memoryMismatch (680)	<ul style="list-style-type: none"> LR14.3.MG
Description: Memory board or cartridge bus error detected. An Advanced Memory Protection sub-system board or cartridge bus error has been detected.\nAlarm to be cleared by the operator at the management system.\nReason: cpqHeResMemBoardBusError		
Remedial action: Replace the indicated board or cartridge.		

Table 26-188 IK8251148 - Management processor failed reset

Alarm	Attributes	Applicable major releases
Name: IK8251148 (6581) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: Management processor failed reset (1446) Implicitly cleared: false Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> LR14.3.MG
Description: The Management processor failed reset The management processor was not successfully reset and is not operational.\nAlarm to be cleared by the operator at the management system.\nReason: cpqHeManagementProcFailedReset		
Remedial action: Reset the management procesessor again or re-flash the management processor firmware.		

Table 26-189 IK8251152 - Memory Board or Cartridge or Riser Bus Error Detected

Alarm	Attributes	Applicable major releases
Name: IK8251152 (6582) Type: processingErrorAlarm (81) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: Memory Board or Cartridge or Riser Bus Error Detected (1447) Implicitly cleared: false Default probable cause: memoryMismatch (680)	<ul style="list-style-type: none"> LR14.3.MG
Description: Memory board or cartridge or Riser bus error detected. An Advanced Memory Protection sub-system board or cartridge or Riser bus error has been detected. Value 0 for CPU means memory is not processor based. Alarm to be cleared by the operator at the management system. Reason: cpqHe5ResMemBoardBusError		
Remedial action: Replace the indicated board or cartridge or Riser.		

Table 26-190 IK8251154 - Power Supply AC Power Loss

Alarm	Attributes	Applicable major releases
Name: IK8251154 (6583) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: Power Supply AC Power Loss (1448) Implicitly cleared: false Default probable cause: powerProblem (911)	<ul style="list-style-type: none"> LR14.3.MG
Description: The fault tolerant power supply AC power loss for the specified chassis and bay location. Alarm to be cleared by the operator at the management system. Reason: cpqHe4FitToIPowerSupplyACpowerloss		
Remedial action: Check the power source for the specified power supply.		

Table 26-191 IK8251156 - Application Error Trap

Alarm	Attributes	Applicable major releases
Name: IK8251156 (6584) Type: processingErrorAlarm (81) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: Application Error Trap (1449) Implicitly cleared: false Default probable cause: applicationSubsystemFailure (689)	<ul style="list-style-type: none"> LR14.3.MG
Description: An application has generated an exception. Specific error information is contained in the variable cpqHoSwPerfAppErrorDesc. Alarm to be cleared by the operator at the management system. Reason: cpqHoAppErrorTrap		
Remedial action: If the problem persists, contact Alcatel-Lucent customer support.		

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Table 26-192 IK8251158 - Application Error Trap

Alarm	Attributes	Applicable major releases
Name: IK8251158 (6585) Type: processingErrorAlarm (81) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: Application Error Trap (1449) Implicitly cleared: false Default probable cause: applicationSubsystemFailure (689)	<ul style="list-style-type: none"> LR14.3.MG
Description: An application has generated an exception. Specific error information is contained in the variable cpqHoSwPerfAppErrorDesc.\nAlarm to be cleared by the operator at the management system.\nReason: cpqHo2AppErrorTrap		
Remedial action: If the problem persists, contact Alcatel-Lucent customer support.		

Table 26-193 IK8251163 - Status Trap

Alarm	Attributes	Applicable major releases
Name: IK8251163 (6586) Type: communicationsAlarm (4) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: Status Trap (1450) Implicitly cleared: true Default probable cause: communicationsSubsystemFailure (915)	<ul style="list-style-type: none"> LR14.3.MG
Description: This alarm will be sent any time the status of a NIC changes to the Failed condition.\nAlarm is cleared by the system.\nReason: cpqHo2NicStatusFailed2		
Remedial action: Check the network cables. Replace the failed NIC.		

Table 26-194 IK8251172 - Power Threshold Exceeded

Alarm	Attributes	Applicable major releases
Name: IK8251172 (6587) Type: qualityOfServiceAlarm (82) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: Power Threshold Exceeded (1451) Implicitly cleared: false Default probable cause: resourceAtOrNearingCapacity (715)	<ul style="list-style-type: none"> LR14.3.MG
Description: This alarm notifies user of a power threshold breach. Power threshold exceeded.\nAlarm to be cleared by the operator at the management system.\nReason: cpqHo2PowerThresholdTrap		
Remedial action: If the problem persists, contact Alcatel-Lucent customer support.		

Table 26-195 IK8252265 - Accelerator Board Battery Failed

Alarm	Attributes	Applicable major releases
Name: IK8252265 (6588) Type: environmentalAlarm (2) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: Accelerator Board Battery Failed (1452) Implicitly cleared: false Default probable cause: batteryFailure (649)	<ul style="list-style-type: none"> LR14.3.MG
Description: Accelerator Board Battery Failed. This alarm signifies that the agent has detected a battery failure associated with the array accelerator cache board. The current battery status is indicated by the cpqDaAccelBattery variable. \nAlarm to be cleared by the operator at the management system. \nReason: cpqDaAccelBatteryFailed		
Remedial action: check the Accelerator Board Battery		

Table 26-196 IK8252272 - Accelerator Board Battery Failed

Alarm	Attributes	Applicable major releases
Name: IK8252272 (6589) Type: environmentalAlarm (2) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: Accelerator Board Battery Failed (1452) Implicitly cleared: false Default probable cause: batteryFailure (649)	<ul style="list-style-type: none"> LR14.3.MG
Description: Accelerator Board Battery Failed. This alarm signifies that the agent has detected a battery failure associated with the array accelerator cache board. The current battery status is indicated by the cpqDaAccelBattery variable. \nAlarm to be cleared by the operator at the management system. \nReason: cpqDa2AccelBatteryFailed		
Remedial action: check the Accelerator Board Battery		

Table 26-197 IK8252279 - Accelerator Board Battery Failed

Alarm	Attributes	Applicable major releases
Name: IK8252279 (6590) Type: environmentalAlarm (2) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: Accelerator Board Battery Failed (1452) Implicitly cleared: false Default probable cause: batteryFailure (649)	<ul style="list-style-type: none"> LR14.3.MG
Description: Accelerator Board Battery Failed. This alarm signifies that the agent has detected a battery failure associated with the array accelerator cache board. The current battery status is indicated by the cpqDaAccelBattery variable. \nAlarm to be cleared by the operator at the management system. \nReason: cpqDa3AccelBatteryFailed		
Remedial action: check the Accelerator Board Battery		

Table 26-198 IK8252291 - Accelerator Board Bad Data

Alarm	Attributes	Applicable major releases
Name: IK8252291 (6591) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: Accelerator Board Bad Data (1453) Implicitly cleared: false Default probable cause: powerProblem (911)	<ul style="list-style-type: none"> LR14.3.MG
Description: Accelerator Board Bad Data. This alarm signifies that the agent has detected an array accelerator cache board that has lost battery power. If data was being stored in the accelerator cache memory when the server lost power, that data has been lost.\nAlarm to be cleared by the operator at the management system.\nReason: cpqDa5AccelBadDataTrap		
Remedial action: Verify that no data has been lost.		

Table 26-199 IK8252292 - Accelerator Board Battery Failed

Alarm	Attributes	Applicable major releases
Name: IK8252292 (6592) Type: environmentalAlarm (2) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: Accelerator Board Battery Failed (1452) Implicitly cleared: false Default probable cause: batteryFailure (649)	<ul style="list-style-type: none"> LR14.3.MG
Description: Accelerator Board Battery Failed. This alarm signifies that the agent has detected a battery failure associated with the array accelerator cache board.\nAlarm to be cleared by the operator at the management system.\nReason: cpqDa5AccelBatteryFailed		
Remedial action: Replace the Accelerator Cache Board.		

Table 26-200 IK8252295 - Physical Drive Threshold Passed

Alarm	Attributes	Applicable major releases
Name: IK8252295 (6593) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: Physical Drive Threshold Passed (1454) Implicitly cleared: false Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> LR14.3.MG
Description: Physical Drive Threshold Passed. This alarm signifies that the agent has detected a factory threshold associated with one of the physical drive objects on a drive array has been exceeded.\nAlarm to be cleared by the operator at the management system.\nReason: cpqDa5PhyDrvThreshPassedTrap		
Remedial action: Replace the physical drive.		

Table 26-201 IK8252302 - Physical Drive Threshold Passed

Alarm	Attributes	Applicable major releases
Name: IK8252302 (6594) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: Physical Drive Threshold Passed (1454) Implicitly cleared: false Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> LR14.3.MG
Description: Physical Drive Threshold Passed. This alarm signifies that the agent has detected a factory threshold associated with one of the physical drive objects on a drive array has been exceeded.\nAlarm to be cleared by the operator at the management system.\nReason: cpqDa6PhyDrvThreshPassedTrap		
Remedial action: Replace the physical drive.		

Table 26-202 IK8252337 - NIC Status Trap

Alarm	Attributes	Applicable major releases
Name: IK8252337 (6595) Type: communicationsAlarm (4) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: NIC Status Trap (1455) Implicitly cleared: true Default probable cause: communicationsSubsystemFailure (915)	<ul style="list-style-type: none"> LR14.3.MG
Description: This alarm will be sent any time the status of a logical adapter changes to the Failed condition. This occurs when the adapter in a single adapter configuration fails, or when the last adapter in a redundant configuration fails. This can be caused by loss of link due to a cable being removed from the adapter or the Hub or Switch. Internal adapter, Hub, or Switch failures can also cause this condition.\nAlarm is cleared by the system.\nReason: cpqNicConnectivityLost		
Remedial action: Check the cables to the adapter and the Hub or Switch. If no cable problems are found, the adapter, Hub, or Switch may need replacement.		

Table 26-203 IK8252341 - NIC Connectivity Lost Trap

Alarm	Attributes	Applicable major releases
Name: IK8252341 (6596) Type: communicationsAlarm (4) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: NIC Connectivity Lost Trap (1456) Implicitly cleared: true Default probable cause: communicationsSubsystemFailure (915)	<ul style="list-style-type: none"> LR14.3.MG
Description: This alarm will be sent any time the status of a logical adapter changes to the Failed condition. This occurs when the adapter in a single adapter configuration fails, or when the last adapter in a redundant configuration fails. This can be caused by loss of link due to a cable being removed from the adapter or the Hub or Switch. Internal adapter, Hub, or Switch failures can also cause this condition.\nAlarm is cleared by the system.\nReason: cpqNic2ConnectivityLost		
Remedial action: Check the cables to the adapter and the Hub or Switch. If no cable problems are found, the adapter, Hub, or Switch may need replacement.		

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Table 26-204 IK8252343 - NIC Redundancy Reduced Trap

Alarm	Attributes	Applicable major releases
Name: IK8252343 (6597) Type: communicationsAlarm (4) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: NIC Redundancy Reduced Trap (1457) Implicitly cleared: true Default probable cause: communicationsSubsystemFailure (915)	<ul style="list-style-type: none"> LR14.3.MG
Description: This alarm will be sent any time a physical adapter in a logical adapter group changes to the Failed condition, but at least one physical adapter remains in the OK condition.. This can be caused by loss of link due to a cable being removed from the adapter or the Hub or Switch. Internal adapter, Hub, or Switch failures can also cause this condition.\nAlarm is cleared by the system.\nReason: cpqNic2RedundancyReduced		
Remedial action: Check the cables to the adapter and the Hub or Switch. If no cable problems are found, the adapter, Hub, or Switch may need replacement.		

Table 26-205 IK8252347 - NIC Connectivity Lost Trap

Alarm	Attributes	Applicable major releases
Name: IK8252347 (6598) Type: communicationsAlarm (4) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: NIC Connectivity Lost Trap (1456) Implicitly cleared: false Default probable cause: communicationsSubsystemFailure (915)	<ul style="list-style-type: none"> LR14.3.MG
Description: This alarm will be sent any time the status of a logical adapter changes to the Failed condition. This occurs when the adapter in a single adapter configuration fails, or when the last adapter in a redundant configuration fails. This can be caused by loss of link due to a cable being removed from the adapter or the Hub or Switch. Internal adapter, Hub, or Switch failures can also cause this condition.\nAlarm to be cleared by the operator at the management system.\nReason: cpqNic3ConnectivityLost		
Remedial action: Check the cables to the adapter and the Hub or Switch. If no cable problems are found, the adapter, Hub, or Switch may need replacement.		

Table 26-206 IK8252349 - NIC Redundancy Reduced Trap

Alarm	Attributes	Applicable major releases
Name: IK8252349 (6599) Type: communicationsAlarm (4) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: NIC Redundancy Reduced Trap (1457) Implicitly cleared: true Default probable cause: communicationsSubsystemFailure (915)	<ul style="list-style-type: none"> LR14.3.MG
Description: This alarm will be sent any time a physical adapter in a logical adapter group changes to the Failed condition, but at least one physical adapter remains in the OK condition.. This can be caused by loss of link due to a cable being removed from the adapter or the Hub or Switch. Internal adapter, Hub, or Switch failures can also cause this condition.\nAlarm is cleared by the system.\nReason: cpqNic3RedundancyReduced		

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Alarm	Attributes	Applicable major releases
Remedial action: Check the cables to the adapter and the Hub or Switch. If no cable problems are found, the adapter, Hub, or Switch may need replacement.		

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Table 26-207 IK8252360 - Enclosure temperature failed

Alarm	Attributes	Applicable major releases
Name: IK8252360 (6600) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: Enclosure temperature failed (1458) Implicitly cleared: false Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> LR14.3.MG
Description: The enclosure temperature status has been set to failed. This alarm signifies that a enclosure temperature sensor has been tripped indicating an overheat condition.\nAlarm to be cleared by the operator at the management system.\nReason: cpqRackEnclosureTempFailed		
Remedial action: Shutdown the enclosure and possibly the rack as soon as possible. Ensure all fans are working properly and that air flow in the rack has not been blocked.		

Table 26-208 IK8252363 - Enclosure fan failed

Alarm	Attributes	Applicable major releases
Name: IK8252363 (6601) Type: environmentalAlarm (2) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: Enclosure fan failed (1459) Implicitly cleared: true Default probable cause: coolingFanFailure (651)	<ul style="list-style-type: none"> LR14.3.MG
Description: The enclosure fan status has been set to failed. This alarm signifies that an enclosure fan has failed and no other fans in the redundant fan group are operating. This may result in overheating of the enclosure.\nAlarm is cleared by the system.\nReason: cpqRackEnclosureFanFailed		
Remedial action: Replace the fan as soon as possible.		

Table 26-209 IK8252368 - Rack power supply failed

Alarm	Attributes	Applicable major releases
Name: IK8252368 (6602) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGmngElement	Severity: critical Specific problem: Rack power supply failed (1460) Implicitly cleared: true Default probable cause: powerProblem (911)	<ul style="list-style-type: none"> LR14.3.MG

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Alarm	Attributes	Applicable major releases
Description: The power supply status has been set to failed. This alarm signifies that a power supply has failed.\nAlarm is cleared by the system.\nReason: cpqRackPowerSupplyFailed		
Remedial action: Replace the power supply as soon as possible.		

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Table 26-210 IK8252369 - Rack power supply degraded

Alarm	Attributes	Applicable major releases
Name: IK8252369 (6603) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: Rack power supply degraded (1461) Implicitly cleared: false Default probable cause: powerProblem (911)	<ul style="list-style-type: none"> LR14.3.MG
Description: The power supply status has been set to degraded. This alarm signifies that a power supply has degraded.\nAlarm to be cleared by the operator at the management system.\nReason: cpqRackPowerSupplyDegraded		
Remedial action: Replace the power supply as soon as possible.		

Table 26-211 IK8252374 - Rack power supply input voltage problem

Alarm	Attributes	Applicable major releases
Name: IK8252374 (6604) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: Rack power supply input voltage problem (1462) Implicitly cleared: false Default probable cause: powerProblem (911)	<ul style="list-style-type: none"> LR14.3.MG
Description: The rack power supply detected an input line voltage problem.\nAlarm to be cleared by the operator at the management system.\nReason: cpqRackPowerSubsystemLineVoltageProblem		
Remedial action: Check the power input for the power supply or replace any failed power supplies as soon as possible.		

Table 26-212 IK8252375 - Rack power subsystem overload condition

Alarm	Attributes	Applicable major releases
Name: IK8252375 (6605) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: Rack power subsystem overload condition (1463) Implicitly cleared: false Default probable cause: powerProblem (911)	<ul style="list-style-type: none"> LR14.3.MG
Description: The rack power subsystem overload condition.\nAlarm to be cleared by the operator at the management system.\nReason: cpqRackPowerSubsystemOverloadCondition		

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Alarm	Attributes	Applicable major releases
Remedial action: Replace any failed power supplies as soon as possible to return the system to a redundant state.		

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Table 26-213 IK8252376 - Server shutdown due to power shedding

Alarm	Attributes	Applicable major releases
Name: IK8252376 (6606) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGmngElement	Severity: critical Specific problem: Server shutdown due to power shedding (1464) Implicitly cleared: false Default probable cause: powerProblem (911)	<ul style="list-style-type: none"> LR14.3.MG
Description: Server shutdown due to power shedding. The server blade was shutdown due to a lack of power. \nAlarm to be cleared by the operator at the management system. \nReason: cpqRackPowerShedAutoShutdown		
Remedial action: Check power connections or add power supplies.		

Table 26-214 IK8252377 - Server power on prevented to preserve redundancy

Alarm	Attributes	Applicable major releases
Name: IK8252377 (6607) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGmngElement	Severity: critical Specific problem: Server power on prevented to preserve redundancy (1465) Implicitly cleared: false Default probable cause: powerProblem (911)	<ul style="list-style-type: none"> LR14.3.MG
Description: Server power on prevented to preserve redundancy. There is not enough power to power on the server blade and maintain redundancy for the other blades in the enclosure. \nAlarm to be cleared by the operator at the management system. \nReason: cpqRackServerPowerOnFailedNotRedundant		
Remedial action: Check power connections or add power supplies.		

Table 26-215 IK8252378 - Inadequate power to power on

Alarm	Attributes	Applicable major releases
Name: IK8252378 (6608) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGmngElement	Severity: critical Specific problem: Inadequate power to power on (1466) Implicitly cleared: false Default probable cause: powerProblem (911)	<ul style="list-style-type: none"> LR14.3.MG
Description: Inadequate power to power on. There is not enough power to power on the server blade. \nAlarm to be cleared by the operator at the management system. \nReason: cpqRackServerPowerOnFailedNotEnoughPower		
Remedial action: Check power connections or add power supplies.		

Table 26-216 IK8252379 - Inadequate power to power on

Alarm	Attributes	Applicable major releases
Name: IK8252379 (6609) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGmngElement	Severity: critical Specific problem: Inadequate power to power on (1466) Implicitly cleared: false Default probable cause: powerProblem (911)	<ul style="list-style-type: none"> LR14.3.MG
Description: Inadequate power to power on. There is not enough power to power on the server blade. The server enclosure micro-controller was not found.\nAlarm to be cleared by the operator at the management system.\nReason: cpqRackServerPowerOnFailedEnclosureNotFound		
Remedial action: Check server enclosure connections or add power supplies.		

Table 26-217 IK8252380 - Inadequate power to power on

Alarm	Attributes	Applicable major releases
Name: IK8252380 (6610) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGmngElement	Severity: critical Specific problem: Inadequate power to power on (1466) Implicitly cleared: false Default probable cause: powerProblem (911)	<ul style="list-style-type: none"> LR14.3.MG
Description: Inadequate power to power on. There is not enough power to power on the server blade. The power enclosure micro-controller was not found.\nAlarm to be cleared by the operator at the management system.\nReason: cpqRackServerPowerOnFailedPowerChassisNotFound		
Remedial action: Check power enclosure connections or add power supplies.		

Table 26-218 IK8252382 - Fuse open

Alarm	Attributes	Applicable major releases
Name: IK8252382 (6611) Type: environmentalAlarm (2) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: Fuse open (1467) Implicitly cleared: false Default probable cause: enclosureDoorOpen (900)	<ul style="list-style-type: none"> LR14.3.MG
Description: Fuse open. The fuse has been tripped.\nAlarm to be cleared by the operator at the management system.\nReason: cpqRackFuseOpen		
Remedial action: Check enclosure and / or blade power connections and reset the fuse.		

Table 26-219 IK8252386 - Power subsystem DC power problem

Alarm	Attributes	Applicable major releases
Name: IK8252386 (6612) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGMngElement	Severity: major Specific problem: Power subsystem DC power problem (1468) Implicitly cleared: false Default probable cause: powerProblem (911)	<ul style="list-style-type: none"> LR14.3.MG
Description: Power subsystem DC power problem. There is a power subsystem DC power problem for this power enclosure.\nAlarm to be cleared by the operator at the management system.\nReason: cpqRackPowerChassisDcPowerProblem		
Remedial action: Check the power enclosure and power supplies. Replace any failed or degraded power supplies.		

Table 26-220 IK8252387 - Power subsystem AC facility input power exceeded

Alarm	Attributes	Applicable major releases
Name: IK8252387 (6613) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGMngElement	Severity: major Specific problem: Power subsystem AC facility input power exceeded (1469) Implicitly cleared: false Default probable cause: powerProblem (911)	<ul style="list-style-type: none"> LR14.3.MG
Description: Power subsystem AC facility input power exceeded. There is a power subsystem Power subsystem AC facility input power exceeded for this power enclosure.\nAlarm to be cleared by the operator at the management system.\nReason: cpqRackPowerChassisAcFacilityPowerExceeded		
Remedial action: Check the power enclosure and power supplies. Replace any failed or degraded power supplies.		

Table 26-221 IK8252388 - Unknown power consumption

Alarm	Attributes	Applicable major releases
Name: IK8252388 (6614) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGMngElement	Severity: major Specific problem: Unknown power consumption (1470) Implicitly cleared: false Default probable cause: powerProblem (911)	<ul style="list-style-type: none"> LR14.3.MG
Description: Unknown power consumption. There is an unknown power consumer drawing power.\nAlarm to be cleared by the operator at the management system.\nReason: cpqRackPowerUnknownPowerConsumption		
Remedial action: Check the power enclosure and power supplies. Replace any failed or degraded power supplies.		

Table 26-222 IK8252391 - Power subsystem improperly configured

Alarm	Attributes	Applicable major releases
Name: IK8252391 (6615) Type: processingErrorAlarm (81) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: Power subsystem improperly configured (1471) Implicitly cleared: false Default probable cause: configurationOrCustomizationError (902)	<ul style="list-style-type: none"> LR14.3.MG
Description: Power subsystem improperly configured. The power subsystem has been improperly configured. Alarm to be cleared by the operator at the management system. Reason: cpqRackPowerChassisConfigError		
Remedial action: Check the cabling of the power enclosure.		

Table 26-223 IK8252401 - Interconnect failed

Alarm	Attributes	Applicable major releases
Name: IK8252401 (6616) Type: communicationsAlarm (4) Package: lmg Raised on class: lmg.LMGmngElement	Severity: critical Specific problem: Interconnect failed (1472) Implicitly cleared: false Default probable cause: communicationsSubsystemFailure (915)	<ul style="list-style-type: none"> LR14.3.MG
Description: The interconnect status has been set to failed. This alarm signifies that an interconnect has failed. Alarm to be cleared by the operator at the management system. Reason: cpqRackNetConnectorFailed		
Remedial action: Replace the interconnect as soon as possible.		

Table 26-224 IK8252408 - Server blade health status degraded

Alarm	Attributes	Applicable major releases
Name: IK8252408 (6617) Type: qualityOfServiceAlarm (82) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: Server blade health status degraded (1473) Implicitly cleared: false Default probable cause: performanceDegraded (710)	<ul style="list-style-type: none"> LR14.3.MG
Description: Server blade health status Degraded. The server blade health status has changed to Degraded. Alarm to be cleared by the operator at the management system. Reason: cpqRackServerBladeStatusDegraded		
Remedial action: Check blade server and enclosure SYSLOG.		

Table 26-225 IK8252409 - Server blade health status critical

Alarm	Attributes	Applicable major releases
Name: IK8252409 (6618) Type: processingErrorAlarm (81) Package: lmg Raised on class: lmg.LMGMngElement	Severity: critical Specific problem: Server blade health status critical (1474) Implicitly cleared: false Default probable cause: applicationSubsystemFailure (689)	<ul style="list-style-type: none"> LR14.3.MG
Description: Server blade health status Critical. The server blade health status has changed to Critical.\nAlarm to be cleared by the operator at the management system.\nReason: cpqRackServerBladeStatusCritical		
Remedial action: Check blade server and enclosure SYSLOG.		

Table 26-226 IK8252411 - Server blade unexpected shutdown

Alarm	Attributes	Applicable major releases
Name: IK8252411 (6619) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGMngElement	Severity: major Specific problem: Server blade unexpected shutdown (1475) Implicitly cleared: false Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> LR14.3.MG
Description: An unexpected shutdown has occurred for this server blade.\nAlarm to be cleared by the operator at the management system.\nReason: cpqRackServerBladeUnexpectedShutdown		
Remedial action: Check blade server and enclosure SYSLOG.		

Table 26-227 IK8252428 - Generic EAE Major trap

Alarm	Attributes	Applicable major releases
Name: IK8252428 (6620) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGMngElement	Severity: major Specific problem: Generic EAE Major trap (1476) Implicitly cleared: false Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> LR14.3.MG
Description: EAE Major trap\nAlarm to be cleared by the operator at the management system.\nReason: cpqRackMajorEAETrap		
Remedial action: If the problem persists, contact Alcatel-Lucent customer support.		

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Table 26-228 IK8252429 - Generic EAE Critical trap

Alarm	Attributes	Applicable major releases
Name: IK8252429 (6621) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGmngElement	Severity: critical Specific problem: Generic EAE Critical trap (1477) Implicitly cleared: false Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> LR14.3.MG
Description: EAE Critical trap\nAlarm to be cleared by the operator at the management system.\nReason: cpqRackCriticalEAETrap		
Remedial action: If the problem persists, contact Alcatel-Lucent customer support.		

Table 26-229 IK8252431 - Generic Power Subsystem EAE Major trap

Alarm	Attributes	Applicable major releases
Name: IK8252431 (6622) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: Generic Power Subsystem EAE Major trap (1478) Implicitly cleared: false Default probable cause: powerProblem (911)	<ul style="list-style-type: none"> LR14.3.MG
Description: FlexFabric Cmdr Power Subsystem Major trap.\nAlarm to be cleared by the operator at the management system.\nReason: cpqRackPowerMajorEAETrap		
Remedial action: For FlexFabric Cmdr, please refer to product documentation for possible corrective actions.		

Table 26-230 IK8252432 - Generic Power Subsystem EAE Critical trap

Alarm	Attributes	Applicable major releases
Name: IK8252432 (6623) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGmngElement	Severity: critical Specific problem: Generic Power Subsystem EAE Critical trap (1479) Implicitly cleared: false Default probable cause: powerProblem (911)	<ul style="list-style-type: none"> LR14.3.MG
Description: FlexFabric Cmdr Power Subsystem Critical trap.\nAlarm to be cleared by the operator at the management system.\nReason: cpqRackPowerCriticalEAETrap		
Remedial action: For FlexFabric Cmdr, please refer to product documentation for possible corrective actions.		

Table 26-231 IK8252436 - Generic WSMAN Major trap

Alarm	Attributes	Applicable major releases
Name: IK8252436 (6624) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: Generic WSMAN Major trap (1480) Implicitly cleared: false Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> LR14.3.MG
Description: WSMAN Major trap\nReason: cpqRackMajorWSMANTrap		
Remedial action: If the problem persists, contact Alcatel-Lucent customer support.		

Table 26-232 IK8252437 - Generic WSMAN Critical trap

Alarm	Attributes	Applicable major releases
Name: IK8252437 (6625) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGmngElement	Severity: critical Specific problem: Generic WSMAN Critical trap (1481) Implicitly cleared: false Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> LR14.3.MG
Description: WSMAN Critical trap\nReason: cpqRackCriticalWSMANTrap		
Remedial action: If the problem persists, contact Alcatel-Lucent customer support.		

Table 26-233 IK8252439 - Standby Recovery Server Interconnect Failure

Alarm	Attributes	Applicable major releases
Name: IK8252439 (6626) Type: communicationsAlarm (4) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: Standby Recovery Server Interconnect Failure (1482) Implicitly cleared: false Default probable cause: communicationsSubsystemFailure (915)	<ul style="list-style-type: none"> LR14.3.MG
Description: Recovery Server serial interconnect failure. The Standby Recovery Agent reports that the local serial interconnect is not connected or has failed. The primary server is being shutdown in anticipation of the startup of the standby server.\nAlarm to be cleared by the operator at the management system.\nReason: cpqRsStandbyCableFailure		
Remedial action: If the problem persists, contact Alcatel-Lucent customer support.		

Table 26-234 IK8252559 - Critical Alarm

Alarm	Attributes	Applicable major releases
Name: IK8252559 (6627) Type: equipmentAlarm (3) Package: Img Raised on class: Img.LMGmngElement	Severity: critical Specific problem: Critical Alarm (1483) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> LR14.3.MG
Description: A critical alarm has occurred.\nAlarm is cleared by the system.\nReason: cpqPMTrapCritical		
Remedial action: Check the Trap Details for more information.		

Table 26-235 IK8252609 - Monitor Condition Failed

Alarm	Attributes	Applicable major releases
Name: IK8252609 (6628) Type: processingErrorAlarm (81) Package: Img Raised on class: Img.LMGmngElement	Severity: major Specific problem: Monitor Condition Failed (1484) Implicitly cleared: false Default probable cause: applicationSubsystemFailure (689)	<ul style="list-style-type: none"> LR14.3.MG
Description: A fault reporting feature has exceeded normal limits in the monitor indicated by the cpqSiMonitorIndex. The monitor's condition has been set to failed due to an operational feature exceeding normal operating limits. The monitor will not be useable and should be replaced.\nAlarm to be cleared by the operator at the management system.\nReason: cpqSiMonitorConditionFailed		
Remedial action: Make a note of the monitor model number and serial number. Replace the monitor. Refer to the appropriate Maintenance and Service Guide for detailed information on a component replacement.		

Table 26-236 IK8252610 - Excessive Correctable Memory Errors

Alarm	Attributes	Applicable major releases
Name: IK8252610 (6629) Type: processingErrorAlarm (81) Package: Img Raised on class: Img.LMGmngElement	Severity: major Specific problem: Excessive Correctable Memory Errors (1485) Implicitly cleared: false Default probable cause: memoryMismatch (680)	<ul style="list-style-type: none"> LR14.3.MG
Description: Correctable memory error count has exceeded the threshold for the memory module indicated by the 'cpqSiMemErrorIndex' variable. The appropriate cpqSiMemModuleECCStatus has been set to degraded.\nAlarm to be cleared by the operator at the management system.\nReason: cpqSiCorrMemErrStatusDegraded		
Remedial action: For Desktops, the System Administrator should run the F10 Diagnostics on this system and select RAM LONG TEST. If it is determined that a module needs replacing, schedule maintenance for the system and replace the failed memory module. Refer to the appropriate Maintenance and Service Guide for detailed information on a component replacement.		

Table 26-237 IK8252615 - Hot Plug Slot Board Failed

Alarm	Attributes	Applicable major releases
Name: IK8252615 (6630) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: Hot Plug Slot Board Failed (1486) Implicitly cleared: false Default probable cause: powerProblem (911)	<ul style="list-style-type: none"> LR14.3.MG
Description: Hot Plug Slot Board Failed Power-Up. A Hot Plug Slot Board has failed to power-up in the specified chassis and slot.\nAlarm to be cleared by the operator at the management system.\nReason: cpqSiHotPlugSlotPowerUpFailed		
Remedial action: Insure the board and all cables are installed correctly and the board type and revision are the same as the replaced board.		

Table 26-238 IK8252616 - Battery Failure

Alarm	Attributes	Applicable major releases
Name: IK8252616 (6631) Type: environmentalAlarm (2) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: Battery Failure (235) Implicitly cleared: false Default probable cause: batteryFailure (649)	<ul style="list-style-type: none"> LR14.3.MG
Description: The battery indicated by cpqSiSysBatteryIndex has failed and must be replaced.\nAlarm to be cleared by the operator at the management system.\nReason: cpqSiSysBatteryFailure		
Remedial action: Contact your System Administrator or Authorized Reseller to order a replacement battery. Recycle your old battery. For proper disposal information, refer to the documentation that came with your computer.		

Table 26-239 IK8252617 - Battery Charging Degradation

Alarm	Attributes	Applicable major releases
Name: IK8252617 (6632) Type: environmentalAlarm (2) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: Battery Charging Degradation (1487) Implicitly cleared: false Default probable cause: lowBatteryThreshold (656)	<ul style="list-style-type: none"> LR14.3.MG
Description: Significant battery degradation has occurred with battery indicated by cpqSiSysBatteryIndex. The battery can no longer be fully recharged.\nAlarm to be cleared by the operator at the management system.\nReason: cpqSiSysBatteryChargingDegraded		
Remedial action: If using multiple batteries, run the Power Conservation Utility to identify the battery location. Contact your System Administrator or Authorized Reseller to order a replacement battery.		

Table 26-240 IK8252620 - Server Power Outage

Alarm	Attributes	Applicable major releases
Name: IK8252620 (6633) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: Server Power Outage (1488) Implicitly cleared: false Default probable cause: powerProblem (911)	<ul style="list-style-type: none"> LR14.3.MG
Description: Server Power Outage. The Remote Insight/ Integrated Lights-Out firmware has detected server power failure.\nAlarm to be cleared by the operator at the management system.\nReason: cpqSm2ServerPowerOutage		
Remedial action: Check the server's power source.		

Table 26-241 IK8252622 - Remote Insight Battery Failed

Alarm	Attributes	Applicable major releases
Name: IK8252622 (6634) Type: environmentalAlarm (2) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: Remote Insight Battery Failed (1489) Implicitly cleared: false Default probable cause: batteryFailure (649)	<ul style="list-style-type: none"> LR14.3.MG
Description: Remote Insight Battery Failed. The Remote Insight battery has failed and needs to be replaced.\nAlarm to be cleared by the operator at the management system.\nReason: cpqSm2BatteryFailed		
Remedial action: replace the failing Remote Insight battery.		

Table 26-242 IK8252628 - Remote Insight external power cable disconnected

Alarm	Attributes	Applicable major releases
Name: IK8252628 (6635) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: Remote Insight external power cable disconnected (1490) Implicitly cleared: false Default probable cause: powerProblem (911)	<ul style="list-style-type: none"> LR14.3.MG
Description: External Power Cable Disconnected. The Remote Insight external power cable has been disconnected.\nAlarm to be cleared by the operator at the management system.\nReason: cpqSm2ExternalPowerCableDisconnected		
Remedial action: check External Power Cable		

Table 26-243 IK8252632 - Server Fatal Error Detected

Alarm	Attributes	Applicable major releases
Name: IK8252632 (6636) Type: processingErrorAlarm (81) Package: lmg Raised on class: lmg.LMGmngElement	Severity: critical Specific problem: Server Fatal Error Detected (1491) Implicitly cleared: false Default probable cause: softwareError (718)	<ul style="list-style-type: none"> LR14.3.MG
Description: Server Fatal Error Detected. The Remote Insight/ Integrated Lights-Out firmware has detected a server fatal error.\nAlarm to be cleared by the operator at the management system.\nReason: cpqSm2ServerFatalError		
Remedial action: If the problem persists, contact Alcatel-Lucent customer support.		

Table 26-244 IK8252633 - The iLO NIC Link is Down

Alarm	Attributes	Applicable major releases
Name: IK8252633 (6637) Type: communicationsAlarm (4) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: The iLO NIC Link is Down (1492) Implicitly cleared: true Default probable cause: communicationsSubsystemFailure (915)	<ul style="list-style-type: none"> LR14.3.MG
Description: The iLO NIC Link is Down. The Remote Insight/ Integrated Lights-Out firmware has detected the loss of network link.\nAlarm is cleared by the system.\nReason: cpqSm2NicLinkDown		
Remedial action: Check the network connections for the iLO.		

Table 26-245 IK8252648 - PC Card Thermal Failure Status

Alarm	Attributes	Applicable major releases
Name: IK8252648 (6638) Type: qualityOfServiceAlarm (82) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: PC Card Thermal Failure Status (1493) Implicitly cleared: false Default probable cause: performanceDegraded (710)	<ul style="list-style-type: none"> LR14.3.MG
Description: This alarm is sent when the PC Card Slot Thermal Sensor threshold has been exceeded for degraded operations thereby causing failed operations. This alarm will be sent when cpqSePCCardStatus transitions from Thermal Degraded (2) to Thermal Failure (3). The manufacturer and product information strings as well as the slot number for the failed PC Card is provided as parameters for this trap.\nAlarm to be cleared by the operator at the management system.\nReason: cpqSePCCardThermalFailure		
Remedial action: If the problem persists, contact Alcatel-Lucent customer support.		

Table 26-246 IK8252657 - Storage System Temperature Failure

Alarm	Attributes	Applicable major releases
Name: IK8252657 (6639) Type: environmentalAlarm (2) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: Storage System Temperature Failure (1494) Implicitly cleared: false Default probable cause: temperatureUnacceptable (721)	<ul style="list-style-type: none"> LR14.3.MG
Description: Storage System temperature failure. The agent has detected that a temperature status has been set to failed. The storage system will be shutdown.\nAlarm to be cleared by the operator at the management system.\nReason: cpqSsTempFailed		
Remedial action: If the problem persists, contact Alcatel-Lucent customer support.		

Table 26-247 IK8254762 - linkDown

Alarm	Attributes	Applicable major releases
Name: IK8254762 (6640) Type: communicationsAlarm (4) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: linkDown (1495) Implicitly cleared: true Default probable cause: communicationsSubsystemFailure (915)	<ul style="list-style-type: none"> LR14.3.MG
Description: A linkDown alarm signifies that the SNMP entity, acting in an agent role, has detected that the ifOperStatus object for one of its communication links is about to enter the down state from some other state (but not from the notPresent state). This other state is indicated by the included value of ifOperStatus.\nAlarm is cleared by the system.\nReason: linkDown		
Remedial action: If the problem persists, contact Alcatel-Lucent customer support.		

Table 26-248 IK8300982 - Cluster Node Failed

Alarm	Attributes	Applicable major releases
Name: IK8300982 (6641) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: Cluster Node Failed (1428) Implicitly cleared: false Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> LR14.3.MG
Description: This alarm will be sent any time the condition of a node in the cluster becomes failed.\nAlarm to be cleared by the operator at the management system.\nReason: cpqClusterNodeFailed		
Remedial action: Make a note of the cluster node name then check the node for the cause of the failure.		

Table 26-249 IK8300984 - Cluster Resource Failed

Alarm	Attributes	Applicable major releases
Name: IK8300984 (6642) Type: processingErrorAlarm (81) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: Cluster Resource Failed (1429) Implicitly cleared: false Default probable cause: underlyingResourceUnavailable (724)	<ul style="list-style-type: none"> LR14.3.MG
Description: This alarm will be sent any time the condition of a cluster resource becomes failed. Alarm to be cleared by the operator at the management system. Reason: cpqClusterResourceFailed		
Remedial action: Make a note of the cluster resource name then check the resource for the cause of the failure.		

Table 26-250 IK8300986 - Cluster Network Failed

Alarm	Attributes	Applicable major releases
Name: IK8300986 (6643) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: Cluster Network Failed (1430) Implicitly cleared: false Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> LR14.3.MG
Description: This alarm will be sent any time the condition of a cluster network becomes failed. Alarm to be cleared by the operator at the management system. Reason: cpqClusterNetworkFailed		
Remedial action: Make a note of the cluster network name then check the network for the cause of the failure.		

Table 26-251 IK8301008 - The primary controller in the subsystem has failed

Alarm	Attributes	Applicable major releases
Name: IK8301008 (6644) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: The primary controller in the subsystem has failed (1431) Implicitly cleared: false Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> LR14.3.MG
Description: The primary controller in the subsystem has failed. Details: The primary Controller has failed. Alarm to be cleared by the operator at the management system. Reason: cpqCrController1FailureTrap		
Remedial action: Replace controller. Possible causes are controller physically removed, actual hardware failure.		

Table 26-252 IK8301010 - The secondary controller in the subsystem has failed

Alarm	Attributes	Applicable major releases
Name: IK8301010 (6645) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: The secondary controller in the subsystem has failed (1432) Implicitly cleared: false Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> LR14.3.MG
Description: The secondary controller in the subsystem has failed. Details: The secondary controller has failed.\nAlarm to be cleared by the operator at the management system.\nReason: cpqCrController2FailureTrap		
Remedial action: Replace controller. Possible causes are controller physically removed, actual hardware failure.		

Table 26-253 IK8301013 - A RAIDset has failed

Alarm	Attributes	Applicable major releases
Name: IK8301013 (6646) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: A RAIDset has failed (1433) Implicitly cleared: false Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> LR14.3.MG
Description: A RAIDset has failed. Details: The RAIDset has failed and is off-line.\nAlarm to be cleared by the operator at the management system.\nReason: cpqCrLogDriveFailureTrap		
Remedial action: Possible cause is too many failed disk drives that make up the RAIDset, the OS can no longer communicate with the RAIDset for other reasons.		

Table 26-254 IK8301018 - A disk drive has failed

Alarm	Attributes	Applicable major releases
Name: IK8301018 (6647) Type: processingErrorAlarm (81) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: A disk drive has failed (1434) Implicitly cleared: true Default probable cause: storageCapacityProblem (679)	<ul style="list-style-type: none"> LR14.3.MG
Description: A disk drive has failed. Details: A disk device has failed.\nAlarm is cleared by the system.\nReason: cpqCrDiskFailureTrap		
Remedial action: Replace the disk device.		

Table 26-255 IK8301023 - A disk drive has failed

Alarm	Attributes	Applicable major releases
Name: IK8301023 (6648) Type: processingErrorAlarm (81) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: A disk drive has failed (1434) Implicitly cleared: false Default probable cause: storageCapacityProblem (679)	<ul style="list-style-type: none"> LR14.3.MG
Description: A disk drive has failed. Details: A disk device has failed.\nAlarm to be cleared by the operator at the management system.\nReason: cpqCrPhyDiskFailureTrap		
Remedial action: Replace the disk device.		

Table 26-256 IK8301030 - Power supply has failed

Alarm	Attributes	Applicable major releases
Name: IK8301030 (6649) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: Power supply has failed (1435) Implicitly cleared: true Default probable cause: powerProblem (911)	<ul style="list-style-type: none"> LR14.3.MG
Description: Power supply has failed. Details: One of the power supplies in the primary enclosure has failed.\nAlarm is cleared by the system.\nReason: cpqCrEMUPowerSupplyFailureTrap		
Remedial action: Replace the power supply. Possible causes are power supply physically removed, power cord unplugged, actual hardware failure.		

Table 26-257 IK8301033 - Primary enclosure temperature critical!

Alarm	Attributes	Applicable major releases
Name: IK8301033 (6650) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGmngElement	Severity: critical Specific problem: Primary enclosure temperature critical! (1436) Implicitly cleared: false Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> LR14.3.MG
Description: Primary enclosure temperature critical!. Details: The temperature in the primary enclosure has triggered a critical condition detected by the controller.\nAlarm to be cleared by the operator at the management system.\nReason: cpqCrEMUTemperatureCriticalTrap		
Remedial action: Check the cooling fans in the primary enclosure.		

Table 26-258 IK8301037 - Power supply has failed

Alarm	Attributes	Applicable major releases
Name: IK8301037 (6651) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: Power supply has failed (1435) Implicitly cleared: true Default probable cause: powerProblem (911)	<ul style="list-style-type: none"> LR14.3.MG
Description: Power supply has failed. Details: One of the power supplies in the expansion cabinet has failed.\nAlarm is cleared by the system.\nReason: cpqCrExpCabPowerSupplyFailureTrap		
Remedial action: Replace the power supply. Possible causes are power supply physically removed, power cord unplugged, actual hardware failure.		

Table 26-259 IK8301040 - cpqCrExpCabTemperatureCriticalTrap

Alarm	Attributes	Applicable major releases
Name: IK8301040 (6652) Type: environmentalAlarm (2) Package: lmg Raised on class: lmg.LMGmngElement	Severity: critical Specific problem: cpqCrExpCabTemperatureCriticalTrap (1437) Implicitly cleared: false Default probable cause: temperatureUnacceptable (721)	<ul style="list-style-type: none"> LR14.3.MG
Description: Expansion cabinet temperature critical! Details: The temperature in the expansion cabinet has triggered a critical condition detected by the controller.\nAlarm to be cleared by the operator at the management system.\nReason: cpqCrExpCabTemperatureCriticalTrap		
Remedial action: Check the cooling fans in the expansion cabinet.		

Table 26-260 IK8301060 - External Array Accelerator Board Battery Failed

Alarm	Attributes	Applicable major releases
Name: IK8301060 (6653) Type: environmentalAlarm (2) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: External Array Accelerator Board Battery Failed (1438) Implicitly cleared: false Default probable cause: batteryFailure (649)	<ul style="list-style-type: none"> LR14.3.MG
Description: External Array Accelerator Board Battery Failed. This alarm signifies that the agent has detected a battery failure associated with the Array Accelerator Cache Board.\nAlarm to be cleared by the operator at the management system.\nReason: cpqFcaAccelBatteryFailed		
Remedial action: Replace the Accelerator Cache Board.		

Table 26-261 IK8301073 - External Array Accelerator Board Battery Failed

Alarm	Attributes	Applicable major releases
Name: IK8301073 (6654) Type: environmentalAlarm (2) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: External Array Accelerator Board Battery Failed (1438) Implicitly cleared: false Default probable cause: batteryFailure (649)	<ul style="list-style-type: none"> LR14.3.MG
Description: External Array Accelerator Board Battery Failed. This alarm signifies that the agent has detected a battery failure associated with the Array Accelerator Cache Board.\nAlarm to be cleared by the operator at the management system.\nReason: cpqFca2AccelBatteryFailed		
Remedial action: Replace the Accelerator Cache Board.		

Table 26-262 IK8301098 - POST Errors Occurred

Alarm	Attributes	Applicable major releases
Name: IK8301098 (6655) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: POST Errors Occurred (1439) Implicitly cleared: false Default probable cause: powerProblem (911)	<ul style="list-style-type: none"> LR14.3.MG
Description: One or more POST errors occurred. Power On Self-Test (POST) errors occur during the server restart process.\nAlarm to be cleared by the operator at the management system.\nReason: cpqHePostError		
Remedial action: Refer to the Integrated Management Log for details on the POST error.		

Table 26-263 IK8301102 - Thermal Failure

Alarm	Attributes	Applicable major releases
Name: IK8301102 (6656) Type: environmentalAlarm (2) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: Thermal Failure (1440) Implicitly cleared: false Default probable cause: temperatureUnacceptable (721)	<ul style="list-style-type: none"> LR14.3.MG
Description: The temperature status has been set to failed. The system will be shutdown due to this thermal condition.\nAlarm to be cleared by the operator at the management system.\nReason: cpqHe3ThermalTempFailed		
Remedial action: Check the system for hardware failures and verify the environment is properly cooled.		

Table 26-264 IK8301105 - System Fan Failure

Alarm	Attributes	Applicable major releases
Name: IK8301105 (6657) Type: environmentalAlarm (2) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: System Fan Failure (1441) Implicitly cleared: true Default probable cause: coolingFanFailure (651)	<ul style="list-style-type: none"> LR14.3.MG
Description: The system fan status has been set to failed. A required system fan is not operating normally. The system will be shutdown if the cpqHeThermalDegradedAction variable is set to shutdown(3).\nAlarm is cleared by the system.\nReason: cpqHe3ThermalSystemFanFailed		
Remedial action: Replace the failed fan.		

Table 26-265 IK8301112 - POST Errors Occurred

Alarm	Attributes	Applicable major releases
Name: IK8301112 (6658) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: POST Errors Occurred (1439) Implicitly cleared: false Default probable cause: powerProblem (911)	<ul style="list-style-type: none"> LR14.3.MG
Description: One or more POST errors occurred. Power On Self-Test (POST) errors occur during the server restart process. Details of the POST error messages can be found in Integrated Management Log\nAlarm to be cleared by the operator at the management system.\nReason: cpqHe3PostError		
Remedial action: Refer to the Integrated Management Log for details on the POST error.		

Table 26-266 IK8301116 - Power Supply Failed

Alarm	Attributes	Applicable major releases
Name: IK8301116 (6659) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: Power Supply Failed (1442) Implicitly cleared: true Default probable cause: powerProblem (911)	<ul style="list-style-type: none"> LR14.3.MG
Description: The fault tolerant power supply condition has been set to failed for the specified chassis and bay location.\nAlarm is cleared by the system.\nReason: cpqHe3FitToIPowerSupplyFailed		
Remedial action: If the problem persists, contact Alcatel-Lucent customer support.		

Table 26-267 IK8301121 - Fan Failed

Alarm	Attributes	Applicable major releases
Name: IK8301121 (6660) Type: environmentalAlarm (2) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: Fan Failed (1443) Implicitly cleared: true Default probable cause: coolingFanFailure (651)	<ul style="list-style-type: none"> LR14.3.MG
Description: The Fault Tolerant Fan condition has been set to failed for the specified chassis and fan.\nAlarm is cleared by the system.\nReason: cpqHe3FitToIFanFailed		
Remedial action: Replace the failed fan.		

Table 26-268 IK8301125 - Thermal Failure

Alarm	Attributes	Applicable major releases
Name: IK8301125 (6661) Type: environmentalAlarm (2) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: Thermal Failure (1440) Implicitly cleared: false Default probable cause: temperatureUnacceptable (721)	<ul style="list-style-type: none"> LR14.3.MG
Description: The temperature status has been set to failed in the specified chassis and location. The system will be shutdown due to this condition.\nAlarm to be cleared by the operator at the management system.\nReason: cpqHe3TemperatureFailed		
Remedial action: Check the system for hardware failures and verify the environment is properly cooled.		

Table 26-269 IK8301129 - Power Converter Failed

Alarm	Attributes	Applicable major releases
Name: IK8301129 (6662) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: Power Converter Failed (1444) Implicitly cleared: false Default probable cause: powerProblem (911)	<ul style="list-style-type: none"> LR14.3.MG
Description: The DC-DC Power Converter condition has been set to failed for the specified chassis, slot and socket.\nAlarm to be cleared by the operator at the management system.\nReason: cpqHe3PowerConverterFailed		
Remedial action: Replace the failed power converter.		

Table 26-270 IK8301135 - Power Supply Failed

Alarm	Attributes	Applicable major releases
Name: IK8301135 (6663) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: Power Supply Failed (1442) Implicitly cleared: true Default probable cause: powerProblem (911)	<ul style="list-style-type: none"> LR14.3.MG
Description: The fault tolerant power supply condition has been set to failed for the specified chassis and bay location.\nAlarm is cleared by the system.\nReason: cpqHe4FitToIPowerSupplyFailed		
Remedial action: Replace the failed power supply.		

Table 26-271 IK8301144 - Memory Board or Cartridge Bus Error Detected

Alarm	Attributes	Applicable major releases
Name: IK8301144 (6664) Type: processingErrorAlarm (81) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: Memory Board or Cartridge Bus Error Detected (1445) Implicitly cleared: false Default probable cause: memoryMismatch (680)	<ul style="list-style-type: none"> LR14.3.MG
Description: Memory board or cartridge bus error detected. An Advanced Memory Protection sub-system board or cartridge bus error has been detected.\nAlarm to be cleared by the operator at the management system.\nReason: cpqHeResMemBoardBusError		
Remedial action: Replace the indicated board or cartridge.		

Table 26-272 IK8301148 - Management processor failed reset

Alarm	Attributes	Applicable major releases
Name: IK8301148 (6665) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: Management processor failed reset (1446) Implicitly cleared: false Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> LR14.3.MG
Description: The Management processor failed reset The management processor was not successfully reset and is not operational.\nAlarm to be cleared by the operator at the management system.\nReason: cpqHeManagementProcFailedReset		
Remedial action: Reset the management procesessor again or re-flash the management processor firmware.		

Table 26-273 IK8301152 - Memory Board or Cartridge or Riser Bus Error Detected

Alarm	Attributes	Applicable major releases
Name: IK8301152 (6666) Type: processingErrorAlarm (81) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: Memory Board or Cartridge or Riser Bus Error Detected (1447) Implicitly cleared: false Default probable cause: memoryMismatch (680)	<ul style="list-style-type: none"> LR14.3.MG
Description: Memory board or cartridge or Riser bus error detected. An Advanced Memory Protection sub-system board or cartridge or Riser bus error has been detected. Value 0 for CPU means memory is not processor based. Alarm to be cleared by the operator at the management system. Reason: cpqHe5ResMemBoardBusError		
Remedial action: Replace the indicated board or cartridge or Riser.		

Table 26-274 IK8301154 - Power Supply AC Power Loss

Alarm	Attributes	Applicable major releases
Name: IK8301154 (6667) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: Power Supply AC Power Loss (1448) Implicitly cleared: false Default probable cause: powerProblem (911)	<ul style="list-style-type: none"> LR14.3.MG
Description: The fault tolerant power supply AC power loss for the specified chassis and bay location. Alarm to be cleared by the operator at the management system. Reason: cpqHe4FitToIPowerSupplyACpowerloss		
Remedial action: Check the power source for the specified power supply.		

Table 26-275 IK8301156 - Application Error Trap

Alarm	Attributes	Applicable major releases
Name: IK8301156 (6668) Type: processingErrorAlarm (81) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: Application Error Trap (1449) Implicitly cleared: false Default probable cause: applicationSubsystemFailure (689)	<ul style="list-style-type: none"> LR14.3.MG
Description: An application has generated an exception. Specific error information is contained in the variable cpqHoSwPerfAppErrorDesc. Alarm to be cleared by the operator at the management system. Reason: cpqHoAppErrorTrap		
Remedial action: If the problem persists, contact Alcatel-Lucent customer support.		

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Table 26-276 IK8301158 - Application Error Trap

Alarm	Attributes	Applicable major releases
Name: IK8301158 (6669) Type: processingErrorAlarm (81) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: Application Error Trap (1449) Implicitly cleared: false Default probable cause: applicationSubsystemFailure (689)	<ul style="list-style-type: none"> LR14.3.MG
Description: An application has generated an exception. Specific error information is contained in the variable cpqHoSwPerfAppErrorDesc.\nAlarm to be cleared by the operator at the management system.\nReason: cpqHo2AppErrorTrap		
Remedial action: If the problem persists, contact Alcatel-Lucent customer support.		

Table 26-277 IK8301163 - Status Trap

Alarm	Attributes	Applicable major releases
Name: IK8301163 (6670) Type: communicationsAlarm (4) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: Status Trap (1450) Implicitly cleared: true Default probable cause: communicationsSubsystemFailure (915)	<ul style="list-style-type: none"> LR14.3.MG
Description: This alarm will be sent any time the status of a NIC changes to the Failed condition.\nAlarm is cleared by the system.\nReason: cpqHo2NicStatusFailed2		
Remedial action: Check the network cables. Replace the failed NIC.		

Table 26-278 IK8301172 - Power Threshold Exceeded

Alarm	Attributes	Applicable major releases
Name: IK8301172 (6671) Type: qualityOfServiceAlarm (82) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: Power Threshold Exceeded (1451) Implicitly cleared: false Default probable cause: resourceAtOrNearingCapacity (715)	<ul style="list-style-type: none"> LR14.3.MG
Description: This alarm notifies user of a power threshold breach. Power threshold exceeded.\nAlarm to be cleared by the operator at the management system.\nReason: cpqHo2PowerThresholdTrap		
Remedial action: If the problem persists, contact Alcatel-Lucent customer support.		

Table 26-279 IK8302265 - Accelerator Board Battery Failed

Alarm	Attributes	Applicable major releases
Name: IK8302265 (6672) Type: environmentalAlarm (2) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: Accelerator Board Battery Failed (1452) Implicitly cleared: false Default probable cause: batteryFailure (649)	<ul style="list-style-type: none"> LR14.3.MG
Description: Accelerator Board Battery Failed. This alarm signifies that the agent has detected a battery failure associated with the array accelerator cache board. The current battery status is indicated by the cpqDaAccelBattery variable. \nAlarm to be cleared by the operator at the management system. \nReason: cpqDaAccelBatteryFailed		
Remedial action: check the Accelerator Board Battery		

Table 26-280 IK8302272 - Accelerator Board Battery Failed

Alarm	Attributes	Applicable major releases
Name: IK8302272 (6673) Type: environmentalAlarm (2) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: Accelerator Board Battery Failed (1452) Implicitly cleared: false Default probable cause: batteryFailure (649)	<ul style="list-style-type: none"> LR14.3.MG
Description: Accelerator Board Battery Failed. This alarm signifies that the agent has detected a battery failure associated with the array accelerator cache board. The current battery status is indicated by the cpqDaAccelBattery variable. \nAlarm to be cleared by the operator at the management system. \nReason: cpqDa2AccelBatteryFailed		
Remedial action: check the Accelerator Board Battery		

Table 26-281 IK8302279 - Accelerator Board Battery Failed

Alarm	Attributes	Applicable major releases
Name: IK8302279 (6674) Type: environmentalAlarm (2) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: Accelerator Board Battery Failed (1452) Implicitly cleared: false Default probable cause: batteryFailure (649)	<ul style="list-style-type: none"> LR14.3.MG
Description: Accelerator Board Battery Failed. This alarm signifies that the agent has detected a battery failure associated with the array accelerator cache board. The current battery status is indicated by the cpqDaAccelBattery variable. \nAlarm to be cleared by the operator at the management system. \nReason: cpqDa3AccelBatteryFailed		
Remedial action: check the Accelerator Board Battery		

Table 26-282 IK8302291 - Accelerator Board Bad Data

Alarm	Attributes	Applicable major releases
Name: IK8302291 (6675) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: Accelerator Board Bad Data (1453) Implicitly cleared: false Default probable cause: powerProblem (911)	<ul style="list-style-type: none"> LR14.3.MG
Description: Accelerator Board Bad Data. This alarm signifies that the agent has detected an array accelerator cache board that has lost battery power. If data was being stored in the accelerator cache memory when the server lost power, that data has been lost.\nAlarm to be cleared by the operator at the management system.\nReason: cpqDa5AccelBadDataTrap		
Remedial action: Verify that no data has been lost.		

Table 26-283 IK8302292 - Accelerator Board Battery Failed

Alarm	Attributes	Applicable major releases
Name: IK8302292 (6676) Type: environmentalAlarm (2) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: Accelerator Board Battery Failed (1452) Implicitly cleared: false Default probable cause: batteryFailure (649)	<ul style="list-style-type: none"> LR14.3.MG
Description: Accelerator Board Battery Failed. This alarm signifies that the agent has detected a battery failure associated with the array accelerator cache board.\nAlarm to be cleared by the operator at the management system.\nReason: cpqDa5AccelBatteryFailed		
Remedial action: Replace the Accelerator Cache Board.		

Table 26-284 IK8302295 - Physical Drive Threshold Passed

Alarm	Attributes	Applicable major releases
Name: IK8302295 (6677) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: Physical Drive Threshold Passed (1454) Implicitly cleared: false Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> LR14.3.MG
Description: Physical Drive Threshold Passed. This alarm signifies that the agent has detected a factory threshold associated with one of the physical drive objects on a drive array has been exceeded.\nAlarm to be cleared by the operator at the management system.\nReason: cpqDa5PhyDrvThreshPassedTrap		
Remedial action: Replace the physical drive.		

Table 26-285 IK8302302 - Physical Drive Threshold Passed

Alarm	Attributes	Applicable major releases
Name: IK8302302 (6678) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: Physical Drive Threshold Passed (1454) Implicitly cleared: false Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> LR14.3.MG
Description: Physical Drive Threshold Passed. This alarm signifies that the agent has detected a factory threshold associated with one of the physical drive objects on a drive array has been exceeded.\nAlarm to be cleared by the operator at the management system.\nReason: cpqDa6PhyDrvThreshPassedTrap		
Remedial action: Replace the physical drive.		

Table 26-286 IK8302337 - NIC Status Trap

Alarm	Attributes	Applicable major releases
Name: IK8302337 (6679) Type: communicationsAlarm (4) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: NIC Status Trap (1455) Implicitly cleared: true Default probable cause: communicationsSubsystemFailure (915)	<ul style="list-style-type: none"> LR14.3.MG
Description: This alarm will be sent any time the status of a logical adapter changes to the Failed condition. This occurs when the adapter in a single adapter configuration fails, or when the last adapter in a redundant configuration fails. This can be caused by loss of link due to a cable being removed from the adapter or the Hub or Switch. Internal adapter, Hub, or Switch failures can also cause this condition.\nAlarm is cleared by the system.\nReason: cpqNicConnectivityLost		
Remedial action: Check the cables to the adapter and the Hub or Switch. If no cable problems are found, the adapter, Hub, or Switch may need replacement.		

Table 26-287 IK8302341 - NIC Connectivity Lost Trap

Alarm	Attributes	Applicable major releases
Name: IK8302341 (6680) Type: communicationsAlarm (4) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: NIC Connectivity Lost Trap (1456) Implicitly cleared: true Default probable cause: communicationsSubsystemFailure (915)	<ul style="list-style-type: none"> LR14.3.MG
Description: This alarm will be sent any time the status of a logical adapter changes to the Failed condition. This occurs when the adapter in a single adapter configuration fails, or when the last adapter in a redundant configuration fails. This can be caused by loss of link due to a cable being removed from the adapter or the Hub or Switch. Internal adapter, Hub, or Switch failures can also cause this condition.\nAlarm is cleared by the system.\nReason: cpqNic2ConnectivityLost		
Remedial action: Check the cables to the adapter and the Hub or Switch. If no cable problems are found, the adapter, Hub, or Switch may need replacement.		

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Table 26-288 IK8302343 - NIC Redundancy Reduced Trap

Alarm	Attributes	Applicable major releases
Name: IK8302343 (6681) Type: communicationsAlarm (4) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: NIC Redundancy Reduced Trap (1457) Implicitly cleared: true Default probable cause: communicationsSubsystemFailure (915)	<ul style="list-style-type: none"> LR14.3.MG
Description: This alarm will be sent any time a physical adapter in a logical adapter group changes to the Failed condition, but at least one physical adapter remains in the OK condition.. This can be caused by loss of link due to a cable being removed from the adapter or the Hub or Switch. Internal adapter, Hub, or Switch failures can also cause this condition.\nAlarm is cleared by the system.\nReason: cpqNic2RedundancyReduced		
Remedial action: Check the cables to the adapter and the Hub or Switch. If no cable problems are found, the adapter, Hub, or Switch may need replacement.		

Table 26-289 IK8302347 - NIC Connectivity Lost Trap

Alarm	Attributes	Applicable major releases
Name: IK8302347 (6682) Type: communicationsAlarm (4) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: NIC Connectivity Lost Trap (1456) Implicitly cleared: false Default probable cause: communicationsSubsystemFailure (915)	<ul style="list-style-type: none"> LR14.3.MG
Description: This alarm will be sent any time the status of a logical adapter changes to the Failed condition. This occurs when the adapter in a single adapter configuration fails, or when the last adapter in a redundant configuration fails. This can be caused by loss of link due to a cable being removed from the adapter or the Hub or Switch. Internal adapter, Hub, or Switch failures can also cause this condition.\nAlarm to be cleared by the operator at the management system.\nReason: cpqNic3ConnectivityLost		
Remedial action: Check the cables to the adapter and the Hub or Switch. If no cable problems are found, the adapter, Hub, or Switch may need replacement.		

Table 26-290 IK8302349 - NIC Redundancy Reduced Trap

Alarm	Attributes	Applicable major releases
Name: IK8302349 (6683) Type: communicationsAlarm (4) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: NIC Redundancy Reduced Trap (1457) Implicitly cleared: true Default probable cause: communicationsSubsystemFailure (915)	<ul style="list-style-type: none"> LR14.3.MG
Description: This alarm will be sent any time a physical adapter in a logical adapter group changes to the Failed condition, but at least one physical adapter remains in the OK condition.. This can be caused by loss of link due to a cable being removed from the adapter or the Hub or Switch. Internal adapter, Hub, or Switch failures can also cause this condition.\nAlarm is cleared by the system.\nReason: cpqNic3RedundancyReduced		

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Alarm	Attributes	Applicable major releases
Remedial action: Check the cables to the adapter and the Hub or Switch. If no cable problems are found, the adapter, Hub, or Switch may need replacement.		

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Table 26-291 IK8302360 - Enclosure temperature failed

Alarm	Attributes	Applicable major releases
Name: IK8302360 (6684) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: Enclosure temperature failed (1458) Implicitly cleared: false Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> LR14.3.MG
Description: The enclosure temperature status has been set to failed. This alarm signifies that a enclosure temperature sensor has been tripped indicating an overheat condition.\nAlarm to be cleared by the operator at the management system.\nReason: cpqRackEnclosureTempFailed		
Remedial action: Shutdown the enclosure and possibly the rack as soon as possible. Ensure all fans are working properly and that air flow in the rack has not been blocked.		

Table 26-292 IK8302363 - Enclosure fan failed

Alarm	Attributes	Applicable major releases
Name: IK8302363 (6685) Type: environmentalAlarm (2) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: Enclosure fan failed (1459) Implicitly cleared: true Default probable cause: coolingFanFailure (651)	<ul style="list-style-type: none"> LR14.3.MG
Description: The enclosure fan status has been set to failed. This alarm signifies that an enclosure fan has failed and no other fans in the redundant fan group are operating. This may result in overheating of the enclosure.\nAlarm is cleared by the system.\nReason: cpqRackEnclosureFanFailed		
Remedial action: Replace the fan as soon as possible.		

Table 26-293 IK8302368 - Rack power supply failed

Alarm	Attributes	Applicable major releases
Name: IK8302368 (6686) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGmngElement	Severity: critical Specific problem: Rack power supply failed (1460) Implicitly cleared: true Default probable cause: powerProblem (911)	<ul style="list-style-type: none"> LR14.3.MG

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Alarm	Attributes	Applicable major releases
Description: The power supply status has been set to failed. This alarm signifies that a power supply has failed.\nAlarm is cleared by the system.\nReason: cpqRackPowerSupplyFailed		
Remedial action: Replace the power supply as soon as possible.		

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Table 26-294 IK8302369 - Rack power supply degraded

Alarm	Attributes	Applicable major releases
Name: IK8302369 (6687) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: Rack power supply degraded (1461) Implicitly cleared: false Default probable cause: powerProblem (911)	<ul style="list-style-type: none"> LR14.3.MG
Description: The power supply status has been set to degraded. This alarm signifies that a power supply has degraded.\nAlarm to be cleared by the operator at the management system.\nReason: cpqRackPowerSupplyDegraded		
Remedial action: Replace the power supply as soon as possible.		

Table 26-295 IK8302374 - Rack power supply input voltage problem

Alarm	Attributes	Applicable major releases
Name: IK8302374 (6688) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: Rack power supply input voltage problem (1462) Implicitly cleared: false Default probable cause: powerProblem (911)	<ul style="list-style-type: none"> LR14.3.MG
Description: The rack power supply detected an input line voltage problem.\nAlarm to be cleared by the operator at the management system.\nReason: cpqRackPowerSubsystemLineVoltageProblem		
Remedial action: Check the power input for the power supply or replace any failed power supplies as soon as possible.		

Table 26-296 IK8302375 - Rack power subsystem overload condition

Alarm	Attributes	Applicable major releases
Name: IK8302375 (6689) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: Rack power subsystem overload condition (1463) Implicitly cleared: false Default probable cause: powerProblem (911)	<ul style="list-style-type: none"> LR14.3.MG
Description: The rack power subsystem overload condition.\nAlarm to be cleared by the operator at the management system.\nReason: cpqRackPowerSubsystemOverloadCondition		

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Alarm	Attributes	Applicable major releases
Remedial action: Replace any failed power supplies as soon as possible to return the system to a redundant state.		

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Table 26-297 IK8302376 - Server shutdown due to power shedding

Alarm	Attributes	Applicable major releases
Name: IK8302376 (6690) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGmngElement	Severity: critical Specific problem: Server shutdown due to power shedding (1464) Implicitly cleared: false Default probable cause: powerProblem (911)	<ul style="list-style-type: none"> LR14.3.MG
Description: Server shutdown due to power shedding. The server blade was shutdown due to a lack of power. \nAlarm to be cleared by the operator at the management system. \nReason: cpqRackPowerShedAutoShutdown		
Remedial action: Check power connections or add power supplies.		

Table 26-298 IK8302377 - Server power on prevented to preserve redundancy

Alarm	Attributes	Applicable major releases
Name: IK8302377 (6691) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGmngElement	Severity: critical Specific problem: Server power on prevented to preserve redundancy (1465) Implicitly cleared: false Default probable cause: powerProblem (911)	<ul style="list-style-type: none"> LR14.3.MG
Description: Server power on prevented to preserve redundancy. There is not enough power to power on the server blade and maintain redundancy for the other blades in the enclosure. \nAlarm to be cleared by the operator at the management system. \nReason: cpqRackServerPowerOnFailedNotRedundant		
Remedial action: Check power connections or add power supplies.		

Table 26-299 IK8302378 - Inadequate power to power on

Alarm	Attributes	Applicable major releases
Name: IK8302378 (6692) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGmngElement	Severity: critical Specific problem: Inadequate power to power on (1466) Implicitly cleared: false Default probable cause: powerProblem (911)	<ul style="list-style-type: none"> LR14.3.MG
Description: Inadequate power to power on. There is not enough power to power on the server blade. \nAlarm to be cleared by the operator at the management system. \nReason: cpqRackServerPowerOnFailedNotEnoughPower		
Remedial action: Check power connections or add power supplies.		

Table 26-300 IK8302379 - Inadequate power to power on

Alarm	Attributes	Applicable major releases
Name: IK8302379 (6693) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGmngElement	Severity: critical Specific problem: Inadequate power to power on (1466) Implicitly cleared: false Default probable cause: powerProblem (911)	<ul style="list-style-type: none"> LR14.3.MG
Description: Inadequate power to power on. There is not enough power to power on the server blade. The server enclosure micro-controller was not found.\nAlarm to be cleared by the operator at the management system.\nReason: cpqRackServerPowerOnFailedEnclosureNotFound		
Remedial action: Check server enclosure connections or add power supplies.		

Table 26-301 IK8302380 - Inadequate power to power on

Alarm	Attributes	Applicable major releases
Name: IK8302380 (6694) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGmngElement	Severity: critical Specific problem: Inadequate power to power on (1466) Implicitly cleared: false Default probable cause: powerProblem (911)	<ul style="list-style-type: none"> LR14.3.MG
Description: Inadequate power to power on. There is not enough power to power on the server blade. The power enclosure micro-controller was not found.\nAlarm to be cleared by the operator at the management system.\nReason: cpqRackServerPowerOnFailedPowerChassisNotFound		
Remedial action: Check power enclosure connections or add power supplies.		

Table 26-302 IK8302382 - Fuse open

Alarm	Attributes	Applicable major releases
Name: IK8302382 (6695) Type: environmentalAlarm (2) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: Fuse open (1467) Implicitly cleared: false Default probable cause: enclosureDoorOpen (900)	<ul style="list-style-type: none"> LR14.3.MG
Description: Fuse open. The fuse has been tripped.\nAlarm to be cleared by the operator at the management system.\nReason: cpqRackFuseOpen		
Remedial action: Check enclosure and / or blade power connections and reset the fuse.		

Table 26-303 IK8302386 - Power subsystem DC power problem

Alarm	Attributes	Applicable major releases
Name: IK8302386 (6696) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: Power subsystem DC power problem (1468) Implicitly cleared: false Default probable cause: powerProblem (911)	<ul style="list-style-type: none"> LR14.3.MG
Description: Power subsystem DC power problem. There is a power subsystem DC power problem for this power enclosure.\nAlarm to be cleared by the operator at the management system.\nReason: cpqRackPowerChassisDcPowerProblem		
Remedial action: Check the power enclosure and power supplies. Replace any failed or degraded power supplies.		

Table 26-304 IK8302387 - Power subsystem AC facility input power exceeded

Alarm	Attributes	Applicable major releases
Name: IK8302387 (6697) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: Power subsystem AC facility input power exceeded (1469) Implicitly cleared: false Default probable cause: powerProblem (911)	<ul style="list-style-type: none"> LR14.3.MG
Description: Power subsystem AC facility input power exceeded. There is a power subsystem Power subsystem AC facility input power exceeded for this power enclosure.\nAlarm to be cleared by the operator at the management system.\nReason: cpqRackPowerChassisAcFacilityPowerExceeded		
Remedial action: Check the power enclosure and power supplies. Replace any failed or degraded power supplies.		

Table 26-305 IK8302388 - Unknown power consumption

Alarm	Attributes	Applicable major releases
Name: IK8302388 (6698) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: Unknown power consumption (1470) Implicitly cleared: false Default probable cause: powerProblem (911)	<ul style="list-style-type: none"> LR14.3.MG
Description: Unknown power consumption. There is an unknown power consumer drawing power.\nAlarm to be cleared by the operator at the management system.\nReason: cpqRackPowerUnknownPowerConsumption		
Remedial action: Check the power enclosure and power supplies. Replace any failed or degraded power supplies.		

Table 26-306 IK8302391 - Power subsystem improperly configured

Alarm	Attributes	Applicable major releases
Name: IK8302391 (6699) Type: processingErrorAlarm (81) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: Power subsystem improperly configured (1471) Implicitly cleared: false Default probable cause: configurationOrCustomizationError (902)	<ul style="list-style-type: none"> LR14.3.MG
Description: Power subsystem improperly configured. The power subsystem has been improperly configured.\nAlarm to be cleared by the operator at the management system.\nReason: cpqRackPowerChassisConfigError		
Remedial action: Check the cabling of the power enclosure.		

Table 26-307 IK8302401 - Interconnect failed

Alarm	Attributes	Applicable major releases
Name: IK8302401 (6700) Type: communicationsAlarm (4) Package: lmg Raised on class: lmg.LMGmngElement	Severity: critical Specific problem: Interconnect failed (1472) Implicitly cleared: false Default probable cause: communicationsSubsystemFailure (915)	<ul style="list-style-type: none"> LR14.3.MG
Description: The interconnect status has been set to failed. This alarm signifies that a interconnect has failed.\nAlarm to be cleared by the operator at the management system.\nReason: cpqRackNetConnectorFailed		
Remedial action: Replace the interconnect as soon as possible.		

Table 26-308 IK8302408 - Server blade health status degraded

Alarm	Attributes	Applicable major releases
Name: IK8302408 (6701) Type: qualityOfServiceAlarm (82) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: Server blade health status degraded (1473) Implicitly cleared: false Default probable cause: performanceDegraded (710)	<ul style="list-style-type: none"> LR14.3.MG
Description: Server blade health status Degraded. The server blade health status has changed to Degraded.\nAlarm to be cleared by the operator at the management system.\nReason: cpqRackServerBladeStatusDegraded		
Remedial action: Check blade server and enclosure SYSLOG.		

Table 26-309 IK8302409 - Server blade health status critical

Alarm	Attributes	Applicable major releases
Name: IK8302409 (6702) Type: processingErrorAlarm (81) Package: lmg Raised on class: lmg.LMGmngElement	Severity: critical Specific problem: Server blade health status critical (1474) Implicitly cleared: false Default probable cause: applicationSubsystemFailure (689)	<ul style="list-style-type: none"> LR14.3.MG
Description: Server blade health status Critical. The server blade health status has changed to Critical.\nAlarm to be cleared by the operator at the management system.\nReason: cpqRackServerBladeStatusCritical		
Remedial action: Check blade server and enclosure SYSLOG.		

Table 26-310 IK8302411 - Server blade unexpected shutdown

Alarm	Attributes	Applicable major releases
Name: IK8302411 (6703) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: Server blade unexpected shutdown (1475) Implicitly cleared: false Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> LR14.3.MG
Description: An unexpected shutdown has occurred for this server blade.\nAlarm to be cleared by the operator at the management system.\nReason: cpqRackServerBladeUnexpectedShutdown		
Remedial action: Check blade server and enclosure SYSLOG.		

Table 26-311 IK8302428 - Generic EAE Major trap

Alarm	Attributes	Applicable major releases
Name: IK8302428 (6704) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: Generic EAE Major trap (1476) Implicitly cleared: false Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> LR14.3.MG
Description: EAE Major trap\nAlarm to be cleared by the operator at the management system.\nReason: cpqRackMajorEAETrap		
Remedial action: If the problem persists, contact Alcatel-Lucent customer support.		

Table 26-312 IK8302429 - Generic EAE Critical trap

Alarm	Attributes	Applicable major releases
Name: IK8302429 (6705) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGmngElement	Severity: critical Specific problem: Generic EAE Critical trap (1477) Implicitly cleared: false Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> LR14.3.MG
Description: EAE Critical trap\nAlarm to be cleared by the operator at the management system.\nReason: cpqRackCriticalEAETrap		
Remedial action: If the problem persists, contact Alcatel-Lucent customer support.		

Table 26-313 IK8302431 - Generic Power Subsystem EAE Major trap

Alarm	Attributes	Applicable major releases
Name: IK8302431 (6706) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: Generic Power Subsystem EAE Major trap (1478) Implicitly cleared: false Default probable cause: powerProblem (911)	<ul style="list-style-type: none"> LR14.3.MG
Description: FlexFabric Cmdr Power Subsystem Major trap.\nAlarm to be cleared by the operator at the management system.\nReason: cpqRackPowerMajorEAETrap		
Remedial action: For FlexFabric Cmdr, please refer to product documentation for possible corrective actions.		

Table 26-314 IK8302432 - Generic Power Subsystem EAE Critical trap

Alarm	Attributes	Applicable major releases
Name: IK8302432 (6707) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGmngElement	Severity: critical Specific problem: Generic Power Subsystem EAE Critical trap (1479) Implicitly cleared: false Default probable cause: powerProblem (911)	<ul style="list-style-type: none"> LR14.3.MG
Description: FlexFabric Cmdr Power Subsystem Critical trap.\nAlarm to be cleared by the operator at the management system.\nReason: cpqRackPowerCriticalEAETrap		
Remedial action: For FlexFabric Cmdr, please refer to product documentation for possible corrective actions.		

Table 26-315 IK8302436 - Generic WSMAN Major trap

Alarm	Attributes	Applicable major releases
Name: IK8302436 (6708) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: Generic WSMAN Major trap (1480) Implicitly cleared: false Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> LR14.3.MG
Description: WSMAN Major trap\nReason: cpqRackMajorWSMANTrap		
Remedial action: If the problem persists, contact Alcatel-Lucent customer support.		

Table 26-316 IK8302437 - Generic WSMAN Critical trap

Alarm	Attributes	Applicable major releases
Name: IK8302437 (6709) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGmngElement	Severity: critical Specific problem: Generic WSMAN Critical trap (1481) Implicitly cleared: false Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> LR14.3.MG
Description: WSMAN Critical trap\nReason: cpqRackCriticalWSMANTrap		
Remedial action: If the problem persists, contact Alcatel-Lucent customer support.		

Table 26-317 IK8302439 - Standby Recovery Server Interconnect Failure

Alarm	Attributes	Applicable major releases
Name: IK8302439 (6710) Type: communicationsAlarm (4) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: Standby Recovery Server Interconnect Failure (1482) Implicitly cleared: false Default probable cause: communicationsSubsystemFailure (915)	<ul style="list-style-type: none"> LR14.3.MG
Description: Recovery Server serial interconnect failure. The Standby Recovery Agent reports that the local serial interconnect is not connected or has failed. The primary server is being shutdown in anticipation of the startup of the standby server.\nAlarm to be cleared by the operator at the management system.\nReason: cpqRsStandbyCableFailure		
Remedial action: If the problem persists, contact Alcatel-Lucent customer support.		

Table 26-318 IK8302559 - Critical Alarm

Alarm	Attributes	Applicable major releases
Name: IK8302559 (6711) Type: equipmentAlarm (3) Package: Img Raised on class: Img.LMGmngElement	Severity: critical Specific problem: Critical Alarm (1483) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> LR14.3.MG
Description: A critical alarm has occurred.\nAlarm is cleared by the system.\nReason: cpqPMTrapCritical		
Remedial action: Check the Trap Details for more information.		

Table 26-319 IK8302609 - Monitor Condition Failed

Alarm	Attributes	Applicable major releases
Name: IK8302609 (6712) Type: processingErrorAlarm (81) Package: Img Raised on class: Img.LMGmngElement	Severity: major Specific problem: Monitor Condition Failed (1484) Implicitly cleared: false Default probable cause: applicationSubsystemFailure (689)	<ul style="list-style-type: none"> LR14.3.MG
Description: A fault reporting feature has exceeded normal limits in the monitor indicated by the cpqSiMonitorIndex. The monitor's condition has been set to failed due to an operational feature exceeding normal operating limits. The monitor will not be useable and should be replaced.\nAlarm to be cleared by the operator at the management system.\nReason: cpqSiMonitorConditionFailed		
Remedial action: Make a note of the monitor model number and serial number. Replace the monitor. Refer to the appropriate Maintenance and Service Guide for detailed information on a component replacement.		

Table 26-320 IK8302610 - Excessive Correctable Memory Errors

Alarm	Attributes	Applicable major releases
Name: IK8302610 (6713) Type: processingErrorAlarm (81) Package: Img Raised on class: Img.LMGmngElement	Severity: major Specific problem: Excessive Correctable Memory Errors (1485) Implicitly cleared: false Default probable cause: memoryMismatch (680)	<ul style="list-style-type: none"> LR14.3.MG
Description: Correctable memory error count has exceeded the threshold for the memory module indicated by the 'cpqSiMemErrorIndex' variable. The appropriate cpqSiMemModuleECCStatus has been set to degraded.\nAlarm to be cleared by the operator at the management system.\nReason: cpqSiCorrMemErrStatusDegraded		
Remedial action: For Desktops, the System Administrator should run the F10 Diagnostics on this system and select RAM LONG TEST. If it is determined that a module needs replacing, schedule maintenance for the system and replace the failed memory module. Refer to the appropriate Maintenance and Service Guide for detailed information on a component replacement.		

Table 26-321 IK8302615 - Hot Plug Slot Board Failed

Alarm	Attributes	Applicable major releases
Name: IK8302615 (6714) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: Hot Plug Slot Board Failed (1486) Implicitly cleared: false Default probable cause: powerProblem (911)	<ul style="list-style-type: none"> LR14.3.MG
Description: Hot Plug Slot Board Failed Power-Up. A Hot Plug Slot Board has failed to power-up in the specified chassis and slot.\nAlarm to be cleared by the operator at the management system.\nReason: cpqSiHotPlugSlotPowerUpFailed		
Remedial action: Insure the board and all cables are installed correctly and the board type and revision are the same as the replaced board.		

Table 26-322 IK8302616 - Battery Failure

Alarm	Attributes	Applicable major releases
Name: IK8302616 (6715) Type: environmentalAlarm (2) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: Battery Failure (235) Implicitly cleared: false Default probable cause: batteryFailure (649)	<ul style="list-style-type: none"> LR14.3.MG
Description: The battery indicated by cpqSiSysBatteryIndex has failed and must be replaced.\nAlarm to be cleared by the operator at the management system.\nReason: cpqSiSysBatteryFailure		
Remedial action: Contact your System Administrator or Authorized Reseller to order a replacement battery. Recycle your old battery. For proper disposal information, refer to the documentation that came with your computer.		

Table 26-323 IK8302617 - Battery Charging Degradation

Alarm	Attributes	Applicable major releases
Name: IK8302617 (6716) Type: environmentalAlarm (2) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: Battery Charging Degradation (1487) Implicitly cleared: false Default probable cause: lowBatteryThreshold (656)	<ul style="list-style-type: none"> LR14.3.MG
Description: Significant battery degradation has occurred with battery indicated by cpqSiSysBatteryIndex. The battery can no longer be fully recharged.\nAlarm to be cleared by the operator at the management system.\nReason: cpqSiSysBatteryChargingDegraded		
Remedial action: If using multiple batteries, run the Power Conservation Utility to identify the battery location. Contact your System Administrator or Authorized Reseller to order a replacement battery.		

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Table 26-324 IK8302620 - Server Power Outage

Alarm	Attributes	Applicable major releases
Name: IK8302620 (6717) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: Server Power Outage (1488) Implicitly cleared: false Default probable cause: powerProblem (911)	<ul style="list-style-type: none"> LR14.3.MG
Description: Server Power Outage. The Remote Insight/ Integrated Lights-Out firmware has detected server power failure.\nAlarm to be cleared by the operator at the management system.\nReason: cpqSm2ServerPowerOutage		
Remedial action: Check the server's power source.		

Table 26-325 IK8302622 - Remote Insight Battery Failed

Alarm	Attributes	Applicable major releases
Name: IK8302622 (6718) Type: environmentalAlarm (2) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: Remote Insight Battery Failed (1489) Implicitly cleared: false Default probable cause: batteryFailure (649)	<ul style="list-style-type: none"> LR14.3.MG
Description: Remote Insight Battery Failed. The Remote Insight battery has failed and needs to be replaced.\nAlarm to be cleared by the operator at the management system.\nReason: cpqSm2BatteryFailed		
Remedial action: replace the failing Remote Insight battery.		

Table 26-326 IK8302628 - Remote Insight external power cable disconnected

Alarm	Attributes	Applicable major releases
Name: IK8302628 (6719) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: Remote Insight external power cable disconnected (1490) Implicitly cleared: false Default probable cause: powerProblem (911)	<ul style="list-style-type: none"> LR14.3.MG
Description: External Power Cable Disconnected. The Remote Insight external power cable has been disconnected.\nAlarm to be cleared by the operator at the management system.\nReason: cpqSm2ExternalPowerCableDisconnected		
Remedial action: check External Power Cable		

Table 26-327 IK8302632 - Server Fatal Error Detected

Alarm	Attributes	Applicable major releases
Name: IK8302632 (6720) Type: processingErrorAlarm (81) Package: lmg Raised on class: lmg.LMGmngElement	Severity: critical Specific problem: Server Fatal Error Detected (1491) Implicitly cleared: false Default probable cause: softwareError (718)	<ul style="list-style-type: none"> LR14.3.MG
Description: Server Fatal Error Detected. The Remote Insight/ Integrated Lights-Out firmware has detected a server fatal error.\nAlarm to be cleared by the operator at the management system.\nReason: cpqSm2ServerFatalError		
Remedial action: If the problem persists, contact Alcatel-Lucent customer support.		

Table 26-328 IK8302633 - The iLO NIC Link is Down

Alarm	Attributes	Applicable major releases
Name: IK8302633 (6721) Type: communicationsAlarm (4) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: The iLO NIC Link is Down (1492) Implicitly cleared: true Default probable cause: communicationsSubsystemFailure (915)	<ul style="list-style-type: none"> LR14.3.MG
Description: The iLO NIC Link is Down. The Remote Insight/ Integrated Lights-Out firmware has detected the loss of network link.\nAlarm is cleared by the system.\nReason: cpqSm2NicLinkDown		
Remedial action: Check the network connections for the iLO.		

Table 26-329 IK8302648 - PC Card Thermal Failure Status

Alarm	Attributes	Applicable major releases
Name: IK8302648 (6722) Type: qualityOfServiceAlarm (82) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: PC Card Thermal Failure Status (1493) Implicitly cleared: false Default probable cause: performanceDegraded (710)	<ul style="list-style-type: none"> LR14.3.MG
Description: This alarm is sent when the PC Card Slot Thermal Sensor threshold has been exceeded for degraded operations thereby causing failed operations. This alarm will be sent when cpqSePCCardStatus transitions from Thermal Degraded (2) to Thermal Failure (3). The manufacturer and product information strings as well as the slot number for the failed PC Card is provided as parameters for this trap.\nAlarm to be cleared by the operator at the management system.\nReason: cpqSePCCardThermalFailure		
Remedial action: If the problem persists, contact Alcatel-Lucent customer support.		

Table 26-330 IK8302657 - Storage System Temperature Failure

Alarm	Attributes	Applicable major releases
Name: IK8302657 (6723) Type: environmentalAlarm (2) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: Storage System Temperature Failure (1494) Implicitly cleared: false Default probable cause: temperatureUnacceptable (721)	<ul style="list-style-type: none"> LR14.3.MG
Description: Storage System temperature failure. The agent has detected that a temperature status has been set to failed. The storage system will be shutdown.\nAlarm to be cleared by the operator at the management system.\nReason: cpqSsTempFailed		
Remedial action: If the problem persists, contact Alcatel-Lucent customer support.		

Table 26-331 IK8304762 - linkDown

Alarm	Attributes	Applicable major releases
Name: IK8304762 (6724) Type: communicationsAlarm (4) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: linkDown (1495) Implicitly cleared: true Default probable cause: communicationsSubsystemFailure (915)	<ul style="list-style-type: none"> LR14.3.MG
Description: A linkDown alarm signifies that the SNMP entity, acting in an agent role, has detected that the ifOperStatus object for one of its communication links is about to enter the down state from some other state (but not from the notPresent state). This other state is indicated by the included value of ifOperStatus.\nAlarm is cleared by the system.\nReason: linkDown		
Remedial action: If the problem persists, contact Alcatel-Lucent customer support.		

Table 26-332 IK8350982 - Cluster Node Failed

Alarm	Attributes	Applicable major releases
Name: IK8350982 (6725) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: Cluster Node Failed (1428) Implicitly cleared: false Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> LR14.3.MG
Description: This alarm will be sent any time the condition of a node in the cluster becomes failed.\nAlarm to be cleared by the operator at the management system.\nReason: cpqClusterNodeFailed		
Remedial action: Make a note of the cluster node name then check the node for the cause of the failure.		

Table 26-333 IK8350984 - Cluster Resource Failed

Alarm	Attributes	Applicable major releases
Name: IK8350984 (6726) Type: processingErrorAlarm (81) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: Cluster Resource Failed (1429) Implicitly cleared: false Default probable cause: underlyingResourceUnavailable (724)	<ul style="list-style-type: none"> LR14.3.MG
Description: This alarm will be sent any time the condition of a cluster resource becomes failed. Alarm to be cleared by the operator at the management system. Reason: cpqClusterResourceFailed		
Remedial action: Make a note of the cluster resource name then check the resource for the cause of the failure.		

Table 26-334 IK8350986 - Cluster Network Failed

Alarm	Attributes	Applicable major releases
Name: IK8350986 (6727) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: Cluster Network Failed (1430) Implicitly cleared: false Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> LR14.3.MG
Description: This alarm will be sent any time the condition of a cluster network becomes failed. Alarm to be cleared by the operator at the management system. Reason: cpqClusterNetworkFailed		
Remedial action: Make a note of the cluster network name then check the network for the cause of the failure.		

Table 26-335 IK8351008 - The primary controller in the subsystem has failed

Alarm	Attributes	Applicable major releases
Name: IK8351008 (6728) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: The primary controller in the subsystem has failed (1431) Implicitly cleared: false Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> LR14.3.MG
Description: The primary controller in the subsystem has failed. Details: The primary Controller has failed. Alarm to be cleared by the operator at the management system. Reason: cpqCrController1FailureTrap		
Remedial action: Replace controller. Possible causes are controller physically removed, actual hardware failure.		

Table 26-336 IK8351010 - The secondary controller in the subsystem has failed

Alarm	Attributes	Applicable major releases
Name: IK8351010 (6729) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: The secondary controller in the subsystem has failed (1432) Implicitly cleared: false Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> LR14.3.MG
Description: The secondary controller in the subsystem has failed. Details: The secondary controller has failed.\nAlarm to be cleared by the operator at the management system.\nReason: cpqCrController2FailureTrap		
Remedial action: Replace controller. Possible causes are controller physically removed, actual hardware failure.		

Table 26-337 IK8351013 - A RAIDset has failed

Alarm	Attributes	Applicable major releases
Name: IK8351013 (6730) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: A RAIDset has failed (1433) Implicitly cleared: false Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> LR14.3.MG
Description: A RAIDset has failed. Details: The RAIDset has failed and is off-line.\nAlarm to be cleared by the operator at the management system.\nReason: cpqCrLogDriveFailureTrap		
Remedial action: Possible cause is too many failed disk drives that make up the RAIDset, the OS can no longer communicate with the RAIDset for other reasons.		

Table 26-338 IK8351018 - A disk drive has failed

Alarm	Attributes	Applicable major releases
Name: IK8351018 (6731) Type: processingErrorAlarm (81) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: A disk drive has failed (1434) Implicitly cleared: true Default probable cause: storageCapacityProblem (679)	<ul style="list-style-type: none"> LR14.3.MG
Description: A disk drive has failed. Details: A disk device has failed.\nAlarm is cleared by the system.\nReason: cpqCrDiskFailureTrap		
Remedial action: Replace the disk device.		

Table 26-339 IK8351023 - A disk drive has failed

Alarm	Attributes	Applicable major releases
Name: IK8351023 (6732) Type: processingErrorAlarm (81) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: A disk drive has failed (1434) Implicitly cleared: false Default probable cause: storageCapacityProblem (679)	<ul style="list-style-type: none"> LR14.3.MG
Description: A disk drive has failed. Details: A disk device has failed.\nAlarm to be cleared by the operator at the management system.\nReason: cpqCrPhyDiskFailureTrap		
Remedial action: Replace the disk device.		

Table 26-340 IK8351030 - Power supply has failed

Alarm	Attributes	Applicable major releases
Name: IK8351030 (6733) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: Power supply has failed (1435) Implicitly cleared: true Default probable cause: powerProblem (911)	<ul style="list-style-type: none"> LR14.3.MG
Description: Power supply has failed. Details: One of the power supplies in the primary enclosure has failed.\nAlarm is cleared by the system.\nReason: cpqCrEMUPowerSupplyFailureTrap		
Remedial action: Replace the power supply. Possible causes are power supply physically removed, power cord unplugged, actual hardware failure.		

Table 26-341 IK8351033 - Primary enclosure temperature critical!

Alarm	Attributes	Applicable major releases
Name: IK8351033 (6734) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGmngElement	Severity: critical Specific problem: Primary enclosure temperature critical! (1436) Implicitly cleared: false Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> LR14.3.MG
Description: Primary enclosure temperature critical!. Details: The temperature in the primary enclosure has triggered a critical condition detected by the controller.\nAlarm to be cleared by the operator at the management system.\nReason: cpqCrEMUTemperatureCriticalTrap		
Remedial action: Check the cooling fans in the primary enclosure.		

Table 26-342 IK8351037 - Power supply has failed

Alarm	Attributes	Applicable major releases
Name: IK8351037 (6735) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: Power supply has failed (1435) Implicitly cleared: true Default probable cause: powerProblem (911)	<ul style="list-style-type: none"> LR14.3.MG
Description: Power supply has failed. Details: One of the power supplies in the expansion cabinet has failed.\nAlarm is cleared by the system.\nReason: cpqCrExpCabPowerSupplyFailureTrap		
Remedial action: Replace the power supply. Possible causes are power supply physically removed, power cord unplugged, actual hardware failure.		

Table 26-343 IK8351040 - cpqCrExpCabTemperatureCriticalTrap

Alarm	Attributes	Applicable major releases
Name: IK8351040 (6736) Type: environmentalAlarm (2) Package: lmg Raised on class: lmg.LMGmngElement	Severity: critical Specific problem: cpqCrExpCabTemperatureCriticalTrap (1437) Implicitly cleared: false Default probable cause: temperatureUnacceptable (721)	<ul style="list-style-type: none"> LR14.3.MG
Description: Expansion cabinet temperature critical! Details: The temperature in the expansion cabinet has triggered a critical condition detected by the controller.\nAlarm to be cleared by the operator at the management system.\nReason: cpqCrExpCabTemperatureCriticalTrap		
Remedial action: Check the cooling fans in the expansion cabinet.		

Table 26-344 IK8351060 - External Array Accelerator Board Battery Failed

Alarm	Attributes	Applicable major releases
Name: IK8351060 (6737) Type: environmentalAlarm (2) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: External Array Accelerator Board Battery Failed (1438) Implicitly cleared: false Default probable cause: batteryFailure (649)	<ul style="list-style-type: none"> LR14.3.MG
Description: External Array Accelerator Board Battery Failed. This alarm signifies that the agent has detected a battery failure associated with the Array Accelerator Cache Board.\nAlarm to be cleared by the operator at the management system.\nReason: cpqFcaAccelBatteryFailed		
Remedial action: Replace the Accelerator Cache Board.		

Table 26-345 IK8351073 - External Array Accelerator Board Battery Failed

Alarm	Attributes	Applicable major releases
Name: IK8351073 (6738) Type: environmentalAlarm (2) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: External Array Accelerator Board Battery Failed (1438) Implicitly cleared: false Default probable cause: batteryFailure (649)	<ul style="list-style-type: none"> LR14.3.MG
Description: External Array Accelerator Board Battery Failed. This alarm signifies that the agent has detected a battery failure associated with the Array Accelerator Cache Board.\nAlarm to be cleared by the operator at the management system.\nReason: cpqFca2AccelBatteryFailed		
Remedial action: Replace the Accelerator Cache Board.		

Table 26-346 IK8351098 - POST Errors Occurred

Alarm	Attributes	Applicable major releases
Name: IK8351098 (6739) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: POST Errors Occurred (1439) Implicitly cleared: false Default probable cause: powerProblem (911)	<ul style="list-style-type: none"> LR14.3.MG
Description: One or more POST errors occurred. Power On Self-Test (POST) errors occur during the server restart process.\nAlarm to be cleared by the operator at the management system.\nReason: cpqHePostError		
Remedial action: Refer to the Integrated Management Log for details on the POST error.		

Table 26-347 IK8351102 - Thermal Failure

Alarm	Attributes	Applicable major releases
Name: IK8351102 (6740) Type: environmentalAlarm (2) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: Thermal Failure (1440) Implicitly cleared: false Default probable cause: temperatureUnacceptable (721)	<ul style="list-style-type: none"> LR14.3.MG
Description: The temperature status has been set to failed. The system will be shutdown due to this thermal condition.\nAlarm to be cleared by the operator at the management system.\nReason: cpqHe3ThermalTempFailed		
Remedial action: Check the system for hardware failures and verify the environment is properly cooled.		

Table 26-348 IK8351105 - System Fan Failure

Alarm	Attributes	Applicable major releases
Name: IK8351105 (6741) Type: environmentalAlarm (2) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: System Fan Failure (1441) Implicitly cleared: true Default probable cause: coolingFanFailure (651)	<ul style="list-style-type: none"> LR14.3.MG
Description: The system fan status has been set to failed. A required system fan is not operating normally. The system will be shutdown if the cpqHeThermalDegradedAction variable is set to shutdown(3).\nAlarm is cleared by the system.\nReason: cpqHe3ThermalSystemFanFailed		
Remedial action: Replace the failed fan.		

Table 26-349 IK8351112 - POST Errors Occurred

Alarm	Attributes	Applicable major releases
Name: IK8351112 (6742) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: POST Errors Occurred (1439) Implicitly cleared: false Default probable cause: powerProblem (911)	<ul style="list-style-type: none"> LR14.3.MG
Description: One or more POST errors occurred. Power On Self-Test (POST) errors occur during the server restart process. Details of the POST error messages can be found in Integrated Management Log\nAlarm to be cleared by the operator at the management system.\nReason: cpqHe3PostError		
Remedial action: Refer to the Integrated Management Log for details on the POST error.		

Table 26-350 IK8351116 - Power Supply Failed

Alarm	Attributes	Applicable major releases
Name: IK8351116 (6743) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: Power Supply Failed (1442) Implicitly cleared: true Default probable cause: powerProblem (911)	<ul style="list-style-type: none"> LR14.3.MG
Description: The fault tolerant power supply condition has been set to failed for the specified chassis and bay location.\nAlarm is cleared by the system.\nReason: cpqHe3FitToIPowerSupplyFailed		
Remedial action: If the problem persists, contact Alcatel-Lucent customer support.		

Table 26-351 IK8351121 - Fan Failed

Alarm	Attributes	Applicable major releases
Name: IK8351121 (6744) Type: environmentalAlarm (2) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: Fan Failed (1443) Implicitly cleared: true Default probable cause: coolingFanFailure (651)	<ul style="list-style-type: none"> LR14.3.MG
Description: The Fault Tolerant Fan condition has been set to failed for the specified chassis and fan.\nAlarm is cleared by the system.\nReason: cpqHe3FitToIFanFailed		
Remedial action: Replace the failed fan.		

Table 26-352 IK8351125 - Thermal Failure

Alarm	Attributes	Applicable major releases
Name: IK8351125 (6745) Type: environmentalAlarm (2) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: Thermal Failure (1440) Implicitly cleared: false Default probable cause: temperatureUnacceptable (721)	<ul style="list-style-type: none"> LR14.3.MG
Description: The temperature status has been set to failed in the specified chassis and location. The system will be shutdown due to this condition.\nAlarm to be cleared by the operator at the management system.\nReason: cpqHe3TemperatureFailed		
Remedial action: Check the system for hardware failures and verify the environment is properly cooled.		

Table 26-353 IK8351129 - Power Converter Failed

Alarm	Attributes	Applicable major releases
Name: IK8351129 (6746) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: Power Converter Failed (1444) Implicitly cleared: false Default probable cause: powerProblem (911)	<ul style="list-style-type: none"> LR14.3.MG
Description: The DC-DC Power Converter condition has been set to failed for the specified chassis, slot and socket.\nAlarm to be cleared by the operator at the management system.\nReason: cpqHe3PowerConverterFailed		
Remedial action: Replace the failed power converter.		

Table 26-354 IK8351135 - Power Supply Failed

Alarm	Attributes	Applicable major releases
Name: IK8351135 (6747) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: Power Supply Failed (1442) Implicitly cleared: true Default probable cause: powerProblem (911)	<ul style="list-style-type: none"> LR14.3.MG
Description: The fault tolerant power supply condition has been set to failed for the specified chassis and bay location.\nAlarm is cleared by the system.\nReason: cpqHe4FitToIPowerSupplyFailed		
Remedial action: Replace the failed power supply.		

Table 26-355 IK8351144 - Memory Board or Cartridge Bus Error Detected

Alarm	Attributes	Applicable major releases
Name: IK8351144 (6748) Type: processingErrorAlarm (81) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: Memory Board or Cartridge Bus Error Detected (1445) Implicitly cleared: false Default probable cause: memoryMismatch (680)	<ul style="list-style-type: none"> LR14.3.MG
Description: Memory board or cartridge bus error detected. An Advanced Memory Protection sub-system board or cartridge bus error has been detected.\nAlarm to be cleared by the operator at the management system.\nReason: cpqHeResMemBoardBusError		
Remedial action: Replace the indicated board or cartridge.		

Table 26-356 IK8351148 - Management processor failed reset

Alarm	Attributes	Applicable major releases
Name: IK8351148 (6749) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: Management processor failed reset (1446) Implicitly cleared: false Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> LR14.3.MG
Description: The Management processor failed reset The management processor was not successfully reset and is not operational.\nAlarm to be cleared by the operator at the management system.\nReason: cpqHeManagementProcFailedReset		
Remedial action: Reset the management procesessor again or re-flash the management processor firmware.		

Table 26-357 IK8351152 - Memory Board or Cartridge or Riser Bus Error Detected

Alarm	Attributes	Applicable major releases
Name: IK8351152 (6750) Type: processingErrorAlarm (81) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: Memory Board or Cartridge or Riser Bus Error Detected (1447) Implicitly cleared: false Default probable cause: memoryMismatch (680)	<ul style="list-style-type: none"> LR14.3.MG
Description: Memory board or cartridge or Riser bus error detected. An Advanced Memory Protection sub-system board or cartridge or Riser bus error has been detected. Value 0 for CPU means memory is not processor based. Alarm to be cleared by the operator at the management system. Reason: cpqHe5ResMemBoardBusError		
Remedial action: Replace the indicated board or cartridge or Riser.		

Table 26-358 IK8351154 - Power Supply AC Power Loss

Alarm	Attributes	Applicable major releases
Name: IK8351154 (6751) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: Power Supply AC Power Loss (1448) Implicitly cleared: false Default probable cause: powerProblem (911)	<ul style="list-style-type: none"> LR14.3.MG
Description: The fault tolerant power supply AC power loss for the specified chassis and bay location. Alarm to be cleared by the operator at the management system. Reason: cpqHe4FitToIPowerSupplyACpowerloss		
Remedial action: Check the power source for the specified power supply.		

Table 26-359 IK8351156 - Application Error Trap

Alarm	Attributes	Applicable major releases
Name: IK8351156 (6752) Type: processingErrorAlarm (81) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: Application Error Trap (1449) Implicitly cleared: false Default probable cause: applicationSubsystemFailure (689)	<ul style="list-style-type: none"> LR14.3.MG
Description: An application has generated an exception. Specific error information is contained in the variable cpqHoSwPerfAppErrorDesc. Alarm to be cleared by the operator at the management system. Reason: cpqHoAppErrorTrap		
Remedial action: If the problem persists, contact Alcatel-Lucent customer support.		

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Table 26-360 IK8351158 - Application Error Trap

Alarm	Attributes	Applicable major releases
Name: IK8351158 (6753) Type: processingErrorAlarm (81) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: Application Error Trap (1449) Implicitly cleared: false Default probable cause: applicationSubsystemFailure (689)	<ul style="list-style-type: none"> LR14.3.MG
Description: An application has generated an exception. Specific error information is contained in the variable cpqHoSwPerfAppErrorDesc.\nAlarm to be cleared by the operator at the management system.\nReason: cpqHo2AppErrorTrap		
Remedial action: If the problem persists, contact Alcatel-Lucent customer support.		

Table 26-361 IK8351163 - Status Trap

Alarm	Attributes	Applicable major releases
Name: IK8351163 (6754) Type: communicationsAlarm (4) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: Status Trap (1450) Implicitly cleared: true Default probable cause: communicationsSubsystemFailure (915)	<ul style="list-style-type: none"> LR14.3.MG
Description: This alarm will be sent any time the status of a NIC changes to the Failed condition.\nAlarm is cleared by the system.\nReason: cpqHo2NicStatusFailed2		
Remedial action: Check the network cables. Replace the failed NIC.		

Table 26-362 IK8351172 - Power Threshold Exceeded

Alarm	Attributes	Applicable major releases
Name: IK8351172 (6755) Type: qualityOfServiceAlarm (82) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: Power Threshold Exceeded (1451) Implicitly cleared: false Default probable cause: resourceAtOrNearingCapacity (715)	<ul style="list-style-type: none"> LR14.3.MG
Description: This alarm notifies user of a power threshold breach. Power threshold exceeded.\nAlarm to be cleared by the operator at the management system.\nReason: cpqHo2PowerThresholdTrap		
Remedial action: If the problem persists, contact Alcatel-Lucent customer support.		

Table 26-363 IK8352265 - Accelerator Board Battery Failed

Alarm	Attributes	Applicable major releases
Name: IK8352265 (6756) Type: environmentalAlarm (2) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: Accelerator Board Battery Failed (1452) Implicitly cleared: false Default probable cause: batteryFailure (649)	<ul style="list-style-type: none"> LR14.3.MG
Description: Accelerator Board Battery Failed. This alarm signifies that the agent has detected a battery failure associated with the array accelerator cache board. The current battery status is indicated by the cpqDaAccelBattery variable. \nAlarm to be cleared by the operator at the management system. \nReason: cpqDaAccelBatteryFailed		
Remedial action: check the Accelerator Board Battery		

Table 26-364 IK8352272 - Accelerator Board Battery Failed

Alarm	Attributes	Applicable major releases
Name: IK8352272 (6757) Type: environmentalAlarm (2) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: Accelerator Board Battery Failed (1452) Implicitly cleared: false Default probable cause: batteryFailure (649)	<ul style="list-style-type: none"> LR14.3.MG
Description: Accelerator Board Battery Failed. This alarm signifies that the agent has detected a battery failure associated with the array accelerator cache board. The current battery status is indicated by the cpqDaAccelBattery variable. \nAlarm to be cleared by the operator at the management system. \nReason: cpqDa2AccelBatteryFailed		
Remedial action: check the Accelerator Board Battery		

Table 26-365 IK8352279 - Accelerator Board Battery Failed

Alarm	Attributes	Applicable major releases
Name: IK8352279 (6758) Type: environmentalAlarm (2) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: Accelerator Board Battery Failed (1452) Implicitly cleared: false Default probable cause: batteryFailure (649)	<ul style="list-style-type: none"> LR14.3.MG
Description: Accelerator Board Battery Failed. This alarm signifies that the agent has detected a battery failure associated with the array accelerator cache board. The current battery status is indicated by the cpqDaAccelBattery variable. \nAlarm to be cleared by the operator at the management system. \nReason: cpqDa3AccelBatteryFailed		
Remedial action: check the Accelerator Board Battery		

Table 26-366 IK8352291 - Accelerator Board Bad Data

Alarm	Attributes	Applicable major releases
Name: IK8352291 (6759) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: Accelerator Board Bad Data (1453) Implicitly cleared: false Default probable cause: powerProblem (911)	<ul style="list-style-type: none"> LR14.3.MG
Description: Accelerator Board Bad Data. This alarm signifies that the agent has detected an array accelerator cache board that has lost battery power. If data was being stored in the accelerator cache memory when the server lost power, that data has been lost.\nAlarm to be cleared by the operator at the management system.\nReason: cpqDa5AccelBadDataTrap		
Remedial action: Verify that no data has been lost.		

Table 26-367 IK8352292 - Accelerator Board Battery Failed

Alarm	Attributes	Applicable major releases
Name: IK8352292 (6760) Type: environmentalAlarm (2) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: Accelerator Board Battery Failed (1452) Implicitly cleared: false Default probable cause: batteryFailure (649)	<ul style="list-style-type: none"> LR14.3.MG
Description: Accelerator Board Battery Failed. This alarm signifies that the agent has detected a battery failure associated with the array accelerator cache board.\nAlarm to be cleared by the operator at the management system.\nReason: cpqDa5AccelBatteryFailed		
Remedial action: Replace the Accelerator Cache Board.		

Table 26-368 IK8352295 - Physical Drive Threshold Passed

Alarm	Attributes	Applicable major releases
Name: IK8352295 (6761) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: Physical Drive Threshold Passed (1454) Implicitly cleared: false Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> LR14.3.MG
Description: Physical Drive Threshold Passed. This alarm signifies that the agent has detected a factory threshold associated with one of the physical drive objects on a drive array has been exceeded.\nAlarm to be cleared by the operator at the management system.\nReason: cpqDa5PhyDrvThreshPassedTrap		
Remedial action: Replace the physical drive.		

Table 26-369 IK8352302 - Physical Drive Threshold Passed

Alarm	Attributes	Applicable major releases
Name: IK8352302 (6762) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: Physical Drive Threshold Passed (1454) Implicitly cleared: false Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> LR14.3.MG
Description: Physical Drive Threshold Passed. This alarm signifies that the agent has detected a factory threshold associated with one of the physical drive objects on a drive array has been exceeded.\nAlarm to be cleared by the operator at the management system.\nReason: cpqDa6PhyDrvThreshPassedTrap		
Remedial action: Replace the physical drive.		

Table 26-370 IK8352337 - NIC Status Trap

Alarm	Attributes	Applicable major releases
Name: IK8352337 (6763) Type: communicationsAlarm (4) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: NIC Status Trap (1455) Implicitly cleared: true Default probable cause: communicationsSubsystemFailure (915)	<ul style="list-style-type: none"> LR14.3.MG
Description: This alarm will be sent any time the status of a logical adapter changes to the Failed condition. This occurs when the adapter in a single adapter configuration fails, or when the last adapter in a redundant configuration fails. This can be caused by loss of link due to a cable being removed from the adapter or the Hub or Switch. Internal adapter, Hub, or Switch failures can also cause this condition.\nAlarm is cleared by the system.\nReason: cpqNicConnectivityLost		
Remedial action: Check the cables to the adapter and the Hub or Switch. If no cable problems are found, the adapter, Hub, or Switch may need replacement.		

Table 26-371 IK8352341 - NIC Connectivity Lost Trap

Alarm	Attributes	Applicable major releases
Name: IK8352341 (6764) Type: communicationsAlarm (4) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: NIC Connectivity Lost Trap (1456) Implicitly cleared: true Default probable cause: communicationsSubsystemFailure (915)	<ul style="list-style-type: none"> LR14.3.MG
Description: This alarm will be sent any time the status of a logical adapter changes to the Failed condition. This occurs when the adapter in a single adapter configuration fails, or when the last adapter in a redundant configuration fails. This can be caused by loss of link due to a cable being removed from the adapter or the Hub or Switch. Internal adapter, Hub, or Switch failures can also cause this condition.\nAlarm is cleared by the system.\nReason: cpqNic2ConnectivityLost		
Remedial action: Check the cables to the adapter and the Hub or Switch. If no cable problems are found, the adapter, Hub, or Switch may need replacement.		

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Table 26-372 IK8352343 - NIC Redundancy Reduced Trap

Alarm	Attributes	Applicable major releases
Name: IK8352343 (6765) Type: communicationsAlarm (4) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: NIC Redundancy Reduced Trap (1457) Implicitly cleared: true Default probable cause: communicationsSubsystemFailure (915)	<ul style="list-style-type: none"> LR14.3.MG
Description: This alarm will be sent any time a physical adapter in a logical adapter group changes to the Failed condition, but at least one physical adapter remains in the OK condition.. This can be caused by loss of link due to a cable being removed from the adapter or the Hub or Switch. Internal adapter, Hub, or Switch failures can also cause this condition.\nAlarm is cleared by the system.\nReason: cpqNic2RedundancyReduced		
Remedial action: Check the cables to the adapter and the Hub or Switch. If no cable problems are found, the adapter, Hub, or Switch may need replacement.		

Table 26-373 IK8352347 - NIC Connectivity Lost Trap

Alarm	Attributes	Applicable major releases
Name: IK8352347 (6766) Type: communicationsAlarm (4) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: NIC Connectivity Lost Trap (1456) Implicitly cleared: false Default probable cause: communicationsSubsystemFailure (915)	<ul style="list-style-type: none"> LR14.3.MG
Description: This alarm will be sent any time the status of a logical adapter changes to the Failed condition. This occurs when the adapter in a single adapter configuration fails, or when the last adapter in a redundant configuration fails. This can be caused by loss of link due to a cable being removed from the adapter or the Hub or Switch. Internal adapter, Hub, or Switch failures can also cause this condition.\nAlarm to be cleared by the operator at the management system.\nReason: cpqNic3ConnectivityLost		
Remedial action: Check the cables to the adapter and the Hub or Switch. If no cable problems are found, the adapter, Hub, or Switch may need replacement.		

Table 26-374 IK8352349 - NIC Redundancy Reduced Trap

Alarm	Attributes	Applicable major releases
Name: IK8352349 (6767) Type: communicationsAlarm (4) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: NIC Redundancy Reduced Trap (1457) Implicitly cleared: true Default probable cause: communicationsSubsystemFailure (915)	<ul style="list-style-type: none"> LR14.3.MG
Description: This alarm will be sent any time a physical adapter in a logical adapter group changes to the Failed condition, but at least one physical adapter remains in the OK condition.. This can be caused by loss of link due to a cable being removed from the adapter or the Hub or Switch. Internal adapter, Hub, or Switch failures can also cause this condition.\nAlarm is cleared by the system.\nReason: cpqNic3RedundancyReduced		

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Alarm	Attributes	Applicable major releases
Remedial action: Check the cables to the adapter and the Hub or Switch. If no cable problems are found, the adapter, Hub, or Switch may need replacement.		

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Table 26-375 IK8352360 - Enclosure temperature failed

Alarm	Attributes	Applicable major releases
Name: IK8352360 (6768) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: Enclosure temperature failed (1458) Implicitly cleared: false Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> LR14.3.MG
Description: The enclosure temperature status has been set to failed. This alarm signifies that a enclosure temperature sensor has been tripped indicating an overheat condition.\nAlarm to be cleared by the operator at the management system.\nReason: cpqRackEnclosureTempFailed		
Remedial action: Shutdown the enclosure and possibly the rack as soon as possible. Ensure all fans are working properly and that air flow in the rack has not been blocked.		

Table 26-376 IK8352363 - Enclosure fan failed

Alarm	Attributes	Applicable major releases
Name: IK8352363 (6769) Type: environmentalAlarm (2) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: Enclosure fan failed (1459) Implicitly cleared: true Default probable cause: coolingFanFailure (651)	<ul style="list-style-type: none"> LR14.3.MG
Description: The enclosure fan status has been set to failed. This alarm signifies that an enclosure fan has failed and no other fans in the redundant fan group are operating. This may result in overheating of the enclosure.\nAlarm is cleared by the system.\nReason: cpqRackEnclosureFanFailed		
Remedial action: Replace the fan as soon as possible.		

Table 26-377 IK8352368 - Rack power supply failed

Alarm	Attributes	Applicable major releases
Name: IK8352368 (6770) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGmngElement	Severity: critical Specific problem: Rack power supply failed (1460) Implicitly cleared: true Default probable cause: powerProblem (911)	<ul style="list-style-type: none"> LR14.3.MG

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Alarm	Attributes	Applicable major releases
Description: The power supply status has been set to failed. This alarm signifies that a power supply has failed.\nAlarm is cleared by the system.\nReason: cpqRackPowerSupplyFailed		
Remedial action: Replace the power supply as soon as possible.		

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Table 26-378 IK8352369 - Rack power supply degraded

Alarm	Attributes	Applicable major releases
Name: IK8352369 (6771) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: Rack power supply degraded (1461) Implicitly cleared: false Default probable cause: powerProblem (911)	<ul style="list-style-type: none"> LR14.3.MG
Description: The power supply status has been set to degraded. This alarm signifies that a power supply has degraded.\nAlarm to be cleared by the operator at the management system.\nReason: cpqRackPowerSupplyDegraded		
Remedial action: Replace the power supply as soon as possible.		

Table 26-379 IK8352374 - Rack power supply input voltage problem

Alarm	Attributes	Applicable major releases
Name: IK8352374 (6772) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: Rack power supply input voltage problem (1462) Implicitly cleared: false Default probable cause: powerProblem (911)	<ul style="list-style-type: none"> LR14.3.MG
Description: The rack power supply detected an input line voltage problem.\nAlarm to be cleared by the operator at the management system.\nReason: cpqRackPowerSubsystemLineVoltageProblem		
Remedial action: Check the power input for the power supply or replace any failed power supplies as soon as possible.		

Table 26-380 IK8352375 - Rack power subsystem overload condition

Alarm	Attributes	Applicable major releases
Name: IK8352375 (6773) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: Rack power subsystem overload condition (1463) Implicitly cleared: false Default probable cause: powerProblem (911)	<ul style="list-style-type: none"> LR14.3.MG
Description: The rack power subsystem overload condition.\nAlarm to be cleared by the operator at the management system.\nReason: cpqRackPowerSubsystemOverloadCondition		

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Alarm	Attributes	Applicable major releases
Remedial action: Replace any failed power supplies as soon as possible to return the system to a redundant state.		

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Table 26-381 IK8352376 - Server shutdown due to power shedding

Alarm	Attributes	Applicable major releases
Name: IK8352376 (6774) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGmngElement	Severity: critical Specific problem: Server shutdown due to power shedding (1464) Implicitly cleared: false Default probable cause: powerProblem (911)	<ul style="list-style-type: none"> LR14.3.MG
Description: Server shutdown due to power shedding. The server blade was shutdown due to a lack of power. \nAlarm to be cleared by the operator at the management system. \nReason: cpqRackPowerShedAutoShutdown		
Remedial action: Check power connections or add power supplies.		

Table 26-382 IK8352377 - Server power on prevented to preserve redundancy

Alarm	Attributes	Applicable major releases
Name: IK8352377 (6775) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGmngElement	Severity: critical Specific problem: Server power on prevented to preserve redundancy (1465) Implicitly cleared: false Default probable cause: powerProblem (911)	<ul style="list-style-type: none"> LR14.3.MG
Description: Server power on prevented to preserve redundancy. There is not enough power to power on the server blade and maintain redundancy for the other blades in the enclosure. \nAlarm to be cleared by the operator at the management system. \nReason: cpqRackServerPowerOnFailedNotRedundant		
Remedial action: Check power connections or add power supplies.		

Table 26-383 IK8352378 - Inadequate power to power on

Alarm	Attributes	Applicable major releases
Name: IK8352378 (6776) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGmngElement	Severity: critical Specific problem: Inadequate power to power on (1466) Implicitly cleared: false Default probable cause: powerProblem (911)	<ul style="list-style-type: none"> LR14.3.MG
Description: Inadequate power to power on. There is not enough power to power on the server blade. \nAlarm to be cleared by the operator at the management system. \nReason: cpqRackServerPowerOnFailedNotEnoughPower		
Remedial action: Check power connections or add power supplies.		

Table 26-384 IK8352379 - Inadequate power to power on

Alarm	Attributes	Applicable major releases
Name: IK8352379 (6777) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGmngElement	Severity: critical Specific problem: Inadequate power to power on (1466) Implicitly cleared: false Default probable cause: powerProblem (911)	<ul style="list-style-type: none"> LR14.3.MG
Description: Inadequate power to power on. There is not enough power to power on the server blade. The server enclosure micro-controller was not found.\nAlarm to be cleared by the operator at the management system.\nReason: cpqRackServerPowerOnFailedEnclosureNotFound		
Remedial action: Check server enclosure connections or add power supplies.		

Table 26-385 IK8352380 - Inadequate power to power on

Alarm	Attributes	Applicable major releases
Name: IK8352380 (6778) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGmngElement	Severity: critical Specific problem: Inadequate power to power on (1466) Implicitly cleared: false Default probable cause: powerProblem (911)	<ul style="list-style-type: none"> LR14.3.MG
Description: Inadequate power to power on. There is not enough power to power on the server blade. The power enclosure micro-controller was not found.\nAlarm to be cleared by the operator at the management system.\nReason: cpqRackServerPowerOnFailedPowerChassisNotFound		
Remedial action: Check power enclosure connections or add power supplies.		

Table 26-386 IK8352382 - Fuse open

Alarm	Attributes	Applicable major releases
Name: IK8352382 (6779) Type: environmentalAlarm (2) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: Fuse open (1467) Implicitly cleared: false Default probable cause: enclosureDoorOpen (900)	<ul style="list-style-type: none"> LR14.3.MG
Description: Fuse open. The fuse has been tripped.\nAlarm to be cleared by the operator at the management system.\nReason: cpqRackFuseOpen		
Remedial action: Check enclosure and / or blade power connections and reset the fuse.		

Table 26-387 IK8352386 - Power subsystem DC power problem

Alarm	Attributes	Applicable major releases
Name: IK8352386 (6780) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: Power subsystem DC power problem (1468) Implicitly cleared: false Default probable cause: powerProblem (911)	<ul style="list-style-type: none"> LR14.3.MG
Description: Power subsystem DC power problem. There is a power subsystem DC power problem for this power enclosure.\nAlarm to be cleared by the operator at the management system.\nReason: cpqRackPowerChassisDcPowerProblem		
Remedial action: Check the power enclosure and power supplies. Replace any failed or degraded power supplies.		

Table 26-388 IK8352387 - Power subsystem AC facility input power exceeded

Alarm	Attributes	Applicable major releases
Name: IK8352387 (6781) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: Power subsystem AC facility input power exceeded (1469) Implicitly cleared: false Default probable cause: powerProblem (911)	<ul style="list-style-type: none"> LR14.3.MG
Description: Power subsystem AC facility input power exceeded. There is a power subsystem Power subsystem AC facility input power exceeded for this power enclosure.\nAlarm to be cleared by the operator at the management system.\nReason: cpqRackPowerChassisAcFacilityPowerExceeded		
Remedial action: Check the power enclosure and power supplies. Replace any failed or degraded power supplies.		

Table 26-389 IK8352388 - Unknown power consumption

Alarm	Attributes	Applicable major releases
Name: IK8352388 (6782) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: Unknown power consumption (1470) Implicitly cleared: false Default probable cause: powerProblem (911)	<ul style="list-style-type: none"> LR14.3.MG
Description: Unknown power consumption. There is an unknown power consumer drawing power.\nAlarm to be cleared by the operator at the management system.\nReason: cpqRackPowerUnknownPowerConsumption		
Remedial action: Check the power enclosure and power supplies. Replace any failed or degraded power supplies.		

Table 26-390 IK8352391 - Power subsystem improperly configured

Alarm	Attributes	Applicable major releases
Name: IK8352391 (6783) Type: processingErrorAlarm (81) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: Power subsystem improperly configured (1471) Implicitly cleared: false Default probable cause: configurationOrCustomizationError (902)	<ul style="list-style-type: none"> LR14.3.MG
Description: Power subsystem improperly configured. The power subsystem has been improperly configured. Alarm to be cleared by the operator at the management system. Reason: cpqRackPowerChassisConfigError		
Remedial action: Check the cabling of the power enclosure.		

Table 26-391 IK8352401 - Interconnect failed

Alarm	Attributes	Applicable major releases
Name: IK8352401 (6784) Type: communicationsAlarm (4) Package: lmg Raised on class: lmg.LMGmngElement	Severity: critical Specific problem: Interconnect failed (1472) Implicitly cleared: false Default probable cause: communicationsSubsystemFailure (915)	<ul style="list-style-type: none"> LR14.3.MG
Description: The interconnect status has been set to failed. This alarm signifies that an interconnect has failed. Alarm to be cleared by the operator at the management system. Reason: cpqRackNetConnectorFailed		
Remedial action: Replace the interconnect as soon as possible.		

Table 26-392 IK8352408 - Server blade health status degraded

Alarm	Attributes	Applicable major releases
Name: IK8352408 (6785) Type: qualityOfServiceAlarm (82) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: Server blade health status degraded (1473) Implicitly cleared: false Default probable cause: performanceDegraded (710)	<ul style="list-style-type: none"> LR14.3.MG
Description: Server blade health status Degraded. The server blade health status has changed to Degraded. Alarm to be cleared by the operator at the management system. Reason: cpqRackServerBladeStatusDegraded		
Remedial action: Check blade server and enclosure SYSLOG.		

Table 26-393 IK8352409 - Server blade health status critical

Alarm	Attributes	Applicable major releases
Name: IK8352409 (6786) Type: processingErrorAlarm (81) Package: lmg Raised on class: lmg.LMGmngElement	Severity: critical Specific problem: Server blade health status critical (1474) Implicitly cleared: false Default probable cause: applicationSubsystemFailure (689)	<ul style="list-style-type: none"> LR14.3.MG
Description: Server blade health status Critical. The server blade health status has changed to Critical.\nAlarm to be cleared by the operator at the management system.\nReason: cpqRackServerBladeStatusCritical		
Remedial action: Check blade server and enclosure SYSLOG.		

Table 26-394 IK8352411 - Server blade unexpected shutdown

Alarm	Attributes	Applicable major releases
Name: IK8352411 (6787) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: Server blade unexpected shutdown (1475) Implicitly cleared: false Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> LR14.3.MG
Description: An unexpected shutdown has occurred for this server blade.\nAlarm to be cleared by the operator at the management system.\nReason: cpqRackServerBladeUnexpectedShutdown		
Remedial action: Check blade server and enclosure SYSLOG.		

Table 26-395 IK8352428 - Generic EAE Major trap

Alarm	Attributes	Applicable major releases
Name: IK8352428 (6788) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: Generic EAE Major trap (1476) Implicitly cleared: false Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> LR14.3.MG
Description: EAE Major trap\nAlarm to be cleared by the operator at the management system.\nReason: cpqRackMajorEAETrap		
Remedial action: If the problem persists, contact Alcatel-Lucent customer support.		

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Table 26-396 IK8352429 - Generic EAE Critical trap

Alarm	Attributes	Applicable major releases
Name: IK8352429 (6789) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGmngElement	Severity: critical Specific problem: Generic EAE Critical trap (1477) Implicitly cleared: false Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> LR14.3.MG
Description: EAE Critical trap\nAlarm to be cleared by the operator at the management system.\nReason: cpqRackCriticalEAETrap		
Remedial action: If the problem persists, contact Alcatel-Lucent customer support.		

Table 26-397 IK8352431 - Generic Power Subsystem EAE Major trap

Alarm	Attributes	Applicable major releases
Name: IK8352431 (6790) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: Generic Power Subsystem EAE Major trap (1478) Implicitly cleared: false Default probable cause: powerProblem (911)	<ul style="list-style-type: none"> LR14.3.MG
Description: FlexFabric Cmdr Power Subsystem Major trap.\nAlarm to be cleared by the operator at the management system.\nReason: cpqRackPowerMajorEAETrap		
Remedial action: For FlexFabric Cmdr, please refer to product documentation for possible corrective actions.		

Table 26-398 IK8352432 - Generic Power Subsystem EAE Critical trap

Alarm	Attributes	Applicable major releases
Name: IK8352432 (6791) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGmngElement	Severity: critical Specific problem: Generic Power Subsystem EAE Critical trap (1479) Implicitly cleared: false Default probable cause: powerProblem (911)	<ul style="list-style-type: none"> LR14.3.MG
Description: FlexFabric Cmdr Power Subsystem Critical trap.\nAlarm to be cleared by the operator at the management system.\nReason: cpqRackPowerCriticalEAETrap		
Remedial action: For FlexFabric Cmdr, please refer to product documentation for possible corrective actions.		

Table 26-399 IK8352436 - Generic WSMAN Major trap

Alarm	Attributes	Applicable major releases
Name: IK8352436 (6792) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: Generic WSMAN Major trap (1480) Implicitly cleared: false Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> LR14.3.MG
Description: WSMAN Major trap\nReason: cpqRackMajorWSMANTrap		
Remedial action: If the problem persists, contact Alcatel-Lucent customer support.		

Table 26-400 IK8352437 - Generic WSMAN Critical trap

Alarm	Attributes	Applicable major releases
Name: IK8352437 (6793) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGmngElement	Severity: critical Specific problem: Generic WSMAN Critical trap (1481) Implicitly cleared: false Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> LR14.3.MG
Description: WSMAN Critical trap\nReason: cpqRackCriticalWSMANTrap		
Remedial action: If the problem persists, contact Alcatel-Lucent customer support.		

Table 26-401 IK8352439 - Standby Recovery Server Interconnect Failure

Alarm	Attributes	Applicable major releases
Name: IK8352439 (6794) Type: communicationsAlarm (4) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: Standby Recovery Server Interconnect Failure (1482) Implicitly cleared: false Default probable cause: communicationsSubsystemFailure (915)	<ul style="list-style-type: none"> LR14.3.MG
Description: Recovery Server serial interconnect failure. The Standby Recovery Agent reports that the local serial interconnect is not connected or has failed. The primary server is being shutdown in anticipation of the startup of the standby server.\nAlarm to be cleared by the operator at the management system.\nReason: cpqRsStandbyCableFailure		
Remedial action: If the problem persists, contact Alcatel-Lucent customer support.		

Table 26-402 IK8352559 - Critical Alarm

Alarm	Attributes	Applicable major releases
Name: IK8352559 (6795) Type: equipmentAlarm (3) Package: Img Raised on class: Img.LMGmngElement	Severity: critical Specific problem: Critical Alarm (1483) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> LR14.3.MG
Description: A critical alarm has occurred.\nAlarm is cleared by the system.\nReason: cpqPMTrapCritical		
Remedial action: Check the Trap Details for more information.		

Table 26-403 IK8352609 - Monitor Condition Failed

Alarm	Attributes	Applicable major releases
Name: IK8352609 (6796) Type: processingErrorAlarm (81) Package: Img Raised on class: Img.LMGmngElement	Severity: major Specific problem: Monitor Condition Failed (1484) Implicitly cleared: false Default probable cause: applicationSubsystemFailure (689)	<ul style="list-style-type: none"> LR14.3.MG
Description: A fault reporting feature has exceeded normal limits in the monitor indicated by the cpqSiMonitorIndex. The monitor's condition has been set to failed due to an operational feature exceeding normal operating limits. The monitor will not be useable and should be replaced.\nAlarm to be cleared by the operator at the management system.\nReason: cpqSiMonitorConditionFailed		
Remedial action: Make a note of the monitor model number and serial number. Replace the monitor. Refer to the appropriate Maintenance and Service Guide for detailed information on a component replacement.		

Table 26-404 IK8352610 - Excessive Correctable Memory Errors

Alarm	Attributes	Applicable major releases
Name: IK8352610 (6797) Type: processingErrorAlarm (81) Package: Img Raised on class: Img.LMGmngElement	Severity: major Specific problem: Excessive Correctable Memory Errors (1485) Implicitly cleared: false Default probable cause: memoryMismatch (680)	<ul style="list-style-type: none"> LR14.3.MG
Description: Correctable memory error count has exceeded the threshold for the memory module indicated by the 'cpqSiMemErrorIndex' variable. The appropriate cpqSiMemModuleECCStatus has been set to degraded.\nAlarm to be cleared by the operator at the management system.\nReason: cpqSiCorrMemErrStatusDegraded		
Remedial action: For Desktops, the System Administrator should run the F10 Diagnostics on this system and select RAM LONG TEST. If it is determined that a module needs replacing, schedule maintenance for the system and replace the failed memory module. Refer to the appropriate Maintenance and Service Guide for detailed information on a component replacement.		

Table 26-405 IK8352615 - Hot Plug Slot Board Failed

Alarm	Attributes	Applicable major releases
Name: IK8352615 (6798) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: Hot Plug Slot Board Failed (1486) Implicitly cleared: false Default probable cause: powerProblem (911)	<ul style="list-style-type: none"> LR14.3.MG
Description: Hot Plug Slot Board Failed Power-Up. A Hot Plug Slot Board has failed to power-up in the specified chassis and slot.\nAlarm to be cleared by the operator at the management system.\nReason: cpqSiHotPlugSlotPowerUpFailed		
Remedial action: Insure the board and all cables are installed correctly and the board type and revision are the same as the replaced board.		

Table 26-406 IK8352616 - Battery Failure

Alarm	Attributes	Applicable major releases
Name: IK8352616 (6799) Type: environmentalAlarm (2) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: Battery Failure (235) Implicitly cleared: false Default probable cause: batteryFailure (649)	<ul style="list-style-type: none"> LR14.3.MG
Description: The battery indicated by cpqSiSysBatteryIndex has failed and must be replaced.\nAlarm to be cleared by the operator at the management system.\nReason: cpqSiSysBatteryFailure		
Remedial action: Contact your System Administrator or Authorized Reseller to order a replacement battery. Recycle your old battery. For proper disposal information, refer to the documentation that came with your computer.		

Table 26-407 IK8352617 - Battery Charging Degradation

Alarm	Attributes	Applicable major releases
Name: IK8352617 (6800) Type: environmentalAlarm (2) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: Battery Charging Degradation (1487) Implicitly cleared: false Default probable cause: lowBatteryThreshold (656)	<ul style="list-style-type: none"> LR14.3.MG
Description: Significant battery degradation has occurred with battery indicated by cpqSiSysBatteryIndex. The battery can no longer be fully recharged.\nAlarm to be cleared by the operator at the management system.\nReason: cpqSiSysBatteryChargingDegraded		
Remedial action: If using multiple batteries, run the Power Conservation Utility to identify the battery location. Contact your System Administrator or Authorized Reseller to order a replacement battery.		

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Table 26-408 IK8352620 - Server Power Outage

Alarm	Attributes	Applicable major releases
Name: IK8352620 (6801) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: Server Power Outage (1488) Implicitly cleared: false Default probable cause: powerProblem (911)	<ul style="list-style-type: none"> LR14.3.MG
Description: Server Power Outage. The Remote Insight/ Integrated Lights-Out firmware has detected server power failure.\nAlarm to be cleared by the operator at the management system.\nReason: cpqSm2ServerPowerOutage		
Remedial action: Check the server's power source.		

Table 26-409 IK8352622 - Remote Insight Battery Failed

Alarm	Attributes	Applicable major releases
Name: IK8352622 (6802) Type: environmentalAlarm (2) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: Remote Insight Battery Failed (1489) Implicitly cleared: false Default probable cause: batteryFailure (649)	<ul style="list-style-type: none"> LR14.3.MG
Description: Remote Insight Battery Failed. The Remote Insight battery has failed and needs to be replaced.\nAlarm to be cleared by the operator at the management system.\nReason: cpqSm2BatteryFailed		
Remedial action: replace the failing Remote Insight battery.		

Table 26-410 IK8352628 - Remote Insight external power cable disconnected

Alarm	Attributes	Applicable major releases
Name: IK8352628 (6803) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: Remote Insight external power cable disconnected (1490) Implicitly cleared: false Default probable cause: powerProblem (911)	<ul style="list-style-type: none"> LR14.3.MG
Description: External Power Cable Disconnected. The Remote Insight external power cable has been disconnected.\nAlarm to be cleared by the operator at the management system.\nReason: cpqSm2ExternalPowerCableDisconnected		
Remedial action: check External Power Cable		

Table 26-411 IK8352632 - Server Fatal Error Detected

Alarm	Attributes	Applicable major releases
Name: IK8352632 (6804) Type: processingErrorAlarm (81) Package: lmg Raised on class: lmg.LMGmngElement	Severity: critical Specific problem: Server Fatal Error Detected (1491) Implicitly cleared: false Default probable cause: softwareError (718)	<ul style="list-style-type: none"> LR14.3.MG
Description: Server Fatal Error Detected. The Remote Insight/ Integrated Lights-Out firmware has detected a server fatal error.\nAlarm to be cleared by the operator at the management system.\nReason: cpqSm2ServerFatalError		
Remedial action: If the problem persists, contact Alcatel-Lucent customer support.		

Table 26-412 IK8352633 - The iLO NIC Link is Down

Alarm	Attributes	Applicable major releases
Name: IK8352633 (6805) Type: communicationsAlarm (4) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: The iLO NIC Link is Down (1492) Implicitly cleared: true Default probable cause: communicationsSubsystemFailure (915)	<ul style="list-style-type: none"> LR14.3.MG
Description: The iLO NIC Link is Down. The Remote Insight/ Integrated Lights-Out firmware has detected the loss of network link.\nAlarm is cleared by the system.\nReason: cpqSm2NicLinkDown		
Remedial action: Check the network connections for the iLO.		

Table 26-413 IK8352648 - PC Card Thermal Failure Status

Alarm	Attributes	Applicable major releases
Name: IK8352648 (6806) Type: qualityOfServiceAlarm (82) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: PC Card Thermal Failure Status (1493) Implicitly cleared: false Default probable cause: performanceDegraded (710)	<ul style="list-style-type: none"> LR14.3.MG
Description: This alarm is sent when the PC Card Slot Thermal Sensor threshold has been exceeded for degraded operations thereby causing failed operations. This alarm will be sent when cpqSePCCardStatus transitions from Thermal Degraded (2) to Thermal Failure (3). The manufacturer and product information strings as well as the slot number for the failed PC Card is provided as parameters for this trap.\nAlarm to be cleared by the operator at the management system.\nReason: cpqSePCCardThermalFailure		
Remedial action: If the problem persists, contact Alcatel-Lucent customer support.		

Table 26-414 IK8352657 - Storage System Temperature Failure

Alarm	Attributes	Applicable major releases
Name: IK8352657 (6807) Type: environmentalAlarm (2) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: Storage System Temperature Failure (1494) Implicitly cleared: false Default probable cause: temperatureUnacceptable (721)	<ul style="list-style-type: none"> LR14.3.MG
Description: Storage System temperature failure. The agent has detected that a temperature status has been set to failed. The storage system will be shutdown.\nAlarm to be cleared by the operator at the management system.\nReason: cpqSsTempFailed		
Remedial action: If the problem persists, contact Alcatel-Lucent customer support.		

Table 26-415 IK8354762 - linkDown

Alarm	Attributes	Applicable major releases
Name: IK8354762 (6808) Type: communicationsAlarm (4) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: linkDown (1495) Implicitly cleared: true Default probable cause: communicationsSubsystemFailure (915)	<ul style="list-style-type: none"> LR14.3.MG
Description: A linkDown alarm signifies that the SNMP entity, acting in an agent role, has detected that the ifOperStatus object for one of its communication links is about to enter the down state from some other state (but not from the notPresent state). This other state is indicated by the included value of ifOperStatus.\nAlarm is cleared by the system.\nReason: linkDown		
Remedial action: If the problem persists, contact Alcatel-Lucent customer support.		

Table 26-416 IK8400982 - Cluster Node Failed

Alarm	Attributes	Applicable major releases
Name: IK8400982 (6809) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: Cluster Node Failed (1428) Implicitly cleared: false Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> LR14.3.MG
Description: This alarm will be sent any time the condition of a node in the cluster becomes failed.\nAlarm to be cleared by the operator at the management system.\nReason: cpqClusterNodeFailed		
Remedial action: Make a note of the cluster node name then check the node for the cause of the failure.		

Table 26-417 IK8400984 - Cluster Resource Failed

Alarm	Attributes	Applicable major releases
Name: IK8400984 (6810) Type: processingErrorAlarm (81) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: Cluster Resource Failed (1429) Implicitly cleared: false Default probable cause: underlyingResourceUnavailable (724)	<ul style="list-style-type: none"> LR14.3.MG
Description: This alarm will be sent any time the condition of a cluster resource becomes failed. Alarm to be cleared by the operator at the management system. Reason: cpqClusterResourceFailed		
Remedial action: Make a note of the cluster resource name then check the resource for the cause of the failure.		

Table 26-418 IK8400986 - Cluster Network Failed

Alarm	Attributes	Applicable major releases
Name: IK8400986 (6811) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: Cluster Network Failed (1430) Implicitly cleared: false Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> LR14.3.MG
Description: This alarm will be sent any time the condition of a cluster network becomes failed. Alarm to be cleared by the operator at the management system. Reason: cpqClusterNetworkFailed		
Remedial action: Make a note of the cluster network name then check the network for the cause of the failure.		

Table 26-419 IK8401008 - The primary controller in the subsystem has failed

Alarm	Attributes	Applicable major releases
Name: IK8401008 (6812) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: The primary controller in the subsystem has failed (1431) Implicitly cleared: false Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> LR14.3.MG
Description: The primary controller in the subsystem has failed. Details: The primary Controller has failed. Alarm to be cleared by the operator at the management system. Reason: cpqCrController1FailureTrap		
Remedial action: Replace controller. Possible causes are controller physically removed, actual hardware failure.		

Table 26-420 IK8401010 - The secondary controller in the subsystem has failed

Alarm	Attributes	Applicable major releases
Name: IK8401010 (6813) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: The secondary controller in the subsystem has failed (1432) Implicitly cleared: false Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> LR14.3.MG
Description: The secondary controller in the subsystem has failed. Details: The secondary controller has failed.\nAlarm to be cleared by the operator at the management system.\nReason: cpqCrController2FailureTrap		
Remedial action: Replace controller. Possible causes are controller physically removed, actual hardware failure.		

Table 26-421 IK8401013 - A RAIDset has failed

Alarm	Attributes	Applicable major releases
Name: IK8401013 (6814) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: A RAIDset has failed (1433) Implicitly cleared: false Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> LR14.3.MG
Description: A RAIDset has failed. Details: The RAIDset has failed and is off-line.\nAlarm to be cleared by the operator at the management system.\nReason: cpqCrLogDriveFailureTrap		
Remedial action: Possible cause is too many failed disk drives that make up the RAIDset, the OS can no longer communicate with the RAIDset for other reasons.		

Table 26-422 IK8401018 - A disk drive has failed

Alarm	Attributes	Applicable major releases
Name: IK8401018 (6815) Type: processingErrorAlarm (81) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: A disk drive has failed (1434) Implicitly cleared: true Default probable cause: storageCapacityProblem (679)	<ul style="list-style-type: none"> LR14.3.MG
Description: A disk drive has failed. Details: A disk device has failed.\nAlarm is cleared by the system.\nReason: cpqCrDiskFailureTrap		
Remedial action: Replace the disk device.		

Table 26-423 IK8401023 - A disk drive has failed

Alarm	Attributes	Applicable major releases
Name: IK8401023 (6816) Type: processingErrorAlarm (81) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: A disk drive has failed (1434) Implicitly cleared: false Default probable cause: storageCapacityProblem (679)	<ul style="list-style-type: none"> LR14.3.MG
Description: A disk drive has failed. Details: A disk device has failed.\nAlarm to be cleared by the operator at the management system.\nReason: cpqCrPhyDiskFailureTrap		
Remedial action: Replace the disk device.		

Table 26-424 IK8401030 - Power supply has failed

Alarm	Attributes	Applicable major releases
Name: IK8401030 (6817) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: Power supply has failed (1435) Implicitly cleared: true Default probable cause: powerProblem (911)	<ul style="list-style-type: none"> LR14.3.MG
Description: Power supply has failed. Details: One of the power supplies in the primary enclosure has failed.\nAlarm is cleared by the system.\nReason: cpqCrEMUPowerSupplyFailureTrap		
Remedial action: Replace the power supply. Possible causes are power supply physically removed, power cord unplugged, actual hardware failure.		

Table 26-425 IK8401033 - Primary enclosure temperature critical!

Alarm	Attributes	Applicable major releases
Name: IK8401033 (6818) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGmngElement	Severity: critical Specific problem: Primary enclosure temperature critical! (1436) Implicitly cleared: false Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> LR14.3.MG
Description: Primary enclosure temperature critical!. Details: The temperature in the primary enclosure has triggered a critical condition detected by the controller.\nAlarm to be cleared by the operator at the management system.\nReason: cpqCrEMUTemperatureCriticalTrap		
Remedial action: Check the cooling fans in the primary enclosure.		

Table 26-426 IK8401037 - Power supply has failed

Alarm	Attributes	Applicable major releases
Name: IK8401037 (6819) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: Power supply has failed (1435) Implicitly cleared: true Default probable cause: powerProblem (911)	<ul style="list-style-type: none"> LR14.3.MG
Description: Power supply has failed. Details: One of the power supplies in the expansion cabinet has failed.\nAlarm is cleared by the system.\nReason: cpqCrExpCabPowerSupplyFailureTrap		
Remedial action: Replace the power supply. Possible causes are power supply physically removed, power cord unplugged, actual hardware failure.		

Table 26-427 IK8401040 - cpqCrExpCabTemperatureCriticalTrap

Alarm	Attributes	Applicable major releases
Name: IK8401040 (6820) Type: environmentalAlarm (2) Package: lmg Raised on class: lmg.LMGmngElement	Severity: critical Specific problem: cpqCrExpCabTemperatureCriticalTrap (1437) Implicitly cleared: false Default probable cause: temperatureUnacceptable (721)	<ul style="list-style-type: none"> LR14.3.MG
Description: Expansion cabinet temperature critical! Details: The temperature in the expansion cabinet has triggered a critical condition detected by the controller.\nAlarm to be cleared by the operator at the management system.\nReason: cpqCrExpCabTemperatureCriticalTrap		
Remedial action: Check the cooling fans in the expansion cabinet.		

Table 26-428 IK8401060 - External Array Accelerator Board Battery Failed

Alarm	Attributes	Applicable major releases
Name: IK8401060 (6821) Type: environmentalAlarm (2) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: External Array Accelerator Board Battery Failed (1438) Implicitly cleared: false Default probable cause: batteryFailure (649)	<ul style="list-style-type: none"> LR14.3.MG
Description: External Array Accelerator Board Battery Failed. This alarm signifies that the agent has detected a battery failure associated with the Array Accelerator Cache Board.\nAlarm to be cleared by the operator at the management system.\nReason: cpqFcaAccelBatteryFailed		
Remedial action: Replace the Accelerator Cache Board.		

Table 26-429 IK8401073 - External Array Accelerator Board Battery Failed

Alarm	Attributes	Applicable major releases
Name: IK8401073 (6822) Type: environmentalAlarm (2) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: External Array Accelerator Board Battery Failed (1438) Implicitly cleared: false Default probable cause: batteryFailure (649)	<ul style="list-style-type: none"> LR14.3.MG
Description: External Array Accelerator Board Battery Failed. This alarm signifies that the agent has detected a battery failure associated with the Array Accelerator Cache Board.\nAlarm to be cleared by the operator at the management system.\nReason: cpqFca2AccelBatteryFailed		
Remedial action: Replace the Accelerator Cache Board.		

Table 26-430 IK8401098 - POST Errors Occurred

Alarm	Attributes	Applicable major releases
Name: IK8401098 (6823) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: POST Errors Occurred (1439) Implicitly cleared: false Default probable cause: powerProblem (911)	<ul style="list-style-type: none"> LR14.3.MG
Description: One or more POST errors occurred. Power On Self-Test (POST) errors occur during the server restart process.\nAlarm to be cleared by the operator at the management system.\nReason: cpqHePostError		
Remedial action: Refer to the Integrated Management Log for details on the POST error.		

Table 26-431 IK8401102 - Thermal Failure

Alarm	Attributes	Applicable major releases
Name: IK8401102 (6824) Type: environmentalAlarm (2) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: Thermal Failure (1440) Implicitly cleared: false Default probable cause: temperatureUnacceptable (721)	<ul style="list-style-type: none"> LR14.3.MG
Description: The temperature status has been set to failed. The system will be shutdown due to this thermal condition.\nAlarm to be cleared by the operator at the management system.\nReason: cpqHe3ThermalTempFailed		
Remedial action: Check the system for hardware failures and verify the environment is properly cooled.		

Table 26-432 IK8401105 - System Fan Failure

Alarm	Attributes	Applicable major releases
Name: IK8401105 (6825) Type: environmentalAlarm (2) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: System Fan Failure (1441) Implicitly cleared: true Default probable cause: coolingFanFailure (651)	<ul style="list-style-type: none"> LR14.3.MG
Description: The system fan status has been set to failed. A required system fan is not operating normally. The system will be shutdown if the cpqHeThermalDegradedAction variable is set to shutdown(3).\nAlarm is cleared by the system.\nReason: cpqHe3ThermalSystemFanFailed		
Remedial action: Replace the failed fan.		

Table 26-433 IK8401112 - POST Errors Occurred

Alarm	Attributes	Applicable major releases
Name: IK8401112 (6826) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: POST Errors Occurred (1439) Implicitly cleared: false Default probable cause: powerProblem (911)	<ul style="list-style-type: none"> LR14.3.MG
Description: One or more POST errors occurred. Power On Self-Test (POST) errors occur during the server restart process. Details of the POST error messages can be found in Integrated Management Log\nAlarm to be cleared by the operator at the management system.\nReason: cpqHe3PostError		
Remedial action: Refer to the Integrated Management Log for details on the POST error.		

Table 26-434 IK8401116 - Power Supply Failed

Alarm	Attributes	Applicable major releases
Name: IK8401116 (6827) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: Power Supply Failed (1442) Implicitly cleared: true Default probable cause: powerProblem (911)	<ul style="list-style-type: none"> LR14.3.MG
Description: The fault tolerant power supply condition has been set to failed for the specified chassis and bay location.\nAlarm is cleared by the system.\nReason: cpqHe3FitToIPowerSupplyFailed		
Remedial action: If the problem persists, contact Alcatel-Lucent customer support.		

Table 26-435 IK8401121 - Fan Failed

Alarm	Attributes	Applicable major releases
Name: IK8401121 (6828) Type: environmentalAlarm (2) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: Fan Failed (1443) Implicitly cleared: true Default probable cause: coolingFanFailure (651)	<ul style="list-style-type: none"> LR14.3.MG
Description: The Fault Tolerant Fan condition has been set to failed for the specified chassis and fan.\nAlarm is cleared by the system.\nReason: cpqHe3FitToIFanFailed		
Remedial action: Replace the failed fan.		

Table 26-436 IK8401125 - Thermal Failure

Alarm	Attributes	Applicable major releases
Name: IK8401125 (6829) Type: environmentalAlarm (2) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: Thermal Failure (1440) Implicitly cleared: false Default probable cause: temperatureUnacceptable (721)	<ul style="list-style-type: none"> LR14.3.MG
Description: The temperature status has been set to failed in the specified chassis and location. The system will be shutdown due to this condition.\nAlarm to be cleared by the operator at the management system.\nReason: cpqHe3TemperatureFailed		
Remedial action: Check the system for hardware failures and verify the environment is properly cooled.		

Table 26-437 IK8401129 - Power Converter Failed

Alarm	Attributes	Applicable major releases
Name: IK8401129 (6830) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: Power Converter Failed (1444) Implicitly cleared: false Default probable cause: powerProblem (911)	<ul style="list-style-type: none"> LR14.3.MG
Description: The DC-DC Power Converter condition has been set to failed for the specified chassis, slot and socket.\nAlarm to be cleared by the operator at the management system.\nReason: cpqHe3PowerConverterFailed		
Remedial action: Replace the failed power converter.		

Table 26-438 IK8401135 - Power Supply Failed

Alarm	Attributes	Applicable major releases
Name: IK8401135 (6831) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: Power Supply Failed (1442) Implicitly cleared: true Default probable cause: powerProblem (911)	<ul style="list-style-type: none"> LR14.3.MG
Description: The fault tolerant power supply condition has been set to failed for the specified chassis and bay location.\nAlarm is cleared by the system.\nReason: cpqHe4FitToIPowerSupplyFailed		
Remedial action: Replace the failed power supply.		

Table 26-439 IK8401144 - Memory Board or Cartridge Bus Error Detected

Alarm	Attributes	Applicable major releases
Name: IK8401144 (6832) Type: processingErrorAlarm (81) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: Memory Board or Cartridge Bus Error Detected (1445) Implicitly cleared: false Default probable cause: memoryMismatch (680)	<ul style="list-style-type: none"> LR14.3.MG
Description: Memory board or cartridge bus error detected. An Advanced Memory Protection sub-system board or cartridge bus error has been detected.\nAlarm to be cleared by the operator at the management system.\nReason: cpqHeResMemBoardBusError		
Remedial action: Replace the indicated board or cartridge.		

Table 26-440 IK8401148 - Management processor failed reset

Alarm	Attributes	Applicable major releases
Name: IK8401148 (6833) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: Management processor failed reset (1446) Implicitly cleared: false Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> LR14.3.MG
Description: The Management processor failed reset The management processor was not successfully reset and is not operational.\nAlarm to be cleared by the operator at the management system.\nReason: cpqHeManagementProcFailedReset		
Remedial action: Reset the management procesessor again or re-flash the management processor firmware.		

Table 26-441 IK8401152 - Memory Board or Cartridge or Riser Bus Error Detected

Alarm	Attributes	Applicable major releases
Name: IK8401152 (6834) Type: processingErrorAlarm (81) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: Memory Board or Cartridge or Riser Bus Error Detected (1447) Implicitly cleared: false Default probable cause: memoryMismatch (680)	<ul style="list-style-type: none"> LR14.3.MG
Description: Memory board or cartridge or Riser bus error detected. An Advanced Memory Protection sub-system board or cartridge or Riser bus error has been detected. Value 0 for CPU means memory is not processor based. Alarm to be cleared by the operator at the management system. Reason: cpqHe5ResMemBoardBusError		
Remedial action: Replace the indicated board or cartridge or Riser.		

Table 26-442 IK8401154 - Power Supply AC Power Loss

Alarm	Attributes	Applicable major releases
Name: IK8401154 (6835) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: Power Supply AC Power Loss (1448) Implicitly cleared: false Default probable cause: powerProblem (911)	<ul style="list-style-type: none"> LR14.3.MG
Description: The fault tolerant power supply AC power loss for the specified chassis and bay location. Alarm to be cleared by the operator at the management system. Reason: cpqHe4FitToIPowerSupplyACpowerloss		
Remedial action: Check the power source for the specified power supply.		

Table 26-443 IK8401156 - Application Error Trap

Alarm	Attributes	Applicable major releases
Name: IK8401156 (6836) Type: processingErrorAlarm (81) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: Application Error Trap (1449) Implicitly cleared: false Default probable cause: applicationSubsystemFailure (689)	<ul style="list-style-type: none"> LR14.3.MG
Description: An application has generated an exception. Specific error information is contained in the variable cpqHoSwPerfAppErrorDesc. Alarm to be cleared by the operator at the management system. Reason: cpqHoAppErrorTrap		
Remedial action: If the problem persists, contact Alcatel-Lucent customer support.		

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Table 26-444 IK8401158 - Application Error Trap

Alarm	Attributes	Applicable major releases
Name: IK8401158 (6837) Type: processingErrorAlarm (81) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: Application Error Trap (1449) Implicitly cleared: false Default probable cause: applicationSubsystemFailure (689)	<ul style="list-style-type: none"> LR14.3.MG
Description: An application has generated an exception. Specific error information is contained in the variable cpqHoSwPerfAppErrorDesc.\nAlarm to be cleared by the operator at the management system.\nReason: cpqHo2AppErrorTrap		
Remedial action: If the problem persists, contact Alcatel-Lucent customer support.		

Table 26-445 IK8401163 - Status Trap

Alarm	Attributes	Applicable major releases
Name: IK8401163 (6838) Type: communicationsAlarm (4) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: Status Trap (1450) Implicitly cleared: true Default probable cause: communicationsSubsystemFailure (915)	<ul style="list-style-type: none"> LR14.3.MG
Description: This alarm will be sent any time the status of a NIC changes to the Failed condition.\nAlarm is cleared by the system.\nReason: cpqHo2NicStatusFailed2		
Remedial action: Check the network cables. Replace the failed NIC.		

Table 26-446 IK8401172 - Power Threshold Exceeded

Alarm	Attributes	Applicable major releases
Name: IK8401172 (6839) Type: qualityOfServiceAlarm (82) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: Power Threshold Exceeded (1451) Implicitly cleared: false Default probable cause: resourceAtOrNearingCapacity (715)	<ul style="list-style-type: none"> LR14.3.MG
Description: This alarm notifies user of a power threshold breach. Power threshold exceeded.\nAlarm to be cleared by the operator at the management system.\nReason: cpqHo2PowerThresholdTrap		
Remedial action: If the problem persists, contact Alcatel-Lucent customer support.		

Table 26-447 IK8402265 - Accelerator Board Battery Failed

Alarm	Attributes	Applicable major releases
Name: IK8402265 (6840) Type: environmentalAlarm (2) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: Accelerator Board Battery Failed (1452) Implicitly cleared: false Default probable cause: batteryFailure (649)	<ul style="list-style-type: none"> LR14.3.MG
Description: Accelerator Board Battery Failed. This alarm signifies that the agent has detected a battery failure associated with the array accelerator cache board. The current battery status is indicated by the cpqDaAccelBattery variable. \nAlarm to be cleared by the operator at the management system. \nReason: cpqDaAccelBatteryFailed		
Remedial action: check the Accelerator Board Battery		

Table 26-448 IK8402272 - Accelerator Board Battery Failed

Alarm	Attributes	Applicable major releases
Name: IK8402272 (6841) Type: environmentalAlarm (2) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: Accelerator Board Battery Failed (1452) Implicitly cleared: false Default probable cause: batteryFailure (649)	<ul style="list-style-type: none"> LR14.3.MG
Description: Accelerator Board Battery Failed. This alarm signifies that the agent has detected a battery failure associated with the array accelerator cache board. The current battery status is indicated by the cpqDaAccelBattery variable. \nAlarm to be cleared by the operator at the management system. \nReason: cpqDa2AccelBatteryFailed		
Remedial action: check the Accelerator Board Battery		

Table 26-449 IK8402279 - Accelerator Board Battery Failed

Alarm	Attributes	Applicable major releases
Name: IK8402279 (6842) Type: environmentalAlarm (2) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: Accelerator Board Battery Failed (1452) Implicitly cleared: false Default probable cause: batteryFailure (649)	<ul style="list-style-type: none"> LR14.3.MG
Description: Accelerator Board Battery Failed. This alarm signifies that the agent has detected a battery failure associated with the array accelerator cache board. The current battery status is indicated by the cpqDaAccelBattery variable. \nAlarm to be cleared by the operator at the management system. \nReason: cpqDa3AccelBatteryFailed		
Remedial action: check the Accelerator Board Battery		

Table 26-450 IK8402291 - Accelerator Board Bad Data

Alarm	Attributes	Applicable major releases
Name: IK8402291 (6843) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: Accelerator Board Bad Data (1453) Implicitly cleared: false Default probable cause: powerProblem (911)	<ul style="list-style-type: none"> LR14.3.MG
Description: Accelerator Board Bad Data. This alarm signifies that the agent has detected an array accelerator cache board that has lost battery power. If data was being stored in the accelerator cache memory when the server lost power, that data has been lost.\nAlarm to be cleared by the operator at the management system.\nReason: cpqDa5AccelBadDataTrap		
Remedial action: Verify that no data has been lost.		

Table 26-451 IK8402292 - Accelerator Board Battery Failed

Alarm	Attributes	Applicable major releases
Name: IK8402292 (6844) Type: environmentalAlarm (2) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: Accelerator Board Battery Failed (1452) Implicitly cleared: false Default probable cause: batteryFailure (649)	<ul style="list-style-type: none"> LR14.3.MG
Description: Accelerator Board Battery Failed. This alarm signifies that the agent has detected a battery failure associated with the array accelerator cache board.\nAlarm to be cleared by the operator at the management system.\nReason: cpqDa5AccelBatteryFailed		
Remedial action: Replace the Accelerator Cache Board.		

Table 26-452 IK8402295 - Physical Drive Threshold Passed

Alarm	Attributes	Applicable major releases
Name: IK8402295 (6845) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: Physical Drive Threshold Passed (1454) Implicitly cleared: false Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> LR14.3.MG
Description: Physical Drive Threshold Passed. This alarm signifies that the agent has detected a factory threshold associated with one of the physical drive objects on a drive array has been exceeded.\nAlarm to be cleared by the operator at the management system.\nReason: cpqDa5PhyDrvThreshPassedTrap		
Remedial action: Replace the physical drive.		

Table 26-453 IK8402302 - Physical Drive Threshold Passed

Alarm	Attributes	Applicable major releases
Name: IK8402302 (6846) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: Physical Drive Threshold Passed (1454) Implicitly cleared: false Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> LR14.3.MG
Description: Physical Drive Threshold Passed. This alarm signifies that the agent has detected a factory threshold associated with one of the physical drive objects on a drive array has been exceeded.\nAlarm to be cleared by the operator at the management system.\nReason: cpqDa6PhyDrvThreshPassedTrap		
Remedial action: Replace the physical drive.		

Table 26-454 IK8402337 - NIC Status Trap

Alarm	Attributes	Applicable major releases
Name: IK8402337 (6847) Type: communicationsAlarm (4) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: NIC Status Trap (1455) Implicitly cleared: true Default probable cause: communicationsSubsystemFailure (915)	<ul style="list-style-type: none"> LR14.3.MG
Description: This alarm will be sent any time the status of a logical adapter changes to the Failed condition. This occurs when the adapter in a single adapter configuration fails, or when the last adapter in a redundant configuration fails. This can be caused by loss of link due to a cable being removed from the adapter or the Hub or Switch. Internal adapter, Hub, or Switch failures can also cause this condition.\nAlarm is cleared by the system.\nReason: cpqNicConnectivityLost		
Remedial action: Check the cables to the adapter and the Hub or Switch. If no cable problems are found, the adapter, Hub, or Switch may need replacement.		

Table 26-455 IK8402341 - NIC Connectivity Lost Trap

Alarm	Attributes	Applicable major releases
Name: IK8402341 (6848) Type: communicationsAlarm (4) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: NIC Connectivity Lost Trap (1456) Implicitly cleared: true Default probable cause: communicationsSubsystemFailure (915)	<ul style="list-style-type: none"> LR14.3.MG
Description: This alarm will be sent any time the status of a logical adapter changes to the Failed condition. This occurs when the adapter in a single adapter configuration fails, or when the last adapter in a redundant configuration fails. This can be caused by loss of link due to a cable being removed from the adapter or the Hub or Switch. Internal adapter, Hub, or Switch failures can also cause this condition.\nAlarm is cleared by the system.\nReason: cpqNic2ConnectivityLost		
Remedial action: Check the cables to the adapter and the Hub or Switch. If no cable problems are found, the adapter, Hub, or Switch may need replacement.		

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Table 26-456 IK8402343 - NIC Redundancy Reduced Trap

Alarm	Attributes	Applicable major releases
Name: IK8402343 (6849) Type: communicationsAlarm (4) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: NIC Redundancy Reduced Trap (1457) Implicitly cleared: true Default probable cause: communicationsSubsystemFailure (915)	<ul style="list-style-type: none"> LR14.3.MG
Description: This alarm will be sent any time a physical adapter in a logical adapter group changes to the Failed condition, but at least one physical adapter remains in the OK condition.. This can be caused by loss of link due to a cable being removed from the adapter or the Hub or Switch. Internal adapter, Hub, or Switch failures can also cause this condition.\nAlarm is cleared by the system.\nReason: cpqNic2RedundancyReduced		
Remedial action: Check the cables to the adapter and the Hub or Switch. If no cable problems are found, the adapter, Hub, or Switch may need replacement.		

Table 26-457 IK8402347 - NIC Connectivity Lost Trap

Alarm	Attributes	Applicable major releases
Name: IK8402347 (6850) Type: communicationsAlarm (4) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: NIC Connectivity Lost Trap (1456) Implicitly cleared: false Default probable cause: communicationsSubsystemFailure (915)	<ul style="list-style-type: none"> LR14.3.MG
Description: This alarm will be sent any time the status of a logical adapter changes to the Failed condition. This occurs when the adapter in a single adapter configuration fails, or when the last adapter in a redundant configuration fails. This can be caused by loss of link due to a cable being removed from the adapter or the Hub or Switch. Internal adapter, Hub, or Switch failures can also cause this condition.\nAlarm to be cleared by the operator at the management system.\nReason: cpqNic3ConnectivityLost		
Remedial action: Check the cables to the adapter and the Hub or Switch. If no cable problems are found, the adapter, Hub, or Switch may need replacement.		

Table 26-458 IK8402349 - NIC Redundancy Reduced Trap

Alarm	Attributes	Applicable major releases
Name: IK8402349 (6851) Type: communicationsAlarm (4) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: NIC Redundancy Reduced Trap (1457) Implicitly cleared: true Default probable cause: communicationsSubsystemFailure (915)	<ul style="list-style-type: none"> LR14.3.MG
Description: This alarm will be sent any time a physical adapter in a logical adapter group changes to the Failed condition, but at least one physical adapter remains in the OK condition.. This can be caused by loss of link due to a cable being removed from the adapter or the Hub or Switch. Internal adapter, Hub, or Switch failures can also cause this condition.\nAlarm is cleared by the system.\nReason: cpqNic3RedundancyReduced		

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Alarm	Attributes	Applicable major releases
Remedial action: Check the cables to the adapter and the Hub or Switch. If no cable problems are found, the adapter, Hub, or Switch may need replacement.		

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Table 26-459 IK8402360 - Enclosure temperature failed

Alarm	Attributes	Applicable major releases
Name: IK8402360 (6852) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: Enclosure temperature failed (1458) Implicitly cleared: false Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> LR14.3.MG
Description: The enclosure temperature status has been set to failed. This alarm signifies that a enclosure temperature sensor has been tripped indicating an overheat condition.\nAlarm to be cleared by the operator at the management system.\nReason: cpqRackEnclosureTempFailed		
Remedial action: Shutdown the enclosure and possibly the rack as soon as possible. Ensure all fans are working properly and that air flow in the rack has not been blocked.		

Table 26-460 IK8402363 - Enclosure fan failed

Alarm	Attributes	Applicable major releases
Name: IK8402363 (6853) Type: environmentalAlarm (2) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: Enclosure fan failed (1459) Implicitly cleared: true Default probable cause: coolingFanFailure (651)	<ul style="list-style-type: none"> LR14.3.MG
Description: The enclosure fan status has been set to failed. This alarm signifies that an enclosure fan has failed and no other fans in the redundant fan group are operating. This may result in overheating of the enclosure.\nAlarm is cleared by the system.\nReason: cpqRackEnclosureFanFailed		
Remedial action: Replace the fan as soon as possible.		

Table 26-461 IK8402368 - Rack power supply failed

Alarm	Attributes	Applicable major releases
Name: IK8402368 (6854) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGmngElement	Severity: critical Specific problem: Rack power supply failed (1460) Implicitly cleared: true Default probable cause: powerProblem (911)	<ul style="list-style-type: none"> LR14.3.MG

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Alarm	Attributes	Applicable major releases
Description: The power supply status has been set to failed. This alarm signifies that a power supply has failed.\nAlarm is cleared by the system.\nReason: cpqRackPowerSupplyFailed		
Remedial action: Replace the power supply as soon as possible.		

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Table 26-462 IK8402369 - Rack power supply degraded

Alarm	Attributes	Applicable major releases
Name: IK8402369 (6855) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: Rack power supply degraded (1461) Implicitly cleared: false Default probable cause: powerProblem (911)	<ul style="list-style-type: none"> LR14.3.MG
Description: The power supply status has been set to degraded. This alarm signifies that a power supply has degraded.\nAlarm to be cleared by the operator at the management system.\nReason: cpqRackPowerSupplyDegraded		
Remedial action: Replace the power supply as soon as possible.		

Table 26-463 IK8402374 - Rack power supply input voltage problem

Alarm	Attributes	Applicable major releases
Name: IK8402374 (6856) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: Rack power supply input voltage problem (1462) Implicitly cleared: false Default probable cause: powerProblem (911)	<ul style="list-style-type: none"> LR14.3.MG
Description: The rack power supply detected an input line voltage problem.\nAlarm to be cleared by the operator at the management system.\nReason: cpqRackPowerSubsystemLineVoltageProblem		
Remedial action: Check the power input for the power supply or replace any failed power supplies as soon as possible.		

Table 26-464 IK8402375 - Rack power subsystem overload condition

Alarm	Attributes	Applicable major releases
Name: IK8402375 (6857) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: Rack power subsystem overload condition (1463) Implicitly cleared: false Default probable cause: powerProblem (911)	<ul style="list-style-type: none"> LR14.3.MG
Description: The rack power subsystem overload condition.\nAlarm to be cleared by the operator at the management system.\nReason: cpqRackPowerSubsystemOverloadCondition		

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Alarm	Attributes	Applicable major releases
Remedial action: Replace any failed power supplies as soon as possible to return the system to a redundant state.		

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Table 26-465 IK8402376 - Server shutdown due to power shedding

Alarm	Attributes	Applicable major releases
Name: IK8402376 (6858) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGmngElement	Severity: critical Specific problem: Server shutdown due to power shedding (1464) Implicitly cleared: false Default probable cause: powerProblem (911)	<ul style="list-style-type: none"> LR14.3.MG
Description: Server shutdown due to power shedding. The server blade was shutdown due to a lack of power. \nAlarm to be cleared by the operator at the management system. \nReason: cpqRackPowerShedAutoShutdown		
Remedial action: Check power connections or add power supplies.		

Table 26-466 IK8402377 - Server power on prevented to preserve redundancy

Alarm	Attributes	Applicable major releases
Name: IK8402377 (6859) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGmngElement	Severity: critical Specific problem: Server power on prevented to preserve redundancy (1465) Implicitly cleared: false Default probable cause: powerProblem (911)	<ul style="list-style-type: none"> LR14.3.MG
Description: Server power on prevented to preserve redundancy. There is not enough power to power on the server blade and maintain redundancy for the other blades in the enclosure. \nAlarm to be cleared by the operator at the management system. \nReason: cpqRackServerPowerOnFailedNotRedundant		
Remedial action: Check power connections or add power supplies.		

Table 26-467 IK8402378 - Inadequate power to power on

Alarm	Attributes	Applicable major releases
Name: IK8402378 (6860) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGmngElement	Severity: critical Specific problem: Inadequate power to power on (1466) Implicitly cleared: false Default probable cause: powerProblem (911)	<ul style="list-style-type: none"> LR14.3.MG
Description: Inadequate power to power on. There is not enough power to power on the server blade. \nAlarm to be cleared by the operator at the management system. \nReason: cpqRackServerPowerOnFailedNotEnoughPower		
Remedial action: Check power connections or add power supplies.		

Table 26-468 IK8402379 - Inadequate power to power on

Alarm	Attributes	Applicable major releases
Name: IK8402379 (6861) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGmngElement	Severity: critical Specific problem: Inadequate power to power on (1466) Implicitly cleared: false Default probable cause: powerProblem (911)	<ul style="list-style-type: none"> LR14.3.MG
Description: Inadequate power to power on. There is not enough power to power on the server blade. The server enclosure micro-controller was not found.\nAlarm to be cleared by the operator at the management system.\nReason: cpqRackServerPowerOnFailedEnclosureNotFound		
Remedial action: Check server enclosure connections or add power supplies.		

Table 26-469 IK8402380 - Inadequate power to power on

Alarm	Attributes	Applicable major releases
Name: IK8402380 (6862) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGmngElement	Severity: critical Specific problem: Inadequate power to power on (1466) Implicitly cleared: false Default probable cause: powerProblem (911)	<ul style="list-style-type: none"> LR14.3.MG
Description: Inadequate power to power on. There is not enough power to power on the server blade. The power enclosure micro-controller was not found.\nAlarm to be cleared by the operator at the management system.\nReason: cpqRackServerPowerOnFailedPowerChassisNotFound		
Remedial action: Check power enclosure connections or add power supplies.		

Table 26-470 IK8402382 - Fuse open

Alarm	Attributes	Applicable major releases
Name: IK8402382 (6863) Type: environmentalAlarm (2) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: Fuse open (1467) Implicitly cleared: false Default probable cause: enclosureDoorOpen (900)	<ul style="list-style-type: none"> LR14.3.MG
Description: Fuse open. The fuse has been tripped.\nAlarm to be cleared by the operator at the management system.\nReason: cpqRackFuseOpen		
Remedial action: Check enclosure and / or blade power connections and reset the fuse.		

Table 26-471 IK8402386 - Power subsystem DC power problem

Alarm	Attributes	Applicable major releases
Name: IK8402386 (6864) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: Power subsystem DC power problem (1468) Implicitly cleared: false Default probable cause: powerProblem (911)	<ul style="list-style-type: none"> LR14.3.MG
Description: Power subsystem DC power problem. There is a power subsystem DC power problem for this power enclosure.\nAlarm to be cleared by the operator at the management system.\nReason: cpqRackPowerChassisDcPowerProblem		
Remedial action: Check the power enclosure and power supplies. Replace any failed or degraded power supplies.		

Table 26-472 IK8402387 - Power subsystem AC facility input power exceeded

Alarm	Attributes	Applicable major releases
Name: IK8402387 (6865) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: Power subsystem AC facility input power exceeded (1469) Implicitly cleared: false Default probable cause: powerProblem (911)	<ul style="list-style-type: none"> LR14.3.MG
Description: Power subsystem AC facility input power exceeded. There is a power subsystem Power subsystem AC facility input power exceeded for this power enclosure.\nAlarm to be cleared by the operator at the management system.\nReason: cpqRackPowerChassisAcFacilityPowerExceeded		
Remedial action: Check the power enclosure and power supplies. Replace any failed or degraded power supplies.		

Table 26-473 IK8402388 - Unknown power consumption

Alarm	Attributes	Applicable major releases
Name: IK8402388 (6866) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: Unknown power consumption (1470) Implicitly cleared: false Default probable cause: powerProblem (911)	<ul style="list-style-type: none"> LR14.3.MG
Description: Unknown power consumption. There is an unknown power consumer drawing power.\nAlarm to be cleared by the operator at the management system.\nReason: cpqRackPowerUnknownPowerConsumption		
Remedial action: Check the power enclosure and power supplies. Replace any failed or degraded power supplies.		

Table 26-474 IK8402391 - Power subsystem improperly configured

Alarm	Attributes	Applicable major releases
Name: IK8402391 (6867) Type: processingErrorAlarm (81) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: Power subsystem improperly configured (1471) Implicitly cleared: false Default probable cause: configurationOrCustomizationError (902)	<ul style="list-style-type: none"> LR14.3.MG
Description: Power subsystem improperly configured. The power subsystem has been improperly configured.\nAlarm to be cleared by the operator at the management system.\nReason: cpqRackPowerChassisConfigError		
Remedial action: Check the cabling of the power enclosure.		

Table 26-475 IK8402401 - Interconnect failed

Alarm	Attributes	Applicable major releases
Name: IK8402401 (6868) Type: communicationsAlarm (4) Package: lmg Raised on class: lmg.LMGmngElement	Severity: critical Specific problem: Interconnect failed (1472) Implicitly cleared: false Default probable cause: communicationsSubsystemFailure (915)	<ul style="list-style-type: none"> LR14.3.MG
Description: The interconnect status has been set to failed. This alarm signifies that a interconnect has failed.\nAlarm to be cleared by the operator at the management system.\nReason: cpqRackNetConnectorFailed		
Remedial action: Replace the interconnect as soon as possible.		

Table 26-476 IK8402408 - Server blade health status degraded

Alarm	Attributes	Applicable major releases
Name: IK8402408 (6869) Type: qualityOfServiceAlarm (82) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: Server blade health status degraded (1473) Implicitly cleared: false Default probable cause: performanceDegraded (710)	<ul style="list-style-type: none"> LR14.3.MG
Description: Server blade health status Degraded. The server blade health status has changed to Degraded.\nAlarm to be cleared by the operator at the management system.\nReason: cpqRackServerBladeStatusDegraded		
Remedial action: Check blade server and enclosure SYSLOG.		

Table 26-477 IK8402409 - Server blade health status critical

Alarm	Attributes	Applicable major releases
Name: IK8402409 (6870) Type: processingErrorAlarm (81) Package: lmg Raised on class: lmg.LMGMngElement	Severity: critical Specific problem: Server blade health status critical (1474) Implicitly cleared: false Default probable cause: applicationSubsystemFailure (689)	<ul style="list-style-type: none"> LR14.3.MG
Description: Server blade health status Critical. The server blade health status has changed to Critical.\nAlarm to be cleared by the operator at the management system.\nReason: cpqRackServerBladeStatusCritical		
Remedial action: Check blade server and enclosure SYSLOG.		

Table 26-478 IK8402411 - Server blade unexpected shutdown

Alarm	Attributes	Applicable major releases
Name: IK8402411 (6871) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGMngElement	Severity: major Specific problem: Server blade unexpected shutdown (1475) Implicitly cleared: false Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> LR14.3.MG
Description: An unexpected shutdown has occurred for this server blade.\nAlarm to be cleared by the operator at the management system.\nReason: cpqRackServerBladeUnexpectedShutdown		
Remedial action: Check blade server and enclosure SYSLOG.		

Table 26-479 IK8402428 - Generic EAE Major trap

Alarm	Attributes	Applicable major releases
Name: IK8402428 (6872) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGMngElement	Severity: major Specific problem: Generic EAE Major trap (1476) Implicitly cleared: false Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> LR14.3.MG
Description: EAE Major trap\nAlarm to be cleared by the operator at the management system.\nReason: cpqRackMajorEAETrap		
Remedial action: If the problem persists, contact Alcatel-Lucent customer support.		

Table 26-480 IK8402429 - Generic EAE Critical trap

Alarm	Attributes	Applicable major releases
Name: IK8402429 (6873) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGmngElement	Severity: critical Specific problem: Generic EAE Critical trap (1477) Implicitly cleared: false Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> LR14.3.MG
Description: EAE Critical trap\nAlarm to be cleared by the operator at the management system.\nReason: cpqRackCriticalEAETrap		
Remedial action: If the problem persists, contact Alcatel-Lucent customer support.		

Table 26-481 IK8402431 - Generic Power Subsystem EAE Major trap

Alarm	Attributes	Applicable major releases
Name: IK8402431 (6874) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: Generic Power Subsystem EAE Major trap (1478) Implicitly cleared: false Default probable cause: powerProblem (911)	<ul style="list-style-type: none"> LR14.3.MG
Description: FlexFabric Cmdr Power Subsystem Major trap.\nAlarm to be cleared by the operator at the management system.\nReason: cpqRackPowerMajorEAETrap		
Remedial action: For FlexFabric Cmdr, please refer to product documentation for possible corrective actions.		

Table 26-482 IK8402432 - Generic Power Subsystem EAE Critical trap

Alarm	Attributes	Applicable major releases
Name: IK8402432 (6875) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGmngElement	Severity: critical Specific problem: Generic Power Subsystem EAE Critical trap (1479) Implicitly cleared: false Default probable cause: powerProblem (911)	<ul style="list-style-type: none"> LR14.3.MG
Description: FlexFabric Cmdr Power Subsystem Critical trap.\nAlarm to be cleared by the operator at the management system.\nReason: cpqRackPowerCriticalEAETrap		
Remedial action: For FlexFabric Cmdr, please refer to product documentation for possible corrective actions.		

Table 26-483 IK8402436 - Generic WSMAN Major trap

Alarm	Attributes	Applicable major releases
Name: IK8402436 (6876) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: Generic WSMAN Major trap (1480) Implicitly cleared: false Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> LR14.3.MG
Description: WSMAN Major trap\nReason: cpqRackMajorWSMANTrap		
Remedial action: If the problem persists, contact Alcatel-Lucent customer support.		

Table 26-484 IK8402437 - Generic WSMAN Critical trap

Alarm	Attributes	Applicable major releases
Name: IK8402437 (6877) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGmngElement	Severity: critical Specific problem: Generic WSMAN Critical trap (1481) Implicitly cleared: false Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> LR14.3.MG
Description: WSMAN Critical trap\nReason: cpqRackCriticalWSMANTrap		
Remedial action: If the problem persists, contact Alcatel-Lucent customer support.		

Table 26-485 IK8402439 - Standby Recovery Server Interconnect Failure

Alarm	Attributes	Applicable major releases
Name: IK8402439 (6878) Type: communicationsAlarm (4) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: Standby Recovery Server Interconnect Failure (1482) Implicitly cleared: false Default probable cause: communicationsSubsystemFailure (915)	<ul style="list-style-type: none"> LR14.3.MG
Description: Recovery Server serial interconnect failure. The Standby Recovery Agent reports that the local serial interconnect is not connected or has failed. The primary server is being shutdown in anticipation of the startup of the standby server.\nAlarm to be cleared by the operator at the management system.\nReason: cpqRsStandbyCableFailure		
Remedial action: If the problem persists, contact Alcatel-Lucent customer support.		

Table 26-486 IK8402559 - Critical Alarm

Alarm	Attributes	Applicable major releases
Name: IK8402559 (6879) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGmngElement	Severity: critical Specific problem: Critical Alarm (1483) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> LR14.3.MG
Description: A critical alarm has occurred.\nAlarm is cleared by the system.\nReason: cpqPMTrapCritical		
Remedial action: Check the Trap Details for more information.		

Table 26-487 IK8402609 - Monitor Condition Failed

Alarm	Attributes	Applicable major releases
Name: IK8402609 (6880) Type: processingErrorAlarm (81) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: Monitor Condition Failed (1484) Implicitly cleared: false Default probable cause: applicationSubsystemFailure (689)	<ul style="list-style-type: none"> LR14.3.MG
Description: A fault reporting feature has exceeded normal limits in the monitor indicated by the cpqSiMonitorIndex. The monitor's condition has been set to failed due to an operational feature exceeding normal operating limits. The monitor will not be useable and should be replaced.\nAlarm to be cleared by the operator at the management system.\nReason: cpqSiMonitorConditionFailed		
Remedial action: Make a note of the monitor model number and serial number. Replace the monitor. Refer to the appropriate Maintenance and Service Guide for detailed information on a component replacement.		

Table 26-488 IK8402610 - Excessive Correctable Memory Errors

Alarm	Attributes	Applicable major releases
Name: IK8402610 (6881) Type: processingErrorAlarm (81) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: Excessive Correctable Memory Errors (1485) Implicitly cleared: false Default probable cause: memoryMismatch (680)	<ul style="list-style-type: none"> LR14.3.MG
Description: Correctable memory error count has exceeded the threshold for the memory module indicated by the 'cpqSiMemErrorIndex' variable. The appropriate cpqSiMemModuleECCStatus has been set to degraded.\nAlarm to be cleared by the operator at the management system.\nReason: cpqSiCorrMemErrStatusDegraded		
Remedial action: For Desktops, the System Administrator should run the F10 Diagnostics on this system and select RAM LONG TEST. If it is determined that a module needs replacing, schedule maintenance for the system and replace the failed memory module. Refer to the appropriate Maintenance and Service Guide for detailed information on a component replacement.		

Table 26-489 IK8402615 - Hot Plug Slot Board Failed

Alarm	Attributes	Applicable major releases
Name: IK8402615 (6882) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: Hot Plug Slot Board Failed (1486) Implicitly cleared: false Default probable cause: powerProblem (911)	<ul style="list-style-type: none"> LR14.3.MG
Description: Hot Plug Slot Board Failed Power-Up. A Hot Plug Slot Board has failed to power-up in the specified chassis and slot.\nAlarm to be cleared by the operator at the management system.\nReason: cpqSiHotPlugSlotPowerUpFailed		
Remedial action: Insure the board and all cables are installed correctly and the board type and revision are the same as the replaced board.		

Table 26-490 IK8402616 - Battery Failure

Alarm	Attributes	Applicable major releases
Name: IK8402616 (6883) Type: environmentalAlarm (2) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: Battery Failure (235) Implicitly cleared: false Default probable cause: batteryFailure (649)	<ul style="list-style-type: none"> LR14.3.MG
Description: The battery indicated by cpqSiSysBatteryIndex has failed and must be replaced.\nAlarm to be cleared by the operator at the management system.\nReason: cpqSiSysBatteryFailure		
Remedial action: Contact your System Administrator or Authorized Reseller to order a replacement battery. Recycle your old battery. For proper disposal information, refer to the documentation that came with your computer.		

Table 26-491 IK8402617 - Battery Charging Degradation

Alarm	Attributes	Applicable major releases
Name: IK8402617 (6884) Type: environmentalAlarm (2) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: Battery Charging Degradation (1487) Implicitly cleared: false Default probable cause: lowBatteryThreshold (656)	<ul style="list-style-type: none"> LR14.3.MG
Description: Significant battery degradation has occurred with battery indicated by cpqSiSysBatteryIndex. The battery can no longer be fully recharged.\nAlarm to be cleared by the operator at the management system.\nReason: cpqSiSysBatteryChargingDegraded		
Remedial action: If using multiple batteries, run the Power Conservation Utility to identify the battery location. Contact your System Administrator or Authorized Reseller to order a replacement battery.		

Table 26-492 IK8402620 - Server Power Outage

Alarm	Attributes	Applicable major releases
Name: IK8402620 (6885) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: Server Power Outage (1488) Implicitly cleared: false Default probable cause: powerProblem (911)	<ul style="list-style-type: none"> LR14.3.MG
Description: Server Power Outage. The Remote Insight/ Integrated Lights-Out firmware has detected server power failure.\nAlarm to be cleared by the operator at the management system.\nReason: cpqSm2ServerPowerOutage		
Remedial action: Check the server's power source.		

Table 26-493 IK8402622 - Remote Insight Battery Failed

Alarm	Attributes	Applicable major releases
Name: IK8402622 (6886) Type: environmentalAlarm (2) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: Remote Insight Battery Failed (1489) Implicitly cleared: false Default probable cause: batteryFailure (649)	<ul style="list-style-type: none"> LR14.3.MG
Description: Remote Insight Battery Failed. The Remote Insight battery has failed and needs to be replaced.\nAlarm to be cleared by the operator at the management system.\nReason: cpqSm2BatteryFailed		
Remedial action: replace the failing Remote Insight battery.		

Table 26-494 IK8402628 - Remote Insight external power cable disconnected

Alarm	Attributes	Applicable major releases
Name: IK8402628 (6887) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: Remote Insight external power cable disconnected (1490) Implicitly cleared: false Default probable cause: powerProblem (911)	<ul style="list-style-type: none"> LR14.3.MG
Description: External Power Cable Disconnected. The Remote Insight external power cable has been disconnected.\nAlarm to be cleared by the operator at the management system.\nReason: cpqSm2ExternalPowerCableDisconnected		
Remedial action: check External Power Cable		

Table 26-495 IK8402632 - Server Fatal Error Detected

Alarm	Attributes	Applicable major releases
Name: IK8402632 (6888) Type: processingErrorAlarm (81) Package: lmg Raised on class: lmg.LMGmngElement	Severity: critical Specific problem: Server Fatal Error Detected (1491) Implicitly cleared: false Default probable cause: softwareError (718)	<ul style="list-style-type: none"> LR14.3.MG
Description: Server Fatal Error Detected. The Remote Insight/ Integrated Lights-Out firmware has detected a server fatal error.\nAlarm to be cleared by the operator at the management system.\nReason: cpqSm2ServerFatalError		
Remedial action: If the problem persists, contact Alcatel-Lucent customer support.		

Table 26-496 IK8402633 - The iLO NIC Link is Down

Alarm	Attributes	Applicable major releases
Name: IK8402633 (6889) Type: communicationsAlarm (4) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: The iLO NIC Link is Down (1492) Implicitly cleared: true Default probable cause: communicationsSubsystemFailure (915)	<ul style="list-style-type: none"> LR14.3.MG
Description: The iLO NIC Link is Down. The Remote Insight/ Integrated Lights-Out firmware has detected the loss of network link.\nAlarm is cleared by the system.\nReason: cpqSm2NicLinkDown		
Remedial action: Check the network connections for the iLO.		

Table 26-497 IK8402648 - PC Card Thermal Failure Status

Alarm	Attributes	Applicable major releases
Name: IK8402648 (6890) Type: qualityOfServiceAlarm (82) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: PC Card Thermal Failure Status (1493) Implicitly cleared: false Default probable cause: performanceDegraded (710)	<ul style="list-style-type: none"> LR14.3.MG
Description: This alarm is sent when the PC Card Slot Thermal Sensor threshold has been exceeded for degraded operations thereby causing failed operations. This alarm will be sent when cpqSePCCardStatus transitions from Thermal Degraded (2) to Thermal Failure (3). The manufacturer and product information strings as well as the slot number for the failed PC Card is provided as parameters for this trap.\nAlarm to be cleared by the operator at the management system.\nReason: cpqSePCCardThermalFailure		
Remedial action: If the problem persists, contact Alcatel-Lucent customer support.		

Table 26-498 IK8402657 - Storage System Temperature Failure

Alarm	Attributes	Applicable major releases
Name: IK8402657 (6891) Type: environmentalAlarm (2) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: Storage System Temperature Failure (1494) Implicitly cleared: false Default probable cause: temperatureUnacceptable (721)	<ul style="list-style-type: none"> LR14.3.MG
Description: Storage System temperature failure. The agent has detected that a temperature status has been set to failed. The storage system will be shutdown.\nAlarm to be cleared by the operator at the management system.\nReason: cpqSsTempFailed		
Remedial action: If the problem persists, contact Alcatel-Lucent customer support.		

Table 26-499 IK8404762 - linkDown

Alarm	Attributes	Applicable major releases
Name: IK8404762 (6892) Type: communicationsAlarm (4) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: linkDown (1495) Implicitly cleared: true Default probable cause: communicationsSubsystemFailure (915)	<ul style="list-style-type: none"> LR14.3.MG
Description: A linkDown alarm signifies that the SNMP entity, acting in an agent role, has detected that the ifOperStatus object for one of its communication links is about to enter the down state from some other state (but not from the notPresent state). This other state is indicated by the included value of ifOperStatus.\nAlarm is cleared by the system.\nReason: linkDown		
Remedial action: If the problem persists, contact Alcatel-Lucent customer support.		

Table 26-500 IK8450931 - bt2SwFwDownloadFailure

Alarm	Attributes	Applicable major releases
Name: IK8450931 (6893) Type: processingErrorAlarm (81) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: bt2SwFwDownloadFailure (1496) Implicitly cleared: true Default probable cause: softwareError (718)	<ul style="list-style-type: none"> LR14.3.MG
Description: A bt2SwFwDownloadFailure signifies that firmware downloaded failed to [image1 image2 boot image].\nAlarm is cleared by the system.\nReason: bt2SwFwDownloadFailure		
Remedial action: If the problem persists, contact Alcatel-Lucent customer support.		

Table 26-501 IK8450959 - The switch has failed a TFTP transfer

Alarm	Attributes	Applicable major releases
Name: IK8450959 (6894) Type: communicationsAlarm (4) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: The switch has failed a TFTP transfer (1497) Implicitly cleared: true Default probable cause: communicationsSubsystemFailure (915)	<ul style="list-style-type: none"> LR14.3.MG
Description: The switch has failed a TFTP transfer.\nAlarm is cleared by the system.\nReason: switchTFTPTTransferFailed		
Remedial action: If the problem persists, contact Alcatel-Lucent customer support.		

Table 26-502 IK8450961 - The switch fan has failed

Alarm	Attributes	Applicable major releases
Name: IK8450961 (6895) Type: environmentalAlarm (2) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: The switch fan has failed (1498) Implicitly cleared: true Default probable cause: coolingFanFailure (651)	<ul style="list-style-type: none"> LR14.3.MG
Description: The switch fan has failed.\nAlarm is cleared by the system.\nReason: switchFanFailed		
Remedial action: If the problem persists, contact Alcatel-Lucent customer support.		

Table 26-503 IK8450963 - switchTempSensorDegraded

Alarm	Attributes	Applicable major releases
Name: IK8450963 (6896) Type: environmentalAlarm (2) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: switchTempSensorDegraded (1499) Implicitly cleared: false Default probable cause: temperatureUnacceptable (721)	<ul style="list-style-type: none"> LR14.3.MG
Description: The switch temperature sensor indicates a high temperature condition.\nAlarm to be cleared by the operator at the management system.\nReason: switchTempSensorDegraded		
Remedial action: If the problem persists, contact Alcatel-Lucent customer support.		

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Table 26-504 IK8450971 - overheat

Alarm	Attributes	Applicable major releases
Name: IK8450971 (6897) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: overheat (1500) Implicitly cleared: false Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> LR14.3.MG
Description: A overheat alarm indicates that the on board temperature sensor has reported a overheat condition. System will shutdown until unit has sufficiently cooled such that operation may begin again. A cold start alarm will be issued when the unit has come back on line. Alarm to be cleared by the operator at the management system. Reason: overheat		
Remedial action: If the problem persists, contact Alcatel-Lucent customer support.		

Table 26-505 IK8450975 - powerSupplyFail

Alarm	Attributes	Applicable major releases
Name: IK8450975 (6898) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: powerSupplyFail (1501) Implicitly cleared: true Default probable cause: powerProblem (911)	<ul style="list-style-type: none"> LR14.3.MG
Description: One or more sources of power to this agent has failed. Presumably a redundant power-supply has taken over. Alarm is cleared by the system. Reason: powerSupplyFail		
Remedial action: If the problem persists, contact Alcatel-Lucent customer support.		

Table 26-506 IK8450977 - rpsAlarm

Alarm	Attributes	Applicable major releases
Name: IK8450977 (6899) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: rpsAlarm (1502) Implicitly cleared: true Default probable cause: powerProblem (911)	<ul style="list-style-type: none"> LR14.3.MG
Description: Attached Redundant Power Supply device is indicating an alarm condition. Alarm is cleared by the system. Reason: rpsAlarm		
Remedial action: If the problem persists, contact Alcatel-Lucent customer support.		

Table 26-507 IK8450982 - Cluster Node Failed

Alarm	Attributes	Applicable major releases
Name: IK8450982 (6900) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: Cluster Node Failed (1428) Implicitly cleared: false Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> LR14.3.MG
Description: This alarm will be sent any time the condition of a node in the cluster becomes failed.\nAlarm to be cleared by the operator at the management system.\nReason: cpqClusterNodeFailed		
Remedial action: Make a note of the cluster node name then check the node for the cause of the failure.		

Table 26-508 IK8450984 - Cluster Resource Failed

Alarm	Attributes	Applicable major releases
Name: IK8450984 (6901) Type: processingErrorAlarm (81) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: Cluster Resource Failed (1429) Implicitly cleared: false Default probable cause: underlyingResourceUnavailable (724)	<ul style="list-style-type: none"> LR14.3.MG
Description: This alarm will be sent any time the condition of a cluster resource becomes failed.\nAlarm to be cleared by the operator at the management system.\nReason: cpqClusterResourceFailed		
Remedial action: Make a note of the cluster resource name then check the resource for the cause of the failure.		

Table 26-509 IK8450986 - Cluster Network Failed

Alarm	Attributes	Applicable major releases
Name: IK8450986 (6902) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: Cluster Network Failed (1430) Implicitly cleared: false Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> LR14.3.MG
Description: This alarm will be sent any time the condition of a cluster network becomes failed.\nAlarm to be cleared by the operator at the management system.\nReason: cpqClusterNetworkFailed		
Remedial action: Make a note of the cluster network name then check the network for the cause of the failure.		

Table 26-510 IK8451008 - The primary controller in the subsystem has failed

Alarm	Attributes	Applicable major releases
Name: IK8451008 (6903) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: The primary controller in the subsystem has failed (1431) Implicitly cleared: false Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> LR14.3.MG
Description: The primary controller in the subsystem has failed. Details: The primary Controller has failed.\nAlarm to be cleared by the operator at the management system.\nReason: cpqCrController1FailureTrap		
Remedial action: Replace controller. Possible causes are controller physically removed, actual hardware failure.		

Table 26-511 IK8451010 - The secondary controller in the subsystem has failed

Alarm	Attributes	Applicable major releases
Name: IK8451010 (6904) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: The secondary controller in the subsystem has failed (1432) Implicitly cleared: false Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> LR14.3.MG
Description: The secondary controller in the subsystem has failed. Details: The secondary controller has failed.\nAlarm to be cleared by the operator at the management system.\nReason: cpqCrController2FailureTrap		
Remedial action: Replace controller. Possible causes are controller physically removed, actual hardware failure.		

Table 26-512 IK8451013 - A RAIDset has failed

Alarm	Attributes	Applicable major releases
Name: IK8451013 (6905) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: A RAIDset has failed (1433) Implicitly cleared: false Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> LR14.3.MG
Description: A RAIDset has failed. Details: The RAIDset has failed and is off-line.\nAlarm to be cleared by the operator at the management system.\nReason: cpqCrLogDriveFailureTrap		
Remedial action: Possible cause is too many failed disk drives that make up the RAIDset, the OS can no longer communicate with the RAIDset for other reasons.		

Table 26-513 IK8451018 - A disk drive has failed

Alarm	Attributes	Applicable major releases
Name: IK8451018 (6906) Type: processingErrorAlarm (81) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: A disk drive has failed (1434) Implicitly cleared: true Default probable cause: storageCapacityProblem (679)	<ul style="list-style-type: none"> LR14.3.MG
Description: A disk drive has failed. Details: A disk device has failed.\nAlarm is cleared by the system.\nReason: cpqCrDiskFailureTrap		
Remedial action: Replace the disk device.		

Table 26-514 IK8451023 - A disk drive has failed

Alarm	Attributes	Applicable major releases
Name: IK8451023 (6907) Type: processingErrorAlarm (81) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: A disk drive has failed (1434) Implicitly cleared: false Default probable cause: storageCapacityProblem (679)	<ul style="list-style-type: none"> LR14.3.MG
Description: A disk drive has failed. Details: A disk device has failed.\nAlarm to be cleared by the operator at the management system.\nReason: cpqCrPhyDiskFailureTrap		
Remedial action: Replace the disk device.		

Table 26-515 IK8451030 - Power supply has failed

Alarm	Attributes	Applicable major releases
Name: IK8451030 (6908) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: Power supply has failed (1435) Implicitly cleared: true Default probable cause: powerProblem (911)	<ul style="list-style-type: none"> LR14.3.MG
Description: Power supply has failed. Details: One of the power supplies in the primary enclosure has failed.\nAlarm is cleared by the system.\nReason: cpqCrEMUPowerSupplyFailureTrap		
Remedial action: Replace the power supply. Possible causes are power supply physically removed, power cord unplugged, actual hardware failure.		

Table 26-516 IK8451033 - Primary enclosure temperature critical!

Alarm	Attributes	Applicable major releases
Name: IK8451033 (6909) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGMngElement	Severity: critical Specific problem: Primary enclosure temperature critical! (1436) Implicitly cleared: false Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> LR14.3.MG
Description: Primary enclosure temperature critical!. Details: The temperature in the primary enclosure has triggered a critical condition detected by the controller.\nAlarm to be cleared by the operator at the management system.\nReason: cpqCrEMUTemperatureCriticalTrap		
Remedial action: Check the cooling fans in the primary enclosure.		

Table 26-517 IK8451037 - Power supply has failed

Alarm	Attributes	Applicable major releases
Name: IK8451037 (6910) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGMngElement	Severity: major Specific problem: Power supply has failed (1435) Implicitly cleared: true Default probable cause: powerProblem (911)	<ul style="list-style-type: none"> LR14.3.MG
Description: Power supply has failed. Details: One of the power supplies in the expansion cabinet has failed.\nAlarm is cleared by the system.\nReason: cpqCrExpCabPowerSupplyFailureTrap		
Remedial action: Replace the power supply. Possible causes are power supply physically removed, power cord unplugged, actual hardware failure.		

Table 26-518 IK8451040 - cpqCrExpCabTemperatureCriticalTrap

Alarm	Attributes	Applicable major releases
Name: IK8451040 (6911) Type: environmentalAlarm (2) Package: lmg Raised on class: lmg.LMGMngElement	Severity: critical Specific problem: cpqCrExpCabTemperatureCriticalTrap (1437) Implicitly cleared: false Default probable cause: temperatureUnacceptable (721)	<ul style="list-style-type: none"> LR14.3.MG
Description: Expansion cabinet temperature critical! Details: The temperature in the expansion cabinet has triggered a critical condition detected by the controller.\nAlarm to be cleared by the operator at the management system.\nReason: cpqCrExpCabTemperatureCriticalTrap		
Remedial action: Check the cooling fans in the expansion cabinet.		

Table 26-519 IK8451042 - High Priority Alert

Alarm	Attributes	Applicable major releases
Name: IK8451042 (6912) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: High Priority Alert (1503) Implicitly cleared: false Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> LR14.3.MG
Description: A high priority alert has occurred.\nAlarm to be cleared by the operator at the management system.\nReason: trapDceHighPriority		
Remedial action: Check the Trap Details for more information.		

Table 26-520 IK8451052 - Critical Alarm

Alarm	Attributes	Applicable major releases
Name: IK8451052 (6913) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGmngElement	Severity: critical Specific problem: Critical Alarm (1483) Implicitly cleared: false Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> LR14.3.MG
Description: A critical alarm has occurred.\nAlarm to be cleared by the operator at the management system.\nReason: trapDscCritical		
Remedial action: Check the Trap Description for more information.		

Table 26-521 IK8451060 - External Array Accelerator Board Battery Failed

Alarm	Attributes	Applicable major releases
Name: IK8451060 (6914) Type: environmentalAlarm (2) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: External Array Accelerator Board Battery Failed (1438) Implicitly cleared: false Default probable cause: batteryFailure (649)	<ul style="list-style-type: none"> LR14.3.MG
Description: External Array Accelerator Board Battery Failed. This alarm signifies that the agent has detected a battery failure associated with the Array Accelerator Cache Board.\nAlarm to be cleared by the operator at the management system.\nReason: cpqFcaAccelBatteryFailed		
Remedial action: Replace the Accelerator Cache Board.		

Table 26-522 IK8451073 - External Array Accelerator Board Battery Failed

Alarm	Attributes	Applicable major releases
Name: IK8451073 (6915) Type: environmentalAlarm (2) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: External Array Accelerator Board Battery Failed (1438) Implicitly cleared: false Default probable cause: batteryFailure (649)	<ul style="list-style-type: none"> LR14.3.MG
Description: External Array Accelerator Board Battery Failed. This alarm signifies that the agent has detected a battery failure associated with the Array Accelerator Cache Board.\nAlarm to be cleared by the operator at the management system.\nReason: cpqFca2AccelBatteryFailed		
Remedial action: Replace the Accelerator Cache Board.		

Table 26-523 IK8451098 - POST Errors Occurred

Alarm	Attributes	Applicable major releases
Name: IK8451098 (6916) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: POST Errors Occurred (1439) Implicitly cleared: false Default probable cause: powerProblem (911)	<ul style="list-style-type: none"> LR14.3.MG
Description: One or more POST errors occurred. Power On Self-Test (POST) errors occur during the server restart process.\nAlarm to be cleared by the operator at the management system.\nReason: cpqHePostError		
Remedial action: Refer to the Integrated Management Log for details on the POST error.		

Table 26-524 IK8451102 - Thermal Failure

Alarm	Attributes	Applicable major releases
Name: IK8451102 (6917) Type: environmentalAlarm (2) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: Thermal Failure (1440) Implicitly cleared: false Default probable cause: temperatureUnacceptable (721)	<ul style="list-style-type: none"> LR14.3.MG
Description: The temperature status has been set to failed. The system will be shutdown due to this thermal condition.\nAlarm to be cleared by the operator at the management system.\nReason: cpqHe3ThermalTempFailed		
Remedial action: Check the system for hardware failures and verify the environment is properly cooled.		

Table 26-525 IK8451105 - System Fan Failure

Alarm	Attributes	Applicable major releases
Name: IK8451105 (6918) Type: environmentalAlarm (2) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: System Fan Failure (1441) Implicitly cleared: true Default probable cause: coolingFanFailure (651)	<ul style="list-style-type: none"> LR14.3.MG
Description: The system fan status has been set to failed. A required system fan is not operating normally. The system will be shutdown if the cpqHeThermalDegradedAction variable is set to shutdown(3).\nAlarm is cleared by the system.\nReason: cpqHe3ThermalSystemFanFailed		
Remedial action: Replace the failed fan.		

Table 26-526 IK8451112 - POST Errors Occurred

Alarm	Attributes	Applicable major releases
Name: IK8451112 (6919) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: POST Errors Occurred (1439) Implicitly cleared: false Default probable cause: powerProblem (911)	<ul style="list-style-type: none"> LR14.3.MG
Description: One or more POST errors occurred. Power On Self-Test (POST) errors occur during the server restart process. Details of the POST error messages can be found in Integrated Management Log\nAlarm to be cleared by the operator at the management system.\nReason: cpqHe3PostError		
Remedial action: Refer to the Integrated Management Log for details on the POST error.		

Table 26-527 IK8451116 - Power Supply Failed

Alarm	Attributes	Applicable major releases
Name: IK8451116 (6920) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: Power Supply Failed (1442) Implicitly cleared: true Default probable cause: powerProblem (911)	<ul style="list-style-type: none"> LR14.3.MG
Description: The fault tolerant power supply condition has been set to failed for the specified chassis and bay location.\nAlarm is cleared by the system.\nReason: cpqHe3FitToIPowerSupplyFailed		
Remedial action: If the problem persists, contact Alcatel-Lucent customer support.		

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Table 26-528 IK8451121 - Fan Failed

Alarm	Attributes	Applicable major releases
Name: IK8451121 (6921) Type: environmentalAlarm (2) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: Fan Failed (1443) Implicitly cleared: true Default probable cause: coolingFanFailure (651)	<ul style="list-style-type: none"> LR14.3.MG
Description: The Fault Tolerant Fan condition has been set to failed for the specified chassis and fan.\nAlarm is cleared by the system.\nReason: cpqHe3FitToIFanFailed		
Remedial action: Replace the failed fan.		

Table 26-529 IK8451125 - Thermal Failure

Alarm	Attributes	Applicable major releases
Name: IK8451125 (6922) Type: environmentalAlarm (2) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: Thermal Failure (1440) Implicitly cleared: false Default probable cause: temperatureUnacceptable (721)	<ul style="list-style-type: none"> LR14.3.MG
Description: The temperature status has been set to failed in the specified chassis and location. The system will be shutdown due to this condition.\nAlarm to be cleared by the operator at the management system.\nReason: cpqHe3TemperatureFailed		
Remedial action: Check the system for hardware failures and verify the environment is properly cooled.		

Table 26-530 IK8451129 - Power Converter Failed

Alarm	Attributes	Applicable major releases
Name: IK8451129 (6923) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: Power Converter Failed (1444) Implicitly cleared: false Default probable cause: powerProblem (911)	<ul style="list-style-type: none"> LR14.3.MG
Description: The DC-DC Power Converter condition has been set to failed for the specified chassis, slot and socket.\nAlarm to be cleared by the operator at the management system.\nReason: cpqHe3PowerConverterFailed		
Remedial action: Replace the failed power converter.		

Table 26-531 IK8451135 - Power Supply Failed

Alarm	Attributes	Applicable major releases
Name: IK8451135 (6924) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: Power Supply Failed (1442) Implicitly cleared: true Default probable cause: powerProblem (911)	<ul style="list-style-type: none"> LR14.3.MG
Description: The fault tolerant power supply condition has been set to failed for the specified chassis and bay location.\nAlarm is cleared by the system.\nReason: cpqHe4FitToIPowerSupplyFailed		
Remedial action: Replace the failed power supply.		

Table 26-532 IK8451144 - Memory Board or Cartridge Bus Error Detected

Alarm	Attributes	Applicable major releases
Name: IK8451144 (6925) Type: processingErrorAlarm (81) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: Memory Board or Cartridge Bus Error Detected (1445) Implicitly cleared: false Default probable cause: memoryMismatch (680)	<ul style="list-style-type: none"> LR14.3.MG
Description: Memory board or cartridge bus error detected. An Advanced Memory Protection sub-system board or cartridge bus error has been detected.\nAlarm to be cleared by the operator at the management system.\nReason: cpqHeResMemBoardBusError		
Remedial action: Replace the indicated board or cartridge.		

Table 26-533 IK8451148 - Management processor failed reset

Alarm	Attributes	Applicable major releases
Name: IK8451148 (6926) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: Management processor failed reset (1446) Implicitly cleared: false Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> LR14.3.MG
Description: The Management processor failed reset The management processor was not successfully reset and is not operational.\nAlarm to be cleared by the operator at the management system.\nReason: cpqHeManagementProcFailedReset		
Remedial action: Reset the management procesessor again or re-flash the management processor firmware.		

Table 26-534 IK8451152 - Memory Board or Cartridge or Riser Bus Error Detected

Alarm	Attributes	Applicable major releases
Name: IK8451152 (6927) Type: processingErrorAlarm (81) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: Memory Board or Cartridge or Riser Bus Error Detected (1447) Implicitly cleared: false Default probable cause: memoryMismatch (680)	<ul style="list-style-type: none"> LR14.3.MG
Description: Memory board or cartridge or Riser bus error detected. An Advanced Memory Protection sub-system board or cartridge or Riser bus error has been detected. Value 0 for CPU means memory is not processor based. Alarm to be cleared by the operator at the management system. Reason: cpqHe5ResMemBoardBusError		
Remedial action: Replace the indicated board or cartridge or Riser.		

Table 26-535 IK8451154 - Power Supply AC Power Loss

Alarm	Attributes	Applicable major releases
Name: IK8451154 (6928) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: Power Supply AC Power Loss (1448) Implicitly cleared: false Default probable cause: powerProblem (911)	<ul style="list-style-type: none"> LR14.3.MG
Description: The fault tolerant power supply AC power loss for the specified chassis and bay location. Alarm to be cleared by the operator at the management system. Reason: cpqHe4FitToIPowerSupplyACpowerloss		
Remedial action: Check the power source for the specified power supply.		

Table 26-536 IK8451156 - Application Error Trap

Alarm	Attributes	Applicable major releases
Name: IK8451156 (6929) Type: processingErrorAlarm (81) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: Application Error Trap (1449) Implicitly cleared: false Default probable cause: applicationSubsystemFailure (689)	<ul style="list-style-type: none"> LR14.3.MG
Description: An application has generated an exception. Specific error information is contained in the variable cpqHoSwPerfAppErrorDesc. Alarm to be cleared by the operator at the management system. Reason: cpqHoAppErrorTrap		
Remedial action: If the problem persists, contact Alcatel-Lucent customer support.		

Table 26-537 IK8451158 - Application Error Trap

Alarm	Attributes	Applicable major releases
Name: IK8451158 (6930) Type: processingErrorAlarm (81) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: Application Error Trap (1449) Implicitly cleared: false Default probable cause: applicationSubsystemFailure (689)	<ul style="list-style-type: none"> LR14.3.MG
Description: An application has generated an exception. Specific error information is contained in the variable cpqHoSwPerfAppErrorDesc.\nAlarm to be cleared by the operator at the management system.\nReason: cpqHo2AppErrorTrap		
Remedial action: If the problem persists, contact Alcatel-Lucent customer support.		

Table 26-538 IK8451163 - Status Trap

Alarm	Attributes	Applicable major releases
Name: IK8451163 (6931) Type: communicationsAlarm (4) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: Status Trap (1450) Implicitly cleared: true Default probable cause: communicationsSubsystemFailure (915)	<ul style="list-style-type: none"> LR14.3.MG
Description: This alarm will be sent any time the status of a NIC changes to the Failed condition.\nAlarm is cleared by the system.\nReason: cpqHo2NicStatusFailed2		
Remedial action: Check the network cables. Replace the failed NIC.		

Table 26-539 IK8451172 - Power Threshold Exceeded

Alarm	Attributes	Applicable major releases
Name: IK8451172 (6932) Type: qualityOfServiceAlarm (82) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: Power Threshold Exceeded (1451) Implicitly cleared: false Default probable cause: resourceAtOrNearingCapacity (715)	<ul style="list-style-type: none"> LR14.3.MG
Description: This alarm notifies user of a power threshold breach. Power threshold exceeded.\nAlarm to be cleared by the operator at the management system.\nReason: cpqHo2PowerThresholdTrap		
Remedial action: If the problem persists, contact Alcatel-Lucent customer support.		

Table 26-540 IK8451182 - StorageCell Event

Alarm	Attributes	Applicable major releases
Name: IK8451182 (6933) Type: processingErrorAlarm (81) Package: lmg Raised on class: lmg.LMGmngElement	Severity: critical Specific problem: StorageCell Event (1504) Implicitly cleared: false Default probable cause: softwareProgramError (720)	<ul style="list-style-type: none"> LR14.3.MG
<p>Description: The physical disk drive identified by the device field has been rendered inoperable. If the flags.quorum_disk flag is nonzero, the physical disk drive is the Storage System Quorum disk identified in the quorum_sequence field. . If the flags.inq_state flag is nonzero, the content of the inq_data and capacity fields is valid. . If the rss_flags.member_abnormal flag is nonzero, the content of the member_state field is valid. . The rack_num field will not be valid until a future release. The reason_code field contains a code giving the reason the physical disk drive has been rendered inoperable: . 0x001 = " CS IO failure . 0x002 = Scrubber IO failure . 0x003 = Attempt to set CBIT on normal drive . 0x004 = Attempt to set CBIT on merging drive . 0x100 = The Target Discovery Service Descriptor retry count has been exceeded . 0x101 = Inoperable for Bad Block Replacement . 0x102 = The soft error count has been exceeded . 0x103 = The number of exchange timeouts permitted was exceeded . 0x104 = Communication with drive has failed an excessive number of times . 0x105 = The number of retries has been exceeded . 0x106 = Medium/Hardware Errors encountered on this physical disk drive . 0x107 = The number of Directed LIP's has surpassed the threshold . 0x200 = Smart event from a physical disk drive not in Storage System . 0x201 = Smart event from a physical disk drive not a Volume . 0x202 = Smart event from a physical disk drive not a RSS . 0x203 = Failure predicted from physical disk drive . 0x204 = Can't read from physical disk drive from the poll . 0x205 = Failure predicted from physical disk drive while deleting Disk Group . 0x206 = physical disk drive forced inoperative from maintenance command for temporary POID . 0x207 = physical disk drive forced inoperative from maintenance command for POID . 0x208 = Bad block recovery failed or can't read FPAB . 0x209 = Failure to remove volume from Storage System . 0x20A = Failure to update metadata .\nAlarm to be cleared by the operator at the management system.\nReason: sCellEventTrap_3_1"</p>		
<p>Remedial action: If the problem persists, contact Alcatel-Lucent customer support.</p>		

Table 26-541 IK8451192 - StorageCell Event

Alarm	Attributes	Applicable major releases
Name: IK8451192 (6934) Type: processingErrorAlarm (81) Package: lmg Raised on class: lmg.LMGmngElement	Severity: critical Specific problem: StorageCell Event (1504) Implicitly cleared: false Default probable cause: applicationSubsystemFailure (689)	<ul style="list-style-type: none"> LR14.3.MG
<p>Description: A machine check occurred while a termination event was being processed. The post-termination operation being performed at the time the event occurred can be derived from the lter.reuea_index field. Note: The lteihd and lter fields may not describe the event that caused the HSV110 controller to terminate operation depending on how far termination processing got before the machine check occurred.\nAlarm to be cleared by the operator at the management system.\nReason: sCellEventTrap_4_2</p>		
<p>Remedial action: If the problem persists, contact Alcatel-Lucent customer support.</p>		

Table 26-542 IK8451202 - StorageCell Event

Alarm	Attributes	Applicable major releases
Name: IK8451202 (6935) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGmngElement	Severity: critical Specific problem: StorageCell Event (1504) Implicitly cleared: false Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> LR14.3.MG
<p>Description: The Fault Manager on the Storage System Master received an invalid Event Information Packet from the remote Fault Manager. The header information from the invalid Event Information Packet is contained in the ainfo.remote_event field. Note: The content of the ainfo.quiesce_type field, ainfo.events_not_reported field, cinfo.scelcbi structure, cinfo.sctelcbi structure, minfo.scelmi structure, and minfo.sctelmi structure is undefined. Alarm to be cleared by the operator at the management system. Reason: sCellEventTrap_4_c</p>		
<p>Remedial action: If the problem persists, contact Alcatel-Lucent customer support.</p>		

Table 26-543 IK8451208 - StorageCell Event

Alarm	Attributes	Applicable major releases
Name: IK8451208 (6936) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGmngElement	Severity: critical Specific problem: StorageCell Event (1504) Implicitly cleared: false Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> LR14.3.MG
<p>Description: A physical disk drive has reported that it has exceeded its failure prediction threshold. The identity of the physical disk drive is contained in the device field. The Fibre Channel port used to communicate with the physical disk drive is contained in the cerp_id field. The HSV110 controller internal Fibre Channel port number used to communicate with the physical disk drive is contained in the port field. The arbitrated loop physical address of the physical disk drive is contained in the al_pa field. The location of the physical disk drive is determined by the content of the dencl_num field as follows: . If dencl_num is less than 99, the location is as indicated by the content of the rack_num, dencl_num, and bay fields. . If dencl_num is equal to 99, the location is unknown. Note that the content of the rack_num and bay fields is undefined in this case. . If dencl_num is greater than 99, the HSV110 controller does not have proof of the current location but the last known location is indicated by the content of the rack_num, dencl_num, and bay fields. Subtract 100 from the content of those fields to determine the actual last known location. If there have been no configuration changes, the last known location values will be accurate. The identity contained in the device field should be used to confirm the last known location values. . Note that the content of the rack_num field will not be valid until a future release. The Fibre Channel Exchange Descriptor class is contained in the fed_class field. The command issued to the physical disk drive is contained in the cmd field. The sense data obtained from the physical disk drive as a result of the failure prediction threshold exceeded error is contained in the error field. The enclosures array shows the drive enclosures available on the Fibre Channel port identified in the cerp_id field. The location of an available drive enclosure is determined by the content of the enclosures.dencl_num field as follows: . If enclosures.dencl_num is less than 99, the location is as indicated by the content of the enclosures.rack_num and enclosures.dencl_num fields. . If enclosures.dencl_num is equal to 99, the enclosures array entry is not used. Note that the content of the enclosures.rack_num field is undefined in this case. . If enclosures.dencl_num is greater than 99, the HSV110 controller does not have proof of the current location but the last known location is indicated by the content of the enclosures.rack_num and enclosures.dencl_num fields. Subtract 100 from the content of those fields to determine the actual last known location. If there have been no configuration changes, the last known location values will be accurate. . Note that the content of the enclosures.rack_num field will not be valid until a future release. Alarm to be cleared by the operator at the management system. Reason: sCellEventTrap_6_0</p>		
<p>Remedial action: If the problem persists, contact Alcatel-Lucent customer support.</p>		

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Table 26-544 IK8451216 - StorageCell Event

Alarm	Attributes	Applicable major releases
Name: IK8451216 (6937) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGmngElement	Severity: critical Specific problem: StorageCell Event (1504) Implicitly cleared: false Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> LR14.3.MG
<p>Description: A physical disk drive has reported numerous failure prediction threshold exceeded errors. The identity of the physical disk drive is contained in the device field. The Fibre Channel port used to communicate with the physical disk drive is contained in the cerp_id field. The HSV110 controller internal Fibre Channel port number used to communicate with the physical disk drive is contained in the port field. The arbitrated loop physical address of the physical disk drive is contained in the al_pa field. The missing_port and missing_cerp_id fields are unused. The location of the physical disk drive is determined by the content of the dencl_num field as follows: . If dencl_num is less than 99, the location is as indicated by the content of the rack_num, dencl_num, and bay fields. . If dencl_num is equal to 99, the location is unknown. Note that the content of the rack_num and bay fields is undefined in this case. . If dencl_num is greater than 99, the HSV110 controller does not have proof of the current location but the last known location is indicated by the content of the rack_num, dencl_num, and bay fields. Subtract 100 from the content of those fields to determine the actual last known location. If there have been no configuration changes, the last known location values will be accurate. The identity contained in the device field should be used to confirm the last known location values. . Note that the content of the rack_num field will not be valid until a future release. The Fibre Channel Exchange Descriptor class is contained in the fed_class field. The num_times field is the number of failure prediction threshold exceeded errors reported by the physical disk drive in the previous minute. The enclosures array shows the drive enclosures available on the Fibre Channel port identified in the cerp_id field. The location of an available drive enclosure is determined by the content of the enclosures.dencl_num field as follows: . If enclosures.dencl_num is less than 99, the location is as indicated by the content of the enclosures.rack_num and enclosures.dencl_num fields. . If enclosures.dencl_num is equal to 99, the enclosures array entry is not used. Note that the content of the enclosures.rack_num field is undefined in this case. . If enclosures.dencl_num is greater than 99, the HSV110 controller does not have proof of the current location but the last known location is indicated by the content of the enclosures.rack_num and enclosures.dencl_num fields. Subtract 100 from the content of those fields to determine the actual last known location. If there have been no configuration changes, the last known location values will be accurate. . Note that the content of the enclosures.rack_num field will not be valid until a future release.\nAlarm to be cleared by the operator at the management system.\nReason: sCellEventTrap_6_9</p>		
<p>Remedial action: If the problem persists, contact Alcatel-Lucent customer support.</p>		

Table 26-545 IK8451221 - StorageCell Event

Alarm	Attributes	Applicable major releases
Name: IK8451221 (6938) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGmngElement	Severity: critical Specific problem: StorageCell Event (1504) Implicitly cleared: false Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> LR14.3.MG

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Alarm	Attributes	Applicable major releases
<p>Description: A Drive Enclosure Environmental Monitoring Unit requested a code update but the code update could not be found, so the update was not performed. The identity of the affected Drive Enclosure Environmental Monitoring Unit is contained in the device field. The Fibre Channel port used to communicate with the Drive Enclosure Environmental Monitoring Unit is contained in the cerp_id field. The HSV110 controller internal Fibre Channel port number used to communicate with the Drive Enclosure Environmental Monitoring Unit is contained in the port field. The missing_port and missing_cerp_id fields are unused. The location of the Drive Enclosure Environmental Monitoring Unit is contained in the rack_num and dencI_num fields. Note that the content of the rack_num field will not be valid until a future release. Note also that in this case the content of the al_pa, bay, fed_class and num_times field is undefined. The enclosures array shows the drive enclosures available on the Fibre Channel port identified in the cerp_id field. The location of an available drive enclosure is determined by the content of the enclosures.dencI_num field as follows: . If enclosures.dencI_num is less than 99, the location is as indicated by the content of the enclosures.rack_num and enclosures.dencI_num fields. . If enclosures.dencI_num is equal to 99, the enclosures array entry is not used. Note that the content of the enclosures.rack_num field is undefined in this case. . If enclosures.dencI_num is greater than 99, the HSV110 controller does not have proof of the current location but the last known location is indicated by the content of the enclosures.rack_num and enclosures.dencI_num fields. Subtract 100 from the content of those fields to determine the actual last known location. If there have been no configuration changes, the last known location values will be accurate. . Note that the content of the enclosures.rack_num field will not be valid until a future release.\nAlarm to be cleared by the operator at the management system.\nReason: sCellEventTrap_6_e</p>		
<p>Remedial action: If the problem persists, contact Alcatel-Lucent customer support.</p>		

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Table 26-546 IK8451222 - StorageCell Event

Alarm	Attributes	Applicable major releases
<p>Name: IK8451222 (6939) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGmngElement</p>	<p>Severity: critical Specific problem: StorageCell Event (1504) Implicitly cleared: false Default probable cause: equipmentMalfunction (698)</p>	<ul style="list-style-type: none"> LR14.3.MG
<p>Description: The Drive Enclosure Environmental Monitoring Unit is able to communicate with a physical disk drive but this HSV110 controller is unable to communicate with that physical disk drive on the Fibre Channel bus. The identity of the Drive Enclosure Environmental Monitoring Unit is contained in the device field. The Fibre Channel port used to communicate with the physical disk drive is contained in the cerp_id field. The HSV110 controller internal Fibre Channel port number used to communicate with the physical disk drive is contained in the port field. The missing_port and missing_cerp_id fields are unused. The location of the physical disk drive is contained in the rack_num, dencI_num, and bay fields. Note that the content of the rack_num field will not be valid until a future release. Note also that in this case the content of the al_pa, fed_class and num_times fields is undefined. The enclosures array shows the drive enclosures available on the Fibre Channel port identified in the cerp_id field. The location of an available drive enclosure is determined by the content of the enclosures.dencI_num field as follows: . If enclosures.dencI_num is less than 99, the location is as indicated by the content of the enclosures.rack_num and enclosures.dencI_num fields. . If enclosures.dencI_num is equal to 99, the enclosures array entry is not used. Note that the content of the enclosures.rack_num field is undefined in this case. . If enclosures.dencI_num is greater than 99, the HSV110 controller does not have proof of the current location but the last known location is indicated by the content of the enclosures.rack_num and enclosures.dencI_num fields. Subtract 100 from the content of those fields to determine the actual last known location. If there have been no configuration changes, the last known location values will be accurate. . Note that the content of the enclosures.rack_num field will not be valid until a future release.\nAlarm to be cleared by the operator at the management system.\nReason: sCellEventTrap_6_f</p>		
<p>Remedial action: If the problem persists, contact Alcatel-Lucent customer support.</p>		

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Table 26-547 IK8451226 - StorageCell Event

Alarm	Attributes	Applicable major releases
Name: IK8451226 (6940) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGmngElement	Severity: critical Specific problem: StorageCell Event (1504) Implicitly cleared: false Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> LR14.3.MG
<p>Description: There are too many drive enclosures attached to a Fibre Channel port. The Fibre Channel port with too many drive enclosures attached to the HSV110 controller is contained in the cerp_id field. Note that in this case the content of the bay, fed_class, rack_num, dencl_num and num_times fields is undefined. The enclosures array shows the drive enclosures available on the Fibre Channel port identified in the cerp_id field. The missing_port and missing_cerp_id fields are unused. The location of the identified in the cerp_id field. The device, missing_port and missing_cerp_id fields are unused. The location of the physical disk drive is determined by the content of the dencl_num field as follows: . If enclosures.dencl_num is less than 99, the location is as indicated by the content of the enclosures.rack_num and enclosures.dencl_num fields. . If enclosures.dencl_num is equal to 99, the enclosures array entry is not used. Note that the content of the enclosures.rack_num field is undefined in this case. . If enclosures.dencl_num is greater than 99, the HSV110 controller does not have proof of the current location but the last known location is indicated by the content of the enclosures.rack_num and enclosures.dencl_num fields. Subtract 100 from the content of those fields to determine the actual last known location. If there have been no configuration changes, the last known location values will be accurate. . Note that the content of the enclosures.rack_num field will not be valid until a future release.\nAlarm to be cleared by the operator at the management system.\nReason: sCellEventTrap_6_14</p>		
<p>Remedial action: If the problem persists, contact Alcatel-Lucent customer support.</p>		

Table 26-548 IK8451227 - StorageCell Event

Alarm	Attributes	Applicable major releases
Name: IK8451227 (6941) Type: communicationsAlarm (4) Package: lmg Raised on class: lmg.LMGmngElement	Severity: critical Specific problem: StorageCell Event (1504) Implicitly cleared: false Default probable cause: communicationsSubsystemFailure (915)	<ul style="list-style-type: none"> LR14.3.MG
<p>Description: The cable connected to the I/O module is attached to the wrong Fibre Channel port. The Fibre Channel port incorrectly attached to the HSV110 controller is contained in the cerp_id field. Note that in this case the content of the device, missing_port, missing_cerp_id, bay, fed_class, rack_num, dencl_num and num_times fields is undefined. The enclosures array shows the drive enclosures available on the Fibre Channel port identified in the cerp_id field. The location of an available drive enclosure is determined by the content of the enclosures.dencl_num field as follows: . If enclosures.dencl_num is less than 99, the location is as indicated by the content of the enclosures.rack_num and enclosures.dencl_num fields. . If enclosures.dencl_num is equal to 99, the enclosures array entry is not used. Note that the content of the enclosures.rack_num field is undefined in this case. . If enclosures.dencl_num is greater than 99, the HSV110 controller does not have proof of the current location but the last known location is indicated by the content of the enclosures.rack_num and enclosures.dencl_num fields. Subtract 100 from the content of those fields to determine the actual last known location. If there have been no configuration changes, the last known location values will be accurate. . Note that the content of the enclosures.rack_num field will not be valid until a future release.\nAlarm to be cleared by the operator at the management system.\nReason: sCellEventTrap_6_15</p>		
<p>Remedial action: If the problem persists, contact Alcatel-Lucent customer support.</p>		

Table 26-549 IK8451228 - StorageCell Event

Alarm	Attributes	Applicable major releases
Name: IK8451228 (6942) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGmngElement	Severity: critical Specific problem: StorageCell Event (1504) Implicitly cleared: false Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> LR14.3.MG
Description: A HSV110 controller does not have an address on the enclosure address bus. The HSV110 controller location cannot be identified. Note that in this case the content of the missing_port, missing_cerp_id, bay, fed_class, rack_num, dencl_num, al_pa, device, cerp_id, port, enclosures array and num_times fields is undefined. Alarm to be cleared by the operator at the management system. Reason: sCellEventTrap_6_16		
Remedial action: If the problem persists, contact Alcatel-Lucent customer support.		

Table 26-550 IK8451231 - StorageCell Event

Alarm	Attributes	Applicable major releases
Name: IK8451231 (6943) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGmngElement	Severity: critical Specific problem: StorageCell Event (1504) Implicitly cleared: false Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> LR14.3.MG
Description: A physical disk drive has exceeded its soft error threshold. The identity of the physical disk drive is contained in the device field. The Fibre Channel port used to communicate with the physical disk drive is contained in the cerp_id field. The HSV110 controller internal Fibre Channel port number used to communicate with the physical disk drive is contained in the port field. The arbitrated loop physical address of the physical disk drive is contained in the al_pa field. The location of the physical disk drive is determined by the content of the dencl_num field as follows: . If dencl_num is less than 99, the location is as indicated by the content of the rack_num, dencl_num, and bay fields. . If dencl_num is equal to 99, the location is unknown. Note that the content of the rack_num and bay fields is undefined in this case. . If dencl_num is greater than 99, the HSV110 controller does not have proof of the current location but the last known location is indicated by the content of the rack_num, dencl_num, and bay fields. Subtract 100 from the content of those fields to determine the actual last known location. If there have been no configuration changes, the last known location values will be accurate. The identity contained in the device field should be used to confirm the last known location values. . Note that the content of the rack_num field will not be valid until a future release. Note also that in this case the content of the fed_class, cdb, and sense_data fields is undefined. The enclosures array shows the drive enclosures available on the Fibre Channel port identified in the cerp_id field. The location of an available drive enclosure is determined by the content of the enclosures.dencl_num field as follows: . If enclosures.dencl_num is less than 99, the location is as indicated by the content of the enclosures.rack_num and enclosures.dencl_num fields. . If enclosures.dencl_num is equal to 99, the enclosures array entry is not used. Note that the content of the enclosures.rack_num field is undefined in this case. . If enclosures.dencl_num is greater than 99, the HSV110 controller does not have proof of the current location but the last known location is indicated by the content of the enclosures.rack_num and enclosures.dencl_num fields. Subtract 100 from the content of those fields to determine the actual last known location. If there have been no configuration changes, the last known location values will be accurate. . Note that the content of the enclosures.rack_num field will not be valid until a future release. Alarm to be cleared by the operator at the management system. Reason: sCellEventTrap_6_1a		
Remedial action: If the problem persists, contact Alcatel-Lucent customer support.		

Table 26-551 IK8451235 - StorageCell Event

Alarm	Attributes	Applicable major releases
Name: IK8451235 (6944) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGmngElement	Severity: critical Specific problem: StorageCell Event (1504) Implicitly cleared: false Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> LR14.3.MG
<p>Description: A HSV110 controller has detected only one port of a Fibre Channel device. This Fibre Channel device has entered the Single Port on Fibre state which should be corrected as soon as possible. The identity of the Fibre Channel device is contained in the device field. The Fibre Channel port still able to communicate with the Fibre Channel device is contained in the cerp_id field. The HSV110 controller internal Fibre Channel port number able to communicate with the Fibre Channel device is contained in the port field. The Fibre Channel port unable to communicate with the Fibre Channel device is contained in the missing_cerp_id field. The HSV110 controller internal Fibre Channel port number unable to communicate with the Fibre Channel device is contained in the missing_port field. The arbitrated loop physical address of the Fibre Channel device is contained in the al_pa field. The location of the Fibre Channel device is determined by the content of the denc1_num field as follows: . If denc1_num is less than 99, the location is as indicated by the content of the rack_num, denc1_num, and bay fields. . If denc1_num is equal to 99, the location is unknown. Note that the content of the rack_num and bay fields is undefined in this case. . If denc1_num is greater than 99, the HSV110 controller does not have proof of the current location but the last known location is indicated by the content of the rack_num, denc1_num, and bay fields. Subtract 100 from the content of those fields to determine the actual last known location. If there have been no configuration changes, the last known location values will be accurate. The identity contained in the device field should be used to confirm the last known location values. . Note that the content of the rack_num field will not be valid until a future release. Note also that in this case the content of the fed_class, and num_times fields is undefined. The enclosures array shows the drive enclosures available on the Fibre Channel port identified in the cerp_id field. The location of an available drive enclosure is determined by the content of the enclosures.denc1_num field as follows: . If enclosures.denc1_num is less than 99, the location is as indicated by the content of the enclosures.rack_num and enclosures.denc1_num fields. . If enclosures.denc1_num is equal to 99, the enclosures array entry is not used. Note that the content of the enclosures.rack_num field is undefined in this case. . If enclosures.denc1_num is greater than 99, the HSV110 controller does not have proof of the current location but the last known location is indicated by the content of the enclosures.rack_num and enclosures.denc1_num fields. Subtract 100 from the content of those fields to determine the actual last known location. If there have been no configuration changes, the last known location values will be accurate. . Note that the content of the enclosures.rack_num field will not be valid until a future release.\nAlarm to be cleared by the operator at the management system.\nReason: sCellEventTrap_6_1e</p>		
<p>Remedial action: If the problem persists, contact Alcatel-Lucent customer support.</p>		

Table 26-552 IK8451237 - StorageCell Event

Alarm	Attributes	Applicable major releases
Name: IK8451237 (6945) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGmngElement	Severity: critical Specific problem: StorageCell Event (1504) Implicitly cleared: false Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> LR14.3.MG

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Alarm	Attributes	Applicable major releases
<p>Description: An unsupported Fibre Channel device has been detected. The drive has been failed to prevent possible data corruption or system instability. The identity of the Fibre Channel device is contained in the device field. The Fibre Channel port used to communicate with the Fibre Channel device is contained in the cerp_id field. The HSV110 controller internal Fibre Channel port number used to communicate with the Fibre Channel device is contained in the port field. The arbitrated loop physical address of the Fibre Channel device is contained in the al_pa field. The missing_port and missing_cerp_id fields are unused. The location of the Fibre Channel device is determined by the content of the denc1_num field as follows: . If denc1_num is less than 99, the location is as indicated by the content of the rack_num, denc1_num, and bay fields. . If denc1_num is equal to 99, the location is unknown. Note that the content of the rack_num and bay fields is undefined in this case. . If denc1_num is greater than 99, the HSV110 controller does not have proof of the current location but the last known location is indicated by the content of the rack_num, denc1_num, and bay fields. Subtract 100 from the content of those fields to determine the actual last known location. If there have been no configuration changes, the last known location values will be accurate. The identity contained in the device field should be used to confirm the last known location values. . Note that the content of the rack_num field will not be valid until a future release. Note also that in this case the content of the fed_class and num_times fields is undefined. The enclosures array shows the drive enclosures available on the Fibre Channel port identified in the cerp_id field. The location of an available drive enclosure is determined by the content of the enclosures.denc1_num field as follows: . If enclosures.denc1_num is less than 99, the location is as indicated by the content of the enclosures.rack_num and enclosures.denc1_num fields. . If enclosures.denc1_num is equal to 99, the enclosures array entry is not used. Note that the content of the enclosures.rack_num field is undefined in this case. . If enclosures.denc1_num is greater than 99, the HSV110 controller does not have proof of the current location but the last known location is indicated by the content of the enclosures.rack_num and enclosures.denc1_num fields. Subtract 100 from the content of those fields to determine the actual last known location. If there have been no configuration changes, the last known location values will be accurate. . Note that the content of the enclosures.rack_num field will not be valid until a future release.\nAlarm to be cleared by the operator at the management system.\nReason: sCellEventTrap_6_20</p>		
<p>Remedial action: If the problem persists, contact Alcatel-Lucent customer support.</p>		

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Table 26-553 IK8451241 - StorageCell Event

Alarm	Attributes	Applicable major releases
<p>Name: IK8451241 (6946) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGmngElement</p>	<p>Severity: critical Specific problem: StorageCell Event (1504) Implicitly cleared: false Default probable cause: equipmentMalfunction (698)</p>	<ul style="list-style-type: none"> LR14.3.MG
<p>Description: A Drive Enclosure Environmental Monitoring Unit has failed to assign a hard address to a physical disk drive on the loop. The device field contains the identity of the enclosure. The Fibre Channel port used to communicate with the physical disk drive is contained in the cerp_id field. The HSV110 controller internal Fibre Channel port number used to communicate with the physical disk drive is contained in the port field. The al_pa field contains the expected AL_PA, and the num_times field contains the actual AL_PA. The missing_port and missing_cerp_id fields are unused. The location of the physical disk drive is determined by the content of the denc1_num field as follows: . If denc1_num is less than 99, the location is as indicated by the content of the rack_num, denc1_num, and bay fields. . If denc1_num is equal to 99, the location is unknown. Note that the content of the rack_num and bay fields is undefined in this case. . If denc1_num is greater than 99, the HSV110 controller does not have proof of the current location but the last known location is indicated by the content of the rack_num, denc1_num, and bay fields. Subtract 100 from the content of those fields to determine the actual last known location. If there have been no configuration changes, the last known location values will be accurate. The identity contained in the device field should be used to confirm the last known location values. . Note that the content of the rack_num field will not be valid until a future release. Note that in this case the content of the fed_class is undefined. The enclosures array shows the drive enclosures available on the Fibre Channel port identified in the cerp_id field. The location of an available drive enclosure is determined by the content of the enclosures.denc1_num field as follows: . If enclosures.denc1_num is less than 99, the location is as indicated by the content of the enclosures.rack_num and enclosures.denc1_num fields. . If enclosures.denc1_num is equal to 99, the enclosures array entry is not used. Note that the content of the enclosures.rack_num field is undefined in this case. . If enclosures.denc1_num is greater than 99, the HSV110 controller does not have proof of the current location but the last known location is indicated by the content of the enclosures.rack_num and enclosures.denc1_num fields. Subtract 100 from the content of those fields to determine the actual last known location. If there have been no configuration changes, the last known location values will be accurate. . Note that the content of the enclosures.rack_num field will not be valid until a future release.\nAlarm to be cleared by the operator at the management system.\nReason: sCellEventTrap_6_25</p>		

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Alarm	Attributes	Applicable major releases
Remedial action: If the problem persists, contact Alcatel-Lucent customer support.		

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Table 26-554 IK8451242 - StorageCell Event

Alarm	Attributes	Applicable major releases
Name: IK8451242 (6947) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGmngElement	Severity: critical Specific problem: StorageCell Event (1504) Implicitly cleared: false Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> LR14.3.MG
<p>Description: A Drive Enclosure Environmental Monitoring Unit has failed to assign an address to a physical disk drive on the loop. This has occurred because another physical disk drive has already obtained this AL_PA. The device field contains the identity of the enclosure. The Fibre Channel port used to communicate with the physical disk drive is contained in the cerp_id field. The HSV110 controller internal Fibre Channel port number used to communicate with the physical disk drive is contained in the port field. The al_pa field contains the AL_PA that was stolen. The missing_port and missing_cerp_id fields are unused. The location of the physical disk drive is determined by the content of the dencl_num field as follows: . If dencl_num is less than 99, the location is as indicated by the content of the rack_num, dencl_num, and bay fields. . If dencl_num is equal to 99, the location is unknown. Note that the content of the rack_num and bay fields is undefined in this case. . If dencl_num is greater than 99, the HSV110 controller does not have proof of the current location but the last known location is indicated by the content of the rack_num, dencl_num, and bay fields. Subtract 100 from the content of those fields to determine the actual last known location. If there have been no configuration changes, the last known location values will be accurate. The identity contained in the device field should be used to confirm the last known location. . Note that the content of the rack_num field will not be valid until a future release. Note also that in this case the content of the fed_class and num_times fields is undefined. The enclosures array shows the drive enclosures available on the Fibre Channel port identified in the cerp_id field. The location of an available drive enclosure is determined by the content of the enclosures.dencl_num field as follows: . If enclosures.dencl_num is less than 99, the location is as indicated by the content of the enclosures.rack_num and enclosures.dencl_num fields. . If enclosures.dencl_num is equal to 99, the enclosures array entry is not used. Note that the content of the enclosures.rack_num field is undefined in this case. . If enclosures.dencl_num is greater than 99, the HSV110 controller does not have proof of the current location but the last known location is indicated by the content of the enclosures.rack_num and enclosures.dencl_num fields. Subtract 100 from the content of those fields to determine the actual last known location. If there have been no configuration changes, the last known location values will be accurate. . Note that the content of the enclosures.rack_num field will not be valid until a future release.\nAlarm to be cleared by the operator at the management system.\nReason: sCellEventTrap_6_26</p>		
Remedial action: If the problem persists, contact Alcatel-Lucent customer support.		

Table 26-555 IK8451243 - StorageCell Event

Alarm	Attributes	Applicable major releases
Name: IK8451243 (6948) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGmngElement	Severity: critical Specific problem: StorageCell Event (1504) Implicitly cleared: false Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> LR14.3.MG

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Alarm	Attributes	Applicable major releases
<p>Description: A Drive Enclosure Environmental Monitoring Unit has failed to assign address(s) to a physical disk drive on the loop. Soft addressing was detected for this enclosure. The device field contains the identity of the enclosure. The Fibre Channel port used to communicate with the physical disk drive is contained in the <code>cerp_id</code> field. The HSV110 controller internal Fibre Channel port number used to communicate with the physical disk drive is contained in the <code>port</code> field. The <code>missing_port</code> and <code>missing_cerp_id</code> fields are unused. The location of the physical disk drive is determined by the content of the <code>denc1_num</code> field as follows: . If <code>denc1_num</code> is less than 99, the location is as indicated by the content of the <code>rack_num</code>, <code>denc1_num</code>, and <code>bay</code> fields. . If <code>denc1_num</code> is equal to 99, the location is unknown. Note that the content of the <code>rack_num</code> and <code>bay</code> fields is undefined in this case. . If <code>denc1_num</code> is greater than 99, the HSV110 controller does not have proof of the current location but the last known location is indicated by the content of the <code>rack_num</code>, <code>denc1_num</code>, and <code>bay</code> fields. Subtract 100 from the content of those fields to determine the actual last known location. If there have been no configuration changes, the last known location values will be accurate. The identity contained in the <code>device</code> field should be used to confirm the last known location values. . Note that the content of the <code>rack_num</code> field will not be valid until a future release. Note also that in this case the content of the <code>fed_class</code>, <code>al_pa</code>, and <code>num_times</code> fields is undefined. The <code>enclosures</code> array shows the drive enclosures available on the Fibre Channel port identified in the <code>cerp_id</code> field. The location of an available drive enclosure is determined by the content of the <code>enclosures.denc1_num</code> field as follows: . If <code>enclosures.denc1_num</code> is less than 99, the location is as indicated by the content of the <code>enclosures.rack_num</code> and <code>enclosures.denc1_num</code> fields. . If <code>enclosures.denc1_num</code> is equal to 99, the <code>enclosures</code> array entry is not used. Note that the content of the <code>enclosures.rack_num</code> field is undefined in this case. . If <code>enclosures.denc1_num</code> is greater than 99, the HSV110 controller does not have proof of the current location but the last known location is indicated by the content of the <code>enclosures.rack_num</code> and <code>enclosures.denc1_num</code> fields. Subtract 100 from the content of those fields to determine the actual last known location. If there have been no configuration changes, the last known location values will be accurate. . Note that the content of the <code>enclosures.rack_num</code> field will not be valid until a future release.\nAlarm to be cleared by the operator at the management system.\nReason: sCellEventTrap_6_27</p>		
<p>Remedial action: If the problem persists, contact Alcatel-Lucent customer support.</p>		

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Table 26-556 IK8451247 - StorageCell Event

Alarm	Attributes	Applicable major releases
<p>Name: IK8451247 (6949) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGmngElement</p>	<p>Severity: critical Specific problem: StorageCell Event (1504) Implicitly cleared: false Default probable cause: equipmentMalfunction (698)</p>	<ul style="list-style-type: none"> LR14.3.MG
<p>Description: A physical disk drive was bypassed rendering it unusable. The physical disk drive is unusable because a Drive Enclosure Environmental Monitoring Unit bypassed a drive bay or the physical disk drive left itself bypassed. The physical disk drive is not available to the HSV110 controllers and will not be displayed by the HSV element manager GUI. The physical disk drive fault led will be lit to indicate that it is unusable. The Fibre Channel port over which this condition was detected is identified in the <code>cerp_id</code> field. The HSV110 controller internal Fibre Channel port over which this condition was detected is contained in the <code>port</code> field. The <code>al_pa</code> field is invalid. The location of the physical disk drive is as indicated by the content of the <code>rack_num</code>, <code>denc1_num</code>, and <code>bay</code> fields. Note that the content of the <code>rack_num</code> field will not be valid until a future release. The <code>bypass_reason</code> field is used to indicate how the physical disk drive was bypassed: . 1 = " The physical disk drive left itself bypassed . 2 = The Drive Enclosure Environmental Monitoring Unit bypassed the drive bay . The Drive Enclosure Environmental Monitoring Unit is identified in the <code>device</code> field. Additionally, the content of the <code>pid</code>, <code>rev</code>, and <code>enclosures</code> array fields is undefined in this case.\nAlarm to be cleared by the operator at the management system.\nReason: sCellEventTrap_6_2b"</p>		
<p>Remedial action: If the problem persists, contact Alcatel-Lucent customer support.</p>		

Table 26-557 IK8451251 - StorageCell Event

Alarm	Attributes	Applicable major releases
Name: IK8451251 (6950) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGmngElement	Severity: critical Specific problem: StorageCell Event (1504) Implicitly cleared: false Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> LR14.3.MG
<p>Description: A HSV110 controller has detected only one port of all Fibre Channel devices in an enclosure. These Fibre Channel devices have entered the Single Port on Fibre state which should be corrected as soon as possible. The identity of the Fibre Channel device enclosure is contained in the device field. The Fibre Channel port still able to communicate with the Fibre Channel device is contained in the cerp_id field. The HSV110 controller internal Fibre Channel port number able to communicate with the Fibre Channel device is contained in the missing_cerp_id field. The HSV110 controller internal Fibre Channel port number unable to communicate with the Fibre Channel device is contained in the missing_port field. The al_pa and bay fields are invalid. The location of the Fibre Channel enclosure is determined by the content of the dencl_num field as follows: . If dencl_num is less than 99, the location is as indicated by the content of the rack_num and dencl_num fields. . If dencl_num is equal to 99, the location is unknown. Note that the content of the rack_num field is undefined in this case. . If dencl_num is greater than 99, the HSV110 controller does not have proof of the current location but the last known location is indicated by the content of the rack_num and dencl_num fields. Subtract 100 from the content of those fields to determine the actual last known location. If there have been no configuration changes, the last known location values will be accurate. The identity contained in the device field should be used to confirm the last known location values. . Note that the content of the rack_num field will not be valid until a future release. Note also that in this case the content of the fed_class, and num_times fields is undefined. The enclosures array shows the drive enclosures available on the Fibre Channel port identified in the cerp_id field. The location of an available drive enclosure is determined by the content of the enclosures.dencl_num field as follows: . If enclosures.dencl_num is less than 99, the location is as indicated by the content of the enclosures.rack_num and enclosures.dencl_num fields. . If enclosures.dencl_num is equal to 99, the enclosures array entry is not used. Note that the content of the enclosures.rack_num field is undefined in this case. . If enclosures.dencl_num is greater than 99, the HSV110 controller does not have proof of the current location but the last known location is indicated by the content of the enclosures.rack_num and enclosures.dencl_num fields. Subtract 100 from the content of those fields to determine the actual last known location. If there have been no configuration changes, the last known location values will be accurate. . Note that the content of the enclosures.rack_num field will not be valid until a future release.\nAlarm to be cleared by the operator at the management system.\nReason: sCellEventTrap_6_30</p>		
<p>Remedial action: If the problem persists, contact Alcatel-Lucent customer support.</p>		

Table 26-558 IK8451253 - StorageCell Event

Alarm	Attributes	Applicable major releases
Name: IK8451253 (6951) Type: communicationsAlarm (4) Package: lmg Raised on class: lmg.LMGmngElement	Severity: critical Specific problem: StorageCell Event (1504) Implicitly cleared: false Default probable cause: communicationsSubsystemFailure (915)	<ul style="list-style-type: none"> LR14.3.MG
<p>Description: A HSV110 controller has detected only one port of all Fibre Channel devices on a loop. These Fibre Channel devices have entered the Single Port on Fibre state which should be corrected as soon as possible. The device, al_pa, dencl_num, and bay fields are all invalid. The Fibre Channel port still able to communicate with the Fibre Channel device is contained in the cerp_id field. The HSV110 controller internal Fibre Channel port number able to communicate with the Fibre Channel device is contained in the port field. The Fibre Channel port unable to communicate with the Fibre Channel device is contained in the missing_cerp_id field. The HSV110 controller internal Fibre Channel port number unable to communicate with the Fibre Channel device is contained in the missing_port field.\nAlarm to be cleared by the operator at the management system.\nReason: sCellEventTrap_6_32</p>		
<p>Remedial action: If the problem persists, contact Alcatel-Lucent customer support.</p>		

Table 26-559 IK8451256 - StorageCell Event

Alarm	Attributes	Applicable major releases
Name: IK8451256 (6952) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGmngElement	Severity: critical Specific problem: StorageCell Event (1504) Implicitly cleared: false Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> LR14.3.MG
<p>Description: An unrecognized Fibre Channel physical disk drive firmware revision has been detected by the physical disk drive firmware load process. The identity of the physical disk drive is contained in the device field. The Fibre Channel port used to communicate with the physical disk drive is contained in the cerp_id field. The HSV110 controller internal Fibre Channel port number used to communicate with the physical disk drive is contained in the port field. The arbitrated loop physical address of the physical disk drive is contained in the al_pa field. The bypass_reason field is invalid. The location of the physical disk drive is determined by the content of the denc1_num field as follows: . If denc1_num is less than 99, the location is as indicated by the content of the rack_num, denc1_num, and bay fields. . If denc1_num is equal to 99, the location is unknown. Note that the content of the rack_num, al_pa and bay fields is undefined in this case. . If denc1_num is greater than 99, the HSV110 controller does not have proof of the current location but the last known location is indicated by the content of the rack_num, denc1_num, and bay fields. Subtract 100 from the content of those fields to determine the actual last known location. If there have been no configuration changes, the last known location values will be accurate. The identity contained in the device field should be used to confirm the last known location values. . Note that the content of the rack_num field will not be valid until a future release. The pid field contains the SCSI Inquiry Product Identification obtained from the physical disk drive. The rev field contains the current firmware revision obtained from the physical disk drive. The new_rev field contains the latest firmware version known to the controller, or blanks if it isn't a known version. The enclosures array shows the drive enclosures available on the Fibre Channel port identified in the cerp_id field. The location of an available drive enclosure is determined by the content of the enclosures.denc1_num field as follows: . If enclosures.denc1_num is less than 99, the location is as indicated by the content of the enclosures.rack_num and enclosures.denc1_num fields. . If enclosures.denc1_num is equal to 99, the enclosures array entry is not used. Note that the content of the enclosures.rack_num field is undefined in this case. . If enclosures.denc1_num is greater than 99, the HSV110 controller does not have proof of the current location but the last known location is indicated by the content of the enclosures.rack_num and enclosures.denc1_num fields. Subtract 100 from the content of those fields to determine the actual last known location. If there have been no configuration changes, the last known location values will be accurate. . Note that the content of the enclosures.rack_num field will not be valid until a future release.\nAlarm to be cleared by the operator at the management system.\nReason: sCellEventTrap_6_35</p>		
<p>Remedial action: If the problem persists, contact Alcatel-Lucent customer support.</p>		

Table 26-560 IK8451257 - StorageCell Event

Alarm	Attributes	Applicable major releases
Name: IK8451257 (6953) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGmngElement	Severity: critical Specific problem: StorageCell Event (1504) Implicitly cleared: false Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> LR14.3.MG

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Alarm	Attributes	Applicable major releases
<p>Description: An unsupported Fibre Channel physical disk drive firmware revision has been detected by the physical disk drive firmware load process. The identity of the physical disk drive is contained in the device field. The Fibre Channel port used to communicate with the physical disk drive is contained in the cerp_id field. The HSV110 controller internal Fibre Channel port number used to communicate with the physical disk drive is contained in the port field. The arbitrated loop physical address of the physical disk drive is contained in the al_pa field. The bypass_reason field is invalid. The location of the physical disk drive is determined by the content of the denc_l_num field as follows: . If denc_l_num is less than 99, the location is as indicated by the content of the rack_num, denc_l_num, and bay fields. . If denc_l_num is equal to 99, the location is unknown. Note that the content of the rack_num, al_pa and bay fields is undefined in this case. . If denc_l_num is greater than 99, the HSV110 controller does not have proof of the current location but the last known location is indicated by the content of the rack_num, denc_l_num, and bay fields. Subtract 100 from the content of those fields to determine the actual last known location. If there have been no configuration changes, the last known location values will be accurate. The identity contained in the device field should be used to confirm the last known location values. . Note that the content of the rack_num field will not be valid until a future release. The pid field contains the SCSI Inquiry Product Identification obtained from the physical disk drive. The rev field contains the current firmware revision obtained from the physical disk drive. The new_rev field contains the latest firmware version known to the controller, or blanks if the isn't a known version. The enclosures array shows the drive enclosures available on the Fibre Channel port identified in the cerp_id field. The location of an available drive enclosure is determined by the content of the enclosures.denc_l_num field as follows: . If enclosures.denc_l_num is less than 99, the location is as indicated by the content of the enclosures.rack_num and enclosures.denc_l_num fields. . If enclosures.denc_l_num is equal to 99, the enclosures array entry is not used. Note that the content of the enclosures.rack_num field is undefined in this case. . If enclosures.denc_l_num is greater than 99, the HSV110 controller does not have proof of the current location but the last known location is indicated by the content of the enclosures.rack_num and enclosures.denc_l_num fields. Subtract 100 from the content of those fields to determine the actual last known location. If there have been no configuration changes, the last known location values will be accurate. . Note that the content of the enclosures.rack_num field will not be valid until a future release.\nAlarm to be cleared by the operator at the management system.\nReason: sCellEventTrap_6_36</p>		
<p>Remedial action: If the problem persists, contact Alcatel-Lucent customer support.</p>		

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Table 26-561 IK8451265 - StorageCell Event

Alarm	Attributes	Applicable major releases
<p>Name: IK8451265 (6954) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGmngElement</p>	<p>Severity: critical Specific problem: StorageCell Event (1504) Implicitly cleared: false Default probable cause: equipmentMalfunction (698)</p>	<ul style="list-style-type: none"> LR14.3.MG
<p>Description: The HSV110 controller has detected an enclosure on the Fibre Channel but is unable to communicate with the EMU on the CAB bus or the EMU is reporting an invalid enclosure number. All fields except port and rack are invalid. other fields are invalid.\nAlarm to be cleared by the operator at the management system.\nReason: sCellEventTrap_6_3e</p>		
<p>Remedial action: If the problem persists, contact Alcatel-Lucent customer support.</p>		

Table 26-562 IK8451287 - StorageCell Event

Alarm	Attributes	Applicable major releases
<p>Name: IK8451287 (6955) Type: environmentalAlarm (2) Package: lmg Raised on class: lmg.LMGmngElement</p>	<p>Severity: critical Specific problem: StorageCell Event (1504) Implicitly cleared: false Default probable cause: temperatureUnacceptable (721)</p>	<ul style="list-style-type: none"> LR14.3.MG

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Alarm	Attributes	Applicable major releases
<p>Description: The temperature trip point for a temperature sensor located within an HSV110 controller has been reached. The HSV110 controller is identified in the handle field. The value.u1 field contains the current temperature reading from I2C sensor 1 in degrees celsius while the value.u2 field contains the adjusted reading from I2C sensor 2. The set temperature trip point is contained in the secondary_id field.\nAlarm to be cleared by the operator at the management system.\nReason: sCellEventTrap_9_e</p>		
<p>Remedial action: If the problem persists, contact Alcatel-Lucent customer support.</p>		

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Table 26-563 IK8451290 - StorageCell Event

Alarm	Attributes	Applicable major releases
<p>Name: IK8451290 (6956) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGmngElement</p>	<p>Severity: critical Specific problem: StorageCell Event (1504) Implicitly cleared: false Default probable cause: equipmentMalfunction (698)</p>	<ul style="list-style-type: none"> LR14.3.MG
<p>Description: The '1' blower located within the HSV110 controller identified in the handle field is running slower than the lowest acceptable speed. The secondary_id field contains the '1' blower assembly internal identifier value: 1. The value.u1 field contains the current speed of the '1' blower. The value.u2 field contains the lowest acceptable speed for the '1' blower.\nAlarm to be cleared by the operator at the management system.\nReason: sCellEventTrap_9_12</p>		
<p>Remedial action: If the problem persists, contact Alcatel-Lucent customer support.</p>		

Table 26-564 IK8451295 - StorageCell Event

Alarm	Attributes	Applicable major releases
<p>Name: IK8451295 (6957) Type: environmentalAlarm (2) Package: lmg Raised on class: lmg.LMGmngElement</p>	<p>Severity: critical Specific problem: StorageCell Event (1504) Implicitly cleared: false Default probable cause: batteryFailure (649)</p>	<ul style="list-style-type: none"> LR14.3.MG
<p>Description: An HSV110 controller's battery assembly has been removed. The Battery Present flag for battery assembly '1' located within the HSV110 controller identified in the handle field has changed from PRESENT to NOT PRESENT indicating that the battery assembly was removed. The secondary_id field contains the battery assembly '1' internal identifier value: 1. The value.u1 field contains the new state of the Battery Present flag: 0 (NOT PRESENT). The value.u2 field contains the old state of the Battery Present flag: 1 (PRESENT).\nAlarm to be cleared by the operator at the management system.\nReason: sCellEventTrap_9_17</p>		
<p>Remedial action: If the problem persists, contact Alcatel-Lucent customer support.</p>		

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Table 26-565 IK8451301 - StorageCell Event

Alarm	Attributes	Applicable major releases
Name: IK8451301 (6958) Type: environmentalAlarm (2) Package: lmg Raised on class: lmg.LMGmngElement	Severity: critical Specific problem: StorageCell Event (1504) Implicitly cleared: false Default probable cause: batteryFailure (649)	<ul style="list-style-type: none"> LR14.3.MG
<p>Description: An HSV110 controller's battery assembly has malfunctioned. The Battery In Use flag for battery assembly '1' located within the HSV110 controller identified in the handle field has transitioned from the IN USE to NOT IN USE state indicating that the battery assembly has malfunctioned. The secondary_id field contains the battery assembly '1' internal identifier value: 1. The value.ul1 field contains the new state of the Battery In Use flag: 0 (NOT IN USE). The value.ul2 field contains the old state of the Battery In Use flag: 1 (IN USE).\nAlarm to be cleared by the operator at the management system.\nReason: sCellEventTrap_9_1d</p>		
<p>Remedial action: If the problem persists, contact Alcatel-Lucent customer support.</p>		

Table 26-566 IK8451303 - StorageCell Event

Alarm	Attributes	Applicable major releases
Name: IK8451303 (6959) Type: environmentalAlarm (2) Package: lmg Raised on class: lmg.LMGmngElement	Severity: critical Specific problem: StorageCell Event (1504) Implicitly cleared: false Default probable cause: batteryFailure (649)	<ul style="list-style-type: none"> LR14.3.MG
<p>Description: An HSV110 controller's battery assembly has been removed. The Battery Present flag for battery assembly '2' located within the HSV110 controller identified in the handle field has changed from PRESENT to NOT PRESENT indicating that the battery assembly was removed. The secondary_id field contains the battery assembly '2' internal identifier value: 2. The value.ul1 field contains the new state of the Battery Present flag: 0 (NOT PRESENT). The value.ul2 field contains the old state of the Battery Present flag: 1 (PRESENT).\nAlarm to be cleared by the operator at the management system.\nReason: sCellEventTrap_9_1f</p>		
<p>Remedial action: If the problem persists, contact Alcatel-Lucent customer support.</p>		

Table 26-567 IK8451306 - StorageCell Event

Alarm	Attributes	Applicable major releases
Name: IK8451306 (6960) Type: environmentalAlarm (2) Package: lmg Raised on class: lmg.LMGmngElement	Severity: critical Specific problem: StorageCell Event (1504) Implicitly cleared: false Default probable cause: batteryFailure (649)	<ul style="list-style-type: none"> LR14.3.MG
<p>Description: An HSV110 controller's battery assembly has malfunctioned. The Battery In Use flag for battery assembly '2' located within the HSV110 controller identified in the handle field has transitioned from the IN USE to NOT IN USE state indicating that the battery assembly has malfunctioned. The secondary_id field contains the battery assembly '2' internal identifier value: 2. The value.ul1 field contains the new state of the Battery In Use flag: 0 (NOT IN USE). The value.ul2 field contains the old state of the Battery In Use flag: 1 (IN USE).\nAlarm to be cleared by the operator at the management system.\nReason: sCellEventTrap_9_22</p>		
<p>Remedial action: If the problem persists, contact Alcatel-Lucent customer support.</p>		

Table 26-568 IK8451307 - StorageCell Event

Alarm	Attributes	Applicable major releases
Name: IK8451307 (6961) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGmngElement	Severity: critical Specific problem: StorageCell Event (1504) Implicitly cleared: false Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> LR14.3.MG
<p>Description: The Blower Present flag for the '2' blower assembly located within the HSV110 controller identified in the handle field has transitioned from the PRESENT to NOT PRESENT state indicating that the blower has been removed. The secondary_id field contains the '2' blower assembly internal identifier value: 2. The value.ul1 field contains the new state of the Blower Present flag: 0 (NOT PRESENT). The value.ul2 field contains the old state of the Blower Present flag: 1 (PRESENT).\nAlarm to be cleared by the operator at the management system.\nReason: sCellEventTrap_9_23</p>		
<p>Remedial action: If the problem persists, contact Alcatel-Lucent customer support.</p>		

Table 26-569 IK8451309 - StorageCell Event

Alarm	Attributes	Applicable major releases
Name: IK8451309 (6962) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGmngElement	Severity: critical Specific problem: StorageCell Event (1504) Implicitly cleared: false Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> LR14.3.MG
<p>Description: The '2' blower located within the HSV110 controller identified in the handle field is running slower than the lowest acceptable speed. The secondary_id field contains the '2' blower assembly internal identifier value: 2. The value.ul1 field contains the current speed of the '2' blower. The value.ul2 field contains the lowest acceptable speed for the '2' blower.\nAlarm to be cleared by the operator at the management system.\nReason: sCellEventTrap_9_25</p>		
<p>Remedial action: If the problem persists, contact Alcatel-Lucent customer support.</p>		

Table 26-570 IK8451310 - StorageCell Event

Alarm	Attributes	Applicable major releases
Name: IK8451310 (6963) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGmngElement	Severity: critical Specific problem: StorageCell Event (1504) Implicitly cleared: false Default probable cause: powerProblem (911)	<ul style="list-style-type: none"> LR14.3.MG
<p>Description: An HSV110 controller's '1' blower/power supply assembly has been removed or AC power has been removed from the power supply. The HSV110 controller is identified in the handle field. The secondary_id field contains the '1' blower/power supply assembly internal identifier value: 1. The value.ul1 field contains the new state of the Blower/Power Supply Present flag: 0 (NOT PRESENT). The value.ul2 field contains the old state of the Blower/Power Supply Present flag: 1 (PRESENT).\nAlarm to be cleared by the operator at the management system.\nReason: sCellEventTrap_9_26</p>		
<p>Remedial action: If the problem persists, contact Alcatel-Lucent customer support.</p>		

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Table 26-571 IK8451312 - StorageCell Event

Alarm	Attributes	Applicable major releases
Name: IK8451312 (6964) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGmngElement	Severity: critical Specific problem: StorageCell Event (1504) Implicitly cleared: false Default probable cause: powerProblem (911)	<ul style="list-style-type: none"> LR14.3.MG
<p>Description: An HSV110 controller's '2' blower/power supply assembly has been removed or AC power has been removed from the power supply. The HSV110 controller is identified in the handle field. The secondary_id field contains the '2' blower/power supply assembly internal identifier value: 2. The value.ul1 field contains the new state of the Blower/Power Supply Present flag: 0 (NOT PRESENT). The value.ul2 field contains the old state of the Blower/Power Supply Present flag: 1 (PRESENT). \nAlarm to be cleared by the operator at the management system. \nReason: sCellEventTrap_9_28</p>		
<p>Remedial action: If the problem persists, contact Alcatel-Lucent customer support.</p>		

Table 26-572 IK8451314 - StorageCell Event

Alarm	Attributes	Applicable major releases
Name: IK8451314 (6965) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGmngElement	Severity: critical Specific problem: StorageCell Event (1504) Implicitly cleared: false Default probable cause: powerProblem (911)	<ul style="list-style-type: none"> LR14.3.MG
<p>Description: The '1' blower/power supply located within the HSV110 controller identified in the handle field is running slower than the lowest acceptable speed. The secondary_id field contains the '1' blower/power supply assembly internal identifier value: 1. The value.ul1 field contains the current speed of the '1' blower/power supply. The value.ul2 field contains the lowest acceptable speed for the '1' blower/power supply. \nAlarm to be cleared by the operator at the management system. \nReason: sCellEventTrap_9_2a</p>		
<p>Remedial action: If the problem persists, contact Alcatel-Lucent customer support.</p>		

Table 26-573 IK8451315 - StorageCell Event

Alarm	Attributes	Applicable major releases
Name: IK8451315 (6966) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGmngElement	Severity: critical Specific problem: StorageCell Event (1504) Implicitly cleared: false Default probable cause: powerProblem (911)	<ul style="list-style-type: none"> LR14.3.MG
<p>Description: The '2' blower/power supply located within the HSV110 controller identified in the handle field is running slower than the lowest acceptable speed. The secondary_id field contains the '2' blower/power supply assembly internal identifier value: 2. The value.ul1 field contains the current speed of the '2' blower/power supply. The value.ul2 field contains the lowest acceptable speed for the '2' blower/power supply. \nAlarm to be cleared by the operator at the management system. \nReason: sCellEventTrap_9_2b</p>		
<p>Remedial action: If the problem persists, contact Alcatel-Lucent customer support.</p>		

Table 26-574 IK8451321 - StorageCell Event

Alarm	Attributes	Applicable major releases
Name: IK8451321 (6967) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGmngElement	Severity: critical Specific problem: StorageCell Event (1504) Implicitly cleared: false Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> LR14.3.MG
<p>Description: The state of the Physical Disk Drive identified in the handle field has transitioned to the DEGRADED state. The value.u1 field contains the new state: 2 (DEGRADED). The value.u2 field contains the old state. The state values that may be in the value.u2 field are as follows: . 1 =" Normal . 3 = Failed . 4 = Not present . 5 = Single Port on Fibre . The enclosure number, bay number, and rack number where the Physical Disk Drive is located are contained in the attribute.value.u32[0], attribute.value.u32[1], attribute.value.u32[2] fields, respectively. The attribute.type field contains value 1. The rack number in the attribute.value.u32[2] field will not contain a valid value until a future release.\nAlarm to be cleared by the operator at the management system.\nReason: sCellEventTrap_9_31"</p>		
<p>Remedial action: If the problem persists, contact Alcatel-Lucent customer support.</p>		

Table 26-575 IK8451322 - StorageCell Event

Alarm	Attributes	Applicable major releases
Name: IK8451322 (6968) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGmngElement	Severity: critical Specific problem: StorageCell Event (1504) Implicitly cleared: false Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> LR14.3.MG
<p>Description: The state of the Physical Disk Drive identified in the handle field has transitioned to the FAILED state. The value.u1 field contains the new state: 3 (FAILED). The value.u2 field contains the old state. The state values that may be in the value.u2 field are as follows: . 1 =" Normal . 2 = Degraded . 4 = Not present . 5 = Single Port on Fibre . The enclosure number, bay number, and rack number where the Physical Disk Drive is located are contained in the attribute.value.u32[0], attribute.value.u32[1], attribute.value.u32[2] fields, respectively. The attribute.type field contains value 1. The rack number in the attribute.value.u32[2] field will not contain a valid value until a future release.\nAlarm to be cleared by the operator at the management system.\nReason: sCellEventTrap_9_32"</p>		
<p>Remedial action: If the problem persists, contact Alcatel-Lucent customer support.</p>		

Table 26-576 IK8451334 - StorageCell Event

Alarm	Attributes	Applicable major releases
Name: IK8451334 (6969) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGmngElement	Severity: critical Specific problem: StorageCell Event (1504) Implicitly cleared: false Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> LR14.3.MG

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Alarm	Attributes	Applicable major releases
<p>Description: The Physical Disk Drive identified in the handle field has disappeared. The enclosure, bay and rack where the Physical Disk Drive is located are contained in the attribute.value.u32[0], attribute.value.u32[1] and attribute.value.u32[2] fields, respectively. The attribute.type field contains the value 1.\nAlarm to be cleared by the operator at the management system.\nReason: sCellEventTrap_9_3e</p>		
<p>Remedial action: If the problem persists, contact Alcatel-Lucent customer support.</p>		

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Table 26-577 IK8451369 - StorageCell Event

Alarm	Attributes	Applicable major releases
<p>Name: IK8451369 (6970) Type: communicationsAlarm (4) Package: lmg Raised on class: lmg.LMGmngElement</p>	<p>Severity: critical Specific problem: StorageCell Event (1504) Implicitly cleared: false Default probable cause: communicationsSubsystemFailure (915)</p>	<ul style="list-style-type: none"> LR14.3.MG
<p>Description: The state of the internal Logical Disk associated with the Virtual Disk identified in the handle field has transitioned to the SNAPSHOT OVERCOMMIT state. The value.ul1 field contains the new state: 7 (SNAPSHOT OVERCOMMIT). The value.ul2 field contains the old state. The state values that may be found in the value.ul2 field are as follows: . 1 = " Normal . 2 = Replacement delay in progress . 3 = Redundancy lost, restore in progress . 4 = Redundancy lost, restore stalled . 5 = Failed . 6 = Creation in progress . 8 = Deletion in progress . 9 = Capacity change in progress . 10 = Inoperative due to device data lost . 11 = Capacity reservation in progress . 12 = Capacity unreservation in progress .\nAlarm to be cleared by the operator at the management system.\nReason: sCellEventTrap_9_cb"</p>		
<p>Remedial action: If the problem persists, contact Alcatel-Lucent customer support.</p>		

Table 26-578 IK8451376 - StorageCell Event

Alarm	Attributes	Applicable major releases
<p>Name: IK8451376 (6971) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGmngElement</p>	<p>Severity: critical Specific problem: StorageCell Event (1504) Implicitly cleared: false Default probable cause: equipmentMalfunction (698)</p>	<ul style="list-style-type: none"> LR14.3.MG
<p>Description: The Blower Present flag for the '1' blower assembly located within the HSV110 controller identified in the handle field has transitioned from the PRESENT to NOT PRESENT state indicating that the blower has been removed. The secondary_id field contains the '1' blower assembly internal identifier value: 1. The value.ul1 field contains the new state of the Blower Present flag: 0 (NOT PRESENT). The value.ul2 field contains the old state of the Blower Present flag: 1 (PRESENT).\nAlarm to be cleared by the operator at the management system.\nReason: sCellEventTrap_9_d2</p>		
<p>Remedial action: If the problem persists, contact Alcatel-Lucent customer support.</p>		

Table 26-579 IK8451384 - StorageCell Event

Alarm	Attributes	Applicable major releases
Name: IK8451384 (6972) Type: processingErrorAlarm (81) Package: lmg Raised on class: lmg.LMGmngElement	Severity: critical Specific problem: StorageCell Event (1504) Implicitly cleared: false Default probable cause: applicationSubsystemFailure (689)	<ul style="list-style-type: none"> LR14.3.MG
Description: The specified Source Virtual Disk has transitioned to the Logging state because the alternate Storage System is not accessible or the Data Replication Group is suspended. The following fields are not valid: status, blocks, vda, port, cerp_id, side.\nAlarm to be cleared by the operator at the management system.\nReason: sCellEventTrap_c_1		
Remedial action: If the problem persists, contact Alcatel-Lucent customer support.		

Table 26-580 IK8451385 - StorageCell Event

Alarm	Attributes	Applicable major releases
Name: IK8451385 (6973) Type: processingErrorAlarm (81) Package: lmg Raised on class: lmg.LMGmngElement	Severity: critical Specific problem: StorageCell Event (1504) Implicitly cleared: false Default probable cause: applicationSubsystemFailure (689)	<ul style="list-style-type: none"> LR14.3.MG
Description: The specified Source Virtual Disk has transitioned to the Logging state because the Destination Virtual Disk is not accessible. The following fields are not valid: status, blocks, vda, port, cerp_id, side.\nAlarm to be cleared by the operator at the management system.\nReason: sCellEventTrap_c_2		
Remedial action: If the problem persists, contact Alcatel-Lucent customer support.		

Table 26-581 IK8451387 - StorageCell Event

Alarm	Attributes	Applicable major releases
Name: IK8451387 (6974) Type: processingErrorAlarm (81) Package: lmg Raised on class: lmg.LMGmngElement	Severity: critical Specific problem: StorageCell Event (1504) Implicitly cleared: false Default probable cause: applicationSubsystemFailure (689)	<ul style="list-style-type: none"> LR14.3.MG
Description: A Data Replication Group has entered the Failsafe Locked state due to an inaccessible or inoperative destination. Either the Destination Virtual Disk is not accessible or a Virtual Disk in the Data Replication Group is inoperative. The following fields are not valid: status, blocks, vda, port, cerp_id, side.\nAlarm to be cleared by the operator at the management system.\nReason: sCellEventTrap_c_4		
Remedial action: If the problem persists, contact Alcatel-Lucent customer support.		

Table 26-582 IK8451388 - StorageCell Event

Alarm	Attributes	Applicable major releases
Name: IK8451388 (6975) Type: processingErrorAlarm (81) Package: lmg Raised on class: lmg.LMGmngElement	Severity: critical Specific problem: StorageCell Event (1504) Implicitly cleared: false Default probable cause: applicationSubsystemFailure (689)	<ul style="list-style-type: none"> LR14.3.MG
Description: A Data Replication Group has entered the Failsafe Locked state due to an inoperative source. Either the Source Virtual Disk is not accessible or a Virtual Disk in the Data Replication Group is inoperative. The following fields are not valid: status, blocks, vda, port, cerp_id, side.\nAlarm to be cleared by the operator at the management system.\nReason: sCellEventTrap_c_5		
Remedial action: If the problem persists, contact Alcatel-Lucent customer support.		

Table 26-583 IK8451389 - StorageCell Event

Alarm	Attributes	Applicable major releases
Name: IK8451389 (6976) Type: processingErrorAlarm (81) Package: lmg Raised on class: lmg.LMGmngElement	Severity: critical Specific problem: StorageCell Event (1504) Implicitly cleared: false Default probable cause: applicationSubsystemFailure (689)	<ul style="list-style-type: none"> LR14.3.MG
Description: An unrecoverable read error occurred on the specified Source Virtual Disk during the Full Copy. The Virtual Disk address specified in the vda field indicates the first block in error. The Full Copy was terminated.\nAlarm to be cleared by the operator at the management system.\nReason: sCellEventTrap_c_6		
Remedial action: If the problem persists, contact Alcatel-Lucent customer support.		

Table 26-584 IK8451390 - StorageCell Event

Alarm	Attributes	Applicable major releases
Name: IK8451390 (6977) Type: processingErrorAlarm (81) Package: lmg Raised on class: lmg.LMGmngElement	Severity: critical Specific problem: StorageCell Event (1504) Implicitly cleared: false Default probable cause: applicationSubsystemFailure (689)	<ul style="list-style-type: none"> LR14.3.MG
Description: A Full Copy terminated prior to completion. A remote copy error occurred due to an inaccessible alternate Storage System. The Virtual Disk address specified in the vda field indicates the first block in error. The Full Copy will continue when the Data Replication Destination is restored.\nAlarm to be cleared by the operator at the management system.\nReason: sCellEventTrap_c_7		
Remedial action: If the problem persists, contact Alcatel-Lucent customer support.		

Table 26-585 IK8451391 - StorageCell Event

Alarm	Attributes	Applicable major releases
Name: IK8451391 (6978) Type: processingErrorAlarm (81) Package: Img Raised on class: Img.LMGmngElement	Severity: critical Specific problem: StorageCell Event (1504) Implicitly cleared: false Default probable cause: applicationSubsystemFailure (689)	<ul style="list-style-type: none"> LR14.3.MG
Description: A Full Copy terminated prior to completion. A remote copy error occurred due to an inaccessible Destination Virtual Disk. The Virtual Disk address specified in the vda field indicates the first block in error. The Full Copy will continue when the Data Replication Destination is restored. Alarm to be cleared by the operator at the management system. Reason: sCellEventTrap_c_8		
Remedial action: If the problem persists, contact Alcatel-Lucent customer support.		

Table 26-586 IK8451400 - StorageCell Event

Alarm	Attributes	Applicable major releases
Name: IK8451400 (6979) Type: equipmentAlarm (3) Package: Img Raised on class: Img.LMGmngElement	Severity: critical Specific problem: StorageCell Event (1504) Implicitly cleared: false Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> LR14.3.MG
Description: Unrecognized event reported by a Drive Enclosure Environmental Monitoring Unit. The handle field contains the WWN of the drive enclosure containing the Drive Enclosure Environmental Monitoring Unit. The event was reported by the Drive Enclosure Environmental Monitoring Unit located in the drive enclosure determined by the content of the denc_l_num field as follows: . If denc_l_num is less than 99, the location is as indicated by the content of the rack_num and denc_l_num fields. . If denc_l_num is equal to 99, the location is unknown. Note that the content of the rack_num field is undefined in this case. . If denc_l_num is greater than 99, the HSV110 controller does not have proof of the current location but the last known location is indicated by the content of the rack_num and denc_l_num fields. Subtract 100 from the content of those fields to determine the actual last known location. If there have been no configuration changes, the last known location values will be accurate. . Note that the content of the rack_num field will not be valid until a future release. The content of the alarm_error_code field could not be translated into a known event. The enclosures array shows the drive enclosures available on the Fibre Channel loop pair (0 = Loop A, 1 = Loop B) identified in the loop field. The location of an available drive enclosure is determined by the content of the enclosures.denc_l_num field as follows: . If enclosures.denc_l_num is less than 99, the location is as indicated by the content of the enclosures.rack_num and enclosures.denc_l_num fields. . If enclosures.denc_l_num is equal to 99, the enclosures array entry is not used. Note that the content of the enclosures.rack_num field is undefined in this case. . If enclosures.denc_l_num is greater than 99, the HSV110 controller does not have proof of the current location but the last known location is indicated by the content of the enclosures.rack_num and enclosures.denc_l_num fields. Subtract 100 from the content of those fields to determine the actual last known location. If there have been no configuration changes, the last known location values will be accurate. . Note that the content of the enclosures.rack_num field will not be valid until a future release. Alarm to be cleared by the operator at the management system. Reason: sCellEventTrap_d_0"		
Remedial action: If the problem persists, contact Alcatel-Lucent customer support.		

Table 26-587 IK8451401 - StorageCell Event

Alarm	Attributes	Applicable major releases
Name: IK8451401 (6980) Type: communicationsAlarm (4) Package: lmg Raised on class: lmg.LMGmngElement	Severity: critical Specific problem: StorageCell Event (1504) Implicitly cleared: false Default probable cause: communicationsSubsystemFailure (915)	<ul style="list-style-type: none"> LR14.3.MG
<p>Description: A physical disk drive that is not Fibre Channel compatible or cannot operate at the link rate established by the drive enclosure I/O modules was detected. The handle field contains the WWN of the drive enclosure containing the Drive Enclosure Environmental Monitoring Unit. This problem was detected by the Drive Enclosure Environmental Monitoring Unit located in the drive enclosure determined by the content of the denc1_num field as follows: . If denc1_num is less than 99, the location is as indicated by the content of the rack_num and denc1_num fields. . If denc1_num is equal to 99, the location is unknown. Note that the content of the rack_num field is undefined in this case. . If denc1_num is greater than 99, the HSV110 controller does not have proof of the current location but the last known location is indicated by the content of the rack_num and denc1_num fields. Subtract 100 from the content of those fields to determine the actual last known location. If there have been no configuration changes, the last known location values will be accurate. . Note that the content of the rack_num field will not be valid until a future release. This problem was detected during spin up of the physical disk drive installed in the drive enclosure bay identified in the alarm_error_code.field.en field. The enclosures array shows the drive enclosures available on the Fibre Channel loop pair (0 = Loop A, 1 = Loop B) identified in the loop field. The location of an available drive enclosure is determined by the content of the enclosures.denc1_num field as follows: . If enclosures.denc1_num is less than 99, the location is as indicated by the content of the enclosures.rack_num and enclosures.denc1_num fields. . If enclosures.denc1_num is equal to 99, the enclosures array entry is not used. Note that the content of the enclosures.rack_num field is undefined in this case. . If enclosures.denc1_num is greater than 99, the HSV110 controller does not have proof of the current location but the last known location is indicated by the content of the enclosures.rack_num and enclosures.denc1_num fields. Subtract 100 from the content of those fields to determine the actual last known location. If there have been no configuration changes, the last known location values will be accurate. . Note that the content of the enclosures.rack_num field will not be valid until a future release.\nAlarm to be cleared by the operator at the management system.\nReason: sCellEventTrap_d_1"</p>		
<p>Remedial action: If the problem persists, contact Alcatel-Lucent customer support.</p>		

Table 26-588 IK8451404 - StorageCell Event

Alarm	Attributes	Applicable major releases
Name: IK8451404 (6981) Type: communicationsAlarm (4) Package: lmg Raised on class: lmg.LMGmngElement	Severity: critical Specific problem: StorageCell Event (1504) Implicitly cleared: false Default probable cause: communicationsSubsystemFailure (915)	<ul style="list-style-type: none"> LR14.3.MG

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Alarm	Attributes	Applicable major releases
<p>Description: A physical disk drive that is capable of operating at the loop link rate established by the drive enclosure I/O module was found to be running at a different rate. The handle field contains the WWN of the drive enclosure containing the Drive Enclosure Environmental Monitoring Unit. This problem was detected by the Drive Enclosure Environmental Monitoring Unit located in the drive enclosure determined by the content of the dencI_num field as follows: . If dencI_num is less than 99, the location is as indicated by the content of the rack_num and dencI_num fields. . If dencI_num is equal to 99, the location is unknown. Note that the content of the rack_num field is undefined in this case. . If dencI_num is greater than 99, the HSV110 controller does not have proof of the current location but the last known location is indicated by the content of the rack_num and dencI_num fields. Subtract 100 from the content of those fields to determine the actual last known location. If there have been no configuration changes, the last known location values will be accurate. . Note that the content of the rack_num field will not be valid until a future release. The affected physical disk drive is installed in the drive enclosure bay identified in the alarm_error_code.field.en field. The Fibre Channel loop on which the problem was detected is identified by the content of the alarm_error_code.field.ec field as follows: . 4 = " loop A . 5 = loop B . The enclosures array shows the drive enclosures available on the Fibre Channel loop pair (0 = Loop A, 1 = Loop B) identified in the loop field. The location of an available drive enclosure is determined by the content of the enclosures.dencI_num field as follows: . If enclosures.dencI_num is less than 99, the location is as indicated by the content of the enclosures.rack_num and enclosures.dencI_num fields. . If enclosures.dencI_num is equal to 99, the enclosures array entry is not used. Note that the content of the enclosures.rack_num field is undefined in this case. . If enclosures.dencI_num is greater than 99, the HSV110 controller does not have proof of the current location but the last known location is indicated by the content of the enclosures.rack_num and enclosures.dencI_num fields. Subtract 100 from the content of those fields to determine the actual last known location. If there have been no configuration changes, the last known location values will be accurate. . Note that the content of the enclosures.rack_num field will not be valid until a future release.\nAlarm to be cleared by the operator at the management system.\nReason: sCellEventTrap_d_4"</p>		
<p>Remedial action: If the problem persists, contact Alcatel-Lucent customer support.</p>		

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Table 26-589 IK8451406 - StorageCell Event

Alarm	Attributes	Applicable major releases
<p>Name: IK8451406 (6982) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGmngElement</p>	<p>Severity: critical Specific problem: StorageCell Event (1504) Implicitly cleared: false Default probable cause: powerProblem (911)</p>	<ul style="list-style-type: none"> LR14.3.MG
<p>Description: A drive enclosure power supply is improperly installed or missing. This could affect the drive enclosure air flow and cause an over temperature condition. The operational power supply will automatically shut down after a short period of time, thereby disabling the drive enclosure. This condition remains active until either the problem is corrected, or the operational power supply shuts down, whichever occurs first. The handle field contains the WWN of the drive enclosure containing the Drive Enclosure Environmental Monitoring Unit. This problem was detected by the Drive Enclosure Environmental Monitoring Unit located in the drive enclosure determined by the content of the dencI_num field as follows: . If dencI_num is less than 99, the location is as indicated by the content of the rack_num and dencI_num fields. . If dencI_num is equal to 99, the location is unknown. Note that the content of the rack_num field is undefined in this case. . If dencI_num is greater than 99, the HSV110 controller does not have proof of the current location but the last known location is indicated by the content of the rack_num and dencI_num fields. Subtract 100 from the content of those fields to determine the actual last known location. If there have been no configuration changes, the last known location values will be accurate. . Note that the content of the rack_num field will not be valid until a future release. The location of the affected power supply (1 or 2) is identified in the alarm_error_code.field.en field. The enclosures array shows the drive enclosures available on the Fibre Channel loop pair (0 = Loop A, 1 = Loop B) identified in the loop field. The location of an available drive enclosure is determined by the content of the enclosures.dencI_num field as follows: . If enclosures.dencI_num is less than 99, the location is as indicated by the content of the enclosures.rack_num and enclosures.dencI_num fields. . If enclosures.dencI_num is equal to 99, the enclosures array entry is not used. Note that the content of the enclosures.rack_num field is undefined in this case. . If enclosures.dencI_num is greater than 99, the HSV110 controller does not have proof of the current location but the last known location is indicated by the content of the enclosures.rack_num and enclosures.dencI_num fields. Subtract 100 from the content of those fields to determine the actual last known location. If there have been no configuration changes, the last known location values will be accurate. . Note that the content of the enclosures.rack_num field will not be valid until a future release.\nAlarm to be cleared by the operator at the management system.\nReason: sCellEventTrap_d_34"</p>		
<p>Remedial action: If the problem persists, contact Alcatel-Lucent customer support.</p>		

Table 26-590 IK8451407 - StorageCell Event

Alarm	Attributes	Applicable major releases
Name: IK8451407 (6983) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGmngElement	Severity: critical Specific problem: StorageCell Event (1504) Implicitly cleared: false Default probable cause: powerProblem (911)	<ul style="list-style-type: none"> LR14.3.MG
<p>Description: A drive enclosure power supply component has failed. The handle field contains the WWN of the drive enclosure containing the Drive Enclosure Environmental Monitoring Unit. This problem was detected by the Drive Enclosure Environmental Monitoring Unit located in the drive enclosure determined by the content of the dencI_num field as follows: . If dencI_num is less than 99, the location is as indicated by the content of the rack_num and dencI_num fields. . If dencI_num is equal to 99, the location is unknown. Note that the content of the rack_num field is undefined in this case. . If dencI_num is greater than 99, the HSV110 controller does not have proof of the current location but the last known location is indicated by the content of the rack_num and dencI_num fields. Subtract 100 from the content of those fields to determine the actual last known location. If there have been no configuration changes, the last known location values will be accurate. . Note that the content of the rack_num field will not be valid until a future release. The location of the affected power supply (1 or 2) is identified in the alarm_error_code.field.en field. The enclosures array shows the drive enclosures available on the Fibre Channel loop pair (0 = Loop A, 1 = Loop B) identified in the loop field. The location of an available drive enclosure is determined by the content of the enclosures.dencI_num field as follows: . If enclosures.dencI_num is less than 99, the location is as indicated by the content of the enclosures.rack_num and enclosures.dencI_num fields. . If enclosures.dencI_num is equal to 99, the enclosures array entry is not used. Note that the content of the enclosures.rack_num field is undefined in this case. . If enclosures.dencI_num is greater than 99, the HSV110 controller does not have proof of the current location but the last known location is indicated by the content of the enclosures.rack_num and enclosures.dencI_num fields. Subtract 100 from the content of those fields to determine the actual last known location. If there have been no configuration changes, the last known location values will be accurate. . Note that the content of the enclosures.rack_num field will not be valid until a future release.\nAlarm to be cleared by the operator at the management system.\nReason: sCellEventTrap_d_35"</p>		
<p>Remedial action: If the problem persists, contact Alcatel-Lucent customer support.</p>		

Table 26-591 IK8451408 - StorageCell Event

Alarm	Attributes	Applicable major releases
Name: IK8451408 (6984) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGmngElement	Severity: critical Specific problem: StorageCell Event (1504) Implicitly cleared: false Default probable cause: powerProblem (911)	<ul style="list-style-type: none"> LR14.3.MG

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Alarm	Attributes	Applicable major releases
<p>Description: A drive enclosure blower is not operating properly. This could affect the drive enclosure air flow and cause an over temperature condition. The handle field contains the WWN of the drive enclosure containing the Drive Enclosure Environmental Monitoring Unit. This problem was detected by the Drive Enclosure Environmental Monitoring Unit located in the drive enclosure determined by the content of the dencI_num field as follows: . If dencI_num is less than 99, the location is as indicated by the content of the rack_num and dencI_num fields. . If dencI_num is equal to 99, the location is unknown. Note that the content of the rack_num field is undefined in this case. . If dencI_num is greater than 99, the HSV110 controller does not have proof of the current location but the last known location is indicated by the content of the rack_num and dencI_num fields. Subtract 100 from the content of those fields to determine the actual last known location. If there have been no configuration changes, the last known location values will be accurate. . Note that the content of the rack_num field will not be valid until a future release. The location of the affected blower (1 or 2) is identified in the alarm_error_code.field.en field. The cause of the improper operation is described by the content of the alarm_error_code.field.ec field as follows: . 1 = " The blower is operating at a speed that is outside of the Drive Enclosure Environmental Monitoring Unit specified range, possibly because of a bearing problem. . 2 = The blower is operating at a speed that is significantly outside of the Drive Enclosure Environmental Monitoring Unit specified range, possibly because of a bearing problem. . 3 = The blower has stopped. NOTE: The other blower (if operational) now operates at high speed and is a single point of failure. A single blower operating at high speed can provide sufficient air flow to cool an enclosure and the elements for up to 100 hours. However, operating an enclosure at temperatures approaching an overheating threshold can damage elements and may reduce the MTBF of a specific element. Hewlett-Packard therefore recommends immediate replacement of the defective blower. . 4 = The power supply reported an internal blower error. . The enclosures array shows the drive enclosures available on the Fibre Channel loop pair (0 = Loop A, 1 = Loop B) identified in the loop field. The location of an available drive enclosure is determined by the content of the enclosures.dencI_num field as follows: . If enclosures.dencI_num is less than 99, the location is as indicated by the content of the enclosures.rack_num and enclosures.dencI_num fields. . If enclosures.dencI_num is equal to 99, the enclosures array entry is not used. Note that the content of the enclosures.rack_num field is undefined in this case. . If enclosures.dencI_num is greater than 99, the HSV110 controller does not have proof of the current location but the last known location is indicated by the content of the enclosures.rack_num and enclosures.dencI_num fields. Subtract 100 from the content of those fields to determine the actual last known location. If there have been no configuration changes, the last known location values will be accurate. . Note that the content of the enclosures.rack_num field will not be valid until a future release.\nAlarm to be cleared by the operator at the management system.\nReason: sCellEventTrap_d_47"</p>		
<p>Remedial action: If the problem persists, contact Alcatel-Lucent customer support.</p>		

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Table 26-592 IK8451409 - StorageCell Event

Alarm	Attributes	Applicable major releases
<p>Name: IK8451409 (6985) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGmngElement</p>	<p>Severity: critical Specific problem: StorageCell Event (1504) Implicitly cleared: false Default probable cause: equipmentMalfunction (698)</p>	<ul style="list-style-type: none"> LR14.3.MG

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Alarm	Attributes	Applicable major releases
<p>Description: A drive enclosure blower is improperly installed or missing. This affects the drive enclosure air flow and can cause an over temperature condition. The handle field contains the WWN of the drive enclosure containing the Drive Enclosure Environmental Monitoring Unit. This problem was detected by the Drive Enclosure Environmental Monitoring Unit located in the drive enclosure determined by the content of the dencI_num field as follows: . If dencI_num is less than 99, the location is as indicated by the content of the rack_num and dencI_num fields. . If dencI_num is equal to 99, the location is unknown. Note that the content of the rack_num field is undefined in this case. . If dencI_num is greater than 99, the HSV110 controller does not have proof of the current location but the last known location is indicated by the content of the rack_num and dencI_num fields. Subtract 100 from the content of those fields to determine the actual last known location. If there have been no configuration changes, the last known location values will be accurate. . Note that the content of the rack_num field will not be valid until a future release. The location of the affected blower (1 or 2) is identified in the alarm_error_code.field.en field. The enclosures array shows the drive enclosures available on the Fibre Channel loop pair (0 = Loop A, 1 = Loop B) identified in the loop field. The location of an available drive enclosure is determined by the content of the enclosures.dencI_num field as follows: . If enclosures.dencI_num is less than 99, the location is as indicated by the content of the enclosures.rack_num and enclosures.dencI_num fields. . If enclosures.dencI_num is equal to 99, the enclosures array entry is not used. Note that the content of the enclosures.rack_num field is undefined in this case. . If enclosures.dencI_num is greater than 99, the HSV110 controller does not have proof of the current location but the last known location is indicated by the content of the enclosures.rack_num and enclosures.dencI_num fields. Subtract 100 from the content of those fields to determine the actual last known location. If there have been no configuration changes, the last known location values will be accurate. . Note that the content of the enclosures.rack_num field will not be valid until a future release.\nReason: sCellEventTrap_d_4b"</p>		
<p>Remedial action: If the problem persists, contact Alcatel-Lucent customer support.</p>		

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Table 26-593 IK8451410 - StorageCell Event

Alarm	Attributes	Applicable major releases
<p>Name: IK8451410 (6986) Type: equipmentAlarm (3) Package: Img Raised on class: Img.LMGmngElement</p>	<p>Severity: critical Specific problem: StorageCell Event (1504) Implicitly cleared: false Default probable cause: powerProblem (911)</p>	<ul style="list-style-type: none"> LR14.3.MG
<p>Description: Both drive enclosure blowers are missing. This severely affects the drive enclosure air flow and can cause an over temperature condition. The operational power supply(s) will automatically shut down after a short period of time, thereby disabling the drive enclosure. This condition remains active until either the problem is corrected, or the operational power supply(s) shut down, whichever occurs first. The handle field contains the WWN of the drive enclosure containing the Drive Enclosure Environmental Monitoring Unit. This problem was detected by the Drive Enclosure Environmental Monitoring Unit located in the drive enclosure determined by the content of the dencI_num field as follows: . If dencI_num is less than 99, the location is as indicated by the content of the rack_num and dencI_num fields. . If dencI_num is equal to 99, the location is unknown. Note that the content of the rack_num field is undefined in this case. . If dencI_num is greater than 99, the HSV110 controller does not have proof of the current location but the last known location is indicated by the content of the rack_num and dencI_num fields. Subtract 100 from the content of those fields to determine the actual last known location. If there have been no configuration changes, the last known location values will be accurate. . Note that the content of the rack_num field will not be valid until a future release. Note that this event is preceded by a 'drive enclosure blower is improperly installed or missing' event that identifies the location of the first missing blower. The location of the second missing blower (1 or 2) is identified in the alarm_error_code.field.en field of this event. The enclosures array shows the drive enclosures available on the Fibre Channel loop pair (0 = Loop A, 1 = Loop B) identified in the loop field. The location of an available drive enclosure is determined by the content of the enclosures.dencI_num field as follows: . If enclosures.dencI_num is less than 99, the location is as indicated by the content of the enclosures.rack_num and enclosures.dencI_num fields. . If enclosures.dencI_num is equal to 99, the enclosures array entry is not used. Note that the content of the enclosures.rack_num field is undefined in this case. . If enclosures.dencI_num is greater than 99, the HSV110 controller does not have proof of the current location but the last known location is indicated by the content of the enclosures.rack_num and enclosures.dencI_num fields. Subtract 100 from the content of those fields to determine the actual last known location. If there have been no configuration changes, the last known location values will be accurate. . Note that the content of the enclosures.rack_num field will not be valid until a future release.\nAlarm to be cleared by the operator at the management system.\nReason: sCellEventTrap_d_4c"</p>		
<p>Remedial action: If the problem persists, contact Alcatel-Lucent customer support.</p>		

Table 26-594 IK8451412 - StorageCell Event

Alarm	Attributes	Applicable major releases
Name: IK8451412 (6987) Type: environmentalAlarm (2) Package: lmg Raised on class: lmg.LMGmngElement	Severity: critical Specific problem: StorageCell Event (1504) Implicitly cleared: false Default probable cause: temperatureUnacceptable (721)	<ul style="list-style-type: none"> LR14.3.MG
<p>Description: The average temperature of two of the three temperature sensor groups (i.e., Drive Enclosure Environmental Monitoring Unit, Disk Drives, and Power Supplies) exceeds the CRITICAL level. The operational power supply(s) will automatically shut down after a short period of time, thereby disabling the drive enclosure. This condition remains active until either the problem is corrected, or the operational power supply(s) shut down, whichever occurs first. The handle field contains the WWN of the drive enclosure containing the Drive Enclosure Environmental Monitoring Unit. This problem was detected by the Drive Enclosure Environmental Monitoring Unit located in the drive enclosure determined by the content of the dencl_num field as follows: . If dencl_num is less than 99, the location is as indicated by the content of the rack_num and dencl_num fields. . If dencl_num is equal to 99, the location is unknown. Note that the content of the rack_num field is undefined in this case. . If dencl_num is greater than 99, the HSV110 controller does not have proof of the current location but the last known location is indicated by the content of the rack_num and dencl_num fields. Subtract 100 from the content of those fields to determine the actual last known location. If there have been no configuration changes, the last known location values will be accurate. . Note that the content of the rack_num field will not be valid until a future release. Note that in this case the content of the alarm_error_code.field.en field is undefined. The actual temperature threshold values can be found in the HSV element manager GUI. The enclosures array shows the drive enclosures available on the Fibre Channel loop pair (0 = Loop A, 1 = Loop B) identified in the loop field. The location of an available drive enclosure is determined by the content of the enclosures.dencl_num field as follows: . If enclosures.dencl_num is less than 99, the location is as indicated by the content of the enclosures.rack_num and enclosures.dencl_num fields. . If enclosures.dencl_num is equal to 99, the enclosures array entry is not used. Note that the content of the enclosures.rack_num field is undefined in this case. . If enclosures.dencl_num is greater than 99, the HSV110 controller does not have proof of the current location but the last known location is indicated by the content of the enclosures.rack_num and enclosures.dencl_num fields. Subtract 100 from the content of those fields to determine the actual last known location. If there have been no configuration changes, the last known location values will be accurate. . Note that the content of the enclosures.rack_num field will not be valid until a future release.\nAlarm to be cleared by the operator at the management system.\nReason: sCellEventTrap_d_5f"</p>		
<p>Remedial action: If the problem persists, contact Alcatel-Lucent customer support.</p>		

Table 26-595 IK8451419 - StorageCell Event

Alarm	Attributes	Applicable major releases
Name: IK8451419 (6988) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGmngElement	Severity: critical Specific problem: StorageCell Event (1504) Implicitly cleared: false Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> LR14.3.MG

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Alarm	Attributes	Applicable major releases
<p>Description: A Drive Enclosure Environmental Monitoring Unit has experienced a hardware failure. The handle field contains the WWN of the drive enclosure containing the Drive Enclosure Environmental Monitoring Unit. This problem was detected by the Drive Enclosure Environmental Monitoring Unit located in the drive enclosure determined by the content of the dencI_num field as follows: . If dencI_num is less than 99, the location is as indicated by the content of the rack_num and dencI_num fields. . If dencI_num is equal to 99, the location is unknown. Note that the content of the rack_num field is undefined in this case. . If dencI_num is greater than 99, the HSV110 controller does not have proof of the current location but the last known location is indicated by the content of the rack_num and dencI_num fields. Subtract 100 from the content of those fields to determine the actual last known location. If there have been no configuration changes, the last known location values will be accurate. . Note that the content of the rack_num field will not be valid until a future release. The alarm_error_code.field.en field contains the value 1 signifying that the Drive Enclosure Environmental Monitoring Unit is the affected element. The enclosures array shows the drive enclosures available on the Fibre Channel loop pair (0 =" Loop A, 1 = Loop B) identified in the loop field. The The location of an available drive enclosure is determined by the content of the enclosures.dencI_num field as follows: . If enclosures.dencI_num is less than 99, the location is as indicated by the content of the enclosures.rack_num and enclosures.dencI_num fields. . If enclosures.dencI_num is equal to 99, the enclosures array entry is not used. Note that the content of the enclosures.rack_num field is undefined in this case. . If enclosures.dencI_num is greater than 99, the HSV110 controller does not have proof of the current location but the last known location is indicated by the content of the enclosures.rack_num and enclosures.dencI_num fields. Subtract 100 from the content of those fields to determine the actual last known location. If there have been no configuration changes, the last known location values will be accurate. . Note that the content of the enclosures.rack_num field will not be valid until a future release. The cause of the improper operation is described by the content of the alarm_error_code.field.ec field as follows: . 15 = Drive Enclosure Environmental Monitoring Unit hardware failure DP. . 18 = Drive Enclosure Environmental Monitoring Unit hardware failed BT. . 19 = Drive Enclosure Environmental Monitoring Unit ESI driver failure. .\nAlarm to be cleared by the operator at the management system.\nReason: sCellEventTrap_d_83"</p>		
<p>Remedial action: If the problem persists, contact Alcatel-Lucent customer support.</p>		

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Table 26-596 IK8451421 - StorageCell Event

Alarm	Attributes	Applicable major releases
<p>Name: IK8451421 (6989) Type: communicationsAlarm (4) Package: lmg Raised on class: lmg.LMGMgrElement</p>	<p>Severity: critical Specific problem: StorageCell Event (1504) Implicitly cleared: false Default probable cause: communicationsSubsystemFailure (915)</p>	<ul style="list-style-type: none"> LR14.3.MG

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Alarm	Attributes	Applicable major releases
<p>Description: A drive enclosure transceiver error has been detected. The handle field contains the WWN of the drive enclosure containing the Drive Enclosure Environmental Monitoring Unit. This problem was detected by the Drive Enclosure Environmental Monitoring Unit located in the drive enclosure determined by the content of the dencl_num field as follows: . If dencl_num is less than 99, the location is as indicated by the content of the rack_num and dencl_num fields. . If dencl_num is equal to 99, the location is unknown. Note that the content of the rack_num field is undefined in this case. . If dencl_num is greater than 99, the HSV110 controller does not have proof of the current location but the last known location is indicated by the content of the rack_num and dencl_num fields. Subtract 100 from the content of those fields to determine the actual last known location. If there have been no configuration changes, the last known location values will be accurate. . Note that the content of the rack_num field will not be valid until a future release. The location of the transceiver (1 through 4) is identified in the alarm_error_code.field.en field as follows: . 1 = Transceiver 01 . 2 = Transceiver 02 . 3 = Transceiver 03 . 4 = Transceiver 04 . The transceiver error condition is described by the content of the alarm_error_code.field.ec field as follows: . 1 = The transceivers on this link are not the same type or they are incompatible with the drive enclosure I/O module. This error prevents the controller from establishing a link with the enclosure drives and eliminates the enclosure dual-loop capability. . 2 = The transceiver can no longer detect a data signal. This error prevents the controller from transferring data on a loop and eliminates the enclosure dual-loop capability. . 3 = The system has detected an FC-AL bus fault involving a transceiver. This error prevents the controller from transferring data on a loop and eliminates the enclosure dual-loop capability. . 4 = The transceiver that was previously in this location has been removed. . 5 = The transceiver in the specified location has detected invalid Fibre Channel characters. . The enclosures array shows the drive enclosures available on the Fibre Channel loop pair (0 = Loop A, 1 = Loop B) identified in the loop field. The location of an available drive enclosure is determined by the content of the enclosures.dencl_num field as follows: . If enclosures.dencl_num is less than 99, the location is as indicated by the content of the enclosures.rack_num and enclosures.dencl_num fields. . If enclosures.dencl_num is equal to 99, the enclosures array entry is not used. Note that the content of the enclosures.rack_num field is undefined in this case. . If enclosures.dencl_num is greater than 99, the HSV110 controller does not have proof of the current location but the last known location is indicated by the content of the enclosures.rack_num and enclosures.dencl_num fields. Subtract 100 from the content of those fields to determine the actual last known location. If there have been no configuration changes, the last known location values will be accurate. . Note that the content of the enclosures.rack_num field will not be valid until a future release.\nAlarm to be cleared by the operator at the management system.\nReason: sCellEventTrap_d_8d"</p>		
<p>Remedial action: If the problem persists, contact Alcatel-Lucent customer support.</p>		

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Table 26-597 IK8451422 - StorageCell Event

Alarm	Attributes	Applicable major releases
Name: IK8451422 (6990) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGMgrElement	Severity: critical Specific problem: StorageCell Event (1504) Implicitly cleared: false Default probable cause: powerProblem (911)	<ul style="list-style-type: none"> LR14.3.MG

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Alarm	Attributes	Applicable major releases
<p>Description: A drive enclosure power supply voltage sensor out of range condition has been reported. The handle field contains the WWN of the drive enclosure containing the Drive Enclosure Environmental Monitoring Unit. This problem was detected by the Drive Enclosure Environmental Monitoring Unit located in the drive enclosure determined by the content of the denc1_num field as follows: . If denc1_num is less than 99, the location is as indicated by the content of the rack_num and denc1_num fields. . If denc1_num is equal to 99, the location is unknown. Note that the content of the rack_num field is undefined in this case. . If denc1_num is greater than 99, the HSV110 controller does not have proof of the current location but the last known location is indicated by the content of the rack_num and denc1_num fields. Subtract 100 from the content of those fields to determine the actual last known location. If there have been no configuration changes, the last known location values will be accurate. . Note that the content of the rack_num field will not be valid until a future release. The location of the voltage sensor (1 through 4) is identified in the alarm_error_code.field.en field as follows: . 1 = " Power Supply 1 +5 VDC . 2 = Power Supply 1 +12 VDC . 3 = Power Supply 2 +5 VDC . 4 = Power Supply 2 +12 VDC . The voltage sensor out of range condition is described by the content of the alarm_error_code.field.ec field as follows: . 1 = The element voltage is approaching, but has not reached, the high voltage CRITICAL threshold. Continued operation under these conditions may result in a CRITICAL condition. . 2 = The element voltage is above the high voltage CRITICAL threshold. . 3 = The element voltage is approaching, but has not reached, the low voltage CRITICAL threshold. Continued operation under these conditions may result in a CRITICAL condition. . 4 = The element voltage has reached the low voltage CRITICAL threshold. . The enclosures array shows the drive enclosures available on the Fibre Channel loop pair (0 = Loop A, 1 = Loop B) identified in the loop field. The location of an available drive enclosure is determined by the content of the enclosures.denc1_num field as follows: . If enclosures.denc1_num is less than 99, the location is as indicated by the content of the enclosures.rack_num and enclosures.denc1_num fields. . If enclosures.denc1_num is equal to 99, the enclosures array entry is not used. Note that the content of the enclosures.rack_num field is undefined in this case. . If enclosures.denc1_num is greater than 99, the HSV110 controller does not have proof of the current location but the last known location is indicated by the content of the enclosures.rack_num and enclosures.denc1_num fields. Subtract 100 from the content of those fields to determine the actual last known location. If there have been no configuration changes, the last known location values will be accurate. . Note that the content of the enclosures.rack_num field will not be valid until a future release.\nAlarm to be cleared by the operator at the management system.\nReason: sCellEventTrap_d_a1"</p>		
<p>Remedial action: If the problem persists, contact Alcatel-Lucent customer support.</p>		

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Table 26-598 IK8451423 - StorageCell Event

Alarm	Attributes	Applicable major releases
<p>Name: IK8451423 (6991) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGmngElement</p>	<p>Severity: critical Specific problem: StorageCell Event (1504) Implicitly cleared: false Default probable cause: powerProblem (911)</p>	<ul style="list-style-type: none"> LR14.3.MG

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Alarm	Attributes	Applicable major releases
<p>Description: A drive enclosure power supply current sensor out of range condition has been reported. The handle field contains the WWN of the drive enclosure containing the Drive Enclosure Environmental Monitoring Unit. This problem was detected by the Drive Enclosure Environmental Monitoring Unit located in the drive enclosure determined by the content of the dencI_num field as follows: . If dencI_num is less than 99, the location is as indicated by the content of the rack_num and dencI_num fields. . If dencI_num is equal to 99, the location is unknown. Note that the content of the rack_num field is undefined in this case. . If dencI_num is greater than 99, the HSV110 controller does not have proof of the current location but the last known location is indicated by the content of the rack_num and dencI_num fields. Subtract 100 from the content of those fields to determine the actual last known location. If there have been no configuration changes, the last known location values will be accurate. . Note that the content of the rack_num field will not be valid until a future release. The location of the current sensor (1 through 4) is identified in the alarm_error_code.field.en field as follows: . 1 = Power Supply 1 +5 VDC . 2 = Power Supply 1 +12 VDC . 3 = Power Supply 2 +5 VDC . 4 = Power Supply 2 +12 VDC . The current sensor out of range condition is described by the content of the alarm_error_code.field.ec field as follows: . 1 = The element current is approaching, but has not reached, the high current CRITICAL threshold. Continued operation under these conditions may result in a CRITICAL condition. . 2 = The element current is above the high current CRITICAL threshold. . The enclosures array shows the drive enclosures available on the Fibre Channel loop pair (0 = Loop A, 1 = Loop B) identified in the loop field. The location of an available drive enclosure is determined by the content of the enclosures.dencI_num field as follows: . If enclosures.dencI_num is less than 99, the location is as indicated by the content of the enclosures.rack_num and enclosures.dencI_num fields. . If enclosures.dencI_num is equal to 99, the enclosures array entry is not used. Note that the content of the enclosures.rack_num field is undefined in this case. . If enclosures.dencI_num is greater than 99, the HSV110 controller does not have proof of the current location but the last known location is indicated by the content of the enclosures.rack_num and enclosures.dencI_num fields. Subtract 100 from the content of those fields to determine the actual last known location. If there have been no configuration changes, the last known location values will be accurate. . Note that the content of the enclosures.rack_num field will not be valid until a future release.\nAlarm to be cleared by the operator at the management system.\nReason: sCellEventTrap_d_b5"</p>		
<p>Remedial action: If the problem persists, contact Alcatel-Lucent customer support.</p>		

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Table 26-599 IK8451425 - StorageCell Event

Alarm	Attributes	Applicable major releases
<p>Name: IK8451425 (6992) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGmngElement</p>	<p>Severity: critical Specific problem: StorageCell Event (1504) Implicitly cleared: false Default probable cause: equipmentMalfunction (698)</p>	<ul style="list-style-type: none"> LR14.3.MG
<p>Description: A drive enclosure backplane error has occurred. The handle field contains the WWN of the drive enclosure containing the Drive Enclosure Environmental Monitoring Unit. This problem was detected by the Drive Enclosure Environmental Monitoring Unit located in the drive enclosure determined by the content of the dencI_num field as follows: . If dencI_num is less than 99, the location is as indicated by the content of the rack_num and dencI_num fields. . If dencI_num is equal to 99, the location is unknown. Note that the content of the rack_num field is undefined in this case. . If dencI_num is greater than 99, the HSV110 controller does not have proof of the current location but the last known location is indicated by the content of the rack_num and dencI_num fields. Subtract 100 from the content of those fields to determine the actual last known location. If there have been no configuration changes, the last known location values will be accurate. . Note that the content of the rack_num field will not be valid until a future release. The alarm_error_code.field.en field contains the value 1 signifying that the drive enclosure is the affected element. The cause of the improper operation is described by the content of the alarm_error_code.field.ec field as follows: . 11 = Unable to write data to the NVRAM. This problem prevents communication between elements in the enclosure. . 12 = Unable to read data from the NVRAM. This problem prevents communication between elements in the enclosure. . 13 = NVRAM has not been initialized properly. This is a manufacturing error. . The enclosures array shows the drive enclosures available on the Fibre Channel loop pair (0 = Loop A, 1 = Loop B) identified in the loop field. The location of an available drive enclosure is determined by the content of the enclosures.dencI_num field as follows: . If enclosures.dencI_num is less than 99, the location is as indicated by the content of the enclosures.rack_num and enclosures.dencI_num fields. . If enclosures.dencI_num is equal to 99, the enclosures array entry is not used. Note that the content of the enclosures.rack_num field is undefined in this case. . If enclosures.dencI_num is greater than 99, the HSV110 controller does not have proof of the current location but the last known location is indicated by the content of the enclosures.rack_num and enclosures.dencI_num fields. Subtract 100 from the content of those fields to determine the actual last known location. If there have been no configuration changes, the last known location values will be accurate. . Note that the content of the enclosures.rack_num field will not be valid until a future release.\nAlarm to be cleared by the operator at the management system.\nReason: sCellEventTrap_d_d9"</p>		

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Alarm	Attributes	Applicable major releases
Remedial action: If the problem persists, contact Alcatel-Lucent customer support.		

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Table 26-600 IK8451426 - StorageCell Event

Alarm	Attributes	Applicable major releases
Name: IK8451426 (6993) Type: communicationsAlarm (4) Package: lmg Raised on class: lmg.LMGmngElement	Severity: critical Specific problem: StorageCell Event (1504) Implicitly cleared: false Default probable cause: communicationsSubsystemFailure (915)	<ul style="list-style-type: none"> LR14.3.MG
<p>Description: A drive enclosure I/O module error has occurred. The handle field contains the WWN of the drive enclosure containing the Drive Enclosure Environmental Monitoring Unit. This problem was detected by the Drive Enclosure Environmental Monitoring Unit located in the drive enclosure determined by the content of the denc1_num field as follows: . If denc1_num is less than 99, the location is as indicated by the content of the rack_num and denc1_num fields. . If denc1_num is equal to 99, the location is unknown. Note that the content of the rack_num field is undefined in this case. . If denc1_num is greater than 99, the HSV110 controller does not have proof of the current location but the last known location is indicated by the content of the rack_num and denc1_num fields. Subtract 100 from the content of those fields to determine the actual last known location. If there have been no configuration changes, the last known location values will be accurate. . Note that the content of the rack_num field will not be valid until a future release. The location of the I/O module (A (01) and B (02)) is identified in the alarm_error_code.field.en field. The cause of the improper operation is described by the content of the alarm_error_code.field.ec field as follows: . 1 = " The I/O module's Fibre Channel link speed is not supported by the backplane. This error prevents the controller from establishing a link with enclosure drives and eliminates the enclosure dual-loop capability. . 11 = Unable to write data to the I/O module NVRAM. . 12 = Unable to read data from the I/O module NVRAM. . 13 = The I/O module that was in this location has been removed. . The enclosures array shows the drive enclosures available on the Fibre Channel loop pair (0 = Loop A, 1 = Loop B) identified in the loop field. The location of an available drive enclosure is determined by the content of the enclosures.denc1_num field as follows: . If enclosures.denc1_num is less than 99, the location is as indicated by the content of the enclosures.rack_num and enclosures.denc1_num fields. . If enclosures.denc1_num is equal to 99, the enclosures array entry is not used. Note that the content of the enclosures.rack_num field is undefined in this case. . If enclosures.denc1_num is greater than 99, the HSV110 controller does not have proof of the current location but the last known location is indicated by the content of the enclosures.rack_num and enclosures.denc1_num fields. Subtract 100 from the content of those fields to determine the actual last known location. If there have been no configuration changes, the last known location values will be accurate. . Note that the content of the enclosures.rack_num field will not be valid until a future release.\nAlarm to be cleared by the operator at the management system.\nReason: sCellEventTrap_d_dd"</p>		
Remedial action: If the problem persists, contact Alcatel-Lucent customer support.		

Table 26-601 IK8451435 - StorageCell Event

Alarm	Attributes	Applicable major releases
Name: IK8451435 (6994) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGmngElement	Severity: critical Specific problem: StorageCell Event (1504) Implicitly cleared: false Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> LR14.3.MG
<p>Description: A failure was detected during the execution of this HSV110 controller's on board diagnostics.\nAlarm to be cleared by the operator at the management system.\nReason: sCellEventTrap_83_0</p>		
Remedial action: If the problem persists, contact Alcatel-Lucent customer support.		

Table 26-602 IK8451437 - StorageCell Event

Alarm	Attributes	Applicable major releases
Name: IK8451437 (6995) Type: environmentalAlarm (2) Package: lmg Raised on class: lmg.LMGmngElement	Severity: critical Specific problem: StorageCell Event (1504) Implicitly cleared: false Default probable cause: batteryFailure (649)	<ul style="list-style-type: none"> LR14.3.MG
Description: A battery assembly failure was detected during the execution of this HSV110 controller's on board diagnostics.\nAlarm to be cleared by the operator at the management system.\nReason: sCellEventTrap_83_2		
Remedial action: If the problem persists, contact Alcatel-Lucent customer support.		

Table 26-603 IK8451438 - StorageCell Event

Alarm	Attributes	Applicable major releases
Name: IK8451438 (6996) Type: environmentalAlarm (2) Package: lmg Raised on class: lmg.LMGmngElement	Severity: critical Specific problem: StorageCell Event (1504) Implicitly cleared: false Default probable cause: batteryFailure (649)	<ul style="list-style-type: none"> LR14.3.MG
Description: A battery assembly failure was detected during the execution of this HSV110 controller's on board diagnostics.\nAlarm to be cleared by the operator at the management system.\nReason: sCellEventTrap_83_3		
Remedial action: If the problem persists, contact Alcatel-Lucent customer support.		

Table 26-604 IK8451439 - StorageCell Event

Alarm	Attributes	Applicable major releases
Name: IK8451439 (6997) Type: communicationsAlarm (4) Package: lmg Raised on class: lmg.LMGmngElement	Severity: critical Specific problem: StorageCell Event (1504) Implicitly cleared: false Default probable cause: communicationsSubsystemFailure (915)	<ul style="list-style-type: none"> LR14.3.MG
Description: A battery assembly communication failure was detected during the execution of this HSV110 controller's on board diagnostics.\nAlarm to be cleared by the operator at the management system.\nReason: sCellEventTrap_83_4		
Remedial action: If the problem persists, contact Alcatel-Lucent customer support.		

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Table 26-605 IK8451440 - StorageCell Event

Alarm	Attributes	Applicable major releases
Name: IK8451440 (6998) Type: communicationsAlarm (4) Package: lmg Raised on class: lmg.LMGmngElement	Severity: critical Specific problem: StorageCell Event (1504) Implicitly cleared: false Default probable cause: communicationsSubsystemFailure (915)	<ul style="list-style-type: none"> LR14.3.MG
Description: A battery assembly communication failure was detected during the execution of this HSV110 controller's on board diagnostics.\nAlarm to be cleared by the operator at the management system.\nReason: sCellEventTrap_83_5		
Remedial action: If the problem persists, contact Alcatel-Lucent customer support.		

Table 26-606 IK8451441 - StorageCell Event

Alarm	Attributes	Applicable major releases
Name: IK8451441 (6999) Type: processingErrorAlarm (81) Package: lmg Raised on class: lmg.LMGmngElement	Severity: critical Specific problem: StorageCell Event (1504) Implicitly cleared: false Default probable cause: memoryMismatch (680)	<ul style="list-style-type: none"> LR14.3.MG
Description: A soft cache memory ECC error or indication of low battery voltage was detected during the execution of this HSV110 controller's on board diagnostics.\nAlarm to be cleared by the operator at the management system.\nReason: sCellEventTrap_83_6		
Remedial action: If the problem persists, contact Alcatel-Lucent customer support.		

Table 26-607 IK8452265 - Accelerator Board Battery Failed

Alarm	Attributes	Applicable major releases
Name: IK8452265 (7000) Type: environmentalAlarm (2) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: Accelerator Board Battery Failed (1452) Implicitly cleared: false Default probable cause: batteryFailure (649)	<ul style="list-style-type: none"> LR14.3.MG
Description: Accelerator Board Battery Failed. This alarm signifies that the agent has detected a battery failure associated with the array accelerator cache board. The current battery status is indicated by the cpqDaAccelBattery variable.\nAlarm to be cleared by the operator at the management system.\nReason: cpqDaAccelBatteryFailed		
Remedial action: check the Accelerator Board Battery		

Table 26-608 IK8452272 - Accelerator Board Battery Failed

Alarm	Attributes	Applicable major releases
Name: IK8452272 (7001) Type: environmentalAlarm (2) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: Accelerator Board Battery Failed (1452) Implicitly cleared: false Default probable cause: batteryFailure (649)	<ul style="list-style-type: none"> LR14.3.MG
Description: Accelerator Board Battery Failed. This alarm signifies that the agent has detected a battery failure associated with the array accelerator cache board. The current battery status is indicated by the cpqDaAccelBattery variable. \nAlarm to be cleared by the operator at the management system. \nReason: cpqDa2AccelBatteryFailed		
Remedial action: check the Accelerator Board Battery		

Table 26-609 IK8452279 - Accelerator Board Battery Failed

Alarm	Attributes	Applicable major releases
Name: IK8452279 (7002) Type: environmentalAlarm (2) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: Accelerator Board Battery Failed (1452) Implicitly cleared: false Default probable cause: batteryFailure (649)	<ul style="list-style-type: none"> LR14.3.MG
Description: Accelerator Board Battery Failed. This alarm signifies that the agent has detected a battery failure associated with the array accelerator cache board. The current battery status is indicated by the cpqDaAccelBattery variable. \nAlarm to be cleared by the operator at the management system. \nReason: cpqDa3AccelBatteryFailed		
Remedial action: check the Accelerator Board Battery		

Table 26-610 IK8452291 - Accelerator Board Bad Data

Alarm	Attributes	Applicable major releases
Name: IK8452291 (7003) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: Accelerator Board Bad Data (1453) Implicitly cleared: false Default probable cause: powerProblem (911)	<ul style="list-style-type: none"> LR14.3.MG
Description: Accelerator Board Bad Data. This alarm signifies that the agent has detected an array accelerator cache board that has lost battery power. If data was being stored in the accelerator cache memory when the server lost power, that data has been lost. \nAlarm to be cleared by the operator at the management system. \nReason: cpqDa5AccelBadDataTrap		
Remedial action: Verify that no data has been lost.		

Table 26-611 IK8452292 - Accelerator Board Battery Failed

Alarm	Attributes	Applicable major releases
Name: IK8452292 (7004) Type: environmentalAlarm (2) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: Accelerator Board Battery Failed (1452) Implicitly cleared: false Default probable cause: batteryFailure (649)	<ul style="list-style-type: none"> LR14.3.MG
Description: Accelerator Board Battery Failed. This alarm signifies that the agent has detected a battery failure associated with the array accelerator cache board.\nAlarm to be cleared by the operator at the management system.\nReason: cpqDa5AccelBatteryFailed		
Remedial action: Replace the Accelerator Cache Board.		

Table 26-612 IK8452295 - Physical Drive Threshold Passed

Alarm	Attributes	Applicable major releases
Name: IK8452295 (7005) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: Physical Drive Threshold Passed (1454) Implicitly cleared: false Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> LR14.3.MG
Description: Physical Drive Threshold Passed. This alarm signifies that the agent has detected a factory threshold associated with one of the physical drive objects on a drive array has been exceeded.\nAlarm to be cleared by the operator at the management system.\nReason: cpqDa5PhyDrvThreshPassedTrap		
Remedial action: Replace the physical drive.		

Table 26-613 IK8452302 - Physical Drive Threshold Passed

Alarm	Attributes	Applicable major releases
Name: IK8452302 (7006) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: Physical Drive Threshold Passed (1454) Implicitly cleared: false Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> LR14.3.MG
Description: Physical Drive Threshold Passed. This alarm signifies that the agent has detected a factory threshold associated with one of the physical drive objects on a drive array has been exceeded.\nAlarm to be cleared by the operator at the management system.\nReason: cpqDa6PhyDrvThreshPassedTrap		
Remedial action: Replace the physical drive.		

Table 26-614 IK8452331 - BusMonRisingThresholdTrap

Alarm	Attributes	Applicable major releases
Name: IK8452331 (7007) Type: qualityOfServiceAlarm (82) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: BusMonRisingThresholdTrap (1505) Implicitly cleared: false Default probable cause: resourceAtOrNearingCapacity (715)	<ul style="list-style-type: none"> LR14.3.MG
Description: The SNMP alarm that is generated when an alarm entry crosses its rising threshold and generates an event that is configured for sending SNMP traps.\nAlarm to be cleared by the operator at the management system.\nReason: cpqn52nnBusMonRisingThresholdTrap		
Remedial action: If the problem persists, contact Alcatel-Lucent customer support.		

Table 26-615 IK8452332 - BusMonFallingThresholdTrap

Alarm	Attributes	Applicable major releases
Name: IK8452332 (7008) Type: qualityOfServiceAlarm (82) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: BusMonFallingThresholdTrap (1506) Implicitly cleared: false Default probable cause: resourceAtOrNearingCapacity (715)	<ul style="list-style-type: none"> LR14.3.MG
Description: The SNMP alarm that is generated when an alarm entry crosses its falling threshold and generates an event that is configured for sending SNMP traps.\nAlarm to be cleared by the operator at the management system.\nReason: cpqn52nnBusMonFallingThresholdTrap		
Remedial action: If the problem persists, contact Alcatel-Lucent customer support.		

Table 26-616 IK8452333 - GlobalBcastMemCongestionTrap

Alarm	Attributes	Applicable major releases
Name: IK8452333 (7009) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: GlobalBcastMemCongestionTrap (1507) Implicitly cleared: false Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> LR14.3.MG
Description: The SNMP alarm that is generated when an alarm entry crosses its rising or falling threshold and generates an event that is configured for sending SNMP traps.\nAlarm to be cleared by the operator at the management system.\nReason: cpqb52nnGlobalBcastMemCongestionTrap		
Remedial action: If the problem persists, contact Alcatel-Lucent customer support.		

Table 26-617 IK8452334 - PortTxPktCongestionTrap

Alarm	Attributes	Applicable major releases
Name: IK8452334 (7010) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: PortTxPktCongestionTrap (1508) Implicitly cleared: false Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> LR14.3.MG
Description: The SNMP alarm that is generated when an alarm entry crosses its rising or falling threshold and generates an event that is configured for sending SNMP traps.\nAlarm to be cleared by the operator at the management system.\nReason: cpqb52nnPortTxPktCongestionTrap		
Remedial action: If the problem persists, contact Alcatel-Lucent customer support.		

Table 26-618 IK8452335 - PortRxMemCongestionTrap

Alarm	Attributes	Applicable major releases
Name: IK8452335 (7011) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: PortRxMemCongestionTrap (1509) Implicitly cleared: false Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> LR14.3.MG
Description: The SNMP alarm that is generated when an alarm entry crosses its rising or falling threshold and generates an event that is configured for sending SNMP traps.\nAlarm to be cleared by the operator at the management system.\nReason: cpqb52nnPortRxMemCongestionTrap		
Remedial action: If the problem persists, contact Alcatel-Lucent customer support.		

Table 26-619 IK8452337 - NIC Status Trap

Alarm	Attributes	Applicable major releases
Name: IK8452337 (7012) Type: communicationsAlarm (4) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: NIC Status Trap (1455) Implicitly cleared: true Default probable cause: communicationsSubsystemFailure (915)	<ul style="list-style-type: none"> LR14.3.MG
Description: This alarm will be sent any time the status of a logical adapter changes to the Failed condition. This occurs when the adapter in a single adapter configuration fails, or when the last adapter in a redundant configuration fails. This can be caused by loss of link due to a cable being removed from the adapter or the Hub or Switch. Internal adapter, Hub, or Switch failures can also cause this condition.\nAlarm is cleared by the system.\nReason: cpqNicConnectivityLost		
Remedial action: Check the cables to the adapter and the Hub or Switch. If no cable problems are found, the adapter, Hub, or Switch may need replacement.		

Table 26-620 IK8452341 - NIC Connectivity Lost Trap

Alarm	Attributes	Applicable major releases
Name: IK8452341 (7013) Type: communicationsAlarm (4) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: NIC Connectivity Lost Trap (1456) Implicitly cleared: true Default probable cause: communicationsSubsystemFailure (915)	<ul style="list-style-type: none"> LR14.3.MG
Description: This alarm will be sent any time the status of a logical adapter changes to the Failed condition. This occurs when the adapter in a single adapter configuration fails, or when the last adapter in a redundant configuration fails. This can be caused by loss of link due to a cable being removed from the adapter or the Hub or Switch. Internal adapter, Hub, or Switch failures can also cause this condition. Alarm is cleared by the system. Reason: cpqNic2ConnectivityLost		
Remedial action: Check the cables to the adapter and the Hub or Switch. If no cable problems are found, the adapter, Hub, or Switch may need replacement.		

Table 26-621 IK8452343 - NIC Redundancy Reduced Trap

Alarm	Attributes	Applicable major releases
Name: IK8452343 (7014) Type: communicationsAlarm (4) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: NIC Redundancy Reduced Trap (1457) Implicitly cleared: true Default probable cause: communicationsSubsystemFailure (915)	<ul style="list-style-type: none"> LR14.3.MG
Description: This alarm will be sent any time a physical adapter in a logical adapter group changes to the Failed condition, but at least one physical adapter remains in the OK condition. This can be caused by loss of link due to a cable being removed from the adapter or the Hub or Switch. Internal adapter, Hub, or Switch failures can also cause this condition. Alarm is cleared by the system. Reason: cpqNic2RedundancyReduced		
Remedial action: Check the cables to the adapter and the Hub or Switch. If no cable problems are found, the adapter, Hub, or Switch may need replacement.		

Table 26-622 IK8452347 - NIC Connectivity Lost Trap

Alarm	Attributes	Applicable major releases
Name: IK8452347 (7015) Type: communicationsAlarm (4) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: NIC Connectivity Lost Trap (1456) Implicitly cleared: false Default probable cause: communicationsSubsystemFailure (915)	<ul style="list-style-type: none"> LR14.3.MG
Description: This alarm will be sent any time the status of a logical adapter changes to the Failed condition. This occurs when the adapter in a single adapter configuration fails, or when the last adapter in a redundant configuration fails. This can be caused by loss of link due to a cable being removed from the adapter or the Hub or Switch. Internal adapter, Hub, or Switch failures can also cause this condition. Alarm to be cleared by the operator at the management system. Reason: cpqNic3ConnectivityLost		

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Alarm	Attributes	Applicable major releases
Remedial action: Check the cables to the adapter and the Hub or Switch. If no cable problems are found, the adapter, Hub, or Switch may need replacement.		

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Table 26-623 IK8452349 - NIC Redundancy Reduced Trap

Alarm	Attributes	Applicable major releases
Name: IK8452349 (7016) Type: communicationsAlarm (4) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: NIC Redundancy Reduced Trap (1457) Implicitly cleared: true Default probable cause: communicationsSubsystemFailure (915)	<ul style="list-style-type: none"> LR14.3.MG
Description: This alarm will be sent any time a physical adapter in a logical adapter group changes to the Failed condition, but at least one physical adapter remains in the OK condition. This can be caused by loss of link due to a cable being removed from the adapter or the Hub or Switch. Internal adapter, Hub, or Switch failures can also cause this condition. Alarm is cleared by the system. Reason: cpqNic3RedundancyReduced		
Remedial action: Check the cables to the adapter and the Hub or Switch. If no cable problems are found, the adapter, Hub, or Switch may need replacement.		

Table 26-624 IK8452350 - Critical Alarm

Alarm	Attributes	Applicable major releases
Name: IK8452350 (7017) Type: processingErrorAlarm (81) Package: lmg Raised on class: lmg.LMGmngElement	Severity: critical Specific problem: Critical Alarm (1483) Implicitly cleared: false Default probable cause: applicationSubsystemFailure (689)	<ul style="list-style-type: none"> LR14.3.MG
Description: A critical alarm has occurred. Alarm to be cleared by the operator at the management system. Reason: trapCritical		
Remedial action: Check the Trap Details for more information.		

Table 26-625 IK8452360 - Enclosure temperature failed

Alarm	Attributes	Applicable major releases
Name: IK8452360 (7018) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: Enclosure temperature failed (1458) Implicitly cleared: false Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> LR14.3.MG

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Alarm	Attributes	Applicable major releases
Description: The enclosure temperature status has been set to failed. This alarm signifies that a enclosure temperature sensor has been tripped indicating an overheat condition.\nAlarm to be cleared by the operator at the management system.\nReason: cpqRackEnclosureTempFailed		
Remedial action: Shutdown the enclosure and possibly the rack as soon as possible. Ensure all fans are working properly and that air flow in the rack has not been blocked.		

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Table 26-626 IK8452363 - Enclosure fan failed

Alarm	Attributes	Applicable major releases
Name: IK8452363 (7019) Type: environmentalAlarm (2) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: Enclosure fan failed (1459) Implicitly cleared: true Default probable cause: coolingFanFailure (651)	<ul style="list-style-type: none"> LR14.3.MG
Description: The enclosure fan status has been set to failed. This alarm signifies that an enclosure fan has failed and no other fans in the redundant fan group are operating. This may result in overheating of the enclosure.\nAlarm is cleared by the system.\nReason: cpqRackEnclosureFanFailed		
Remedial action: Replace the fan as soon as possible.		

Table 26-627 IK8452368 - Rack power supply failed

Alarm	Attributes	Applicable major releases
Name: IK8452368 (7020) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGmngElement	Severity: critical Specific problem: Rack power supply failed (1460) Implicitly cleared: true Default probable cause: powerProblem (911)	<ul style="list-style-type: none"> LR14.3.MG
Description: The power supply status has been set to failed. This alarm signifies that a power supply has failed.\nAlarm is cleared by the system.\nReason: cpqRackPowerSupplyFailed		
Remedial action: Replace the power supply as soon as possible.		

Table 26-628 IK8452369 - Rack power supply degraded

Alarm	Attributes	Applicable major releases
Name: IK8452369 (7021) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: Rack power supply degraded (1461) Implicitly cleared: false Default probable cause: powerProblem (911)	<ul style="list-style-type: none"> LR14.3.MG

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Alarm	Attributes	Applicable major releases
Description: The power supply status has been set to degraded. This alarm signifies that a power supply has degraded.\nAlarm to be cleared by the operator at the management system.\nReason: cpqRackPowerSupplyDegraded		
Remedial action: Replace the power supply as soon as possible.		

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Table 26-629 IK8452374 - Rack power supply input voltage problem

Alarm	Attributes	Applicable major releases
Name: IK8452374 (7022) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGMgrElement	Severity: major Specific problem: Rack power supply input voltage problem (1462) Implicitly cleared: false Default probable cause: powerProblem (911)	<ul style="list-style-type: none"> LR14.3.MG
Description: The rack power supply detected an input line voltage problem.\nAlarm to be cleared by the operator at the management system.\nReason: cpqRackPowerSubsystemLineVoltageProblem		
Remedial action: Check the power input for the power supply or replace any failed power supplies as soon as possible.		

Table 26-630 IK8452375 - Rack power subsystem overload condition

Alarm	Attributes	Applicable major releases
Name: IK8452375 (7023) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGMgrElement	Severity: major Specific problem: Rack power subsystem overload condition (1463) Implicitly cleared: false Default probable cause: powerProblem (911)	<ul style="list-style-type: none"> LR14.3.MG
Description: The rack power subsystem overload condition.\nAlarm to be cleared by the operator at the management system.\nReason: cpqRackPowerSubsystemOverloadCondition		
Remedial action: Replace any failed power supplies as soon as possible to return the system to a redundant state.		

Table 26-631 IK8452376 - Server shutdown due to power shedding

Alarm	Attributes	Applicable major releases
Name: IK8452376 (7024) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGMgrElement	Severity: critical Specific problem: Server shutdown due to power shedding (1464) Implicitly cleared: false Default probable cause: powerProblem (911)	<ul style="list-style-type: none"> LR14.3.MG
Description: Server shutdown due to power shedding. The server blade was shutdown due to a lack of power.\nAlarm to be cleared by the operator at the management system.\nReason: cpqRackPowerShedAutoShutdown		

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Alarm	Attributes	Applicable major releases
Remedial action: Check power connections or add power supplies.		

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Table 26-632 IK8452377 - Server power on prevented to preserve redundancy

Alarm	Attributes	Applicable major releases
Name: IK8452377 (7025) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGmngElement	Severity: critical Specific problem: Server power on prevented to preserve redundancy (1465) Implicitly cleared: false Default probable cause: powerProblem (911)	<ul style="list-style-type: none"> LR14.3.MG
Description: Server power on prevented to preserve redundancy. There is not enough power to power on the server blade and maintain redundancy for the other blades in the enclosure. \nAlarm to be cleared by the operator at the management system. \nReason: cpqRackServerPowerOnFailedNotRedundant		
Remedial action: Check power connections or add power supplies.		

Table 26-633 IK8452378 - Inadequate power to power on

Alarm	Attributes	Applicable major releases
Name: IK8452378 (7026) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGmngElement	Severity: critical Specific problem: Inadequate power to power on (1466) Implicitly cleared: false Default probable cause: powerProblem (911)	<ul style="list-style-type: none"> LR14.3.MG
Description: Inadequate power to power on. There is not enough power to power on the server blade. \nAlarm to be cleared by the operator at the management system. \nReason: cpqRackServerPowerOnFailedNotEnoughPower		
Remedial action: Check power connections or add power supplies.		

Table 26-634 IK8452379 - Inadequate power to power on

Alarm	Attributes	Applicable major releases
Name: IK8452379 (7027) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGmngElement	Severity: critical Specific problem: Inadequate power to power on (1466) Implicitly cleared: false Default probable cause: powerProblem (911)	<ul style="list-style-type: none"> LR14.3.MG
Description: Inadequate power to power on. There is not enough power to power on the server blade. The server enclosure micro-controller was not found. \nAlarm to be cleared by the operator at the management system. \nReason: cpqRackServerPowerOnFailedEnclosureNotFound		

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Alarm	Attributes	Applicable major releases
Remedial action: Check server enclosure connections or add power supplies.		

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Table 26-635 IK8452380 - Inadequate power to power on

Alarm	Attributes	Applicable major releases
Name: IK8452380 (7028) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGmngElement	Severity: critical Specific problem: Inadequate power to power on (1466) Implicitly cleared: false Default probable cause: powerProblem (911)	<ul style="list-style-type: none"> LR14.3.MG
Description: Inadequate power to power on. There is not enough power to power on the server blade. The power enclosure micro-controller was not found.\nAlarm to be cleared by the operator at the management system.\nReason: cpqRackServerPowerOnFailedPowerChassisNotFound		
Remedial action: Check power enclosure connections or add power supplies.		

Table 26-636 IK8452382 - Fuse open

Alarm	Attributes	Applicable major releases
Name: IK8452382 (7029) Type: environmentalAlarm (2) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: Fuse open (1467) Implicitly cleared: false Default probable cause: enclosureDoorOpen (900)	<ul style="list-style-type: none"> LR14.3.MG
Description: Fuse open. The fuse has been tripped.\nAlarm to be cleared by the operator at the management system.\nReason: cpqRackFuseOpen		
Remedial action: Check enclosure and / or blade power connections and reset the fuse.		

Table 26-637 IK8452386 - Power subsystem DC power problem

Alarm	Attributes	Applicable major releases
Name: IK8452386 (7030) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: Power subsystem DC power problem (1468) Implicitly cleared: false Default probable cause: powerProblem (911)	<ul style="list-style-type: none"> LR14.3.MG
Description: Power subsystem DC power problem. There is a power subsystem DC power problem for this power enclosure.\nAlarm to be cleared by the operator at the management system.\nReason: cpqRackPowerChassisDcPowerProblem		
Remedial action: Check the power enclosure and power supplies. Replace any failed or degraded power supplies.		

Table 26-638 IK8452387 - Power subsystem AC facility input power exceeded

Alarm	Attributes	Applicable major releases
Name: IK8452387 (7031) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: Power subsystem AC facility input power exceeded (1469) Implicitly cleared: false Default probable cause: powerProblem (911)	<ul style="list-style-type: none"> LR14.3.MG
Description: Power subsystem AC facility input power exceeded. There is a power subsystem Power subsystem AC facility input power exceeded for this power enclosure.\nAlarm to be cleared by the operator at the management system.\nReason: cpqRackPowerChassisAcFacilityPowerExceeded		
Remedial action: Check the power enclosure and power supplies. Replace any failed or degraded power supplies.		

Table 26-639 IK8452388 - Unknown power consumption

Alarm	Attributes	Applicable major releases
Name: IK8452388 (7032) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: Unknown power consumption (1470) Implicitly cleared: false Default probable cause: powerProblem (911)	<ul style="list-style-type: none"> LR14.3.MG
Description: Unknown power consumption. There is an unknown power consumer drawing power.\nAlarm to be cleared by the operator at the management system.\nReason: cpqRackPowerUnknownPowerConsumption		
Remedial action: Check the power enclosure and power supplies. Replace any failed or degraded power supplies.		

Table 26-640 IK8452391 - Power subsystem improperly configured

Alarm	Attributes	Applicable major releases
Name: IK8452391 (7033) Type: processingErrorAlarm (81) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: Power subsystem improperly configured (1471) Implicitly cleared: false Default probable cause: configurationOrCustomizationError (902)	<ul style="list-style-type: none"> LR14.3.MG
Description: Power subsystem improperly configured. The power subsystem has been improperly configured.\nAlarm to be cleared by the operator at the management system.\nReason: cpqRackPowerChassisConfigError		
Remedial action: Check the cabling of the power enclosure.		

Table 26-641 IK8452401 - Interconnect failed

Alarm	Attributes	Applicable major releases
Name: IK8452401 (7034) Type: communicationsAlarm (4) Package: lmg Raised on class: lmg.LMGmngElement	Severity: critical Specific problem: Interconnect failed (1472) Implicitly cleared: false Default probable cause: communicationsSubsystemFailure (915)	<ul style="list-style-type: none"> LR14.3.MG
Description: The interconnect status has been set to failed. This alarm signifies that a interconnect has failed.\nAlarm to be cleared by the operator at the management system.\nReason: cpqRackNetConnectorFailed		
Remedial action: Replace the interconnect as soon as possible.		

Table 26-642 IK8452408 - Server blade health status degraded

Alarm	Attributes	Applicable major releases
Name: IK8452408 (7035) Type: qualityOfServiceAlarm (82) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: Server blade health status degraded (1473) Implicitly cleared: false Default probable cause: performanceDegraded (710)	<ul style="list-style-type: none"> LR14.3.MG
Description: Server blade health status Degraded. The server blade health status has changed to Degraded.\nAlarm to be cleared by the operator at the management system.\nReason: cpqRackServerBladeStatusDegraded		
Remedial action: Check blade server and enclosure SYSLOG.		

Table 26-643 IK8452409 - Server blade health status critical

Alarm	Attributes	Applicable major releases
Name: IK8452409 (7036) Type: processingErrorAlarm (81) Package: lmg Raised on class: lmg.LMGmngElement	Severity: critical Specific problem: Server blade health status critical (1474) Implicitly cleared: false Default probable cause: applicationSubsystemFailure (689)	<ul style="list-style-type: none"> LR14.3.MG
Description: Server blade health status Critical. The server blade health status has changed to Critical.\nAlarm to be cleared by the operator at the management system.\nReason: cpqRackServerBladeStatusCritical		
Remedial action: Check blade server and enclosure SYSLOG.		

Table 26-644 IK8452411 - Server blade unexpected shutdown

Alarm	Attributes	Applicable major releases
Name: IK8452411 (7037) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: Server blade unexpected shutdown (1475) Implicitly cleared: false Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> LR14.3.MG
Description: An unexpected shutdown has occurred for this server blade.\nAlarm to be cleared by the operator at the management system.\nReason: cpqRackServerBladeUnexpectedShutdown		
Remedial action: Check blade server and enclosure SYSLOG.		

Table 26-645 IK8452428 - Generic EAE Major trap

Alarm	Attributes	Applicable major releases
Name: IK8452428 (7038) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: Generic EAE Major trap (1476) Implicitly cleared: false Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> LR14.3.MG
Description: EAE Major trap\nAlarm to be cleared by the operator at the management system.\nReason: cpqRackMajorEAETrap		
Remedial action: If the problem persists, contact Alcatel-Lucent customer support.		

Table 26-646 IK8452429 - Generic EAE Critical trap

Alarm	Attributes	Applicable major releases
Name: IK8452429 (7039) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGmngElement	Severity: critical Specific problem: Generic EAE Critical trap (1477) Implicitly cleared: false Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> LR14.3.MG
Description: EAE Critical trap\nAlarm to be cleared by the operator at the management system.\nReason: cpqRackCriticalEAETrap		
Remedial action: If the problem persists, contact Alcatel-Lucent customer support.		

Table 26-647 IK8452431 - Generic Power Subsystem EAE Major trap

Alarm	Attributes	Applicable major releases
Name: IK8452431 (7040) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: Generic Power Subsystem EAE Major trap (1478) Implicitly cleared: false Default probable cause: powerProblem (911)	<ul style="list-style-type: none"> LR14.3.MG
Description: FlexFabric Cmdr Power Subsystem Major trap.\nAlarm to be cleared by the operator at the management system.\nReason: cpqRackPowerMajorEAETrap		
Remedial action: For FlexFabric Cmdr, please refer to product documentation for possible corrective actions.		

Table 26-648 IK8452432 - Generic Power Subsystem EAE Critical trap

Alarm	Attributes	Applicable major releases
Name: IK8452432 (7041) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGmngElement	Severity: critical Specific problem: Generic Power Subsystem EAE Critical trap (1479) Implicitly cleared: false Default probable cause: powerProblem (911)	<ul style="list-style-type: none"> LR14.3.MG
Description: FlexFabric Cmdr Power Subsystem Critical trap.\nAlarm to be cleared by the operator at the management system.\nReason: cpqRackPowerCriticalEAETrap		
Remedial action: For FlexFabric Cmdr, please refer to product documentation for possible corrective actions.		

Table 26-649 IK8452436 - Generic WSMAN Major trap

Alarm	Attributes	Applicable major releases
Name: IK8452436 (7042) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: Generic WSMAN Major trap (1480) Implicitly cleared: false Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> LR14.3.MG
Description: WSMAN Major trap\nReason: cpqRackMajorWSMANTrap		
Remedial action: If the problem persists, contact Alcatel-Lucent customer support.		

Table 26-650 IK8452437 - Generic WSMAN Critical trap

Alarm	Attributes	Applicable major releases
Name: IK8452437 (7043) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGmngElement	Severity: critical Specific problem: Generic WSMAN Critical trap (1481) Implicitly cleared: false Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> LR14.3.MG
Description: WSMAN Critical trap\nReason: cpqRackCriticalWSMANTrap		
Remedial action: If the problem persists, contact Alcatel-Lucent customer support.		

Table 26-651 IK8452439 - Standby Recovery Server Interconnect Failure

Alarm	Attributes	Applicable major releases
Name: IK8452439 (7044) Type: communicationsAlarm (4) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: Standby Recovery Server Interconnect Failure (1482) Implicitly cleared: false Default probable cause: communicationsSubsystemFailure (915)	<ul style="list-style-type: none"> LR14.3.MG
Description: Recovery Server serial interconnect failure. The Standby Recovery Agent reports that the local serial interconnect is not connected or has failed. The primary server is being shutdown in anticipation of the startup of the standby server.\nAlarm to be cleared by the operator at the management system.\nReason: cpqRsStandbyCableFailure		
Remedial action: If the problem persists, contact Alcatel-Lucent customer support.		

Table 26-652 IK8452559 - Critical Alarm

Alarm	Attributes	Applicable major releases
Name: IK8452559 (7045) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGmngElement	Severity: critical Specific problem: Critical Alarm (1483) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> LR14.3.MG
Description: A critical alarm has occurred.\nAlarm is cleared by the system.\nReason: cpqPMTrapCritical		
Remedial action: Check the Trap Details for more information.		

Table 26-653 IK8452609 - Monitor Condition Failed

Alarm	Attributes	Applicable major releases
Name: IK8452609 (7046) Type: processingErrorAlarm (81) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: Monitor Condition Failed (1484) Implicitly cleared: false Default probable cause: applicationSubsystemFailure (689)	<ul style="list-style-type: none"> LR14.3.MG
Description: A fault reporting feature has exceeded normal limits in the monitor indicated by the cpqSiMonitorIndex. The monitor's condition has been set to failed due to an operational feature exceeding normal operating limits. The monitor will not be useable and should be replaced. Alarm to be cleared by the operator at the management system. Reason: cpqSiMonitorConditionFailed		
Remedial action: Make a note of the monitor model number and serial number. Replace the monitor. Refer to the appropriate Maintenance and Service Guide for detailed information on a component replacement.		

Table 26-654 IK8452610 - Excessive Correctable Memory Errors

Alarm	Attributes	Applicable major releases
Name: IK8452610 (7047) Type: processingErrorAlarm (81) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: Excessive Correctable Memory Errors (1485) Implicitly cleared: false Default probable cause: memoryMismatch (680)	<ul style="list-style-type: none"> LR14.3.MG
Description: Correctable memory error count has exceeded the threshold for the memory module indicated by the 'cpqSiMemErrorIndex' variable. The appropriate cpqSiMemModuleECCStatus has been set to degraded. Alarm to be cleared by the operator at the management system. Reason: cpqSiCorrMemErrStatusDegraded		
Remedial action: For Desktops, the System Administrator should run the F10 Diagnostics on this system and select RAM LONG TEST. If it is determined that a module needs replacing, schedule maintenance for the system and replace the failed memory module. Refer to the appropriate Maintenance and Service Guide for detailed information on a component replacement.		

Table 26-655 IK8452615 - Hot Plug Slot Board Failed

Alarm	Attributes	Applicable major releases
Name: IK8452615 (7048) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: Hot Plug Slot Board Failed (1486) Implicitly cleared: false Default probable cause: powerProblem (911)	<ul style="list-style-type: none"> LR14.3.MG
Description: Hot Plug Slot Board Failed Power-Up. A Hot Plug Slot Board has failed to power-up in the specified chassis and slot. Alarm to be cleared by the operator at the management system. Reason: cpqSiHotPlugSlotPowerUpFailed		
Remedial action: Insure the board and all cables are installed correctly and the board type and revision are the same as the replaced board.		

Table 26-656 IK8452616 - Battery Failure

Alarm	Attributes	Applicable major releases
Name: IK8452616 (7049) Type: environmentalAlarm (2) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: Battery Failure (235) Implicitly cleared: false Default probable cause: batteryFailure (649)	<ul style="list-style-type: none"> LR14.3.MG
Description: The battery indicated by cpqSiSysBatteryIndex has failed and must be replaced. \nAlarm to be cleared by the operator at the management system. \nReason: cpqSiSysBatteryFailure		
Remedial action: Contact your System Administrator or Authorized Reseller to order a replacement battery. Recycle your old battery. For proper disposal information, refer to the documentation that came with your computer.		

Table 26-657 IK8452617 - Battery Charging Degradation

Alarm	Attributes	Applicable major releases
Name: IK8452617 (7050) Type: environmentalAlarm (2) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: Battery Charging Degradation (1487) Implicitly cleared: false Default probable cause: lowBatteryThreshold (656)	<ul style="list-style-type: none"> LR14.3.MG
Description: Significant battery degradation has occurred with battery indicated by cpqSiSysBatteryIndex. The battery can no longer be fully recharged. \nAlarm to be cleared by the operator at the management system. \nReason: cpqSiSysBatteryChargingDegraded		
Remedial action: If using multiple batteries, run the Power Conservation Utility to identify the battery location. Contact your System Administrator or Authorized Reseller to order a replacement battery.		

Table 26-658 IK8452620 - Server Power Outage

Alarm	Attributes	Applicable major releases
Name: IK8452620 (7051) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: Server Power Outage (1488) Implicitly cleared: false Default probable cause: powerProblem (911)	<ul style="list-style-type: none"> LR14.3.MG
Description: Server Power Outage. The Remote Insight/ Integrated Lights-Out firmware has detected server power failure. \nAlarm to be cleared by the operator at the management system. \nReason: cpqSm2ServerPowerOutage		
Remedial action: Check the server's power source.		

Table 26-659 IK8452622 - Remote Insight Battery Failed

Alarm	Attributes	Applicable major releases
Name: IK8452622 (7052) Type: environmentalAlarm (2) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: Remote Insight Battery Failed (1489) Implicitly cleared: false Default probable cause: batteryFailure (649)	<ul style="list-style-type: none"> LR14.3.MG
Description: Remote Insight Battery Failed. The Remote Insight battery has failed and needs to be replaced.\nAlarm to be cleared by the operator at the management system.\nReason: cpqSm2BatteryFailed		
Remedial action: replace the failing Remote Insight battery.		

Table 26-660 IK8452628 - Remote Insight external power cable disconnected

Alarm	Attributes	Applicable major releases
Name: IK8452628 (7053) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: Remote Insight external power cable disconnected (1490) Implicitly cleared: false Default probable cause: powerProblem (911)	<ul style="list-style-type: none"> LR14.3.MG
Description: External Power Cable Disconnected. The Remote Insight external power cable has been disconnected.\nAlarm to be cleared by the operator at the management system.\nReason: cpqSm2ExternalPowerCableDisconnected		
Remedial action: check External Power Cable		

Table 26-661 IK8452632 - Server Fatal Error Detected

Alarm	Attributes	Applicable major releases
Name: IK8452632 (7054) Type: processingErrorAlarm (81) Package: lmg Raised on class: lmg.LMGmngElement	Severity: critical Specific problem: Server Fatal Error Detected (1491) Implicitly cleared: false Default probable cause: softwareError (718)	<ul style="list-style-type: none"> LR14.3.MG
Description: Server Fatal Error Detected. The Remote Insight/ Integrated Lights-Out firmware has detected a server fatal error.\nAlarm to be cleared by the operator at the management system.\nReason: cpqSm2ServerFatalError		
Remedial action: If the problem persists, contact Alcatel-Lucent customer support.		

Table 26-662 IK8452633 - The iLO NIC Link is Down

Alarm	Attributes	Applicable major releases
Name: IK8452633 (7055) Type: communicationsAlarm (4) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: The iLO NIC Link is Down (1492) Implicitly cleared: true Default probable cause: communicationsSubsystemFailure (915)	<ul style="list-style-type: none"> LR14.3.MG
Description: The iLO NIC Link is Down. The Remote Insight/ Integrated Lights-Out firmware has detected the loss of network link.\nAlarm is cleared by the system.\nReason: cpqSm2NicLinkDown		
Remedial action: Check the network connections for the iLO.		

Table 26-663 IK8452648 - PC Card Thermal Failure Status

Alarm	Attributes	Applicable major releases
Name: IK8452648 (7056) Type: qualityOfServiceAlarm (82) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: PC Card Thermal Failure Status (1493) Implicitly cleared: false Default probable cause: performanceDegraded (710)	<ul style="list-style-type: none"> LR14.3.MG
Description: This alarm is sent when the PC Card Slot Thermal Sensor threshold has been exceeded for degraded operations thereby causing failed operations. This alarm will be sent when cpqSePCCardStatus transitions from Thermal Degraded (2) to Thermal Failure (3). The manufacturer and product information strings as well as the slot number for the failed PC Card is provided as parameters for this trap.\nAlarm to be cleared by the operator at the management system.\nReason: cpqSePCCardThermalFailure		
Remedial action: If the problem persists, contact Alcatel-Lucent customer support.		

Table 26-664 IK8452657 - Storage System Temperature Failure

Alarm	Attributes	Applicable major releases
Name: IK8452657 (7057) Type: environmentalAlarm (2) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: Storage System Temperature Failure (1494) Implicitly cleared: false Default probable cause: temperatureUnacceptable (721)	<ul style="list-style-type: none"> LR14.3.MG
Description: Storage System temperature failure. The agent has detected that a temperature status has been set to failed. The storage system will be shutdown.\nAlarm to be cleared by the operator at the management system.\nReason: cpqSsTempFailed		
Remedial action: If the problem persists, contact Alcatel-Lucent customer support.		

Table 26-665 IK8452707 - UPS Battery Low

Alarm	Attributes	Applicable major releases
Name: IK8452707 (7058) Type: environmentalAlarm (2) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: UPS Battery Low (1510) Implicitly cleared: false Default probable cause: lowBatteryThreshold (656)	<ul style="list-style-type: none"> LR14.3.MG
Description: UPS Battery Low. The server will soon lose power.\nAlarm to be cleared by the operator at the management system.\nReason: cpqUpsBatteryLow		
Remedial action: Check the UPS Battery		

Table 26-666 IK8452712 - UPS Battery Low

Alarm	Attributes	Applicable major releases
Name: IK8452712 (7059) Type: environmentalAlarm (2) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: UPS Battery Low (1510) Implicitly cleared: false Default probable cause: lowBatteryThreshold (656)	<ul style="list-style-type: none"> LR14.3.MG
Description: UPS Battery Low. The server will soon lose power.\nAlarm to be cleared by the operator at the management system.\nReason: cpqUps2BatteryLow		
Remedial action: Check the UPS Battery		

Table 26-667 IK8452714 - UPS Pending Battery Failure

Alarm	Attributes	Applicable major releases
Name: IK8452714 (7060) Type: environmentalAlarm (2) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: UPS Pending Battery Failure (1511) Implicitly cleared: false Default probable cause: batteryFailure (649)	<ul style="list-style-type: none"> LR14.3.MG
Description: The UPS battery is about to fail. Replace as soon as possible.\nAlarm to be cleared by the operator at the management system.\nReason: cpqUpsPendingBatteryFailure		
Remedial action: Replace the failing UPS battery		

Table 26-668 IK8452715 - UPS Critical Alarm

Alarm	Attributes	Applicable major releases
Name: IK8452715 (7061) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGmngElement	Severity: critical Specific problem: UPS Critical Alarm (1512) Implicitly cleared: false Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> LR14.3.MG
Description: Generic UPS critical alarm.\nAlarm to be cleared by the operator at the management system.\nReason: cpqUpsGenericCritical		
Remedial action: If the problem persists, contact Alcatel-Lucent customer support.		

Table 26-669 IK8452986 - hpTempHighCritical753

Alarm	Attributes	Applicable major releases
Name: IK8452986 (7062) Type: environmentalAlarm (2) Package: lmg Raised on class: lmg.LMGmngElement	Severity: critical Specific problem: hpTempHighCritical753 (1513) Implicitly cleared: false Default probable cause: temperatureUnacceptable (721)	<ul style="list-style-type: none"> LR14.3.MG
Description: One of the temperature sensors crossed its upper critical threshold.\nAlarm to be cleared by the operator at the management system.\nReason: hpTempHighCritical753		
Remedial action: If the problem persists, contact Alcatel-Lucent customer support.		

Table 26-670 IK8452989 - Temperature Emergency

Alarm	Attributes	Applicable major releases
Name: IK8452989 (7063) Type: environmentalAlarm (2) Package: lmg Raised on class: lmg.LMGmngElement	Severity: critical Specific problem: Temperature Emergency (1514) Implicitly cleared: false Default probable cause: temperatureUnacceptable (721)	<ul style="list-style-type: none"> LR14.3.MG
Description: One of the temperature sensors crossed its upper critical threshold.\nAlarm to be cleared by the operator at the management system.\nReason: hPTemperature5		
Remedial action: If the problem persists, contact Alcatel-Lucent customer support.		

Table 26-671 IK8452992 - hpTemperature756

Alarm	Attributes	Applicable major releases
Name: IK8452992 (7064) Type: environmentalAlarm (2) Package: lmg Raised on class: lmg.LMGmngElement	Severity: critical Specific problem: hpTemperature756 (1515) Implicitly cleared: false Default probable cause: temperatureUnacceptable (721)	<ul style="list-style-type: none"> LR14.3.MG
Description: One of the temperature sensors crossed its upper critical threshold.\nAlarm to be cleared by the operator at the management system.\nReason: hpTemperature756		
Remedial action: If the problem persists, contact Alcatel-Lucent customer support.		

Table 26-672 IK8452998 - Voltage reached critical level

Alarm	Attributes	Applicable major releases
Name: IK8452998 (7065) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: Voltage reached critical level (1516) Implicitly cleared: false Default probable cause: powerProblem (911)	<ul style="list-style-type: none"> LR14.3.MG
Description: Voltage degraded to critical level from less severe -\nAlarm to be cleared by the operator at the management system.\nReason: hpEnvironment728		
Remedial action: Check all boards with this voltage		

Table 26-673 IK8453000 - Power Pod Voltage Fault

Alarm	Attributes	Applicable major releases
Name: IK8453000 (7066) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGmngElement	Severity: critical Specific problem: Power Pod Voltage Fault (1517) Implicitly cleared: false Default probable cause: powerProblem (911)	<ul style="list-style-type: none"> LR14.3.MG
Description: Voltage becomes non-recoverable from either critical level or less severe level -\nAlarm to be cleared by the operator at the management system.\nReason: hpEnvironment706		
Remedial action: Check all boards with this voltage		

Table 26-674 IK8453025 - time critical shutdown

Alarm	Attributes	Applicable major releases
Name: IK8453025 (7067) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGmngElement	Severity: critical Specific problem: time critical shutdown (1518) Implicitly cleared: false Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> LR14.3.MG
Description: OS run-time critical shutdown\nAlarm to be cleared by the operator at the management system.\nReason: hpSystemHW748		
Remedial action: If the problem persists, contact Alcatel-Lucent customer support.		

Table 26-675 IK8454220 - N The device's health has changed to critical

Alarm	Attributes	Applicable major releases
Name: IK8454220 (7068) Type: processingErrorAlarm (81) Package: lmg Raised on class: lmg.LMGmngElement	Severity: critical Specific problem: N The device's health has changed to critical (1519) Implicitly cleared: false Default probable cause: applicationSubsystemFailure (689)	<ul style="list-style-type: none"> LR14.3.MG
Description: N The device's health has changed to critical.\nAlarm to be cleared by the operator at the management system.\nReason: hpHttpMgCriticalHealthTrap		
Remedial action: If the problem persists, contact Alcatel-Lucent customer support.		

Table 26-676 IK8454221 - Recoverable

Alarm	Attributes	Applicable major releases
Name: IK8454221 (7069) Type: processingErrorAlarm (81) Package: lmg Raised on class: lmg.LMGmngElement	Severity: critical Specific problem: Recoverable (1520) Implicitly cleared: false Default probable cause: applicationSubsystemFailure (689)	<ul style="list-style-type: none"> LR14.3.MG
Description: N The device's health has changed to Non-Recoverable.\nAlarm to be cleared by the operator at the management system.\nReason: hpHttpMgNonRecoverableHealthTrap		
Remedial action: If the problem persists, contact Alcatel-Lucent customer support.		

Table 26-677 IK8454370 - Corrupt Devices File

Alarm	Attributes	Applicable major releases
Name: IK8454370 (7070) Type: processingErrorAlarm (81) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: Corrupt Devices File (1521) Implicitly cleared: false Default probable cause: corruptData (910)	<ul style="list-style-type: none"> LR14.3.MG
Description: Device Database has been corrupted.\nAlarm to be cleared by the operator at the management system.\nReason: adaptecSCSI1		
Remedial action: If the problem persists, contact Alcatel-Lucent customer support.		

Table 26-678 IK8454371 - Corrupt Devices File

Alarm	Attributes	Applicable major releases
Name: IK8454371 (7071) Type: processingErrorAlarm (81) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: Corrupt Devices File (1521) Implicitly cleared: false Default probable cause: corruptData (910)	<ul style="list-style-type: none"> LR14.3.MG
Description: Device Database has been corrupted.\nAlarm to be cleared by the operator at the management system.\nReason: adaptecSCSI2		
Remedial action: If the problem persists, contact Alcatel-Lucent customer support.		

Table 26-679 IK8454418 - HPDA Logical Drive: Critical

Alarm	Attributes	Applicable major releases
Name: IK8454418 (7072) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGmngElement	Severity: critical Specific problem: HPDA Logical Drive: Critical (1522) Implicitly cleared: false Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> LR14.3.MG
Description: HPDA Logical Drive: Critical\nAlarm to be cleared by the operator at the management system.\nReason: hPRaid3		
Remedial action: If the problem persists, contact Alcatel-Lucent customer support.		

Table 26-680 IK8454423 - HPDA Hard Disk Failed

Alarm	Attributes	Applicable major releases
Name: IK8454423 (7073) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: HPDA Hard Disk Failed (1523) Implicitly cleared: false Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> LR14.3.MG
Description: HPDA Hard Disk Failed\nAlarm to be cleared by the operator at the management system.\nReason: hPRaid8		
Remedial action: If the problem persists, contact Alcatel-Lucent customer support.		

Table 26-681 IK8454424 - HPDA Hard Disk Failed

Alarm	Attributes	Applicable major releases
Name: IK8454424 (7074) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: HPDA Hard Disk Failed (1523) Implicitly cleared: false Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> LR14.3.MG
Description: HPDA Hard Disk Failed\nAlarm to be cleared by the operator at the management system.\nReason: hPRaid9		
Remedial action: If the problem persists, contact Alcatel-Lucent customer support.		

Table 26-682 IK8454429 - HPDA Threshold Exceeded: Hardware Errors

Alarm	Attributes	Applicable major releases
Name: IK8454429 (7075) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: HPDA Threshold Exceeded: Hardware Errors (1524) Implicitly cleared: false Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> LR14.3.MG
Description: HPDA Threshold Exceeded: Hardware Errors\nAlarm to be cleared by the operator at the management system.\nReason: hPRaid14		
Remedial action: check HPDA		

Table 26-683 IK8454430 - HPDA Threshold Exceeded: Hardware Errors

Alarm	Attributes	Applicable major releases
Name: IK8454430 (7076) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: HPDA Threshold Exceeded: Hardware Errors (1524) Implicitly cleared: false Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> LR14.3.MG
Description: HPDA Threshold Exceeded: Hardware Errors\nAlarm to be cleared by the operator at the management system.\nReason: hPRaid15		
Remedial action: If the problem persists, contact Alcatel-Lucent customer support.		

Table 26-684 IK8454441 - Voltage Warning

Alarm	Attributes	Applicable major releases
Name: IK8454441 (7077) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: Voltage Warning (1525) Implicitly cleared: false Default probable cause: powerProblem (911)	<ul style="list-style-type: none"> LR14.3.MG
Description: One of the voltage sensors crossed its upper non-critical threshold.\nAlarm to be cleared by the operator at the management system.\nReason: hPEnvironment4		
Remedial action: If the problem persists, contact Alcatel-Lucent customer support.		

Table 26-685 IK8454442 - Voltage Emergency

Alarm	Attributes	Applicable major releases
Name: IK8454442 (7078) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGmngElement	Severity: critical Specific problem: Voltage Emergency (1526) Implicitly cleared: false Default probable cause: powerProblem (911)	<ul style="list-style-type: none"> LR14.3.MG
Description: One of the voltage sensors crossed its upper critical threshold.\nAlarm to be cleared by the operator at the management system.\nReason: hPEnvironment5		
Remedial action: If the problem persists, contact Alcatel-Lucent customer support.		

Table 26-686 IK8454443 - Voltage Emergency

Alarm	Attributes	Applicable major releases
Name: IK8454443 (7079) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGmngElement	Severity: critical Specific problem: Voltage Emergency (1526) Implicitly cleared: false Default probable cause: powerProblem (911)	<ul style="list-style-type: none"> LR14.3.MG
Description: One of the voltage sensors crossed its upper non-recoverable threshold.\nAlarm to be cleared by the operator at the management system.\nReason: hPEEnvironment6		
Remedial action: If the problem persists, contact Alcatel-Lucent customer support.		

Table 26-687 IK8454444 - Voltage Regulating Module

Alarm	Attributes	Applicable major releases
Name: IK8454444 (7080) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: Voltage Regulating Module (1527) Implicitly cleared: false Default probable cause: powerProblem (911)	<ul style="list-style-type: none"> LR14.3.MG
Description: Voltage Regulating Module (VRM) on the indicated processor module had failed.\nAlarm to be cleared by the operator at the management system.\nReason: hPEEnvironment7		
Remedial action: If the problem persists, contact Alcatel-Lucent customer support.		

Table 26-688 IK8454449 - Fan Emergency

Alarm	Attributes	Applicable major releases
Name: IK8454449 (7081) Type: environmentalAlarm (2) Package: lmg Raised on class: lmg.LMGmngElement	Severity: critical Specific problem: Fan Emergency (1528) Implicitly cleared: false Default probable cause: coolingFanFailure (651)	<ul style="list-style-type: none"> LR14.3.MG
Description: One of the fan sensors crossed its upper critical threshold.\nAlarm to be cleared by the operator at the management system.\nReason: hPFan5		
Remedial action: If the problem persists, contact Alcatel-Lucent customer support.		

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Table 26-689 IK8454450 - Fan Emergency

Alarm	Attributes	Applicable major releases
Name: IK8454450 (7082) Type: environmentalAlarm (2) Package: lmg Raised on class: lmg.LMGmngElement	Severity: critical Specific problem: Fan Emergency (1528) Implicitly cleared: false Default probable cause: coolingFanFailure (651)	<ul style="list-style-type: none"> LR14.3.MG
Description: One of the fan sensors crossed its upper non-recoverable threshold.\nAlarm to be cleared by the operator at the management system.\nReason: hPFan6		
Remedial action: If the problem persists, contact Alcatel-Lucent customer support.		

Table 26-690 IK8454452 - Processor/PCI Fan Tray failure

Alarm	Attributes	Applicable major releases
Name: IK8454452 (7083) Type: environmentalAlarm (2) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: Processor/PCI Fan Tray failure (1529) Implicitly cleared: false Default probable cause: coolingFanFailure (651)	<ul style="list-style-type: none"> LR14.3.MG
Description: Two or more of the fans in the Processor/PCI Fan Tray have stopped or have been removed.\nAlarm to be cleared by the operator at the management system.\nReason: hPFan8		
Remedial action: Check the fans in the Processor/PCI Fan Tray		

Table 26-691 IK8454454 - Memory Fan Error

Alarm	Attributes	Applicable major releases
Name: IK8454454 (7084) Type: environmentalAlarm (2) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: Memory Fan Error (1530) Implicitly cleared: false Default probable cause: coolingFanFailure (651)	<ul style="list-style-type: none"> LR14.3.MG
Description: One of the fans in the Memory Fan Tray stopped.\nAlarm to be cleared by the operator at the management system.\nReason: hPFan10		
Remedial action: check the fans in the Memory Fan Tray		

Table 26-692 IK8454455 - Memory Fan Failure

Alarm	Attributes	Applicable major releases
Name: IK8454455 (7085) Type: environmentalAlarm (2) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: Memory Fan Failure (1531) Implicitly cleared: false Default probable cause: coolingFanFailure (651)	<ul style="list-style-type: none"> LR14.3.MG
Description: Two or more of the fans in the Memory Fan Tray have stopped or been removed.\nAlarm to be cleared by the operator at the management system.\nReason: hPFan11		
Remedial action: Check the fans in the Memory Fan Tray		

Table 26-693 IK8454481 - Alignment Errors exceeded threshold

Alarm	Attributes	Applicable major releases
Name: IK8454481 (7086) Type: processingErrorAlarm (81) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: Alignment Errors exceeded threshold (1532) Implicitly cleared: false Default probable cause: applicationSubsystemFailure (689)	<ul style="list-style-type: none"> LR14.3.MG
Description: The total number of alignment and CRC errors has exceeded the threshold.\nAlarm to be cleared by the operator at the management system.\nReason: networkCard13		
Remedial action: If the problem persists, contact Alcatel-Lucent customer support.		

Table 26-694 IK8454541 - Warning NOS hang

Alarm	Attributes	Applicable major releases
Name: IK8454541 (7087) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: Warning NOS hang (1533) Implicitly cleared: false Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> LR14.3.MG
Description: ASR has stopped notifying the HP Remote Assistant Card that the system is running correctly (the server probably hung or crashed).\nAlarm to be cleared by the operator at the management system.\nReason: rAASR1		
Remedial action: If the problem persists, contact Alcatel-Lucent customer support.		

Table 26-695 IK8454560 - Automatic power shutdown due to critical condition

Alarm	Attributes	Applicable major releases
Name: IK8454560 (7088) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGmngElement	Severity: critical Specific problem: Automatic power shutdown due to critical condition (1534) Implicitly cleared: false Default probable cause: powerProblem (911)	<ul style="list-style-type: none"> LR14.3.MG
Description: Automatic power shutdown due to critical condition.\nAlarm to be cleared by the operator at the management system.\nReason: rAOther15		
Remedial action: If the problem persists, contact Alcatel-Lucent customer support.		

Table 26-696 IK8454591 - Remote Control Card battery low

Alarm	Attributes	Applicable major releases
Name: IK8454591 (7089) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: Remote Control Card battery low (1535) Implicitly cleared: false Default probable cause: powerProblem (911)	<ul style="list-style-type: none"> LR14.3.MG
Description: The TopTools Remote Control backup battery has discharged to a level where it will not be able to power the card\nAlarm to be cleared by the operator at the management system.\nReason: rAOther46		
Remedial action: check the TopTools Remote Control backup battery		

Table 26-697 IK8454595 - Temperature Graceful Shutdown

Alarm	Attributes	Applicable major releases
Name: IK8454595 (7090) Type: environmentalAlarm (2) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: Temperature Graceful Shutdown (1536) Implicitly cleared: false Default probable cause: temperatureUnacceptable (721)	<ul style="list-style-type: none"> LR14.3.MG
Description: The server temperature measured on the HP Remote Assistant Card has exceeded the configured threshold and the server has been automatically shut down.\nAlarm to be cleared by the operator at the management system.\nReason: rATemp2		
Remedial action: If the problem persists, contact Alcatel-Lucent customer support.		

Table 26-698 IK8454596 - Automatic graceful shutdown of NOS

Alarm	Attributes	Applicable major releases
Name: IK8454596 (7091) Type: environmentalAlarm (2) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: Automatic graceful shutdown of NOS (1537) Implicitly cleared: false Default probable cause: temperatureUnacceptable (721)	<ul style="list-style-type: none"> LR14.3.MG
Description: The server temperature or voltage levels measured by the remote management hardware has exceeded the configured threshold. The server has been automatically shut down.\nAlarm to be cleared by the operator at the management system.\nReason: rATemp3		
Remedial action: If the problem persists, contact Alcatel-Lucent customer support.		

Table 26-699 IK8454597 - Temperature Critical

Alarm	Attributes	Applicable major releases
Name: IK8454597 (7092) Type: environmentalAlarm (2) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: Temperature Critical (1538) Implicitly cleared: false Default probable cause: temperatureUnacceptable (721)	<ul style="list-style-type: none"> LR14.3.MG
Description: The server temperature measured on the HP Remote Assistant Card has exceeded the configured Graceful Shutdown threshold value by 5 degrees C and the server has been automatically shut down.\nAlarm to be cleared by the operator at the management system.\nReason: rATemp4		
Remedial action: If the problem persists, contact Alcatel-Lucent customer support.		

Table 26-700 IK8454598 - Server power failure

Alarm	Attributes	Applicable major releases
Name: IK8454598 (7093) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGmngElement	Severity: critical Specific problem: Server power failure (1539) Implicitly cleared: false Default probable cause: powerProblem (911)	<ul style="list-style-type: none"> LR14.3.MG
Description: The server has lost the power completely.\nAlarm to be cleared by the operator at the management system.\nReason: rAVoltage1		
Remedial action: check the server power		

Table 26-701 IK8454599 - 12V Upper Threshold upper threshold warning

Alarm	Attributes	Applicable major releases
Name: IK8454599 (7094) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGMngElement	Severity: major Specific problem: 12V Upper Threshold upper threshold warning (1540) Implicitly cleared: false Default probable cause: powerProblem (911)	<ul style="list-style-type: none"> LR14.3.MG
Description: Voltage measured in the server has gone outside of -12V Upper Threshold.\nAlarm to be cleared by the operator at the management system.\nReason: rAVoltage2		
Remedial action: If the problem persists, contact Alcatel-Lucent customer support.		

Table 26-702 IK8454600 - +33 Upper Threshold Warning

Alarm	Attributes	Applicable major releases
Name: IK8454600 (7095) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGMngElement	Severity: major Specific problem: +33 Upper Threshold Warning (1541) Implicitly cleared: false Default probable cause: powerProblem (911)	<ul style="list-style-type: none"> LR14.3.MG
Description: Voltage measured in the server has gone outside of +3.3V Upper Threshold.\nAlarm to be cleared by the operator at the management system.\nReason: rAVoltage3		
Remedial action: If the problem persists, contact Alcatel-Lucent customer support.		

Table 26-703 IK8454601 - +5V Upper Threshold Warning

Alarm	Attributes	Applicable major releases
Name: IK8454601 (7096) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGMngElement	Severity: major Specific problem: +5V Upper Threshold Warning (1542) Implicitly cleared: false Default probable cause: powerProblem (911)	<ul style="list-style-type: none"> LR14.3.MG
Description: Voltage measured in the server has gone outside of +5V Upper Threshold.\nAlarm to be cleared by the operator at the management system.\nReason: rAVoltage4		
Remedial action: If the problem persists, contact Alcatel-Lucent customer support.		

Table 26-704 IK8454602 - +12V Upper Threshold Warning

Alarm	Attributes	Applicable major releases
Name: IK8454602 (7097) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: +12V Upper Threshold Warning (1543) Implicitly cleared: false Default probable cause: powerProblem (911)	<ul style="list-style-type: none"> LR14.3.MG
Description: Voltage measured in the server has gone outside of +12V Upper Threshold.\nAlarm to be cleared by the operator at the management system.\nReason: rAVoltage5		
Remedial action: If the problem persists, contact Alcatel-Lucent customer support.		

Table 26-705 IK8454621 - Power System failure A/C Lost

Alarm	Attributes	Applicable major releases
Name: IK8454621 (7098) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: Power System failure A/C Lost (1544) Implicitly cleared: false Default probable cause: powerProblem (911)	<ul style="list-style-type: none"> LR14.3.MG
Description: Power System failure A/C Lost\nAlarm to be cleared by the operator at the management system.\nReason: redundantPower14		
Remedial action: Check Power system AC		

Table 26-706 IK8454623 - Power Supply Over Temperature

Alarm	Attributes	Applicable major releases
Name: IK8454623 (7099) Type: environmentalAlarm (2) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: Power Supply Over Temperature (1545) Implicitly cleared: false Default probable cause: temperatureUnacceptable (721)	<ul style="list-style-type: none"> LR14.3.MG
Description: Temperature alert on designated Power Supply.\nAlarm to be cleared by the operator at the management system.\nReason: redundantPower16		
Remedial action: If the problem persists, contact Alcatel-Lucent customer support.		

Table 26-707 IK8454624 - Power Supply Over Temperature

Alarm	Attributes	Applicable major releases
Name: IK8454624 (7100) Type: environmentalAlarm (2) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: Power Supply Over Temperature (1545) Implicitly cleared: false Default probable cause: temperatureUnacceptable (721)	<ul style="list-style-type: none"> LR14.3.MG
Description: Temperature alert on designated Power Supply.\nAlarm to be cleared by the operator at the management system.\nReason: redundantPower17		
Remedial action: If the problem persists, contact Alcatel-Lucent customer support.		

Table 26-708 IK8454625 - Power Supply Fan Failed

Alarm	Attributes	Applicable major releases
Name: IK8454625 (7101) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: Power Supply Fan Failed (1546) Implicitly cleared: false Default probable cause: powerProblem (911)	<ul style="list-style-type: none"> LR14.3.MG
Description: Fan failure on designated Power Supply.\nAlarm to be cleared by the operator at the management system.\nReason: redundantPower18		
Remedial action: Check the fan of the Power Supply		

Table 26-709 IK8454626 - Power Supply Fan Failed

Alarm	Attributes	Applicable major releases
Name: IK8454626 (7102) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: Power Supply Fan Failed (1546) Implicitly cleared: false Default probable cause: powerProblem (911)	<ul style="list-style-type: none"> LR14.3.MG
Description: Fan failure on designated Power Supply.\nAlarm to be cleared by the operator at the management system.\nReason: redundantPower19		
Remedial action: Check the fan of the Power Supply		

Table 26-710 IK8454630 - Power Supply 33 volts bad

Alarm	Attributes	Applicable major releases
Name: IK8454630 (7103) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: Power Supply 33 volts bad (1547) Implicitly cleared: false Default probable cause: powerProblem (911)	<ul style="list-style-type: none"> LR14.3.MG
Description: A power supply's 3.3 volt supply has gone bad\nAlarm to be cleared by the operator at the management system.\nReason: redundantPower23		
Remedial action: check the 3.3V power supply		

Table 26-711 IK8454631 - Power Supply 5 volts bad

Alarm	Attributes	Applicable major releases
Name: IK8454631 (7104) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: Power Supply 5 volts bad (1548) Implicitly cleared: false Default probable cause: powerProblem (911)	<ul style="list-style-type: none"> LR14.3.MG
Description: A power supply's 5 volt supply has gone bad\nAlarm to be cleared by the operator at the management system.\nReason: redundantPower24		
Remedial action: check the 5V power supply		

Table 26-712 IK8454632 - Power Supply 12 volts bad

Alarm	Attributes	Applicable major releases
Name: IK8454632 (7105) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: Power Supply 12 volts bad (1549) Implicitly cleared: false Default probable cause: powerProblem (911)	<ul style="list-style-type: none"> LR14.3.MG
Description: A power supply's 12 volt supply has gone bad\nAlarm to be cleared by the operator at the management system.\nReason: redundantPower25		
Remedial action: check the 12V power supply		

Table 26-713 IK8454633 - 12 volts bad

Alarm	Attributes	Applicable major releases
Name: IK8454633 (7106) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: 12 volts bad (1550) Implicitly cleared: false Default probable cause: powerProblem (911)	<ul style="list-style-type: none"> LR14.3.MG
Description: A power supply's -12 volt supply has gone bad\nAlarm to be cleared by the operator at the management system.\nReason: redundantPower26		
Remedial action: check the -12V power supply		

Table 26-714 IK8454634 - Power Supply Removed

Alarm	Attributes	Applicable major releases
Name: IK8454634 (7107) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: Power Supply Removed (1551) Implicitly cleared: false Default probable cause: powerProblem (911)	<ul style="list-style-type: none"> LR14.3.MG
Description: Indicated Power Supply has been removed or is not connected properly.\nAlarm to be cleared by the operator at the management system.\nReason: redundantPower27		
Remedial action: check the Power Supply		

Table 26-715 IK8454638 - Power Supply Unit power has failed

Alarm	Attributes	Applicable major releases
Name: IK8454638 (7108) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: Power Supply Unit power has failed (1552) Implicitly cleared: false Default probable cause: powerProblem (911)	<ul style="list-style-type: none"> LR14.3.MG
Description: The indicated Power Supply Unit power has failed.\nAlarm to be cleared by the operator at the management system.\nReason: redundantPower31		
Remedial action: check the indicated Power Supply Unit power		

Table 26-716 IK8454650 - Capacity major level

Alarm	Attributes	Applicable major releases
Name: IK8454650 (7109) Type: processingErrorAlarm (81) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: Capacity major level (1553) Implicitly cleared: false Default probable cause: applicationSubsystemFailure (689)	<ul style="list-style-type: none"> LR14.3.MG
Description: Volume Storage Capacity has exceeded the major threshold level.\nAlarm to be cleared by the operator at the management system.\nReason: storageCap5		
Remedial action: If the problem persists, contact Alcatel-Lucent customer support.		

Table 26-717 IK8454651 - Capacity major level

Alarm	Attributes	Applicable major releases
Name: IK8454651 (7110) Type: processingErrorAlarm (81) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: Capacity major level (1553) Implicitly cleared: false Default probable cause: applicationSubsystemFailure (689)	<ul style="list-style-type: none"> LR14.3.MG
Description: Volume Storage Capacity has exceeded the major threshold level.\nAlarm to be cleared by the operator at the management system.\nReason: storageCap6		
Remedial action: If the problem persists, contact Alcatel-Lucent customer support.		

Table 26-718 IK8454659 - VRM failure

Alarm	Attributes	Applicable major releases
Name: IK8454659 (7111) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: VRM failure (1554) Implicitly cleared: false Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> LR14.3.MG
Description: VRM failure\nAlarm to be cleared by the operator at the management system.\nReason: systemHW7s		
Remedial action: If the problem persists, contact Alcatel-Lucent customer support.		

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Table 26-719 IK8454680 - Processor startup/initialization failed

Alarm	Attributes	Applicable major releases
Name: IK8454680 (7112) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: Processor startup/initialization failed (1555) Implicitly cleared: false Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> LR14.3.MG
Description: Processor startup/initialization failed\nAlarm to be cleared by the operator at the management system.\nReason: systemHW26		
Remedial action: If the problem persists, contact Alcatel-Lucent customer support.		

Table 26-720 IK8454681 - Fan failure

Alarm	Attributes	Applicable major releases
Name: IK8454681 (7113) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: Fan failure (1556) Implicitly cleared: false Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> LR14.3.MG
Description: Multiple Fan Failure\nAlarm to be cleared by the operator at the management system.\nReason: systemHW27		
Remedial action: If the problem persists, contact Alcatel-Lucent customer support.		

Table 26-721 IK8454698 - System critical limit exceeded

Alarm	Attributes	Applicable major releases
Name: IK8454698 (7114) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGmngElement	Severity: critical Specific problem: System critical limit exceeded (1557) Implicitly cleared: false Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> LR14.3.MG
Description: An event of critical severity has occurred in the system. For example, both system fans have failed\nAlarm to be cleared by the operator at the management system.\nReason: systemHW44		
Remedial action: If the problem persists, contact Alcatel-Lucent customer support.		

Table 26-722 IK8454708 - Control Board System reset

Alarm	Attributes	Applicable major releases
Name: IK8454708 (7115) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGmngElement	Severity: critical Specific problem: Control Board System reset (1558) Implicitly cleared: false Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> LR14.3.MG
Description: The system has been reset because Control Board detected a critical error.\nAlarm to be cleared by the operator at the management system.\nReason: systemHW54		
Remedial action: If the problem persists, contact Alcatel-Lucent customer support.		

Table 26-723 IK8454710 - Processor Card Missing or not terminated

Alarm	Attributes	Applicable major releases
Name: IK8454710 (7116) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: Processor Card Missing or not terminated (1559) Implicitly cleared: false Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> LR14.3.MG
Description: The Processor Card is missing or not properly terminated in indicated processor module.\nAlarm to be cleared by the operator at the management system.\nReason: systemHW56		
Remedial action: If the problem persists, contact Alcatel-Lucent customer support.		

Table 26-724 IK8454712 - Violation

Alarm	Attributes	Applicable major releases
Name: IK8454712 (7117) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: Violation (1560) Implicitly cleared: false Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> LR14.3.MG
Description: Front Panel Button Violation\nAlarm to be cleared by the operator at the management system.\nReason: systemHW58		
Remedial action: If the problem persists, contact Alcatel-Lucent customer support.		

Table 26-725 IK8454730 - ACPI hardware failure

Alarm	Attributes	Applicable major releases
Name: IK8454730 (7118) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: ACPI hardware failure (1561) Implicitly cleared: false Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> LR14.3.MG
Description: ACPI hardware failure\nAlarm to be cleared by the operator at the management system.\nReason: systemHW77		
Remedial action: check ACPI		

Table 26-726 IK8454735 - The battery cycles have gone beyond the upper critical range

Alarm	Attributes	Applicable major releases
Name: IK8454735 (7119) Type: environmentalAlarm (2) Package: lmg Raised on class: lmg.LMGmngElement	Severity: critical Specific problem: The battery cycles have gone beyond the upper critical range (1562) Implicitly cleared: false Default probable cause: batteryFailure (649)	<ul style="list-style-type: none"> LR14.3.MG
Description: Battery cycles have gone beyond the upper critical range\nAlarm to be cleared by the operator at the management system.\nReason: systemHW81		
Remedial action: If the problem persists, contact Alcatel-Lucent customer support.		

Table 26-727 IK8454743 - Generic trap for Critical or Fatal type E0 event from system firmware

Alarm	Attributes	Applicable major releases
Name: IK8454743 (7120) Type: processingErrorAlarm (81) Package: lmg Raised on class: lmg.LMGmngElement	Severity: critical Specific problem: Generic trap for Critical or Fatal type E0 event from system firmware (1563) Implicitly cleared: false Default probable cause: softwareError (718)	<ul style="list-style-type: none"> LR14.3.MG
Description: Generic alarm for Critical or Fatal type E0 event from system firmware\nAlarm to be cleared by the operator at the management system.\nReason: systemFW1		
Remedial action: If the problem persists, contact Alcatel-Lucent customer support.		

Table 26-728 IK8454749 - Temperature Emergency

Alarm	Attributes	Applicable major releases
Name: IK8454749 (7121) Type: environmentalAlarm (2) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: Temperature Emergency (1514) Implicitly cleared: false Default probable cause: temperatureUnacceptable (721)	<ul style="list-style-type: none"> LR14.3.MG
Description: Server temperature has exceeded the emergency temperature threshold.\nAlarm to be cleared by the operator at the management system.\nReason: temperature3		
Remedial action: If the problem persists, contact Alcatel-Lucent customer support.		

Table 26-729 IK8454752 - Hot Swap: Temperature emergency

Alarm	Attributes	Applicable major releases
Name: IK8454752 (7122) Type: environmentalAlarm (2) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: Hot Swap: Temperature emergency (1564) Implicitly cleared: false Default probable cause: temperatureUnacceptable (721)	<ul style="list-style-type: none"> LR14.3.MG
Description: Hot Swap Cage : Emergency temperature exceeded!\nAlarm to be cleared by the operator at the management system.\nReason: temperature6		
Remedial action: If the problem persists, contact Alcatel-Lucent customer support.		

Table 26-730 IK8454755 - Hot Swap Cage: Temperature emergency

Alarm	Attributes	Applicable major releases
Name: IK8454755 (7123) Type: environmentalAlarm (2) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: Hot Swap Cage: Temperature emergency (1565) Implicitly cleared: false Default probable cause: temperatureUnacceptable (721)	<ul style="list-style-type: none"> LR14.3.MG
Description: Hot Swap Cage : Emergency temperature exceeded!\nAlarm to be cleared by the operator at the management system.\nReason: temperature9		
Remedial action: If the problem persists, contact Alcatel-Lucent customer support.		

Table 26-731 IK8454762 - linkDown

Alarm	Attributes	Applicable major releases
Name: IK8454762 (7124) Type: communicationsAlarm (4) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: linkDown (1495) Implicitly cleared: true Default probable cause: communicationsSubsystemFailure (915)	<ul style="list-style-type: none"> LR14.3.MG
Description: A linkDown alarm signifies that the SNMP entity, acting in an agent role, has detected that the ifOperStatus object for one of its communication links is about to enter the down state from some other state (but not from the notPresent state). This other state is indicated by the included value of ifOperStatus.\nAlarm is cleared by the system.\nReason: linkDown		
Remedial action: If the problem persists, contact Alcatel-Lucent customer support.		

Table 26-732 IK8456033 - hpOVISMajorAlarm

Alarm	Attributes	Applicable major releases
Name: IK8456033 (7125) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: hpOVISMajorAlarm (1566) Implicitly cleared: false Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> LR14.3.MG
Description: Major alarm\nAlarm to be cleared by the operator at the management system.\nReason: hpOVISMajorAlarm		
Remedial action: If the problem persists, contact Alcatel-Lucent customer support.		

Table 26-733 IK8456034 - hpOVISCriticalAlarm

Alarm	Attributes	Applicable major releases
Name: IK8456034 (7126) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGmngElement	Severity: critical Specific problem: hpOVISCriticalAlarm (1567) Implicitly cleared: false Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> LR14.3.MG
Description: Critical alarm\nAlarm to be cleared by the operator at the management system.\nReason: hpOVISCriticalAlarm		
Remedial action: If the problem persists, contact Alcatel-Lucent customer support.		

Table 26-734 IK8457327 - hh3cEntityExtTemperatureThresholdNotification

Alarm	Attributes	Applicable major releases
Name: IK8457327 (7127) Type: environmentalAlarm (2) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: hh3cEntityExtTemperatureThresholdNotification (1568) Implicitly cleared: false Default probable cause: temperatureUnacceptable (721)	<ul style="list-style-type: none"> LR14.3.MG
Description: The hh3cEntityExtTemperatureThresholdNotification indicates the temperature exceeded the threshold.\nAlarm to be cleared by the operator at the management system.\nReason: hh3cEntityExtTemperatureThresholdNotification		
Remedial action: Check the status and the environment of the entity, sometimes it happens because of the failure of air-condition.		

Table 26-735 IK8457329 - hh3cEntityExtVoltageHighThresholdNotification

Alarm	Attributes	Applicable major releases
Name: IK8457329 (7128) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: hh3cEntityExtVoltageHighThresholdNotification (1569) Implicitly cleared: false Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> LR14.3.MG
Description: The hh3cEntityExtVoltageHighThresholdNotification indicates the voltage is higher than the threshold. If the voltage is higher too much than the entity needs, The entity may be damaged by the high voltage.\nAlarm to be cleared by the operator at the management system.\nReason: hh3cEntityExtVoltageHighThresholdNotification		
Remedial action: If the problem persists, contact Alcatel-Lucent customer support.		

Table 26-736 IK8457331 - hh3cEntityExtMemUsageThresholdNotification

Alarm	Attributes	Applicable major releases
Name: IK8457331 (7129) Type: processingErrorAlarm (81) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: hh3cEntityExtMemUsageThresholdNotification (1570) Implicitly cleared: true Default probable cause: memoryMismatch (680)	<ul style="list-style-type: none"> LR14.3.MG
Description: The hh3cEntityExtMemUsageThresholdNotification indicates the entity is overloaded.\nAlarm is cleared by the system.\nReason: hh3cEntityExtMemUsageThresholdNotification		
Remedial action: If the problem persists, contact Alcatel-Lucent customer support.		

Table 26-737 IK8457334 - hh3cEntityExtCriticalTemperatureThresholdNotification

Alarm	Attributes	Applicable major releases
Name: IK8457334 (7130) Type: environmentalAlarm (2) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: hh3cEntityExtCriticalTemperatureThresholdNotification (1571) Implicitly cleared: false Default probable cause: highTemperature (667)	<ul style="list-style-type: none"> LR14.3.MG
Description: The hh3cEntityExtCriticalTemperatureThresholdNotification indicates the temperature exceeds the critical temperature. \nAlarm to be cleared by the operator at the management system. \nReason: hh3cEntityExtCriticalTemperatureThresholdNotification		
Remedial action: Check the status and the environment of the entity, sometimes it happens because of the failure of air-condition.		

Table 26-738 IK8457346 - hh3cEntityExtTemperatureLower

Alarm	Attributes	Applicable major releases
Name: IK8457346 (7131) Type: environmentalAlarm (2) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: hh3cEntityExtTemperatureLower (1572) Implicitly cleared: true Default probable cause: temperatureUnacceptable (721)	<ul style="list-style-type: none"> LR14.3.MG
Description: The alarm indicates the temperature of a specified entity is under the lower threshold. \nAlarm is cleared by the system. \nReason: hh3cEntityExtTemperatureLower		
Remedial action: Check the status and the environment of the entity, sometimes it goes wrong for some reason.		

Table 26-739 IK8457347 - hh3cEntityExtTemperatureTooUp

Alarm	Attributes	Applicable major releases
Name: IK8457347 (7132) Type: environmentalAlarm (2) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: hh3cEntityExtTemperatureTooUp (1573) Implicitly cleared: false Default probable cause: highTemperature (667)	<ul style="list-style-type: none"> LR14.3.MG
Description: The alarm indicates the temperature of a specified entity exceeded the shutdown threshold. \nAlarm to be cleared by the operator at the management system. \nReason: hh3cEntityExtTemperatureTooUp		
Remedial action: Check the status and the environment of the entity, sometimes it goes wrong for some reason.		

Table 26-740 IK8457354 - hh3cEntityExtECCParityAlarm

Alarm	Attributes	Applicable major releases
Name: IK8457354 (7133) Type: communicationsAlarm (4) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: hh3cEntityExtECCParityAlarm (1574) Implicitly cleared: false Default probable cause: communicationsSubsystemFailure (915)	<ul style="list-style-type: none"> LR14.3.MG
Description: The alarm indicates the ECC(Error Correction Code) parity error alarm.\nAlarm to be cleared by the operator at the management system.\nReason: hh3cEntityExtECCParityAlarm		
Remedial action: If the problem persists, contact Alcatel-Lucent customer support.		

Table 26-741 IK8457377 - hh3cpowerfailure

Alarm	Attributes	Applicable major releases
Name: IK8457377 (7134) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: hh3cpowerfailure (1575) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> LR14.3.MG
Description: Power supply failure\nAlarm is cleared by the system.\nReason: hh3cpowerfailure		
Remedial action: check the power supply		

Table 26-742 IK8457386 - hh3cBoardFailure

Alarm	Attributes	Applicable major releases
Name: IK8457386 (7135) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: hh3cBoardFailure (1576) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> LR14.3.MG
Description: Board failed\nAlarm is cleared by the system.\nReason: hh3cBoardFailure		
Remedial action: If the problem persists, contact Alcatel-Lucent customer support.		

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Table 26-743 IK8457391 - hh3cBoardTemperatureHigher

Alarm	Attributes	Applicable major releases
Name: IK8457391 (7136) Type: environmentalAlarm (2) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: hh3cBoardTemperatureHigher (1577) Implicitly cleared: true Default probable cause: highTemperature (667)	<ul style="list-style-type: none"> LR14.3.MG
Description: Board temperature high\nAlarm is cleared by the system.\nReason: hh3cBoardTemperatureHigher		
Remedial action: If the problem persists, contact Alcatel-Lucent customer support.		

Table 26-744 IK8457394 - hh3cLoadFailure

Alarm	Attributes	Applicable major releases
Name: IK8457394 (7137) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: hh3cLoadFailure (1578) Implicitly cleared: false Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> LR14.3.MG
Description: Board load failure\nAlarm to be cleared by the operator at the management system.\nReason: hh3cLoadFailure		
Remedial action: If the problem persists, contact Alcatel-Lucent customer support.		

Table 26-745 IK8500002 - Temperature

Alarm	Attributes	Applicable major releases
Name: IK8500002 (7138) Type: environmentalAlarm (2) Package: lmg Raised on class: lmg.LMGmngElement	Severity: warning Specific problem: Temperature (1579) Implicitly cleared: true Default probable cause: temperatureUnacceptable (721)	<ul style="list-style-type: none"> LR14.3.MG
Description: Temperature exceeds the max user temperature level. Alarm is cleared by the system.\nReason: Temperature		
Remedial action: Check that the fans of the device are working properly. Check also that configured temperature threshold is not too low (under normal running conditions; approximately 45C when ambient is at 25C). Finally, check that ambient temperature is not too high.		

Table 26-746 IK8500006 - VRRP failure

Alarm	Attributes	Applicable major releases
Name: IK8500006 (7139) Type: communicationsAlarm (4) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: VRRP failure (1580) Implicitly cleared: true Default probable cause: communicationsSubsystemFailure (915)	<ul style="list-style-type: none"> LR14.3.MG
Description: VRRP Failure Alarm ON. Alarm is cleared by the system.\nReason: VRRP failure		
Remedial action: Connect another user-plane device with the same VRRP Id and parameters on the appropriate IP interface.		

Table 26-747 IK8500103 - NTP Server Locked

Alarm	Attributes	Applicable major releases
Name: IK8500103 (7140) Type: communicationsAlarm (4) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: NTP Server Locked (1581) Implicitly cleared: true Default probable cause: communicationsSubsystemFailure (915)	<ul style="list-style-type: none"> LR14.3.MG
Description: NTP server unreachable. Alarm is cleared by the system.\nReason: NTP Server Locked		
Remedial action: Connect a NTP server with an appropriate IP address on OA&M network (reachable by the user-plane on eth0)		

Table 26-748 IK8500501 - Internal 10MHz not locked

Alarm	Attributes	Applicable major releases
Name: IK8500501 (7141) Type: communicationsAlarm (4) Package: lmg Raised on class: lmg.LMGmngElement	Severity: critical Specific problem: Internal 10MHz not locked (1582) Implicitly cleared: true Default probable cause: communicationsSubsystemFailure (915)	<ul style="list-style-type: none"> LR14.3.MG
Description: Internal 10MHz OCXO is not locked. Alarm is cleared by the system.\nReason: Internal 10MHz Not Locked		
Remedial action: Verify the quality of the GPS antenna connection.		

Table 26-749 IK8500503 - Internal GPS not locked

Alarm	Attributes	Applicable major releases
Name: IK8500503 (7142) Type: communicationsAlarm (4) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: Internal GPS not locked (1583) Implicitly cleared: true Default probable cause: communicationsSubsystemFailure (915)	<ul style="list-style-type: none"> LR14.3.MG
Description: Internal GPS is not locked. Alarm is cleared by the system.\nReason: Internal GPS Not Locked		
Remedial action: Connect a GPS antenna (3. 3V) on the appropriate device input (TNC connector).		

Table 26-750 IK8501061 - IP Data 1 link

Alarm	Attributes	Applicable major releases
Name: IK8501061 (7143) Type: communicationsAlarm (4) Package: lmg Raised on class: lmg.LMGmngElement	Severity: critical Specific problem: IP Data 1 link (1584) Implicitly cleared: true Default probable cause: communicationsSubsystemFailure (915)	<ul style="list-style-type: none"> LR14.3.MG
Description: IP Data 1 link failure. Alarm is cleared by the system.\nReason: IP Data 1 link		
Remedial action: Connect eth2 ethernet port to the production network.		

Table 26-751 IK8501062 - IP Data 2 link

Alarm	Attributes	Applicable major releases
Name: IK8501062 (7144) Type: communicationsAlarm (4) Package: lmg Raised on class: lmg.LMGmngElement	Severity: minor Specific problem: IP Data 2 link (1585) Implicitly cleared: true Default probable cause: communicationsSubsystemFailure (915)	<ul style="list-style-type: none"> LR14.3.MG
Description: IP Data 2 link failure. Alarm is cleared by the system.\nReason: IP Data 2 link		
Remedial action: Connect eth3 ethernet port to the production network.		

Table 26-752 IK8505555 - Output Overflow

Alarm	Attributes	Applicable major releases
Name: IK8505555 (7145) Type: communicationsAlarm (4) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: Output Overflow (1586) Implicitly cleared: true Default probable cause: communicationsSubsystemFailure (915)	<ul style="list-style-type: none"> LR14.3.MG
Description: Output Overflow. Alarm is cleared by the system.\nReason: Output Overflow		
Remedial action: Reduce the overall bit rate of the user-plane by : 1) removing some bearers, 2) removing some multi-unicast outputs, 3) decreasing the GBR parameters for one or several bearers.		

Table 26-753 IK8505556 - MTU of Input Stream

Alarm	Attributes	Applicable major releases
Name: IK8505556 (7146) Type: communicationsAlarm (4) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: MTU of Input Stream (1587) Implicitly cleared: true Default probable cause: communicationsSubsystemFailure (915)	<ul style="list-style-type: none"> LR14.3.MG
Description: MTU of Input Stream. Alarm is cleared by the system.\nReason: MTU of Input Stream		
Remedial action: Reduce the maximum size (in number of bytes) of IP packets at the input of the user-plane.		

Table 26-754 IK8505557 - Bearer Output Overflow

Alarm	Attributes	Applicable major releases
Name: IK8505557 (7147) Type: communicationsAlarm (4) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: Bearer Output Overflow (1588) Implicitly cleared: true Default probable cause: communicationsSubsystemFailure (915)	<ul style="list-style-type: none"> LR14.3.MG
Description: Bearer Output Overflow (please note that BearerId is indicated in case less than 3 bearers are in overflow). Alarm is cleared by the system.\nReason: Bearer Output Overflow		
Remedial action: Reduce the bit rate of the corresponding MBMS bearers (see the list in log file)		

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Table 26-755 IK8505558 - Bearer Input Missing

Alarm	Attributes	Applicable major releases
Name: IK8505558 (7148) Type: communicationsAlarm (4) Package: lmg Raised on class: lmg.LMGmngElement	Severity: minor Specific problem: Bearer Input Missing (1589) Implicitly cleared: true Default probable cause: communicationsSubsystemFailure (915)	<ul style="list-style-type: none"> LR14.3.MG
Description: Bearer Input Missing (please note that BearerId is indicated in case less than 3 bearers are missing). Alarm is cleared by the system. Reason: Bearer Input Missing		
Remedial action: Check that a corresponding IP stream is available on the production network (Check also for possible VLAN configuration)		

Table 26-756 IK8550005 - mcdp alarm trap v1

Alarm	Attributes	Applicable major releases
Name: IK8550005 (7149) Type: processingErrorAlarm (81) Package: lmg Raised on class: lmg.LMGmngElement	Severity: variable Specific problem: mcdp alarm trap v1 (1590) Implicitly cleared: false Default probable cause: applicationSubsystemFailure (689)	<ul style="list-style-type: none"> LR14.3.MG
Description: mcdp alarm alarm v1. Alarm to be cleared by the operator at the management system. Reason: alarmTrapV1		
Remedial action: If the problem persists, contact Alcatel-Lucent customer support.		

Table 26-757 IK8550006 - Trap associated to an alarm of the managed element

Alarm	Attributes	Applicable major releases
Name: IK8550006 (7150) Type: processingErrorAlarm (81) Package: lmg Raised on class: lmg.LMGmngElement	Severity: variable Specific problem: Trap associated to an alarm of the managed element (1591) Implicitly cleared: false Default probable cause: applicationSubsystemFailure (689)	<ul style="list-style-type: none"> LR14.3.MG
Description: Trap associated to an alarm of the managed element. Alarm to be cleared by the operator at the management system. Reason: alarmTrap		
Remedial action: If the problem persists, contact Alcatel-Lucent customer support.		

Table 26-758 IK8550007 - softwareFailure

Alarm	Attributes	Applicable major releases
Name: IK8550007 (7151) Type: processingErrorAlarm (81) Package: lmg Raised on class: lmg.LMGmngElement	Severity: variable Specific problem: softwareFailure (1592) Implicitly cleared: false Default probable cause: softwareError (718)	<ul style="list-style-type: none"> LR14.3.MG
Description: Trap associated to an alarm while executing software operation (download, activation, validation, reject, backup).\nAlarm to be cleared by the operator at the management system.\nReason: softwareFailure		
Remedial action: If the problem persists, contact Alcatel-Lucent customer support.		

Table 26-759 IK8550981 - Cluster Node Degraded

Alarm	Attributes	Applicable major releases
Name: IK8550981 (7152) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGmngElement	Severity: minor Specific problem: Cluster Node Degraded (1593) Implicitly cleared: false Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> LR14.3.MG
Description: This alarm will be sent any time the condition of a node in the cluster becomes degraded.\nAlarm to be cleared by the operator at the management system.\nReason: cpqClusterNodeDegraded		
Remedial action: Make a note of the cluster node name then check the node for the cause of the degraded condition.		

Table 26-760 IK8550982 - Cluster Node Failed

Alarm	Attributes	Applicable major releases
Name: IK8550982 (7153) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: Cluster Node Failed (1428) Implicitly cleared: false Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> LR14.3.MG
Description: This alarm will be sent any time the condition of a node in the cluster becomes failed.\nAlarm to be cleared by the operator at the management system.\nReason: cpqClusterNodeFailed		
Remedial action: Make a note of the cluster node name then check the node for the cause of the failure.		

Table 26-761 IK8550983 - Cluster Resource Degraded

Alarm	Attributes	Applicable major releases
Name: IK8550983 (7154) Type: processingErrorAlarm (81) Package: lmg Raised on class: lmg.LMGmngElement	Severity: minor Specific problem: Cluster Resource Degraded (1594) Implicitly cleared: false Default probable cause: underlyingResourceUnavailable (724)	<ul style="list-style-type: none"> LR14.3.MG
Description: This alarm will be sent any time the condition of a cluster resource becomes degraded.\nAlarm to be cleared by the operator at the management system.\nReason: cpqClusterResourceDegraded		
Remedial action: Make a note of the cluster resource name then check the resource for the cause of the degraded condition.		

Table 26-762 IK8550984 - Cluster Resource Failed

Alarm	Attributes	Applicable major releases
Name: IK8550984 (7155) Type: processingErrorAlarm (81) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: Cluster Resource Failed (1429) Implicitly cleared: false Default probable cause: underlyingResourceUnavailable (724)	<ul style="list-style-type: none"> LR14.3.MG
Description: This alarm will be sent any time the condition of a cluster resource becomes failed.\nAlarm to be cleared by the operator at the management system.\nReason: cpqClusterResourceFailed		
Remedial action: Make a note of the cluster resource name then check the resource for the cause of the failure.		

Table 26-763 IK8550985 - Cluster Network Degraded

Alarm	Attributes	Applicable major releases
Name: IK8550985 (7156) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGmngElement	Severity: minor Specific problem: Cluster Network Degraded (1595) Implicitly cleared: false Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> LR14.3.MG
Description: This alarm will be sent any time the condition of a cluster network becomes degraded.\nAlarm to be cleared by the operator at the management system.\nReason: cpqClusterNetworkDegraded		
Remedial action: Make a note of the cluster network name then check the network for the cause of the degraded condition.		

Table 26-764 IK8550986 - Cluster Network Failed

Alarm	Attributes	Applicable major releases
Name: IK8550986 (7157) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: Cluster Network Failed (1430) Implicitly cleared: false Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> LR14.3.MG
Description: This alarm will be sent any time the condition of a cluster network becomes failed.\nAlarm to be cleared by the operator at the management system.\nReason: cpqClusterNetworkFailed		
Remedial action: Make a note of the cluster network name then check the network for the cause of the failure.		

Table 26-765 IK8550987 - alarm

Alarm	Attributes	Applicable major releases
Name: IK8550987 (7158) Type: environmentalAlarm (2) Package: lmg Raised on class: lmg.LMGmngElement	Severity: warning Specific problem: alarm (1596) Implicitly cleared: false Default probable cause: temperatureUnacceptable (721)	<ul style="list-style-type: none"> LR14.3.MG
Description: The temperature at rack sensor 1 is outside the specified threshold.\nAlarm to be cleared by the operator at the management system.\nReason: cpqCmcalarmTemp1		
Remedial action: Check the air handling system for the rack and refer to Trap Details for more information.		

Table 26-766 IK8550988 - alarm

Alarm	Attributes	Applicable major releases
Name: IK8550988 (7159) Type: environmentalAlarm (2) Package: lmg Raised on class: lmg.LMGmngElement	Severity: warning Specific problem: alarm (1596) Implicitly cleared: false Default probable cause: temperatureUnacceptable (721)	<ul style="list-style-type: none"> LR14.3.MG
Description: The temperature at rack sensor 2 is outside the specified threshold.\nAlarm to be cleared by the operator at the management system.\nReason: cpqCmcalarmTemp2		
Remedial action: Check the air handling system for the rack and refer to Trap Details for more information.		

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Table 26-767 IK8550989 - alarm

Alarm	Attributes	Applicable major releases
Name: IK8550989 (7160) Type: environmentalAlarm (2) Package: lmg Raised on class: lmg.LMGmngElement	Severity: warning Specific problem: alarm (1596) Implicitly cleared: false Default probable cause: coolingFanFailure (651)	<ul style="list-style-type: none"> LR14.3.MG
Description: The status of Fan 1 has changed.\nAlarm to be cleared by the operator at the management system.\nReason: cpqCmcalarmFan1		
Remedial action: Refer to Trap Details for more information.		

Table 26-768 IK8550990 - alarm

Alarm	Attributes	Applicable major releases
Name: IK8550990 (7161) Type: environmentalAlarm (2) Package: lmg Raised on class: lmg.LMGmngElement	Severity: warning Specific problem: alarm (1596) Implicitly cleared: false Default probable cause: coolingFanFailure (651)	<ul style="list-style-type: none"> LR14.3.MG
Description: The status of Fan 2 has changed.\nAlarm to be cleared by the operator at the management system.\nReason: cpqCmcalarmFan2		
Remedial action: Refer to Trap Details for more information.		

Table 26-769 IK8550991 - alarm

Alarm	Attributes	Applicable major releases
Name: IK8550991 (7162) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGmngElement	Severity: warning Specific problem: alarm (1596) Implicitly cleared: false Default probable cause: powerProblem (911)	<ul style="list-style-type: none"> LR14.3.MG
Description: The AC voltage of the rack is outside the specified threshold.\nAlarm to be cleared by the operator at the management system.\nReason: cpqCmcalarmVoltage		
Remedial action: Check the incoming power source and ensure all cables are inserted correctly.		

Table 26-770 IK8550992 - alarm

Alarm	Attributes	Applicable major releases
Name: IK8550992 (7163) Type: environmentalAlarm (2) Package: lmg Raised on class: lmg.LMGmngElement	Severity: warning Specific problem: alarm (1596) Implicitly cleared: false Default probable cause: humidityUnacceptable (702)	<ul style="list-style-type: none"> LR14.3.MG
Description: The humidity of the rack is outside the specified threshold.\nAlarm to be cleared by the operator at the management system.\nReason: cpqCmcalarmHumidity		
Remedial action: Check the air handling system for the rack and refer to Trap Details for more information.		

Table 26-771 IK8550993 - alarm

Alarm	Attributes	Applicable major releases
Name: IK8550993 (7164) Type: environmentalAlarm (2) Package: lmg Raised on class: lmg.LMGmngElement	Severity: warning Specific problem: alarm (1596) Implicitly cleared: false Default probable cause: intrusionDetection (670)	<ul style="list-style-type: none"> LR14.3.MG
Description: The door or sidepanel of the rack has been opened (access point #1).\nAlarm to be cleared by the operator at the management system.\nReason: cpqCmcalarmInput1		
Remedial action: Check for unauthorized intrusion and refer to Trap Details for more information.		

Table 26-772 IK8550994 - alarm

Alarm	Attributes	Applicable major releases
Name: IK8550994 (7165) Type: environmentalAlarm (2) Package: lmg Raised on class: lmg.LMGmngElement	Severity: warning Specific problem: alarm (1596) Implicitly cleared: false Default probable cause: intrusionDetection (670)	<ul style="list-style-type: none"> LR14.3.MG
Description: The door or sidepanel of the rack has been opened (access point #2).\nAlarm to be cleared by the operator at the management system.\nReason: cpqCmcalarmInput2		
Remedial action: Check for unauthorized intrusion and refer to Trap Details for more information.		

Table 26-773 IK8550995 - alarm

Alarm	Attributes	Applicable major releases
Name: IK8550995 (7166) Type: environmentalAlarm (2) Package: lmg Raised on class: lmg.LMGmngElement	Severity: warning Specific problem: alarm (1596) Implicitly cleared: false Default probable cause: intrusionDetection (670)	<ul style="list-style-type: none"> LR14.3.MG
Description: The door or sidepanel of the rack has been opened (access point #3).\nAlarm to be cleared by the operator at the management system.\nReason: cpqCmcalarmInput3		
Remedial action: Check for unauthorized intrusion and refer to Trap Details for more information.		

Table 26-774 IK8550996 - alarm

Alarm	Attributes	Applicable major releases
Name: IK8550996 (7167) Type: environmentalAlarm (2) Package: lmg Raised on class: lmg.LMGmngElement	Severity: warning Specific problem: alarm (1596) Implicitly cleared: false Default probable cause: intrusionDetection (670)	<ul style="list-style-type: none"> LR14.3.MG
Description: The door or sidepanel of the rack has been opened (access point #4).\nAlarm to be cleared by the operator at the management system.\nReason: cpqCmcalarmInput4		
Remedial action: Check for unauthorized intrusion and refer to Trap Details for more information.		

Table 26-775 IK8550997 - locking-alarm

Alarm	Attributes	Applicable major releases
Name: IK8550997 (7168) Type: processingErrorAlarm (81) Package: lmg Raised on class: lmg.LMGmngElement	Severity: warning Specific problem: locking-alarm (1597) Implicitly cleared: false Default probable cause: configurationOrCustomizationError (902)	<ul style="list-style-type: none"> LR14.3.MG
Description: Rack door lock #1 alarm.\nAlarm to be cleared by the operator at the management system.\nReason: cpqCmcalarmLock1		
Remedial action: Ensure the door is completely closed and check for unauthorized intrusion and refer to Trap Details for more information.		

Table 26-776 IK8550998 - locking-alarm

Alarm	Attributes	Applicable major releases
Name: IK8550998 (7169) Type: processingErrorAlarm (81) Package: lmg Raised on class: lmg.LMGmngElement	Severity: warning Specific problem: locking-alarm (1597) Implicitly cleared: false Default probable cause: configurationOrCustomizationError (902)	<ul style="list-style-type: none"> LR14.3.MG
Description: Rack door lock #2 alarm.\nAlarm to be cleared by the operator at the management system.\nReason: cpqCmcalarmLock2		
Remedial action: Ensure the door is completely closed and check for unauthorized intrusion and refer to Trap Details for more information.		

Table 26-777 IK8550999 - alarm

Alarm	Attributes	Applicable major releases
Name: IK8550999 (7170) Type: environmentalAlarm (2) Package: lmg Raised on class: lmg.LMGmngElement	Severity: warning Specific problem: alarm (1596) Implicitly cleared: false Default probable cause: smoke (676)	<ul style="list-style-type: none"> LR14.3.MG
Description: The rack smoke detector has detected smoke.\nAlarm to be cleared by the operator at the management system.\nReason: cpqCmcalarmSmoke		
Remedial action: Investigate rack for an over temperature condition and refer to Trap Details for more information.		

Table 26-778 IK8551000 - alarm

Alarm	Attributes	Applicable major releases
Name: IK8551000 (7171) Type: environmentalAlarm (2) Package: lmg Raised on class: lmg.LMGmngElement	Severity: warning Specific problem: alarm (1596) Implicitly cleared: false Default probable cause: excessiveVibration (699)	<ul style="list-style-type: none"> LR14.3.MG
Description: The rack shock detector has detected a vibration to the rack.\nAlarm to be cleared by the operator at the management system.\nReason: cpqCmcalarmShock		
Remedial action: Investigate rack.		

Table 26-779 IK8551001 - alarm

Alarm	Attributes	Applicable major releases
Name: IK8551001 (7172) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGmngElement	Severity: warning Specific problem: alarm (1596) Implicitly cleared: false Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> LR14.3.MG
Description: The rack auxiliary alarm input #1 has been triggered.\nAlarm to be cleared by the operator at the management system.\nReason: cpqCmcalarmAux1		
Remedial action: If the problem persists, contact Alcatel-Lucent customer support.		

Table 26-780 IK8551002 - alarm

Alarm	Attributes	Applicable major releases
Name: IK8551002 (7173) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGmngElement	Severity: warning Specific problem: alarm (1596) Implicitly cleared: false Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> LR14.3.MG
Description: The rack auxiliary alarm input #2 has been triggered.\nAlarm to be cleared by the operator at the management system.\nReason: cpqCmcalarmAux2		
Remedial action: If the problem persists, contact Alcatel-Lucent customer support.		

Table 26-781 IK8551003 - alarm

Alarm	Attributes	Applicable major releases
Name: IK8551003 (7174) Type: communicationsAlarm (4) Package: lmg Raised on class: lmg.LMGmngElement	Severity: warning Specific problem: alarm (1596) Implicitly cleared: false Default probable cause: communicationsSubsystemFailure (915)	<ul style="list-style-type: none"> LR14.3.MG
Description: Alarm 1, set from Network management\nAlarm to be cleared by the operator at the management system.\nReason: cpqCmcalarm1		
Remedial action: If the problem persists, contact Alcatel-Lucent customer support.		

Table 26-782 IK8551004 - alarm

Alarm	Attributes	Applicable major releases
Name: IK8551004 (7175) Type: communicationsAlarm (4) Package: lmg Raised on class: lmg.LMGmngElement	Severity: warning Specific problem: alarm (1596) Implicitly cleared: false Default probable cause: communicationsSubsystemFailure (915)	<ul style="list-style-type: none"> LR14.3.MG
Description: Alarm 2, set from Network management\nAlarm to be cleared by the operator at the management system.\nReason: cpqCmcalarm2		
Remedial action: If the problem persists, contact Alcatel-Lucent customer support.		

Table 26-783 IK8551005 - locking-alarm of device

Alarm	Attributes	Applicable major releases
Name: IK8551005 (7176) Type: processingErrorAlarm (81) Package: lmg Raised on class: lmg.LMGmngElement	Severity: warning Specific problem: locking-alarm of device (1598) Implicitly cleared: false Default probable cause: configurationOrCustomizationError (902)	<ul style="list-style-type: none"> LR14.3.MG
Description: The rack door locking device #1 has failed.\nAlarm to be cleared by the operator at the management system.\nReason: cpqCmcalarmLock1Dev		
Remedial action: Check the device lock cable or failed battery and refer to Trap Details for more information.		

Table 26-784 IK8551006 - locking-alarm of device

Alarm	Attributes	Applicable major releases
Name: IK8551006 (7177) Type: processingErrorAlarm (81) Package: lmg Raised on class: lmg.LMGmngElement	Severity: warning Specific problem: locking-alarm of device (1598) Implicitly cleared: false Default probable cause: configurationOrCustomizationError (902)	<ul style="list-style-type: none"> LR14.3.MG
Description: The rack door locking device #2 has failed.\nAlarm to be cleared by the operator at the management system.\nReason: cpqCmcalarmLock2Dev		
Remedial action: Check the device lock cable or failed battery and refer to Trap Details for more information.		

Table 26-785 IK8551008 - The primary controller in the subsystem has failed

Alarm	Attributes	Applicable major releases
Name: IK8551008 (7178) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: The primary controller in the subsystem has failed (1431) Implicitly cleared: false Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> LR14.3.MG
Description: The primary controller in the subsystem has failed. Details: The primary Controller has failed.\nAlarm to be cleared by the operator at the management system.\nReason: cpqCrController1FailureTrap		
Remedial action: Replace controller. Possible causes are controller physically removed, actual hardware failure.		

Table 26-786 IK8551010 - The secondary controller in the subsystem has failed

Alarm	Attributes	Applicable major releases
Name: IK8551010 (7179) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: The secondary controller in the subsystem has failed (1432) Implicitly cleared: false Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> LR14.3.MG
Description: The secondary controller in the subsystem has failed. Details: The secondary controller has failed.\nAlarm to be cleared by the operator at the management system.\nReason: cpqCrController2FailureTrap		
Remedial action: Replace controller. Possible causes are controller physically removed, actual hardware failure.		

Table 26-787 IK8551013 - A RAIDset has failed

Alarm	Attributes	Applicable major releases
Name: IK8551013 (7180) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: A RAIDset has failed (1433) Implicitly cleared: false Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> LR14.3.MG
Description: A RAIDset has failed. Details: The RAIDset has failed and is off-line.\nAlarm to be cleared by the operator at the management system.\nReason: cpqCrLogDriveFailureTrap		
Remedial action: Possible cause is too many failed disk drives that make up the RAIDset, the OS can no longer communicate with the RAIDset for other reasons.		

Table 26-788 IK8551015 - A RAIDset has become degraded

Alarm	Attributes	Applicable major releases
Name: IK8551015 (7181) Type: equipmentAlarm (3) Package: Img Raised on class: Img.LMGmngElement	Severity: minor Specific problem: A RAIDset has become degraded (1599) Implicitly cleared: false Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> LR14.3.MG
Description: A RAIDset has become degraded. Details: A RAIDset has become degraded due to a member disk device failure.\nAlarm to be cleared by the operator at the management system.\nReason: cpqCrLogDriveReducedTrap		
Remedial action: Replace the failed disk device; add a spare to the system to cause a reconstruct.		

Table 26-789 IK8551018 - A disk drive has failed

Alarm	Attributes	Applicable major releases
Name: IK8551018 (7182) Type: processingErrorAlarm (81) Package: Img Raised on class: Img.LMGmngElement	Severity: major Specific problem: A disk drive has failed (1434) Implicitly cleared: true Default probable cause: storageCapacityProblem (679)	<ul style="list-style-type: none"> LR14.3.MG
Description: A disk drive has failed. Details: A disk device has failed.\nAlarm is cleared by the system.\nReason: cpqCrDiskFailureTrap		
Remedial action: Replace the disk device.		

Table 26-790 IK8551023 - A disk drive has failed

Alarm	Attributes	Applicable major releases
Name: IK8551023 (7183) Type: processingErrorAlarm (81) Package: Img Raised on class: Img.LMGmngElement	Severity: major Specific problem: A disk drive has failed (1434) Implicitly cleared: false Default probable cause: storageCapacityProblem (679)	<ul style="list-style-type: none"> LR14.3.MG
Description: A disk drive has failed. Details: A disk device has failed.\nAlarm to be cleared by the operator at the management system.\nReason: cpqCrPhyDiskFailureTrap		
Remedial action: Replace the disk device.		

Table 26-791 IK8551028 - Fan has failed

Alarm	Attributes	Applicable major releases
Name: IK8551028 (7184) Type: environmentalAlarm (2) Package: lmg Raised on class: lmg.LMGmngElement	Severity: minor Specific problem: Fan has failed (1600) Implicitly cleared: false Default probable cause: coolingFanFailure (651)	<ul style="list-style-type: none"> LR14.3.MG
Description: Fan has failed. Details: One of the cooling fans in the primary enclosure has failed.\nAlarm to be cleared by the operator at the management system.\nReason: cpqCrEMUFanFailureTrap		
Remedial action: Replace the cooling fan. Possible causes are fan physically removed, actual hardware failure.		

Table 26-792 IK8551030 - Power supply has failed

Alarm	Attributes	Applicable major releases
Name: IK8551030 (7185) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: Power supply has failed (1435) Implicitly cleared: true Default probable cause: powerProblem (911)	<ul style="list-style-type: none"> LR14.3.MG
Description: Power supply has failed. Details: One of the power supplies in the primary enclosure has failed.\nAlarm is cleared by the system.\nReason: cpqCrEMUPowerSupplyFailureTrap		
Remedial action: Replace the power supply. Possible causes are power supply physically removed, power cord unplugged, actual hardware failure.		

Table 26-793 IK8551032 - Primary enclosure temperature warning

Alarm	Attributes	Applicable major releases
Name: IK8551032 (7186) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGmngElement	Severity: warning Specific problem: Primary enclosure temperature warning (1601) Implicitly cleared: false Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> LR14.3.MG
Description: Primary enclosure temperature warning. Details: The temperature in the primary enclosure has triggered a warning condition detected by the controller.\nAlarm to be cleared by the operator at the management system.\nReason: cpqCrEMUTemperatureWarningTrap		
Remedial action: Check the cooling fans in the primary enclosure.		

Table 26-794 IK8551033 - Primary enclosure temperature critical!

Alarm	Attributes	Applicable major releases
Name: IK8551033 (7187) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGmngElement	Severity: critical Specific problem: Primary enclosure temperature critical! (1436) Implicitly cleared: false Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> LR14.3.MG
Description: Primary enclosure temperature critical!. Details: The temperature in the primary enclosure has triggered a critical condition detected by the controller.\nAlarm to be cleared by the operator at the management system.\nReason: cpqCrEMUTemperatureCriticalTrap		
Remedial action: Check the cooling fans in the primary enclosure.		

Table 26-795 IK8551035 - Fan has failed in expansion cabinet

Alarm	Attributes	Applicable major releases
Name: IK8551035 (7188) Type: environmentalAlarm (2) Package: lmg Raised on class: lmg.LMGmngElement	Severity: minor Specific problem: Fan has failed in expansion cabinet (1602) Implicitly cleared: false Default probable cause: coolingFanFailure (651)	<ul style="list-style-type: none"> LR14.3.MG
Description: Fan has failed in expansion cabinet. Details: One of the cooling fans in the expansion cabinet has failed.\nAlarm to be cleared by the operator at the management system.\nReason: cpqCrExpCabFanFailureTrap		
Remedial action: Replace the cooling fan. Possible causes are fan physically removed, actual hardware failure.		

Table 26-796 IK8551037 - Power supply has failed

Alarm	Attributes	Applicable major releases
Name: IK8551037 (7189) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: Power supply has failed (1435) Implicitly cleared: true Default probable cause: powerProblem (911)	<ul style="list-style-type: none"> LR14.3.MG
Description: Power supply has failed. Details: One of the power supplies in the expansion cabinet has failed.\nAlarm is cleared by the system.\nReason: cpqCrExpCabPowerSupplyFailureTrap		
Remedial action: Replace the power supply. Possible causes are power supply physically removed, power cord unplugged, actual hardware failure.		

Table 26-797 IK8551039 - Expansion cabinet temperature warning

Alarm	Attributes	Applicable major releases
Name: IK8551039 (7190) Type: environmentalAlarm (2) Package: lmg Raised on class: lmg.LMGmngElement	Severity: warning Specific problem: Expansion cabinet temperature warning (1603) Implicitly cleared: false Default probable cause: temperatureUnacceptable (721)	<ul style="list-style-type: none"> LR14.3.MG
Description: Expansion cabinet temperature warning. Details: The temperature in the expansion cabinet has triggered a warning condition detected by the controller.\nAlarm to be cleared by the operator at the management system.\nReason: cpqCrExpCabTemperatureWarningTrap		
Remedial action: Check the cooling fans in the expansion cabinet.		

Table 26-798 IK8551040 - cpqCrExpCabTemperatureCriticalTrap

Alarm	Attributes	Applicable major releases
Name: IK8551040 (7191) Type: environmentalAlarm (2) Package: lmg Raised on class: lmg.LMGmngElement	Severity: critical Specific problem: cpqCrExpCabTemperatureCriticalTrap (1437) Implicitly cleared: false Default probable cause: temperatureUnacceptable (721)	<ul style="list-style-type: none"> LR14.3.MG
Description: Expansion cabinet temperature critical! Details: The temperature in the expansion cabinet has triggered a critical condition detected by the controller.\nAlarm to be cleared by the operator at the management system.\nReason: cpqCrExpCabTemperatureCriticalTrap		
Remedial action: Check the cooling fans in the expansion cabinet.		

Table 26-799 IK8551059 - External Array Accelerator Board Bad Data

Alarm	Attributes	Applicable major releases
Name: IK8551059 (7192) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGmngElement	Severity: warning Specific problem: External Array Accelerator Board Bad Data (1604) Implicitly cleared: false Default probable cause: powerProblem (911)	<ul style="list-style-type: none"> LR14.3.MG
Description: External Array Accelerator Board Bad Data. This alarm signifies that the agent has detected a Array Accelerator Cache Board that has lost battery power. If data was being stored in the accelerator memory when the system lost power, that data has been lost.\nAlarm to be cleared by the operator at the management system.\nReason: cpqFcaAccelBadDataTrap		
Remedial action: Verify that no data has been lost.		

Table 26-800 IK8551060 - External Array Accelerator Board Battery Failed

Alarm	Attributes	Applicable major releases
Name: IK8551060 (7193) Type: environmentalAlarm (2) Package: Img Raised on class: Img.LMGmngElement	Severity: major Specific problem: External Array Accelerator Board Battery Failed (1438) Implicitly cleared: false Default probable cause: batteryFailure (649)	<ul style="list-style-type: none"> LR14.3.MG
Description: External Array Accelerator Board Battery Failed. This alarm signifies that the agent has detected a battery failure associated with the Array Accelerator Cache Board.\nAlarm to be cleared by the operator at the management system.\nReason: cpqFcaAccelBatteryFailed		
Remedial action: Replace the Accelerator Cache Board.		

Table 26-801 IK8551067 - Fibre Channel Tape Drive Cleaning Tape Needs Replacing

Alarm	Attributes	Applicable major releases
Name: IK8551067 (7194) Type: equipmentAlarm (3) Package: Img Raised on class: Img.LMGmngElement	Severity: warning Specific problem: Fibre Channel Tape Drive Cleaning Tape Needs Replacing (1605) Implicitly cleared: false Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> LR14.3.MG
Description: Fibre Channel Tape Drive Cleaning Tape Needs Replacing. The agent has detected that an autoloader tape unit has a cleaning tape that has been fully used and therefore needs to be replaced with a new cleaning tape.\nAlarm to be cleared by the operator at the management system.\nReason: cpqFcTapeDriveCleanTapeReplace		
Remedial action: Replace the failing fibre channel drive cleaning tape		

Table 26-802 IK8551068 - External Array Redundant Controller Active

Alarm	Attributes	Applicable major releases
Name: IK8551068 (7195) Type: processingErrorAlarm (81) Package: Img Raised on class: Img.LMGmngElement	Severity: warning Specific problem: External Array Redundant Controller Active (1606) Implicitly cleared: false Default probable cause: applicationSubsystemFailure (689)	<ul style="list-style-type: none"> LR14.3.MG
Description: External Array Redundant Controller Active. This alarm signifies that the Storage Agent has detected that a backup array controller in a duplexed pair has switched over to the active role. The variable cpqFcaCntlrBoxIoSlot indicates the new active controller index.\nAlarm to be cleared by the operator at the management system.\nReason: cpqFcaCntlrActive		
Remedial action: Check the partner controller for problems. If this was the result of a user initiated switch over, no action is required.		

Table 26-803 IK8551072 - External Array Accelerator Board Bad Data

Alarm	Attributes	Applicable major releases
Name: IK8551072 (7196) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGmngElement	Severity: warning Specific problem: External Array Accelerator Board Bad Data (1604) Implicitly cleared: false Default probable cause: powerProblem (911)	<ul style="list-style-type: none"> LR14.3.MG
Description: External Array Accelerator Board Bad Data. This alarm signifies that the agent has detected a Array Accelerator Cache Board that has lost battery power. If data was being stored in the accelerator memory when the system lost power, that data has been lost. Alarm to be cleared by the operator at the management system. Reason: cpqFca2AccelBadDataTrap		
Remedial action: Verify that no data has been lost.		

Table 26-804 IK8551073 - External Array Accelerator Board Battery Failed

Alarm	Attributes	Applicable major releases
Name: IK8551073 (7197) Type: environmentalAlarm (2) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: External Array Accelerator Board Battery Failed (1438) Implicitly cleared: false Default probable cause: batteryFailure (649)	<ul style="list-style-type: none"> LR14.3.MG
Description: External Array Accelerator Board Battery Failed. This alarm signifies that the agent has detected a battery failure associated with the Array Accelerator Cache Board. Alarm to be cleared by the operator at the management system. Reason: cpqFca2AccelBatteryFailed		
Remedial action: Replace the Accelerator Cache Board.		

Table 26-805 IK8551078 - External Tape Drive Cleaning Required

Alarm	Attributes	Applicable major releases
Name: IK8551078 (7198) Type: processingErrorAlarm (81) Package: lmg Raised on class: lmg.LMGmngElement	Severity: warning Specific problem: External Tape Drive Cleaning Required (1607) Implicitly cleared: false Default probable cause: configurationOrCustomizationError (902)	<ul style="list-style-type: none"> LR14.3.MG
Description: External Tape Drive Cleaning Required. The agent has detected a tape drive that needs to have a cleaning tape inserted and run. This will cause the tape drive heads to be cleaned. Alarm to be cleared by the operator at the management system. Reason: cpqExtTapeDriveCleaningRequired		
Remedial action: a External Tape Drive Cleaning should be installed		

Table 26-806 IK8551079 - External Tape Drive Cleaning Tape Needs Replacing

Alarm	Attributes	Applicable major releases
Name: IK8551079 (7199) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGmngElement	Severity: warning Specific problem: External Tape Drive Cleaning Tape Needs Replacing (1608) Implicitly cleared: false Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> LR14.3.MG
Description: External Tape Drive Cleaning Tape Needs Replacing. The agent has detected that an autoloader tape unit has a cleaning tape that has been fully used and therefore needs to be replaced with a new cleaning tape. Alarm to be cleared by the operator at the management system. Reason: cpqExtTapeDriveCleanTapeReplace		
Remedial action: Replace the External Tape Drive Cleaning Tape		

Table 26-807 IK8551089 - Thermal Status Degraded

Alarm	Attributes	Applicable major releases
Name: IK8551089 (7200) Type: environmentalAlarm (2) Package: lmg Raised on class: lmg.LMGmngElement	Severity: minor Specific problem: Thermal Status Degraded (1609) Implicitly cleared: false Default probable cause: temperatureUnacceptable (721)	<ul style="list-style-type: none"> LR14.3.MG
Description: The temperature status has been set to degraded. The server's temperature is outside of the normal operating range. The server will be shutdown if the cpqHeThermalDegradedAction variable is set to shutdown(3). Alarm to be cleared by the operator at the management system. Reason: cpqHeThermalTempDegraded		
Remedial action: If the problem persists, contact Alcatel-Lucent customer support.		

Table 26-808 IK8551092 - System Fan Degraded

Alarm	Attributes	Applicable major releases
Name: IK8551092 (7201) Type: environmentalAlarm (2) Package: lmg Raised on class: lmg.LMGmngElement	Severity: minor Specific problem: System Fan Degraded (1610) Implicitly cleared: false Default probable cause: coolingFanFailure (651)	<ul style="list-style-type: none"> LR14.3.MG
Description: The system fan status has been set to degraded. An optional system fan is not operating normally. Alarm to be cleared by the operator at the management system. Reason: cpqHeThermalSystemFanDegraded		
Remedial action: check the system fans		

Table 26-809 IK8551094 - CPU Fan Failure

Alarm	Attributes	Applicable major releases
Name: IK8551094 (7202) Type: environmentalAlarm (2) Package: lmg Raised on class: lmg.LMGmngElement	Severity: minor Specific problem: CPU Fan Failure (1611) Implicitly cleared: true Default probable cause: coolingFanFailure (651)	<ul style="list-style-type: none"> LR14.3.MG
Description: The CPU fan status has been set to failed. A processor fan is not operating normally. The server will be shutdown.\nAlarm is cleared by the system.\nReason: cpqHeThermalCpuFanFailed		
Remedial action: If the problem persists, contact Alcatel-Lucent customer support.		

Table 26-810 IK8551098 - POST Errors Occurred

Alarm	Attributes	Applicable major releases
Name: IK8551098 (7203) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: POST Errors Occurred (1439) Implicitly cleared: false Default probable cause: powerProblem (911)	<ul style="list-style-type: none"> LR14.3.MG
Description: One or more POST errors occurred. Power On Self-Test (POST) errors occur during the server restart process.\nAlarm to be cleared by the operator at the management system.\nReason: cpqHePostError		
Remedial action: Refer to the Integrated Management Log for details on the POST error.		

Table 26-811 IK8551099 - Server Power Supply Degraded

Alarm	Attributes	Applicable major releases
Name: IK8551099 (7204) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGmngElement	Severity: minor Specific problem: Server Power Supply Degraded (1612) Implicitly cleared: false Default probable cause: powerProblem (911)	<ul style="list-style-type: none"> LR14.3.MG
Description: The fault tolerant power supply sub-system condition has been set to degraded.\nAlarm to be cleared by the operator at the management system.\nReason: cpqHeFitToIPwrSupplyDegraded		
Remedial action: check the fault tolerant power supply		

Table 26-812 IK8551102 - Thermal Failure

Alarm	Attributes	Applicable major releases
Name: IK8551102 (7205) Type: environmentalAlarm (2) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: Thermal Failure (1440) Implicitly cleared: false Default probable cause: temperatureUnacceptable (721)	<ul style="list-style-type: none"> LR14.3.MG
Description: The temperature status has been set to failed. The system will be shutdown due to this thermal condition.\nAlarm to be cleared by the operator at the management system.\nReason: cpqHe3ThermalTempFailed		
Remedial action: Check the system for hardware failures and verify the environment is properly cooled.		

Table 26-813 IK8551103 - Temperature Degraded

Alarm	Attributes	Applicable major releases
Name: IK8551103 (7206) Type: environmentalAlarm (2) Package: lmg Raised on class: lmg.LMGmngElement	Severity: minor Specific problem: Temperature Degraded (1613) Implicitly cleared: false Default probable cause: temperatureUnacceptable (721)	<ul style="list-style-type: none"> LR14.3.MG
Description: The temperature status has been set to degraded. The server's temperature is outside of the normal operating range. The server will be shutdown if the cpqHeThermalDegradedAction variable is set to shutdown(3).\nAlarm to be cleared by the operator at the management system.\nReason: cpqHe3ThermalTempDegraded		
Remedial action: Check the system for hardware failures and verify the environment is properly cooled.		

Table 26-814 IK8551105 - System Fan Failure

Alarm	Attributes	Applicable major releases
Name: IK8551105 (7207) Type: environmentalAlarm (2) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: System Fan Failure (1441) Implicitly cleared: true Default probable cause: coolingFanFailure (651)	<ul style="list-style-type: none"> LR14.3.MG
Description: The system fan status has been set to failed. A required system fan is not operating normally. The system will be shutdown if the cpqHeThermalDegradedAction variable is set to shutdown(3).\nAlarm is cleared by the system.\nReason: cpqHe3ThermalSystemFanFailed		
Remedial action: Replace the failed fan.		

Table 26-815 IK8551106 - System Fan Degraded

Alarm	Attributes	Applicable major releases
Name: IK8551106 (7208) Type: environmentalAlarm (2) Package: lmg Raised on class: lmg.LMGmngElement	Severity: minor Specific problem: System Fan Degraded (1610) Implicitly cleared: false Default probable cause: coolingFanFailure (651)	<ul style="list-style-type: none"> LR14.3.MG
Description: The system fan status has been set to degraded. An optional system fan is not operating normally. \nAlarm to be cleared by the operator at the management system. \nReason: cpqHe3ThermalSystemFanDegraded		
Remedial action: Replace the failing fan.		

Table 26-816 IK8551108 - CPU Fan Failure

Alarm	Attributes	Applicable major releases
Name: IK8551108 (7209) Type: environmentalAlarm (2) Package: lmg Raised on class: lmg.LMGmngElement	Severity: minor Specific problem: CPU Fan Failure (1611) Implicitly cleared: true Default probable cause: coolingFanFailure (651)	<ul style="list-style-type: none"> LR14.3.MG
Description: The CPU fan status has been set to failed. A processor fan is not operating normally. The server will be shutdown. \nAlarm is cleared by the system. \nReason: cpqHe3ThermalCpuFanFailed		
Remedial action: Replace the failed CPU fan.		

Table 26-817 IK8551112 - POST Errors Occurred

Alarm	Attributes	Applicable major releases
Name: IK8551112 (7210) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: POST Errors Occurred (1439) Implicitly cleared: false Default probable cause: powerProblem (911)	<ul style="list-style-type: none"> LR14.3.MG
Description: One or more POST errors occurred. Power On Self-Test (POST) errors occur during the server restart process. Details of the POST error messages can be found in Integrated Management Log \nAlarm to be cleared by the operator at the management system. \nReason: cpqHe3PostError		
Remedial action: Refer to the Integrated Management Log for details on the POST error.		

Table 26-818 IK8551113 - Server Power Supply Degraded

Alarm	Attributes	Applicable major releases
Name: IK8551113 (7211) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGmngElement	Severity: minor Specific problem: Server Power Supply Degraded (1612) Implicitly cleared: false Default probable cause: powerProblem (911)	<ul style="list-style-type: none"> LR14.3.MG
Description: The fault tolerant power supply sub-system condition has been set to degraded.\nAlarm to be cleared by the operator at the management system.\nReason: cpqHe3FltToIPwrSupplyDegraded		
Remedial action: Check the system for a power supply failure. Replace the power supply.		

Table 26-819 IK8551114 - Corr Mem Errors Require a Replacement Memory Module

Alarm	Attributes	Applicable major releases
Name: IK8551114 (7212) Type: processingErrorAlarm (81) Package: lmg Raised on class: lmg.LMGmngElement	Severity: minor Specific problem: Corr Mem Errors Require a Replacement Memory Module (1614) Implicitly cleared: false Default probable cause: memoryMismatch (680)	<ul style="list-style-type: none"> LR14.3.MG
Description: A correctable memory log entry indicates a memory module needs to be replaced. The errors have been corrected, but the memory module should be replaced. The error information is reported in the variable cpqHeCorrMemErrDesc.\nAlarm to be cleared by the operator at the management system.\nReason: cpqHe3CorrMemReplaceMemModule		
Remedial action: Replace the failing memory module		

Table 26-820 IK8551116 - Power Supply Failed

Alarm	Attributes	Applicable major releases
Name: IK8551116 (7213) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: Power Supply Failed (1442) Implicitly cleared: true Default probable cause: powerProblem (911)	<ul style="list-style-type: none"> LR14.3.MG
Description: The fault tolerant power supply condition has been set to failed for the specified chassis and bay location.\nAlarm is cleared by the system.\nReason: cpqHe3FltToIPowerSupplyFailed		
Remedial action: If the problem persists, contact Alcatel-Lucent customer support.		

Table 26-821 IK8551117 - Power Redundancy Lost

Alarm	Attributes	Applicable major releases
Name: IK8551117 (7214) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGmngElement	Severity: minor Specific problem: Power Redundancy Lost (1615) Implicitly cleared: true Default probable cause: powerProblem (911)	<ul style="list-style-type: none"> LR14.3.MG
Description: The Fault Tolerant Power Supplies have lost redundancy for the specified chassis.\nAlarm is cleared by the system.\nReason: cpqHe3FitToIPowerRedundancyLost		
Remedial action: Check the system power supplies for a failure.		

Table 26-822 IK8551120 - Fan Degraded

Alarm	Attributes	Applicable major releases
Name: IK8551120 (7215) Type: environmentalAlarm (2) Package: lmg Raised on class: lmg.LMGmngElement	Severity: minor Specific problem: Fan Degraded (1616) Implicitly cleared: false Default probable cause: coolingFanFailure (651)	<ul style="list-style-type: none"> LR14.3.MG
Description: The Fault Tolerant Fan condition has been set to degraded for the specified chassis and fan.\nAlarm to be cleared by the operator at the management system.\nReason: cpqHe3FitToFanDegraded		
Remedial action: Replace the failing fan.		

Table 26-823 IK8551121 - Fan Failed

Alarm	Attributes	Applicable major releases
Name: IK8551121 (7216) Type: environmentalAlarm (2) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: Fan Failed (1443) Implicitly cleared: true Default probable cause: coolingFanFailure (651)	<ul style="list-style-type: none"> LR14.3.MG
Description: The Fault Tolerant Fan condition has been set to failed for the specified chassis and fan.\nAlarm is cleared by the system.\nReason: cpqHe3FitToFanFailed		
Remedial action: Replace the failed fan.		

Table 26-824 IK8551122 - Fan Redundancy Lost

Alarm	Attributes	Applicable major releases
Name: IK8551122 (7217) Type: environmentalAlarm (2) Package: lmg Raised on class: lmg.LMGmngElement	Severity: minor Specific problem: Fan Redundancy Lost (1617) Implicitly cleared: true Default probable cause: coolingFanFailure (651)	<ul style="list-style-type: none"> LR14.3.MG
Description: The Fault Tolerant Fans have lost redundancy for the specified chassis.\nAlarm is cleared by the system.\nReason: cpqHe3FitToIFanRedundancyLost		
Remedial action: Check the system fans for a failure.		

Table 26-825 IK8551125 - Thermal Failure

Alarm	Attributes	Applicable major releases
Name: IK8551125 (7218) Type: environmentalAlarm (2) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: Thermal Failure (1440) Implicitly cleared: false Default probable cause: temperatureUnacceptable (721)	<ul style="list-style-type: none"> LR14.3.MG
Description: The temperature status has been set to failed in the specified chassis and location. The system will be shutdown due to this condition.\nAlarm to be cleared by the operator at the management system.\nReason: cpqHe3TemperatureFailed		
Remedial action: Check the system for hardware failures and verify the environment is properly cooled.		

Table 26-826 IK8551126 - Thermal Status Degraded

Alarm	Attributes	Applicable major releases
Name: IK8551126 (7219) Type: environmentalAlarm (2) Package: lmg Raised on class: lmg.LMGmngElement	Severity: minor Specific problem: Thermal Status Degraded (1609) Implicitly cleared: false Default probable cause: temperatureUnacceptable (721)	<ul style="list-style-type: none"> LR14.3.MG
Description: The temperature status has been set to degraded in the specified chassis and location. The server's temperature is outside of the normal operating range. The server will be shutdown if the cpqHeThermalDegradedAction variable is set to shutdown(3).\nAlarm to be cleared by the operator at the management system.\nReason: cpqHe3TemperatureDegraded		
Remedial action: Check the system for hardware failures and verify the environment is properly cooled.		

Table 26-827 IK8551128 - Power Converter Degraded

Alarm	Attributes	Applicable major releases
Name: IK8551128 (7220) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGmngElement	Severity: minor Specific problem: Power Converter Degraded (1618) Implicitly cleared: false Default probable cause: powerProblem (911)	<ul style="list-style-type: none"> LR14.3.MG
Description: The DC-DC Power Converter condition has been set to degraded for the specified chassis, slot and socket. Alarm to be cleared by the operator at the management system. Reason: cpqHe3PowerConverterDegraded		
Remedial action: Check for a failing power converter or for a failed power converter in a redundant pair. Replace the power converter.		

Table 26-828 IK8551129 - Power Converter Failed

Alarm	Attributes	Applicable major releases
Name: IK8551129 (7221) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: Power Converter Failed (1444) Implicitly cleared: false Default probable cause: powerProblem (911)	<ul style="list-style-type: none"> LR14.3.MG
Description: The DC-DC Power Converter condition has been set to failed for the specified chassis, slot and socket. Alarm to be cleared by the operator at the management system. Reason: cpqHe3PowerConverterFailed		
Remedial action: Replace the failed power converter.		

Table 26-829 IK8551130 - Power Converter Redundancy Lost

Alarm	Attributes	Applicable major releases
Name: IK8551130 (7222) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGmngElement	Severity: warning Specific problem: Power Converter Redundancy Lost (1619) Implicitly cleared: false Default probable cause: powerProblem (911)	<ul style="list-style-type: none"> LR14.3.MG
Description: The DC-DC Power Converters have lost redundancy for the specified chassis. Alarm to be cleared by the operator at the management system. Reason: cpqHe3PowerConverterRedundancyLost		
Remedial action: Check the power converters in the system for a failure in a redundant pair. Replace the power converter.		

Table 26-830 IK8551131 - Cache Accel Parity Errors may require a module

Alarm	Attributes	Applicable major releases
Name: IK8551131 (7223) Type: communicationsAlarm (4) Package: lmg Raised on class: lmg.LMGmngElement	Severity: minor Specific problem: Cache Accel Parity Errors may require a module (1620) Implicitly cleared: false Default probable cause: communicationsProtocolError (901)	<ul style="list-style-type: none"> LR14.3.MG
Description: A cache accelerator parity error indicates a cache module needs to be replaced. The error information is reported in the variable cpqHeEventLogErrorDesc.\nAlarm to be cleared by the operator at the management system.\nReason: cpqHe3CacheAccelParityError		
Remedial action: Refer to the Integrated Management Log for details on the error. Replace the failing cache module.		

Table 26-831 IK8551132 - Online Spare Memory Engaged

Alarm	Attributes	Applicable major releases
Name: IK8551132 (7224) Type: processingErrorAlarm (81) Package: lmg Raised on class: lmg.LMGmngElement	Severity: warning Specific problem: Online Spare Memory Engaged (1621) Implicitly cleared: false Default probable cause: memoryMismatch (680)	<ul style="list-style-type: none"> LR14.3.MG
Description: Advanced Memory Protection Online Spare Engaged. The Advanced Memory Protection subsystem has detected a memory fault. The Online Spare Memory has been activated.\nAlarm to be cleared by the operator at the management system.\nReason: cpqHeResilientMemOnlineSpareEngaged		
Remedial action: Schedule server down-time to replace the faulty memory.		

Table 26-832 IK8551134 - Power Supply Degraded

Alarm	Attributes	Applicable major releases
Name: IK8551134 (7225) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGmngElement	Severity: minor Specific problem: Power Supply Degraded (1622) Implicitly cleared: false Default probable cause: powerProblem (911)	<ul style="list-style-type: none"> LR14.3.MG
Description: The fault tolerant power supply condition has been set to degraded for the specified chassis and bay location.\nAlarm to be cleared by the operator at the management system.\nReason: cpqHe4FitToIPowerSupplyDegraded		
Remedial action: Replace the failing power supply.		

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Table 26-833 IK8551135 - Power Supply Failed

Alarm	Attributes	Applicable major releases
Name: IK8551135 (7226) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: Power Supply Failed (1442) Implicitly cleared: true Default probable cause: powerProblem (911)	<ul style="list-style-type: none"> LR14.3.MG
Description: The fault tolerant power supply condition has been set to failed for the specified chassis and bay location.\nAlarm is cleared by the system.\nReason: cpqHe4FitToIPowerSupplyFailed		
Remedial action: Replace the failed power supply.		

Table 26-834 IK8551136 - Mirrored Memory Engaged

Alarm	Attributes	Applicable major releases
Name: IK8551136 (7227) Type: processingErrorAlarm (81) Package: lmg Raised on class: lmg.LMGmngElement	Severity: warning Specific problem: Mirrored Memory Engaged (1623) Implicitly cleared: false Default probable cause: memoryMismatch (680)	<ul style="list-style-type: none"> LR14.3.MG
Description: Advanced Memory Protection Mirrored Memory Engaged. The Advanced Memory Protection subsystem has detected a memory fault. Mirrored Memory has been activated.\nAlarm to be cleared by the operator at the management system.\nReason: cpqHeResilientMemMirroredMemoryEngaged		
Remedial action: Replace the faulty memory.		

Table 26-835 IK8551137 - Advanced ECC Memory Engaged

Alarm	Attributes	Applicable major releases
Name: IK8551137 (7228) Type: processingErrorAlarm (81) Package: lmg Raised on class: lmg.LMGmngElement	Severity: warning Specific problem: Advanced ECC Memory Engaged (1624) Implicitly cleared: false Default probable cause: memoryMismatch (680)	<ul style="list-style-type: none"> LR14.3.MG
Description: Advanced Memory Protection Advanced ECC Memory Engaged. The Advanced Memory Protection subsystem has detected a memory fault. Advanced ECC has been activated.\nAlarm to be cleared by the operator at the management system.\nReason: cpqHeResilientAdvancedECCMemoryEngaged		
Remedial action: Replace the faulty memory.		

Table 26-836 IK8551138 - Advanced XOR Memory Engaged

Alarm	Attributes	Applicable major releases
Name: IK8551138 (7229) Type: processingErrorAlarm (81) Package: Img Raised on class: Img.LMGmngElement	Severity: warning Specific problem: Advanced XOR Memory Engaged (1625) Implicitly cleared: false Default probable cause: memoryMismatch (680)	<ul style="list-style-type: none"> LR14.3.MG
Description: Advanced Memory Protection XOR Engine Memory Engaged. The Advanced Memory Protection subsystem has detected a memory fault. The XOR engine has been activated. Alarm to be cleared by the operator at the management system. Reason: cpqHeResilientMemXorMemoryEngaged		
Remedial action: Replace the faulty memory.		

Table 26-837 IK8551141 - Replace Memory Module

Alarm	Attributes	Applicable major releases
Name: IK8551141 (7230) Type: processingErrorAlarm (81) Package: Img Raised on class: Img.LMGmngElement	Severity: minor Specific problem: Replace Memory Module (1626) Implicitly cleared: false Default probable cause: memoryMismatch (680)	<ul style="list-style-type: none"> LR14.3.MG
Description: Corrected Memory Errors Detected. The errors have been corrected, but the memory module should be replaced. Alarm to be cleared by the operator at the management system. Reason: cpqHe4CorrMemReplaceMemModule		
Remedial action: Replace the memory module.		

Table 26-838 IK8551142 - Memory Board or Cartridge Removed

Alarm	Attributes	Applicable major releases
Name: IK8551142 (7231) Type: equipmentAlarm (3) Package: Img Raised on class: Img.LMGmngElement	Severity: warning Specific problem: Memory Board or Cartridge Removed (1627) Implicitly cleared: false Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> LR14.3.MG
Description: Memory board or cartridge removed. An Advanced Memory Protection sub-system board or cartridge has been removed from the system. Alarm to be cleared by the operator at the management system. Reason: cpqHeResMemBoardRemoved		
Remedial action: Insure the board or cartridge has memory correctly installed and re-insert the memory board or cartridge back into the system.		

Table 26-839 IK8551144 - Memory Board or Cartridge Bus Error Detected

Alarm	Attributes	Applicable major releases
Name: IK8551144 (7232) Type: processingErrorAlarm (81) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: Memory Board or Cartridge Bus Error Detected (1445) Implicitly cleared: false Default probable cause: memoryMismatch (680)	<ul style="list-style-type: none"> LR14.3.MG
Description: Memory board or cartridge bus error detected. An Advanced Memory Protection sub-system board or cartridge bus error has been detected. Alarm to be cleared by the operator at the management system. Reason: cpqHeResMemBoardBusError		
Remedial action: Replace the indicated board or cartridge.		

Table 26-840 IK8551148 - Management processor failed reset

Alarm	Attributes	Applicable major releases
Name: IK8551148 (7233) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: Management processor failed reset (1446) Implicitly cleared: false Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> LR14.3.MG
Description: The Management processor failed reset The management processor was not successfully reset and is not operational. Alarm to be cleared by the operator at the management system. Reason: cpqHeManagementProcFailedReset		
Remedial action: Reset the management procesessor again or re-flash the management processor firmware.		

Table 26-841 IK8551149 - Replace Memory Module

Alarm	Attributes	Applicable major releases
Name: IK8551149 (7234) Type: processingErrorAlarm (81) Package: lmg Raised on class: lmg.LMGmngElement	Severity: warning Specific problem: Replace Memory Module (1626) Implicitly cleared: false Default probable cause: memoryMismatch (680)	<ul style="list-style-type: none"> LR14.3.MG
Description: Corrected \ uncorrected Memory Errors Detected. The errors have been corrected, but the memory module should be replaced. Value 0 for CPU means memory is not Processor based Alarm to be cleared by the operator at the management system. Reason: cpqHe5CorrMemReplaceMemModule		
Remedial action: Replace the failing memory module.		

Table 26-842 IK8551150 - Memory Board or Cartridge or Riser Removed

Alarm	Attributes	Applicable major releases
Name: IK8551150 (7235) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGmngElement	Severity: warning Specific problem: Memory Board or Cartridge or Riser Removed (1628) Implicitly cleared: false Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> LR14.3.MG
Description: Memory board or cartridge or riser removed. An Advanced Memory Protection sub-system board or cartridge or riser has been removed from the system. Value 0 for CPU means memory is not processor based.\nAlarm to be cleared by the operator at the management system.\nReason: cpqHe5ResMemBoardRemoved		
Remedial action: Insure the board or cartridge or riser has memory correctly installed and re-insert the memory board or cartridge or CPU back into the system.		

Table 26-843 IK8551152 - Memory Board or Cartridge or Riser Bus Error Detected

Alarm	Attributes	Applicable major releases
Name: IK8551152 (7236) Type: processingErrorAlarm (81) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: Memory Board or Cartridge or Riser Bus Error Detected (1447) Implicitly cleared: false Default probable cause: memoryMismatch (680)	<ul style="list-style-type: none"> LR14.3.MG
Description: Memory board or cartridge or Riser bus error detected. An Advanced Memory Protection sub-system board or cartridge or Riser bus error has been detected. Value 0 for CPU means memory is not processor based.\nAlarm to be cleared by the operator at the management system.\nReason: cpqHe5ResMemBoardBusError		
Remedial action: Replace the indicated board or cartridge or Riser.		

Table 26-844 IK8551153 - Advanced LockStep Memory Engaged

Alarm	Attributes	Applicable major releases
Name: IK8551153 (7237) Type: processingErrorAlarm (81) Package: lmg Raised on class: lmg.LMGmngElement	Severity: warning Specific problem: Advanced LockStep Memory Engaged (1629) Implicitly cleared: false Default probable cause: memoryMismatch (680)	<ul style="list-style-type: none"> LR14.3.MG
Description: Advanced Memory Protection LockStep Engine Memory Engaged. The Advanced Memory Protection subsystem has detected a memory fault. The LockStep engine has been activated.\nAlarm to be cleared by the operator at the management system.\nReason: cpqHeResilientMemLockStepMemoryEngaged		
Remedial action: Replace the faulty memory.		

Table 26-845 IK8551154 - Power Supply AC Power Loss

Alarm	Attributes	Applicable major releases
Name: IK8551154 (7238) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: Power Supply AC Power Loss (1448) Implicitly cleared: false Default probable cause: powerProblem (911)	<ul style="list-style-type: none"> LR14.3.MG
Description: The fault tolerant power supply AC power loss for the specified chassis and bay location. \nAlarm to be cleared by the operator at the management system. \nReason: cpqHe4FitToPowerSupplyACpowerloss		
Remedial action: Check the power source for the specified power supply.		

Table 26-846 IK8551156 - Application Error Trap

Alarm	Attributes	Applicable major releases
Name: IK8551156 (7239) Type: processingErrorAlarm (81) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: Application Error Trap (1449) Implicitly cleared: false Default probable cause: applicationSubsystemFailure (689)	<ul style="list-style-type: none"> LR14.3.MG
Description: An application has generated an exception. Specific error information is contained in the variable cpqHoSwPerfAppErrorDesc. \nAlarm to be cleared by the operator at the management system. \nReason: cpqHoAppErrorTrap		
Remedial action: If the problem persists, contact Alcatel-Lucent customer support.		

Table 26-847 IK8551158 - Application Error Trap

Alarm	Attributes	Applicable major releases
Name: IK8551158 (7240) Type: processingErrorAlarm (81) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: Application Error Trap (1449) Implicitly cleared: false Default probable cause: applicationSubsystemFailure (689)	<ul style="list-style-type: none"> LR14.3.MG
Description: An application has generated an exception. Specific error information is contained in the variable cpqHoSwPerfAppErrorDesc. \nAlarm to be cleared by the operator at the management system. \nReason: cpqHo2AppErrorTrap		
Remedial action: If the problem persists, contact Alcatel-Lucent customer support.		

Table 26-848 IK8551163 - Status Trap

Alarm	Attributes	Applicable major releases
Name: IK8551163 (7241) Type: communicationsAlarm (4) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: Status Trap (1450) Implicitly cleared: true Default probable cause: communicationsSubsystemFailure (915)	<ul style="list-style-type: none"> LR14.3.MG
Description: This alarm will be sent any time the status of a NIC changes to the Failed condition. Alarm is cleared by the system. Reason: cpqHo2NicStatusFailed2		
Remedial action: Check the network cables. Replace the failed NIC.		

Table 26-849 IK8551164 - Status Trap

Alarm	Attributes	Applicable major releases
Name: IK8551164 (7242) Type: communicationsAlarm (4) Package: lmg Raised on class: lmg.LMGmngElement	Severity: warning Specific problem: Status Trap (1450) Implicitly cleared: false Default probable cause: communicationsSubsystemFailure (915)	<ul style="list-style-type: none"> LR14.3.MG
Description: This alarm will be sent any time the configured redundant NIC becomes the active NIC. Alarm to be cleared by the operator at the management system. Reason: cpqHo2NicSwitchoverOccurred2		
Remedial action: Examine the network connections and check for a NIC failure.		

Table 26-850 IK8551168 - Critical Software update Notification Trap

Alarm	Attributes	Applicable major releases
Name: IK8551168 (7243) Type: processingErrorAlarm (81) Package: lmg Raised on class: lmg.LMGmngElement	Severity: warning Specific problem: Critical Software update Notification Trap (1630) Implicitly cleared: false Default probable cause: softwareProgramError (720)	<ul style="list-style-type: none"> LR14.3.MG
Description: This alarm is a send to the user to notify him of a Critical Software Update. Alarm to be cleared by the operator at the management system. Reason: cpqHoCriticalSoftwareUpdateTrap		
Remedial action: Install the required software updates.		

Table 26-851 IK8551172 - Power Threshold Exceeded

Alarm	Attributes	Applicable major releases
Name: IK8551172 (7244) Type: qualityOfServiceAlarm (82) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: Power Threshold Exceeded (1451) Implicitly cleared: false Default probable cause: resourceAtOrNearingCapacity (715)	<ul style="list-style-type: none"> LR14.3.MG
Description: This alarm notifies user of a power threshold breach. Power threshold exceeded. Alarm to be cleared by the operator at the management system. Reason: cpqHo2PowerThresholdTrap		
Remedial action: If the problem persists, contact Alcatel-Lucent customer support.		

Table 26-852 IK8552265 - Accelerator Board Battery Failed

Alarm	Attributes	Applicable major releases
Name: IK8552265 (7245) Type: environmentalAlarm (2) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: Accelerator Board Battery Failed (1452) Implicitly cleared: false Default probable cause: batteryFailure (649)	<ul style="list-style-type: none"> LR14.3.MG
Description: Accelerator Board Battery Failed. This alarm signifies that the agent has detected a battery failure associated with the array accelerator cache board. The current battery status is indicated by the cpqDaAccelBattery variable. Alarm to be cleared by the operator at the management system. Reason: cpqDaAccelBatteryFailed		
Remedial action: check the Accelerator Board Battery		

Table 26-853 IK8552272 - Accelerator Board Battery Failed

Alarm	Attributes	Applicable major releases
Name: IK8552272 (7246) Type: environmentalAlarm (2) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: Accelerator Board Battery Failed (1452) Implicitly cleared: false Default probable cause: batteryFailure (649)	<ul style="list-style-type: none"> LR14.3.MG
Description: Accelerator Board Battery Failed. This alarm signifies that the agent has detected a battery failure associated with the array accelerator cache board. The current battery status is indicated by the cpqDaAccelBattery variable. Alarm to be cleared by the operator at the management system. Reason: cpqDa2AccelBatteryFailed		
Remedial action: check the Accelerator Board Battery		

Table 26-854 IK8552279 - Accelerator Board Battery Failed

Alarm	Attributes	Applicable major releases
Name: IK8552279 (7247) Type: environmentalAlarm (2) Package: Img Raised on class: Img.LMGmngElement	Severity: major Specific problem: Accelerator Board Battery Failed (1452) Implicitly cleared: false Default probable cause: batteryFailure (649)	<ul style="list-style-type: none"> LR14.3.MG
Description: Accelerator Board Battery Failed. This alarm signifies that the agent has detected a battery failure associated with the array accelerator cache board. The current battery status is indicated by the cpqDaAccelBattery variable. \nAlarm to be cleared by the operator at the management system. \nReason: cpqDa3AccelBatteryFailed		
Remedial action: check the Accelerator Board Battery		

Table 26-855 IK8552281 - Duplex Controller Active

Alarm	Attributes	Applicable major releases
Name: IK8552281 (7248) Type: processingErrorAlarm (81) Package: Img Raised on class: Img.LMGmngElement	Severity: warning Specific problem: Duplex Controller Active (1631) Implicitly cleared: false Default probable cause: applicationSubsystemFailure (689)	<ul style="list-style-type: none"> LR14.3.MG
Description: Controller Active. This alarm signifies that the agent has detected that a backup array controller in a duplexed pair has switched over to the active role. The variable cpqDaCntlrSlot indicates the active controller slot and cpqDaCntlrPartnerSlot indicates the backup. \nAlarm to be cleared by the operator at the management system. \nReason: cpqDaCntlrActive		
Remedial action: Check the partner controller for problems. If this was the result of a user initiated switch over, no action is required.		

Table 26-856 IK8552284 - Physical Drive Threshold Passed

Alarm	Attributes	Applicable major releases
Name: IK8552284 (7249) Type: equipmentAlarm (3) Package: Img Raised on class: Img.LMGmngElement	Severity: variable Specific problem: Physical Drive Threshold Passed (1454) Implicitly cleared: false Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> LR14.3.MG
Description: Physical Drive Threshold Passed. This alarm signifies that the agent has detected a factory threshold associated with one of the physical drive objects on a drive array has been exceeded. \nAlarm to be cleared by the operator at the management system. \nReason: cpqDa4PhyDrvThreshPassedTrap		
Remedial action: If the physical drive is predicting failure, replace the drive.		

Table 26-857 IK8552289 - Tape Drive Cleaning Tape Needs Replacing

Alarm	Attributes	Applicable major releases
Name: IK8552289 (7250) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGmngElement	Severity: warning Specific problem: Tape Drive Cleaning Tape Needs Replacing (1632) Implicitly cleared: false Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> LR14.3.MG
Description: Tape Drive Cleaning Tape Needs Replacing. The agent has detected that an autoloader tape unit has a cleaning tape that has been fully used and therefore needs to be replaced with a new cleaning tape. Alarm to be cleared by the operator at the management system. Reason: cpqDaTapeDriveCleanTapeReplace		
Remedial action: Replace the Tape Drive Cleaning Tape.		

Table 26-858 IK8552291 - Accelerator Board Bad Data

Alarm	Attributes	Applicable major releases
Name: IK8552291 (7251) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: Accelerator Board Bad Data (1453) Implicitly cleared: false Default probable cause: powerProblem (911)	<ul style="list-style-type: none"> LR14.3.MG
Description: Accelerator Board Bad Data. This alarm signifies that the agent has detected an array accelerator cache board that has lost battery power. If data was being stored in the accelerator cache memory when the server lost power, that data has been lost. Alarm to be cleared by the operator at the management system. Reason: cpqDa5AccelBadDataTrap		
Remedial action: Verify that no data has been lost.		

Table 26-859 IK8552292 - Accelerator Board Battery Failed

Alarm	Attributes	Applicable major releases
Name: IK8552292 (7252) Type: environmentalAlarm (2) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: Accelerator Board Battery Failed (1452) Implicitly cleared: false Default probable cause: batteryFailure (649)	<ul style="list-style-type: none"> LR14.3.MG
Description: Accelerator Board Battery Failed. This alarm signifies that the agent has detected a battery failure associated with the array accelerator cache board. Alarm to be cleared by the operator at the management system. Reason: cpqDa5AccelBatteryFailed		
Remedial action: Replace the Accelerator Cache Board.		

Table 26-860 IK8552295 - Physical Drive Threshold Passed

Alarm	Attributes	Applicable major releases
Name: IK8552295 (7253) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: Physical Drive Threshold Passed (1454) Implicitly cleared: false Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> LR14.3.MG
Description: Physical Drive Threshold Passed. This alarm signifies that the agent has detected a factory threshold associated with one of the physical drive objects on a drive array has been exceeded.\nAlarm to be cleared by the operator at the management system.\nReason: cpqDa5PhyDrvThreshPassedTrap		
Remedial action: Replace the physical drive.		

Table 26-861 IK8552302 - Physical Drive Threshold Passed

Alarm	Attributes	Applicable major releases
Name: IK8552302 (7254) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: Physical Drive Threshold Passed (1454) Implicitly cleared: false Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> LR14.3.MG
Description: Physical Drive Threshold Passed. This alarm signifies that the agent has detected a factory threshold associated with one of the physical drive objects on a drive array has been exceeded.\nAlarm to be cleared by the operator at the management system.\nReason: cpqDa6PhyDrvThreshPassedTrap		
Remedial action: Replace the physical drive.		

Table 26-862 IK8552304 - Accelerator Board Bad Data

Alarm	Attributes	Applicable major releases
Name: IK8552304 (7255) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGmngElement	Severity: minor Specific problem: Accelerator Board Bad Data (1453) Implicitly cleared: false Default probable cause: powerProblem (911)	<ul style="list-style-type: none"> LR14.3.MG
Description: Cache Module Board Bad Data. This alarm signifies that the agent has detected a cache module board that has lost backup power. If data was being stored in the cache module memory when the server lost power, that data has been lost. The backup power source is indicated by cpqDaAccelBackupPowerSource.\nAlarm to be cleared by the operator at the management system.\nReason: cpqDa6AccelBadDataTrap		
Remedial action: Verify that no data has been lost.		

Table 26-863 IK8552305 - Accelerator Board Battery Failed

Alarm	Attributes	Applicable major releases
Name: IK8552305 (7256) Type: environmentalAlarm (2) Package: lmg Raised on class: lmg.LMGmngElement	Severity: minor Specific problem: Accelerator Board Battery Failed (1452) Implicitly cleared: false Default probable cause: batteryFailure (649)	<ul style="list-style-type: none"> LR14.3.MG
Description: Cache Module Board Backup Power Source Failed. This alarm signifies that the agent has detected a backup power source failure associated with the cache module board. The backup power source is indicated by cpqDaAccelBackupPowerSource.\nAlarm to be cleared by the operator at the management system.\nReason: cpqDa6AccelBatteryFailed		
Remedial action: Replace the Backup Power Source.		

Table 26-864 IK8552309 - Tape Drive Cleaning Required

Alarm	Attributes	Applicable major releases
Name: IK8552309 (7257) Type: processingErrorAlarm (81) Package: lmg Raised on class: lmg.LMGmngElement	Severity: warning Specific problem: Tape Drive Cleaning Required (1633) Implicitly cleared: false Default probable cause: configurationOrCustomizationError (902)	<ul style="list-style-type: none"> LR14.3.MG
Description: Tape Drive Cleaning Required trap. The agent has detected a tape drive that needs to have a cleaning tape inserted and run. This will cause the tape drive heads to be cleaned.\nAlarm to be cleared by the operator at the management system.\nReason: cpqDa6TapeDriveCleaningRequired		
Remedial action: Insert and run a cleaning tape in the tape drive.		

Table 26-865 IK8552310 - Tape Drive Cleaning Tape Needs Replacing

Alarm	Attributes	Applicable major releases
Name: IK8552310 (7258) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGmngElement	Severity: warning Specific problem: Tape Drive Cleaning Tape Needs Replacing (1632) Implicitly cleared: false Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> LR14.3.MG
Description: Tape Drive Cleaning Tape Needs Replacing. The agent has detected that an autoloader tape unit has a cleaning tape that has been fully used and therefore needs to be replaced with a new cleaning tape.\nAlarm to be cleared by the operator at the management system.\nReason: cpqDa6TapeDriveCleanTapeReplace		
Remedial action: Replace the Tape Drive Cleaning Tape.		

Table 26-866 IK8552315 - IDE Drive Degraded

Alarm	Attributes	Applicable major releases
Name: IK8552315 (7259) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGmngElement	Severity: minor Specific problem: IDE Drive Degraded (1634) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> LR14.3.MG
Description: An IDE drive status has been set to degraded.\nAlarm is cleared by the system.\nReason: cpqIdeDriveDegraded		
Remedial action: The drive should be scheduled for replacement. Refer to the appropriate Maintenance and Service Guide for detailed information on a component replacement.		

Table 26-867 IK8552317 - IDE Drive Ultra ATA Degraded

Alarm	Attributes	Applicable major releases
Name: IK8552317 (7260) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGmngElement	Severity: minor Specific problem: IDE Drive Ultra ATA Degraded (1635) Implicitly cleared: false Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> LR14.3.MG
Description: An IDE drive detects an excessive number of Ultra ATA data transmission errors between the hard drive and the processor.\nAlarm to be cleared by the operator at the management system.\nReason: cpqIdeDriveUltraAtaDegraded		
Remedial action: For best performance move Ultra ATA devices to the primary controller and non Ultra ATA devices to the secondary controller. If errors still persist, consider replacing the standard 40-conductor IDE cable with an 80-conductor Ultra ATA cable.		

Table 26-868 IK8552337 - NIC Status Trap

Alarm	Attributes	Applicable major releases
Name: IK8552337 (7261) Type: communicationsAlarm (4) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: NIC Status Trap (1455) Implicitly cleared: true Default probable cause: communicationsSubsystemFailure (915)	<ul style="list-style-type: none"> LR14.3.MG
Description: This alarm will be sent any time the status of a logical adapter changes to the Failed condition. This occurs when the adapter in a single adapter configuration fails, or when the last adapter in a redundant configuration fails. This can be caused by loss of link due to a cable being removed from the adapter or the Hub or Switch. Internal adapter, Hub, or Switch failures can also cause this condition.\nAlarm is cleared by the system.\nReason: cpqNicConnectivityLost		
Remedial action: Check the cables to the adapter and the Hub or Switch. If no cable problems are found, the adapter, Hub, or Switch may need replacement.		

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Table 26-869 IK8552339 - NIC Status Trap

Alarm	Attributes	Applicable major releases
Name: IK8552339 (7262) Type: communicationsAlarm (4) Package: lmg Raised on class: lmg.LMGmngElement	Severity: minor Specific problem: NIC Status Trap (1455) Implicitly cleared: true Default probable cause: communicationsSubsystemFailure (915)	<ul style="list-style-type: none"> LR14.3.MG
Description: This alarm will be sent any time a physical adapter in a logical adapter group changes to the Failed condition, but at least one physical adapter remains in the OK condition.. This can be caused by loss of link due to a cable being removed from the adapter or the Hub or Switch. Internal adapter, Hub, or Switch failures can also cause this condition.\nAlarm is cleared by the system.\nReason: cpqNicRedundancyReduced		
Remedial action: Check the cables to the adapter and the Hub or Switch. If no cable problems are found, the adapter, Hub, or Switch may need replacement.		

Table 26-870 IK8552341 - NIC Connectivity Lost Trap

Alarm	Attributes	Applicable major releases
Name: IK8552341 (7263) Type: communicationsAlarm (4) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: NIC Connectivity Lost Trap (1456) Implicitly cleared: true Default probable cause: communicationsSubsystemFailure (915)	<ul style="list-style-type: none"> LR14.3.MG
Description: This alarm will be sent any time the status of a logical adapter changes to the Failed condition. This occurs when the adapter in a single adapter configuration fails, or when the last adapter in a redundant configuration fails. This can be caused by loss of link due to a cable being removed from the adapter or the Hub or Switch. Internal adapter, Hub, or Switch failures can also cause this condition.\nAlarm is cleared by the system.\nReason: cpqNic2ConnectivityLost		
Remedial action: Check the cables to the adapter and the Hub or Switch. If no cable problems are found, the adapter, Hub, or Switch may need replacement.		

Table 26-871 IK8552343 - NIC Redundancy Reduced Trap

Alarm	Attributes	Applicable major releases
Name: IK8552343 (7264) Type: communicationsAlarm (4) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: NIC Redundancy Reduced Trap (1457) Implicitly cleared: true Default probable cause: communicationsSubsystemFailure (915)	<ul style="list-style-type: none"> LR14.3.MG
Description: This alarm will be sent any time a physical adapter in a logical adapter group changes to the Failed condition, but at least one physical adapter remains in the OK condition.. This can be caused by loss of link due to a cable being removed from the adapter or the Hub or Switch. Internal adapter, Hub, or Switch failures can also cause this condition.\nAlarm is cleared by the system.\nReason: cpqNic2RedundancyReduced		

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Alarm	Attributes	Applicable major releases
Remedial action: Check the cables to the adapter and the Hub or Switch. If no cable problems are found, the adapter, Hub, or Switch may need replacement.		

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Table 26-872 IK8552344 - like Activity Detected Trap

Alarm	Attributes	Applicable major releases
Name: IK8552344 (7265) Type: communicationsAlarm (4) Package: lmg Raised on class: lmg.LMGmngElement	Severity: warning Specific problem: like Activity Detected Trap (1636) Implicitly cleared: false Default probable cause: communicationsSubsystemFailure (915)	<ul style="list-style-type: none"> LR14.3.MG
Description: This alarm will be sent when the Virus Throttle Filter Driver detects virus like activity.\nAlarm to be cleared by the operator at the management system.\nReason: cpqNicVirusLikeActivityDetected		
Remedial action: The system reporting this trap requires immediate attention.		

Table 26-873 IK8552347 - NIC Connectivity Lost Trap

Alarm	Attributes	Applicable major releases
Name: IK8552347 (7266) Type: communicationsAlarm (4) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: NIC Connectivity Lost Trap (1456) Implicitly cleared: false Default probable cause: communicationsSubsystemFailure (915)	<ul style="list-style-type: none"> LR14.3.MG
Description: This alarm will be sent any time the status of a logical adapter changes to the Failed condition. This occurs when the adapter in a single adapter configuration fails, or when the last adapter in a redundant configuration fails. This can be caused by loss of link due to a cable being removed from the adapter or the Hub or Switch. Internal adapter, Hub, or Switch failures can also cause this condition.\nAlarm to be cleared by the operator at the management system.\nReason: cpqNic3ConnectivityLost		
Remedial action: Check the cables to the adapter and the Hub or Switch. If no cable problems are found, the adapter, Hub, or Switch may need replacement.		

Table 26-874 IK8552349 - NIC Redundancy Reduced Trap

Alarm	Attributes	Applicable major releases
Name: IK8552349 (7267) Type: communicationsAlarm (4) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: NIC Redundancy Reduced Trap (1457) Implicitly cleared: true Default probable cause: communicationsSubsystemFailure (915)	<ul style="list-style-type: none"> LR14.3.MG

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Alarm	Attributes	Applicable major releases
Description: This alarm will be sent any time a physical adapter in a logical adapter group changes to the Failed condition, but at least one physical adapter remains in the OK condition.. This can be caused by loss of link due to a cable being removed from the adapter or the Hub or Switch. Internal adapter, Hub, or Switch failures can also cause this condition.\nAlarm is cleared by the system.\nReason: cpqNic3RedundancyReduced		
Remedial action: Check the cables to the adapter and the Hub or Switch. If no cable problems are found, the adapter, Hub, or Switch may need replacement.		

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Table 26-875 IK8552360 - Enclosure temperature failed

Alarm	Attributes	Applicable major releases
Name: IK8552360 (7268) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: Enclosure temperature failed (1458) Implicitly cleared: false Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> LR14.3.MG
Description: The enclosure temperature status has been set to failed. This alarm signifies that a enclosure temperature sensor has been tripped indicating an overheat condition.\nAlarm to be cleared by the operator at the management system.\nReason: cpqRackEnclosureTempFailed		
Remedial action: Shutdown the enclosure and possibly the rack as soon as possible. Ensure all fans are working properly and that air flow in the rack has not been blocked.		

Table 26-876 IK8552361 - Enclosure temperature degraded

Alarm	Attributes	Applicable major releases
Name: IK8552361 (7269) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGmngElement	Severity: minor Specific problem: Enclosure temperature degraded (1637) Implicitly cleared: false Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> LR14.3.MG
Description: The enclosure temperature status has been set to degraded. This alarm signifies that an enclosure temperature sensor has been tripped indicating a possible overheat condition.\nAlarm to be cleared by the operator at the management system.\nReason: cpqRackEnclosureTempDegraded		
Remedial action: Shutdown the enclosure and possibly the rack as soon as possible. Ensure all fans are working properly and that air flow in the rack has not been blocked.		

Table 26-877 IK8552363 - Enclosure fan failed

Alarm	Attributes	Applicable major releases
Name: IK8552363 (7270) Type: environmentalAlarm (2) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: Enclosure fan failed (1459) Implicitly cleared: true Default probable cause: coolingFanFailure (651)	<ul style="list-style-type: none"> LR14.3.MG
Description: The enclosure fan status has been set to failed. This alarm signifies that an enclosure fan has failed and no other fans in the redundant fan group are operating. This may result in overheating of the enclosure.\nAlarm is cleared by the system.\nReason: cpqRackEnclosureFanFailed		
Remedial action: Replace the fan as soon as possible.		

Table 26-878 IK8552364 - Enclosure fan degraded

Alarm	Attributes	Applicable major releases
Name: IK8552364 (7271) Type: environmentalAlarm (2) Package: lmg Raised on class: lmg.LMGmngElement	Severity: minor Specific problem: Enclosure fan degraded (1638) Implicitly cleared: false Default probable cause: coolingFanFailure (651)	<ul style="list-style-type: none"> LR14.3.MG
Description: The enclosure fan status has been set to degraded. This alarm signifies that an enclosure fan has failed but other fans in the redundant fan group are still operating. This may result in overheating of the enclosure.\nAlarm to be cleared by the operator at the management system.\nReason: cpqRackEnclosureFanDegraded		
Remedial action: Replace the fan as soon as possible.		

Table 26-879 IK8552368 - Rack power supply failed

Alarm	Attributes	Applicable major releases
Name: IK8552368 (7272) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGmngElement	Severity: critical Specific problem: Rack power supply failed (1460) Implicitly cleared: true Default probable cause: powerProblem (911)	<ul style="list-style-type: none"> LR14.3.MG
Description: The power supply status has been set to failed. This alarm signifies that a power supply has failed.\nAlarm is cleared by the system.\nReason: cpqRackPowerSupplyFailed		
Remedial action: Replace the power supply as soon as possible.		

Table 26-880 IK8552369 - Rack power supply degraded

Alarm	Attributes	Applicable major releases
Name: IK8552369 (7273) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: Rack power supply degraded (1461) Implicitly cleared: false Default probable cause: powerProblem (911)	<ul style="list-style-type: none"> LR14.3.MG
Description: The power supply status has been set to degraded. This alarm signifies that a power supply has degraded. Alarm to be cleared by the operator at the management system. Reason: cpqRackPowerSupplyDegraded		
Remedial action: Replace the power supply as soon as possible.		

Table 26-881 IK8552373 - Rack power subsystem not redundant

Alarm	Attributes	Applicable major releases
Name: IK8552373 (7274) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGmngElement	Severity: minor Specific problem: Rack power subsystem not redundant (1639) Implicitly cleared: false Default probable cause: powerProblem (911)	<ul style="list-style-type: none"> LR14.3.MG
Description: The rack power subsystem is no longer in a redundant state. Alarm to be cleared by the operator at the management system. Reason: cpqRackPowerSubsystemNotRedundant		
Remedial action: Replace any failed power supplies as soon as possible to return the system to a redundant state.		

Table 26-882 IK8552374 - Rack power supply input voltage problem

Alarm	Attributes	Applicable major releases
Name: IK8552374 (7275) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: Rack power supply input voltage problem (1462) Implicitly cleared: false Default probable cause: powerProblem (911)	<ul style="list-style-type: none"> LR14.3.MG
Description: The rack power supply detected an input line voltage problem. Alarm to be cleared by the operator at the management system. Reason: cpqRackPowerSubsystemLineVoltageProblem		
Remedial action: Check the power input for the power supply or replace any failed power supplies as soon as possible.		

Table 26-883 IK8552375 - Rack power subsystem overload condition

Alarm	Attributes	Applicable major releases
Name: IK8552375 (7276) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: Rack power subsystem overload condition (1463) Implicitly cleared: false Default probable cause: powerProblem (911)	<ul style="list-style-type: none"> LR14.3.MG
Description: The rack power subsystem overload condition.\nAlarm to be cleared by the operator at the management system.\nReason: cpqRackPowerSubsystemOverloadCondition		
Remedial action: Replace any failed power supplies as soon as possible to return the system to a redundant state.		

Table 26-884 IK8552376 - Server shutdown due to power shedding

Alarm	Attributes	Applicable major releases
Name: IK8552376 (7277) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGmngElement	Severity: critical Specific problem: Server shutdown due to power shedding (1464) Implicitly cleared: false Default probable cause: powerProblem (911)	<ul style="list-style-type: none"> LR14.3.MG
Description: Server shutdown due to power shedding. The server blade was shutdown due to a lack of power.\nAlarm to be cleared by the operator at the management system.\nReason: cpqRackPowerShedAutoShutdown		
Remedial action: Check power connections or add power supplies.		

Table 26-885 IK8552377 - Server power on prevented to preserve redundancy

Alarm	Attributes	Applicable major releases
Name: IK8552377 (7278) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGmngElement	Severity: critical Specific problem: Server power on prevented to preserve redundancy (1465) Implicitly cleared: false Default probable cause: powerProblem (911)	<ul style="list-style-type: none"> LR14.3.MG
Description: Server power on prevented to preserve redundancy. There is not enough power to power on the server blade and maintain redundancy for the other blades in the enclosure.\nAlarm to be cleared by the operator at the management system.\nReason: cpqRackServerPowerOnFailedNotRedundant		
Remedial action: Check power connections or add power supplies.		

Table 26-886 IK8552378 - Inadequate power to power on

Alarm	Attributes	Applicable major releases
Name: IK8552378 (7279) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGmngElement	Severity: critical Specific problem: Inadequate power to power on (1466) Implicitly cleared: false Default probable cause: powerProblem (911)	<ul style="list-style-type: none"> LR14.3.MG
Description: Inadequate power to power on. There is not enough power to power on the server blade. Alarm to be cleared by the operator at the management system. Reason: cpqRackServerPowerOnFailedNotEnoughPower		
Remedial action: Check power connections or add power supplies.		

Table 26-887 IK8552379 - Inadequate power to power on

Alarm	Attributes	Applicable major releases
Name: IK8552379 (7280) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGmngElement	Severity: critical Specific problem: Inadequate power to power on (1466) Implicitly cleared: false Default probable cause: powerProblem (911)	<ul style="list-style-type: none"> LR14.3.MG
Description: Inadequate power to power on. There is not enough power to power on the server blade. The server enclosure micro-controller was not found. Alarm to be cleared by the operator at the management system. Reason: cpqRackServerPowerOnFailedEnclosureNotFound		
Remedial action: Check server enclosure connections or add power supplies.		

Table 26-888 IK8552380 - Inadequate power to power on

Alarm	Attributes	Applicable major releases
Name: IK8552380 (7281) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGmngElement	Severity: critical Specific problem: Inadequate power to power on (1466) Implicitly cleared: false Default probable cause: powerProblem (911)	<ul style="list-style-type: none"> LR14.3.MG
Description: Inadequate power to power on. There is not enough power to power on the server blade. The power enclosure micro-controller was not found. Alarm to be cleared by the operator at the management system. Reason: cpqRackServerPowerOnFailedPowerChassisNotFound		
Remedial action: Check power enclosure connections or add power supplies.		

Table 26-889 IK8552382 - Fuse open

Alarm	Attributes	Applicable major releases
Name: IK8552382 (7282) Type: environmentalAlarm (2) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: Fuse open (1467) Implicitly cleared: false Default probable cause: enclosureDoorOpen (900)	<ul style="list-style-type: none"> LR14.3.MG
Description: Fuse open. The fuse has been tripped.\nAlarm to be cleared by the operator at the management system.\nReason: cpqRackFuseOpen		
Remedial action: Check enclosure and / or blade power connections and reset the fuse.		

Table 26-890 IK8552385 - Power subsystem not load balanced

Alarm	Attributes	Applicable major releases
Name: IK8552385 (7283) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGmngElement	Severity: minor Specific problem: Power subsystem not load balanced (1640) Implicitly cleared: false Default probable cause: powerProblem (911)	<ul style="list-style-type: none"> LR14.3.MG
Description: Power subsystem not load balanced. The power subsystem is out of balance for this power enclosure.\nAlarm to be cleared by the operator at the management system.\nReason: cpqRackPowerChassisNotLoadBalanced		
Remedial action: Check the power enclosure and power supplies. Replace any failed or degraded power supplies. Add additional power supplies if needed.		

Table 26-891 IK8552386 - Power subsystem DC power problem

Alarm	Attributes	Applicable major releases
Name: IK8552386 (7284) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: Power subsystem DC power problem (1468) Implicitly cleared: false Default probable cause: powerProblem (911)	<ul style="list-style-type: none"> LR14.3.MG
Description: Power subsystem DC power problem. There is a power subsystem DC power problem for this power enclosure.\nAlarm to be cleared by the operator at the management system.\nReason: cpqRackPowerChassisDcPowerProblem		
Remedial action: Check the power enclosure and power supplies. Replace any failed or degraded power supplies.		

Table 26-892 IK8552387 - Power subsystem AC facility input power exceeded

Alarm	Attributes	Applicable major releases
Name: IK8552387 (7285) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: Power subsystem AC facility input power exceeded (1469) Implicitly cleared: false Default probable cause: powerProblem (911)	<ul style="list-style-type: none"> LR14.3.MG
Description: Power subsystem AC facility input power exceeded. There is a power subsystem Power subsystem AC facility input power exceeded for this power enclosure.\nAlarm to be cleared by the operator at the management system.\nReason: cpqRackPowerChassisAcFacilityPowerExceeded		
Remedial action: Check the power enclosure and power supplies. Replace any failed or degraded power supplies.		

Table 26-893 IK8552388 - Unknown power consumption

Alarm	Attributes	Applicable major releases
Name: IK8552388 (7286) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: Unknown power consumption (1470) Implicitly cleared: false Default probable cause: powerProblem (911)	<ul style="list-style-type: none"> LR14.3.MG
Description: Unknown power consumption. There is an unknown power consumer drawing power.\nAlarm to be cleared by the operator at the management system.\nReason: cpqRackPowerUnknownPowerConsumption		
Remedial action: Check the power enclosure and power supplies. Replace any failed or degraded power supplies.		

Table 26-894 IK8552389 - Power subsystem load balancing wire missing

Alarm	Attributes	Applicable major releases
Name: IK8552389 (7287) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGmngElement	Severity: minor Specific problem: Power subsystem load balancing wire missing (1641) Implicitly cleared: false Default probable cause: powerProblem (911)	<ul style="list-style-type: none"> LR14.3.MG
Description: Power subsystem load balancing wire missing. The power subsystem load balancing wire missing.\nAlarm to be cleared by the operator at the management system.\nReason: cpqRackPowerChassisLoadBalancingWireMissing		
Remedial action: Connect the load balancing wire.		

Table 26-895 IK8552390 - Power subsystem has too may power enclosures

Alarm	Attributes	Applicable major releases
Name: IK8552390 (7288) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGmngElement	Severity: minor Specific problem: Power subsystem has too may power enclosures (1642) Implicitly cleared: false Default probable cause: powerProblem (911)	<ul style="list-style-type: none"> LR14.3.MG
Description: Power subsystem has too may power enclosures. The maximum number of power enclosures has been exceeded. Alarm to be cleared by the operator at the management system. Reason: cpqRackPowerChassisTooManyPowerChassis		
Remedial action: Remove the extra power enclosure.		

Table 26-896 IK8552391 - Power subsystem improperly configured

Alarm	Attributes	Applicable major releases
Name: IK8552391 (7289) Type: processingErrorAlarm (81) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: Power subsystem improperly configured (1471) Implicitly cleared: false Default probable cause: configurationOrCustomizationError (902)	<ul style="list-style-type: none"> LR14.3.MG
Description: Power subsystem improperly configured. The power subsystem has been improperly configured. Alarm to be cleared by the operator at the management system. Reason: cpqRackPowerChassisConfigError		
Remedial action: Check the cabling of the power enclosure.		

Table 26-897 IK8552392 - Enclosure manager degraded

Alarm	Attributes	Applicable major releases
Name: IK8552392 (7290) Type: qualityOfServiceAlarm (82) Package: lmg Raised on class: lmg.LMGmngElement	Severity: minor Specific problem: Enclosure manager degraded (1643) Implicitly cleared: true Default probable cause: performanceDegraded (710)	<ul style="list-style-type: none"> LR14.3.MG
Description: The Onboard Administrator or other management processor status has been set to degraded. This alarm signifies that either an Onboard Administrator has failed but the other Onboard Administrator is still operating, or one or more management processors is in a non-optimal operating state. Alarm is cleared by the system. Reason: cpqRackEnclosureManagerDegraded		
Remedial action: For C-Class enclosures, replace the Onboard Administrator as soon as possible. For all others please refer to product documentation for possible corrective actions		

Table 26-898 IK8552397 - keying failed

Alarm	Attributes	Applicable major releases
Name: IK8552397 (7291) Type: communicationsAlarm (4) Package: lmg Raised on class: lmg.LMGmngElement	Severity: minor Specific problem: keying failed (1644) Implicitly cleared: false Default probable cause: communicationsSubsystemFailure (915)	<ul style="list-style-type: none"> LR14.3.MG
Description: The server blade e-keying has failed. This alarm signifies that a server blade e-keying has failed and there is a port mapping problem between a server mezz card and the interconnect. \nAlarm to be cleared by the operator at the management system. \nReason: cpqRackServerBladeEKeyingFailed		
Remedial action: Reconfigure server blade mezz cards.		

Table 26-899 IK8552401 - Interconnect failed

Alarm	Attributes	Applicable major releases
Name: IK8552401 (7292) Type: communicationsAlarm (4) Package: lmg Raised on class: lmg.LMGmngElement	Severity: critical Specific problem: Interconnect failed (1472) Implicitly cleared: false Default probable cause: communicationsSubsystemFailure (915)	<ul style="list-style-type: none"> LR14.3.MG
Description: The interconnect status has been set to failed. This alarm signifies that a interconnect has failed. \nAlarm to be cleared by the operator at the management system. \nReason: cpqRackNetConnectorFailed		
Remedial action: Replace the interconnect as soon as possible.		

Table 26-900 IK8552402 - Interconnect degraded

Alarm	Attributes	Applicable major releases
Name: IK8552402 (7293) Type: communicationsAlarm (4) Package: lmg Raised on class: lmg.LMGmngElement	Severity: minor Specific problem: Interconnect degraded (1645) Implicitly cleared: false Default probable cause: communicationsSubsystemFailure (915)	<ul style="list-style-type: none"> LR14.3.MG
Description: The interconnect status has been set to degraded. This alarm signifies that a interconnect has degraded. \nAlarm to be cleared by the operator at the management system. \nReason: cpqRackNetConnectorDegraded		
Remedial action: Replace the interconnect as soon as possible.		

Table 26-901 IK8552408 - Server blade health status degraded

Alarm	Attributes	Applicable major releases
Name: IK8552408 (7294) Type: qualityOfServiceAlarm (82) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: Server blade health status degraded (1473) Implicitly cleared: false Default probable cause: performanceDegraded (710)	<ul style="list-style-type: none"> LR14.3.MG
Description: Server blade health status Degraded. The server blade health status has changed to Degraded.\nAlarm to be cleared by the operator at the management system.\nReason: cpqRackServerBladeStatusDegraded		
Remedial action: Check blade server and enclosure SYSLOG.		

Table 26-902 IK8552409 - Server blade health status critical

Alarm	Attributes	Applicable major releases
Name: IK8552409 (7295) Type: processingErrorAlarm (81) Package: lmg Raised on class: lmg.LMGmngElement	Severity: critical Specific problem: Server blade health status critical (1474) Implicitly cleared: false Default probable cause: applicationSubsystemFailure (689)	<ul style="list-style-type: none"> LR14.3.MG
Description: Server blade health status Critical. The server blade health status has changed to Critical.\nAlarm to be cleared by the operator at the management system.\nReason: cpqRackServerBladeStatusCritical		
Remedial action: Check blade server and enclosure SYSLOG.		

Table 26-903 IK8552410 - Server blade not responding to group capping requests

Alarm	Attributes	Applicable major releases
Name: IK8552410 (7296) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGmngElement	Severity: minor Specific problem: Server blade not responding to group capping requests (1646) Implicitly cleared: false Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> LR14.3.MG
Description: The server blade is not responding to the group capper. The server blade is not responding to capping requests from the enclosure group capper.\nAlarm to be cleared by the operator at the management system.\nReason: cpqRackServerBladeGrpCapTimeout		
Remedial action: Reset the iLO management processor.		

Table 26-904 IK8552411 - Server blade unexpected shutdown

Alarm	Attributes	Applicable major releases
Name: IK8552411 (7297) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: Server blade unexpected shutdown (1475) Implicitly cleared: false Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> LR14.3.MG
Description: An unexpected shutdown has occurred for this server blade.\nAlarm to be cleared by the operator at the management system.\nReason: cpqRackServerBladeUnexpectedShutdown		
Remedial action: Check blade server and enclosure SYSLOG.		

Table 26-905 IK8552427 - Generic EAE Minor trap

Alarm	Attributes	Applicable major releases
Name: IK8552427 (7298) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGmngElement	Severity: minor Specific problem: Generic EAE Minor trap (1647) Implicitly cleared: false Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> LR14.3.MG
Description: EAE Minor trap\nAlarm to be cleared by the operator at the management system.\nReason: cpqRackMinorEAETrap		
Remedial action: If the problem persists, contact Alcatel-Lucent customer support.		

Table 26-906 IK8552428 - Generic EAE Major trap

Alarm	Attributes	Applicable major releases
Name: IK8552428 (7299) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: Generic EAE Major trap (1476) Implicitly cleared: false Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> LR14.3.MG
Description: EAE Major trap\nAlarm to be cleared by the operator at the management system.\nReason: cpqRackMajorEAETrap		
Remedial action: If the problem persists, contact Alcatel-Lucent customer support.		

Table 26-907 IK8552429 - Generic EAE Critical trap

Alarm	Attributes	Applicable major releases
Name: IK8552429 (7300) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGmngElement	Severity: critical Specific problem: Generic EAE Critical trap (1477) Implicitly cleared: false Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> LR14.3.MG
Description: EAE Critical trap\nAlarm to be cleared by the operator at the management system.\nReason: cpqRackCriticalEAETrap		
Remedial action: If the problem persists, contact Alcatel-Lucent customer support.		

Table 26-908 IK8552430 - Generic Power Subsystem EAE Minor trap

Alarm	Attributes	Applicable major releases
Name: IK8552430 (7301) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGmngElement	Severity: minor Specific problem: Generic Power Subsystem EAE Minor trap (1648) Implicitly cleared: false Default probable cause: powerProblem (911)	<ul style="list-style-type: none"> LR14.3.MG
Description: FlexFabric Cmdr Power Subsystem Minor trap.\nAlarm to be cleared by the operator at the management system.\nReason: cpqRackPowerMinorEAETrap		
Remedial action: For FlexFabric Cmdr, please refer to product documentation for possible corrective actions.		

Table 26-909 IK8552431 - Generic Power Subsystem EAE Major trap

Alarm	Attributes	Applicable major releases
Name: IK8552431 (7302) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: Generic Power Subsystem EAE Major trap (1478) Implicitly cleared: false Default probable cause: powerProblem (911)	<ul style="list-style-type: none"> LR14.3.MG
Description: FlexFabric Cmdr Power Subsystem Major trap.\nAlarm to be cleared by the operator at the management system.\nReason: cpqRackPowerMajorEAETrap		
Remedial action: For FlexFabric Cmdr, please refer to product documentation for possible corrective actions.		

Table 26-910 IK8552432 - Generic Power Subsystem EAE Critical trap

Alarm	Attributes	Applicable major releases
Name: IK8552432 (7303) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGmngElement	Severity: critical Specific problem: Generic Power Subsystem EAE Critical trap (1479) Implicitly cleared: false Default probable cause: powerProblem (911)	<ul style="list-style-type: none"> LR14.3.MG
Description: FlexFabric Cmdr Power Subsystem Critical trap.\nAlarm to be cleared by the operator at the management system.\nReason: cpqRackPowerCriticalEAETrap		
Remedial action: For FlexFabric Cmdr, please refer to product documentation for possible corrective actions.		

Table 26-911 IK8552435 - Generic WSMAN Minor trap

Alarm	Attributes	Applicable major releases
Name: IK8552435 (7304) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGmngElement	Severity: minor Specific problem: Generic WSMAN Minor trap (1649) Implicitly cleared: false Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> LR14.3.MG
Description: WSMAN Minor trap\nReason: cpqRackMinorWSMANTrap		
Remedial action: If the problem persists, contact Alcatel-Lucent customer support.		

Table 26-912 IK8552436 - Generic WSMAN Major trap

Alarm	Attributes	Applicable major releases
Name: IK8552436 (7305) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: Generic WSMAN Major trap (1480) Implicitly cleared: false Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> LR14.3.MG
Description: WSMAN Major trap\nReason: cpqRackMajorWSMANTrap		
Remedial action: If the problem persists, contact Alcatel-Lucent customer support.		

Table 26-913 IK8552437 - Generic WSMAN Critical trap

Alarm	Attributes	Applicable major releases
Name: IK8552437 (7306) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGmngElement	Severity: critical Specific problem: Generic WSMAN Critical trap (1481) Implicitly cleared: false Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> LR14.3.MG
Description: WSMAN Critical trap\nReason: cpqRackCriticalWSMANTrap		
Remedial action: If the problem persists, contact Alcatel-Lucent customer support.		

Table 26-914 IK8552439 - Standby Recovery Server Interconnect Failure

Alarm	Attributes	Applicable major releases
Name: IK8552439 (7307) Type: communicationsAlarm (4) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: Standby Recovery Server Interconnect Failure (1482) Implicitly cleared: false Default probable cause: communicationsSubsystemFailure (915)	<ul style="list-style-type: none"> LR14.3.MG
Description: Recovery Server serial interconnect failure. The Standby Recovery Agent reports that the local serial interconnect is not connected or has failed. The primary server is being shutdown in anticipation of the startup of the standby server.\nAlarm to be cleared by the operator at the management system.\nReason: cpqRsStandbyCableFailure		
Remedial action: If the problem persists, contact Alcatel-Lucent customer support.		

Table 26-915 IK8552443 - Device Connected

Alarm	Attributes	Applicable major releases
Name: IK8552443 (7308) Type: communicationsAlarm (4) Package: lmg Raised on class: lmg.LMGmngElement	Severity: variable Specific problem: Device Connected (1650) Implicitly cleared: false Default probable cause: communicationsSubsystemFailure (915)	<ul style="list-style-type: none"> LR14.3.MG
Description: A UPS device is reporting a Connection Lost due to one of the following. 1. The serial cable connected to the UPS has been unplugged. 2. The Network cable connected to the UPS has been unplugged.\nAlarm to be cleared by the operator at the management system.\nReason: cpqRPMTrapDeviceConnected		
Remedial action: Perform the following steps to clear the alarm: 1. Insure all cables are seated properly. 2. check you network to insure it is functioning properly. 3. If the UPS is serially connected insure that the Serial Relay Agent is installed and running.		

Table 26-916 IK8552444 - Connection Lost

Alarm	Attributes	Applicable major releases
Name: IK8552444 (7309) Type: communicationsAlarm (4) Package: lmg Raised on class: lmg.LMGmngElement	Severity: variable Specific problem: Connection Lost (1651) Implicitly cleared: false Default probable cause: communicationsSubsystemFailure (915)	<ul style="list-style-type: none"> LR14.3.MG
Description: A UPS device is reporting a Connection Lost due to one of the following. 1. The serial cable connected to the UPS has been unplugged. 2. The Network cable connected to the UPS has been unplugged. Alarm to be cleared by the operator at the management system. Reason: cpqRPMTrapConnectionLost		
Remedial action: Perform the following steps to clear the alarm: 1. Insure all cables are seated properly. 2. check you network to insure it is functioning properly. 3. If the UPS is serially connected insure that the Serial Relay Agent is installed and running.		

Table 26-917 IK8552449 - CMC Temperature 1 Above Warning

Alarm	Attributes	Applicable major releases
Name: IK8552449 (7310) Type: environmentalAlarm (2) Package: lmg Raised on class: lmg.LMGmngElement	Severity: variable Specific problem: CMC Temperature 1 Above Warning (1652) Implicitly cleared: false Default probable cause: temperatureUnacceptable (721)	<ul style="list-style-type: none"> LR14.3.MG
Description: A CMC device is reporting temperature 1 above warning threshold. Alarm to be cleared by the operator at the management system. Reason: cpqRPMTrapCMCTemp1AboveWarn		
Remedial action: If the problem persists, contact Alcatel-Lucent customer support.		

Table 26-918 IK8552450 - CMC Temperature 1 Above Maximum

Alarm	Attributes	Applicable major releases
Name: IK8552450 (7311) Type: environmentalAlarm (2) Package: lmg Raised on class: lmg.LMGmngElement	Severity: variable Specific problem: CMC Temperature 1 Above Maximum (1653) Implicitly cleared: false Default probable cause: temperatureUnacceptable (721)	<ul style="list-style-type: none"> LR14.3.MG
Description: A CMC device is reporting temperature 1 above maximum threshold. Alarm to be cleared by the operator at the management system. Reason: cpqRPMTrapCMCTemp1AboveMax		
Remedial action: If the problem persists, contact Alcatel-Lucent customer support.		

Table 26-919 IK8552453 - CMC Temperature 2 Above Warning

Alarm	Attributes	Applicable major releases
Name: IK8552453 (7312) Type: environmentalAlarm (2) Package: lmg Raised on class: lmg.LMGmngElement	Severity: variable Specific problem: CMC Temperature 2 Above Warning (1654) Implicitly cleared: false Default probable cause: temperatureUnacceptable (721)	<ul style="list-style-type: none"> LR14.3.MG
Description: A CMC device is reporting temperature 2 above warning threshold.\nAlarm to be cleared by the operator at the management system.\nReason: cpqRPMTrapCMCTemp2AboveWarn		
Remedial action: If the problem persists, contact Alcatel-Lucent customer support.		

Table 26-920 IK8552454 - CMC Temperature 2 Above Maximum

Alarm	Attributes	Applicable major releases
Name: IK8552454 (7313) Type: environmentalAlarm (2) Package: lmg Raised on class: lmg.LMGmngElement	Severity: variable Specific problem: CMC Temperature 2 Above Maximum (1655) Implicitly cleared: false Default probable cause: temperatureUnacceptable (721)	<ul style="list-style-type: none"> LR14.3.MG
Description: A CMC device is reporting temperature 2 above maximum threshold.\nAlarm to be cleared by the operator at the management system.\nReason: cpqRPMTrapCMCTemp2AboveMax		
Remedial action: If the problem persists, contact Alcatel-Lucent customer support.		

Table 26-921 IK8552457 - CMC Voltage Above Maximum

Alarm	Attributes	Applicable major releases
Name: IK8552457 (7314) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGmngElement	Severity: variable Specific problem: CMC Voltage Above Maximum (1656) Implicitly cleared: false Default probable cause: powerProblem (911)	<ul style="list-style-type: none"> LR14.3.MG
Description: A CMC device is reporting voltage above maximum threshold.\nAlarm to be cleared by the operator at the management system.\nReason: cpqRPMTrapCMCVoltOver		
Remedial action: If the problem persists, contact Alcatel-Lucent customer support.		

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Table 26-922 IK8552460 - CMC Humidity Above Maximum

Alarm	Attributes	Applicable major releases
Name: IK8552460 (7315) Type: environmentalAlarm (2) Package: lmg Raised on class: lmg.LMGmngElement	Severity: variable Specific problem: CMC Humidity Above Maximum (1657) Implicitly cleared: false Default probable cause: humidityUnacceptable (702)	<ul style="list-style-type: none"> LR14.3.MG
Description: A CMC device is reporting humidity above maximum threshold.\nAlarm to be cleared by the operator at the management system.\nReason: cpqRPMTrapCMCHmdtOver		
Remedial action: If the problem persists, contact Alcatel-Lucent customer support.		

Table 26-923 IK8552462 - CMC Smoke Detected

Alarm	Attributes	Applicable major releases
Name: IK8552462 (7316) Type: environmentalAlarm (2) Package: lmg Raised on class: lmg.LMGmngElement	Severity: variable Specific problem: CMC Smoke Detected (1658) Implicitly cleared: true Default probable cause: smoke (676)	<ul style="list-style-type: none"> LR14.3.MG
Description: A CMC device is reporting smoke detected.\nAlarm is cleared by the system.\nReason: cpqRPMTrapCMCSmokeDetected		
Remedial action: Check the CMC device		

Table 26-924 IK8552464 - CMC Shock Detected

Alarm	Attributes	Applicable major releases
Name: IK8552464 (7317) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGmngElement	Severity: variable Specific problem: CMC Shock Detected (1659) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> LR14.3.MG
Description: A CMC device is reporting shock detected.\nAlarm is cleared by the system.\nReason: cpqRPMTrapCMCSockDetected		
Remedial action: Check the CMC device		

Table 26-925 IK8552466 - CMC Aux 1 Alarm

Alarm	Attributes	Applicable major releases
Name: IK8552466 (7318) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGmngElement	Severity: variable Specific problem: CMC Aux 1 Alarm (1660) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> LR14.3.MG
Description: A CMC device has entered an alarm condition for auxiliary input 1.\nAlarm is cleared by the system.\nReason: cpqRPMTrapCMCAux1Alarm		
Remedial action: If the problem persists, contact Alcatel-Lucent customer support.		

Table 26-926 IK8552468 - CMC Aux 2 Alarm

Alarm	Attributes	Applicable major releases
Name: IK8552468 (7319) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGmngElement	Severity: variable Specific problem: CMC Aux 2 Alarm (1661) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> LR14.3.MG
Description: A CMC device has entered an alarm condition for auxiliary input 2.\nAlarm is cleared by the system.\nReason: cpqRPMTrapCMCAux2Alarm		
Remedial action: If the problem persists, contact Alcatel-Lucent customer support.		

Table 26-927 IK8552489 - UPS Input Voltage Above Maximum

Alarm	Attributes	Applicable major releases
Name: IK8552489 (7320) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGmngElement	Severity: variable Specific problem: UPS Input Voltage Above Maximum (1662) Implicitly cleared: false Default probable cause: powerProblem (911)	<ul style="list-style-type: none"> LR14.3.MG
Description: A UPS device is reporting input voltage above maximum threshold.\nAlarm to be cleared by the operator at the management system.\nReason: cpqRPMTrapUPSInputVoltageAboveMax		
Remedial action: If the problem persists, contact Alcatel-Lucent customer support.		

Table 26-928 IK8552490 - UPS Input Voltage Normal

Alarm	Attributes	Applicable major releases
Name: IK8552490 (7321) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGmngElement	Severity: variable Specific problem: UPS Input Voltage Normal (1663) Implicitly cleared: false Default probable cause: powerProblem (911)	<ul style="list-style-type: none"> LR14.3.MG
Description: A UPS device is reporting input voltage is out of range.\nAlarm to be cleared by the operator at the management system.\nReason: cpqRPMTrapUPSInputVoltageNormal		
Remedial action: Perform the following steps to clear the alarm: 1. Check to make sure the UPS is plugged into an outlet supplied with utility power. 2. If the UPS remains on battery for an extended period of time it will not be able to sustain the load.		

Table 26-929 IK8552492 - UPS Output Voltage Above Maximum

Alarm	Attributes	Applicable major releases
Name: IK8552492 (7322) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGmngElement	Severity: variable Specific problem: UPS Output Voltage Above Maximum (1664) Implicitly cleared: false Default probable cause: powerProblem (911)	<ul style="list-style-type: none"> LR14.3.MG
Description: A UPS device is reporting output voltage above maximum threshold.\nAlarm to be cleared by the operator at the management system.\nReason: cpqRPMTrapUPSOutputVoltageAboveMax		
Remedial action: If the problem persists, contact Alcatel-Lucent customer support.		

Table 26-930 IK8552493 - UPS Output Voltage Normal

Alarm	Attributes	Applicable major releases
Name: IK8552493 (7323) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGmngElement	Severity: variable Specific problem: UPS Output Voltage Normal (1665) Implicitly cleared: false Default probable cause: powerProblem (911)	<ul style="list-style-type: none"> LR14.3.MG
Description: A UPS device is reporting output voltage is out of Range.\nAlarm to be cleared by the operator at the management system.\nReason: cpqRPMTrapUPSOutputVoltageNormal		
Remedial action: Perform the following steps to clear the alarm: 1. Initiate a UPS self test. 2. If this error persists contact technical support.		

Table 26-931 IK8552494 - UPS Output Overload

Alarm	Attributes	Applicable major releases
Name: IK8552494 (7324) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGmngElement	Severity: variable Specific problem: UPS Output Overload (1666) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> LR14.3.MG
Description: A UPS device is reporting an overload condition.\nAlarm is cleared by the system.\nReason: cpqRPMTrapUPSOutputOverload		
Remedial action: Perform the following steps to clear the alarm: 1. Reduce the load on the UPS by moving some of the load to another UPS. 2. Consider moving to a larger UPS to support the current load.		

Table 26-932 IK8552496 - UPS Battery Low

Alarm	Attributes	Applicable major releases
Name: IK8552496 (7325) Type: environmentalAlarm (2) Package: lmg Raised on class: lmg.LMGmngElement	Severity: variable Specific problem: UPS Battery Low (1510) Implicitly cleared: true Default probable cause: lowBatteryThreshold (656)	<ul style="list-style-type: none"> LR14.3.MG
Description: A UPS device is reporting low battery.\nAlarm is cleared by the system.\nReason: cpqRPMTrapUPSBatteryLow		
Remedial action: Perform the following steps to clear the alarm: 1. Check to make sure the UPS is plugged into an outlet supplied with utility power. 2. When utility power is restored, charge the battery to it's full capacity. If the battery level continues to decrease, the UPS will not be able to sustain the output load!		

Table 26-933 IK8552499 - UPS Battery Level Normal

Alarm	Attributes	Applicable major releases
Name: IK8552499 (7326) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGmngElement	Severity: variable Specific problem: UPS Battery Level Normal (1667) Implicitly cleared: false Default probable cause: powerProblem (911)	<ul style="list-style-type: none"> LR14.3.MG
Description: A UPS device is reporting low battery.\nAlarm to be cleared by the operator at the management system.\nReason: cpqRPMTrapUPSBatteryLevelNormal		
Remedial action: Perform the following steps to clear the alarm: 1. Check to make sure the UPS is plugged into an outlet supplied with utility power. 2. When utility power is restored, charge the battery to it's full capacity. If the battery level continues to decrease, the UPS will not be able to sustain the output load!		

Table 26-934 IK8552500 - UPS On Battery

Alarm	Attributes	Applicable major releases
Name: IK8552500 (7327) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGmngElement	Severity: variable Specific problem: UPS On Battery (1668) Implicitly cleared: false Default probable cause: powerProblem (911)	<ul style="list-style-type: none"> LR14.3.MG
Description: A UPS device is reporting on battery condition.\nAlarm to be cleared by the operator at the management system.\nReason: cpqRPMTrapUPSONBattery		
Remedial action: Perform the following steps to clear the alarm: 1. Check to make sure the UPS is plugged into an outlet supplied with utility power. If the UPS remains on battery for an extended time it will not be able to sustain the output load!		

Table 26-935 IK8552502 - UPS On Buck

Alarm	Attributes	Applicable major releases
Name: IK8552502 (7328) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGmngElement	Severity: variable Specific problem: UPS On Buck (1669) Implicitly cleared: false Default probable cause: powerProblem (911)	<ul style="list-style-type: none"> LR14.3.MG
Description: A UPS device is reporting an On Buck condition due to the following. 1. Utility power has increased above recommended utility input levels.\nAlarm to be cleared by the operator at the management system.\nReason: cpqRPMTrapUPSONBuck		
Remedial action: Perform the following steps to clear the alarm: 1. Contact an electrician.		

Table 26-936 IK8552503 - UPS On Boost

Alarm	Attributes	Applicable major releases
Name: IK8552503 (7329) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGmngElement	Severity: variable Specific problem: UPS On Boost (1670) Implicitly cleared: false Default probable cause: powerProblem (911)	<ul style="list-style-type: none"> LR14.3.MG
Description: A UPS device is reporting an On Boost condition due to the following. 1. Utility power has dropped below recommended utility input levels.\nAlarm to be cleared by the operator at the management system.\nReason: cpqRPMTrapUPSONBoost		
Remedial action: Perform the following steps to clear the alarm: 1. Contact an electrician.		

Table 26-937 IK8552504 - UPS On Utility Power

Alarm	Attributes	Applicable major releases
Name: IK8552504 (7330) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGmngElement	Severity: variable Specific problem: UPS On Utility Power (1671) Implicitly cleared: false Default probable cause: powerProblem (911)	<ul style="list-style-type: none"> LR14.3.MG
Description: A UPS device is reporting on battery condition.\nAlarm to be cleared by the operator at the management system.\nReason: cpqRPMTrapUPSOnUtilityPower		
Remedial action: Perform the following steps to clear the alarm: 1. Check to make sure the UPS is plugged into an outlet supplied with utility power. If the UPS remains on battery for an extended time it will not be able to sustain the output load!		

Table 26-938 IK8552506 - UPS Temperature High

Alarm	Attributes	Applicable major releases
Name: IK8552506 (7331) Type: environmentalAlarm (2) Package: lmg Raised on class: lmg.LMGmngElement	Severity: variable Specific problem: UPS Temperature High (1672) Implicitly cleared: false Default probable cause: temperatureUnacceptable (721)	<ul style="list-style-type: none"> LR14.3.MG
Description: A UPS device is reporting temperature above maximum threshold.\nAlarm to be cleared by the operator at the management system.\nReason: cpqRPMTrapUPSTemperatureHigh		
Remedial action: If the problem persists, contact Alcatel-Lucent customer support.		

Table 26-939 IK8552507 - UPS Temperature Normal

Alarm	Attributes	Applicable major releases
Name: IK8552507 (7332) Type: environmentalAlarm (2) Package: lmg Raised on class: lmg.LMGmngElement	Severity: variable Specific problem: UPS Temperature Normal (1673) Implicitly cleared: false Default probable cause: temperatureUnacceptable (721)	<ul style="list-style-type: none"> LR14.3.MG
Description: A UPS device is reporting temperature is out of range.\nAlarm to be cleared by the operator at the management system.\nReason: cpqRPMTrapUPSTemperatureNormal		
Remedial action: Perform the following steps to clear the alarm: 1. Check to make sure the UPS is in a well ventilated area. 2. Lower the ambient temperature in the area where the UPS is located.		

Table 26-940 IK8552508 - UPS Internal Failure

Alarm	Attributes	Applicable major releases
Name: IK8552508 (7333) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGmngElement	Severity: variable Specific problem: UPS Internal Failure (1674) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> LR14.3.MG
Description: A UPS device is reporting a general UPS failure.\nAlarm is cleared by the system.\nReason: cpqRPMTrapUPSInternalFailure		
Remedial action: Perform the following steps to clear the alarm: 1. Initiate a UPS self test. 2. If this error persists contact technical support.		

Table 26-941 IK8552510 - UPS Battery Failure

Alarm	Attributes	Applicable major releases
Name: IK8552510 (7334) Type: environmentalAlarm (2) Package: lmg Raised on class: lmg.LMGmngElement	Severity: variable Specific problem: UPS Battery Failure (1675) Implicitly cleared: true Default probable cause: batteryFailure (649)	<ul style="list-style-type: none"> LR14.3.MG
Description: A UPS device is reporting a battery failure.\nAlarm is cleared by the system.\nReason: cpqRPMTrapUPSBatteryFailure		
Remedial action: Perform the following steps to clear the alarm: 1. Initiate a UPS self test. 2. If this error persists contact technical support. 3. Your battery may need to be replaced. The UPS may not be capable of supporting it's load if utility power fails!		

Table 26-942 IK8552512 - UPS Diagnostic Test Failed

Alarm	Attributes	Applicable major releases
Name: IK8552512 (7335) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGmngElement	Severity: variable Specific problem: UPS Diagnostic Test Failed (1676) Implicitly cleared: false Default probable cause: powerProblem (911)	<ul style="list-style-type: none"> LR14.3.MG
Description: A UPS device is reporting a diagnostic test failed.\nAlarm to be cleared by the operator at the management system.\nReason: cpqRPMTrapUPSDiagnosticTestFailed		
Remedial action: Perform the following steps to clear the alarm: 1. Your battery may need to be replaced. 2. If this error persists contact technical support. 3. The UPS may not be capable of supporting it's load if utility power fails!		

Table 26-943 IK8552513 - UPS Diagnostic Test Succeeded

Alarm	Attributes	Applicable major releases
Name: IK8552513 (7336) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGmngElement	Severity: variable Specific problem: UPS Diagnostic Test Succeeded (1677) Implicitly cleared: false Default probable cause: powerProblem (911)	<ul style="list-style-type: none"> LR14.3.MG
Description: A UPS device is reporting a diagnostic test failed.\nAlarm to be cleared by the operator at the management system.\nReason: cpqRPMTrapUPSDiagnosticTestSucceeded		
Remedial action: Perform the following steps to clear the alarm: 1. Your battery may need to be replaced. 2. If this error persists contact technical support. 3. The UPS may not be capable of supporting it's load if utility power fails!		

Table 26-944 IK8552516 - DC Start Occurred

Alarm	Attributes	Applicable major releases
Name: IK8552516 (7337) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGmngElement	Severity: variable Specific problem: DC Start Occurred (1678) Implicitly cleared: true Default probable cause: powerProblem (911)	<ul style="list-style-type: none"> LR14.3.MG
Description: The UPS has been started on battery when AC input power is not present. This alarm is used to record the date and time of this event.\nAlarm is cleared by the system.\nReason: cpqRPMTrapUPSDCStartOccurred		
Remedial action: If the problem persists, contact Alcatel-Lucent customer support.		

Table 26-945 IK8552518 - Bypass Not Available

Alarm	Attributes	Applicable major releases
Name: IK8552518 (7338) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGmngElement	Severity: variable Specific problem: Bypass Not Available (1679) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> LR14.3.MG
Description: A UPS device is reporting bypass not available.\nAlarm is cleared by the system.\nReason: cpqRPMTrapUPSByPassNotAvailable		
Remedial action: Perform the following steps to clear the alarm: 1. Initiate a UPS self test. 2. If this error persists contact technical support.		

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Table 26-946 IK8552522 - Utility Not Present

Alarm	Attributes	Applicable major releases
Name: IK8552522 (7339) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGmngElement	Severity: variable Specific problem: Utility Not Present (1680) Implicitly cleared: true Default probable cause: powerProblem (911)	<ul style="list-style-type: none"> LR14.3.MG
Description: Indicates that the utility input is not present. This differs from alarm #57 in that the detected voltage is zero in this case. Alarm is cleared by the system. Reason: cpqRPMTrapUPSUtilityNotPresent		
Remedial action: If the problem persists, contact Alcatel-Lucent customer support.		

Table 26-947 IK8552526 - Site Wiring Fault

Alarm	Attributes	Applicable major releases
Name: IK8552526 (7340) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGmngElement	Severity: variable Specific problem: Site Wiring Fault (1681) Implicitly cleared: false Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> LR14.3.MG
Description: A UPS device is reporting a fault in the input wiring, other than Phase Rotation: e.g., Ground/Neutral reversed. Alarm to be cleared by the operator at the management system. Reason: cpqRPMTrapUPSSiteWiringFault		
Remedial action: Perform the following steps to clear the alarm: 1. Contact an electrician.		

Table 26-948 IK8552527 - Site Wiring Fault Cleared

Alarm	Attributes	Applicable major releases
Name: IK8552527 (7341) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGmngElement	Severity: variable Specific problem: Site Wiring Fault Cleared (1682) Implicitly cleared: false Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> LR14.3.MG
Description: A UPS device is reporting a fault in the input wiring, other than Phase Rotation: e.g., Ground/Neutral reversed. Alarm to be cleared by the operator at the management system. Reason: cpqRPMTrapUPSSiteWiringNormal		
Remedial action: Perform the following steps to clear the alarm: 1. Contact an electrician.		

Table 26-949 IK8552528 - The UPS is no longer on manual bypass

Alarm	Attributes	Applicable major releases
Name: IK8552528 (7342) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGmngElement	Severity: variable Specific problem: The UPS is no longer on manual bypass (1683) Implicitly cleared: false Default probable cause: powerProblem (911)	<ul style="list-style-type: none"> LR14.3.MG
Description: A UPS device is operating in manual bypass mode.\nAlarm to be cleared by the operator at the management system.\nReason: cpqRPMtrapUPSByPassOffManual		
Remedial action: Perform the following steps to clear the alarm: 1. In bypass mode, the UPS cannot support devices if there is a power failure. 2. Once maintenance has been performed return the UPS to normal mode.		

Table 26-950 IK8552529 - The UPS is on manual bypass

Alarm	Attributes	Applicable major releases
Name: IK8552529 (7343) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGmngElement	Severity: variable Specific problem: The UPS is on manual bypass (1684) Implicitly cleared: false Default probable cause: powerProblem (911)	<ul style="list-style-type: none"> LR14.3.MG
Description: A UPS device is operating in manual bypass mode.\nAlarm to be cleared by the operator at the management system.\nReason: cpqRPMtrapUPSByPassONManual		
Remedial action: Perform the following steps to clear the alarm: 1. In bypass mode, the UPS cannot support devices if there is a power failure. 2. Once maintenance has been performed return the UPS to normal mode.		

Table 26-951 IK8552531 - The UPS was started without utility power

Alarm	Attributes	Applicable major releases
Name: IK8552531 (7344) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGmngElement	Severity: variable Specific problem: The UPS was started without utility power (1685) Implicitly cleared: true Default probable cause: powerProblem (911)	<ul style="list-style-type: none"> LR14.3.MG
Description: A UPS device has been started while on battery power. AC input power is not present.\nAlarm is cleared by the system.\nReason: cppoRPMtrapUPSStartedOnBattery		
Remedial action: Perform the following steps to clear the alarm: 1. Check to make sure the UPS is plugged into an outlet supplied with utility power. If the UPS remains on battery for an extended time it will not be able to sustain the output load.		

Table 26-952 IK8552533 - Input voltage is out of range

Alarm	Attributes	Applicable major releases
Name: IK8552533 (7345) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGmngElement	Severity: variable Specific problem: Input voltage is out of range (1686) Implicitly cleared: true Default probable cause: powerProblem (911)	<ul style="list-style-type: none"> LR14.3.MG
Description: A UPS device is reporting input voltage is out of range.\nAlarm is cleared by the system.\nReason: cpqRPMtrapUPSInputOutOfRange		
Remedial action: Perform the following steps to clear the alarm: 1. Check to make sure the UPS is plugged into an outlet supplied with utility power. 2. If the UPS remains on battery for an extended period of time it will not be able to sustain the load.		

Table 26-953 IK8552534 - UPS temperature out of range

Alarm	Attributes	Applicable major releases
Name: IK8552534 (7346) Type: environmentalAlarm (2) Package: lmg Raised on class: lmg.LMGmngElement	Severity: variable Specific problem: UPS temperature out of range (1687) Implicitly cleared: true Default probable cause: temperatureUnacceptable (721)	<ul style="list-style-type: none"> LR14.3.MG
Description: A UPS device is reporting temperature is out of range.\nAlarm is cleared by the system.\nReason: cpqRPMtrapUPSTemperatureOutOfRange		
Remedial action: Perform the following steps to clear the alarm: 1. Check to make sure the UPS is in a well ventilated area. 2. Lower the ambient temperature in the area where the UPS is located.		

Table 26-954 IK8552536 - The UPS is on automatic bypass

Alarm	Attributes	Applicable major releases
Name: IK8552536 (7347) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGmngElement	Severity: variable Specific problem: The UPS is on automatic bypass (1688) Implicitly cleared: true Default probable cause: powerProblem (911)	<ul style="list-style-type: none"> LR14.3.MG
Description: A UPS device is operating in auto bypass mode.\nAlarm is cleared by the system.\nReason: cpqRPMtrapUPSByPassOnAuto		
Remedial action: Perform the following steps to clear the alarm: 1. In bypass mode, the UPS cannot support devices if there is a power failure. 2. Once maintenance has been performed return the UPS to normal mode.		

Table 26-955 IK8552538 - Output voltage is out of range

Alarm	Attributes	Applicable major releases
Name: IK8552538 (7348) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGmngElement	Severity: variable Specific problem: Output voltage is out of range (1689) Implicitly cleared: false Default probable cause: powerProblem (911)	<ul style="list-style-type: none"> LR14.3.MG
Description: A UPS device is reporting output voltage is out of Range.\nAlarm to be cleared by the operator at the management system.\nReason: cpqRPMtrapUPSOutputoutofRange		
Remedial action: Perform the following steps to clear the alarm: 1. Initiate a UPS self test. 2. If this error persists contact technical support.		

Table 26-956 IK8552539 - One or more UPS batteries have been disconnected

Alarm	Attributes	Applicable major releases
Name: IK8552539 (7349) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGmngElement	Severity: variable Specific problem: One or more UPS batteries have been disconnected (1690) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> LR14.3.MG
Description: A UPS device is reporting batteries are not connected to the UPS.\nAlarm is cleared by the system.\nReason: cpqRPMTrapUPSbatteriesDisconnected		
Remedial action: Perform the following steps to clear the alarm: 1. Connect the UPS Batteries. The UPS will not be capable of supporting it's load if the utility power fails!		

Table 26-957 IK8552541 - The UPS batteries are in a discharged condition

Alarm	Attributes	Applicable major releases
Name: IK8552541 (7350) Type: environmentalAlarm (2) Package: lmg Raised on class: lmg.LMGmngElement	Severity: variable Specific problem: The UPS batteries are in a discharged condition (1691) Implicitly cleared: true Default probable cause: batteryDischarging (648)	<ul style="list-style-type: none"> LR14.3.MG
Description: A UPS device is reporting batteries are completely discharged.\nAlarm is cleared by the system.\nReason: cpqRPMTrapUPSbatteryDischarged		
Remedial action: Perform the following steps to clear the alarm: 1. Connect the UPS to utility power to charge the batteries. The UPS will not be able to support it's load if the utility power fails!		

Table 26-958 IK8552543 - A UPS circuit breaker needs attention

Alarm	Attributes	Applicable major releases
Name: IK8552543 (7351) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGmngElement	Severity: variable Specific problem: A UPS circuit breaker needs attention (1692) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> LR14.3.MG
Description: A UPS device is reporting an output Breaker or Relay has failed or may be stuck open or closed with this alarm.\nAlarm is cleared by the system.\nReason: cpqRPMTrapUPSCheckBreaker		
Remedial action: Perform the following steps to clear the alarm: 1. Check all breakers on the UPS. 2. If this error persists contact technical support.		

Table 26-959 IK8552545 - Emergency Power Off activated

Alarm	Attributes	Applicable major releases
Name: IK8552545 (7352) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGmngElement	Severity: variable Specific problem: Emergency Power Off activated (1693) Implicitly cleared: false Default probable cause: powerProblem (911)	<ul style="list-style-type: none"> LR14.3.MG
Description: A UPS device is reporting an Emergency Power Off (EPO) command has been received to shutdown the UPS immediately with out delay. This command may come from a local control panel or from a remote source.\nAlarm to be cleared by the operator at the management system.\nReason: cpqRPMTrapUPSEPOInitiated		
Remedial action: Perform the following steps to clear the alarm: 1. Turn the UPS on to reapply power to attached equipment.		

Table 26-960 IK8552548 - A cover panel has been removed

Alarm	Attributes	Applicable major releases
Name: IK8552548 (7353) Type: environmentalAlarm (2) Package: lmg Raised on class: lmg.LMGmngElement	Severity: variable Specific problem: A cover panel has been removed (1694) Implicitly cleared: true Default probable cause: enclosureDoorOpen (900)	<ul style="list-style-type: none"> LR14.3.MG
Description: A UPS device is reporting a cover panel has been removed while utility power is present.\nAlarm is cleared by the system.\nReason: cpqRPMTrapUPSCabinetDoorOpen		
Remedial action: Perform the following steps to clear the alarm: 1. Reinstall all panels. 2. If this error persists contact technical support.		

Table 26-961 IK8552550 - The UPS has encountered an fan failure

Alarm	Attributes	Applicable major releases
Name: IK8552550 (7354) Type: environmentalAlarm (2) Package: lmg Raised on class: lmg.LMGmngElement	Severity: variable Specific problem: The UPS has encountered an fan failure (1695) Implicitly cleared: true Default probable cause: coolingFanFailure (651)	<ul style="list-style-type: none"> LR14.3.MG
Description: A UPS device is reporting a fan failure has occurred.\nAlarm is cleared by the system.\nReason: cpqRPMTrapUPSfanFailure		
Remedial action: Perform the following steps to clear the alarm: 1. If this error persists contact technical support.		

Table 26-962 IK8552552 - The UPS N+1 load has been exceeded

Alarm	Attributes	Applicable major releases
Name: IK8552552 (7355) Type: processingErrorAlarm (81) Package: lmg Raised on class: lmg.LMGmngElement	Severity: variable Specific problem: The UPS N+1 load has been exceeded (1696) Implicitly cleared: true Default probable cause: configurationOrCustomizationError (902)	<ul style="list-style-type: none"> LR14.3.MG
Description: A UPS device is reporting a loss of redundancy due to one of the following. 1. One or more of the Electronics Modules has failed 2. One or more of the electronics modules has been manually removed. 3. The amount of load on the UPS has increased to the point that the UPS is no longer able to support an N+1 configuration.\nAlarm is cleared by the system.\nReason: cpqRPMTrapUPSlossOfRedundancy		
Remedial action: Perform the following steps to clear the alarm: 1. Check the UPS to see if one of the modules has failed. 2. Make sure that all modules are securely plugged in. 3. Reduce the load to return the N+1 configuration. 4. If the amount of load is now going to exceed and N+1 configuration permanently, change the configuration on the front panel of the UPS to Capacity instead of Parallel N+1.		

Table 26-963 IK8552554 - A UPS shutdown is imminent

Alarm	Attributes	Applicable major releases
Name: IK8552554 (7356) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGmngElement	Severity: variable Specific problem: A UPS shutdown is imminent (1697) Implicitly cleared: true Default probable cause: powerProblem (911)	<ul style="list-style-type: none"> LR14.3.MG
Description: A UPS device is reporting a shutdown imminent condition.\nAlarm is cleared by the system.\nReason: cpqRPMTrapUPSshutdownImminent		
Remedial action: Perform the following steps to clear the alarm: 1. Immediately restore power to the UPS. The UPS will not continue to supply power to devices following the shutdown!		

Table 26-964 IK8552556 - A UPS shutdown is pending

Alarm	Attributes	Applicable major releases
Name: IK8552556 (7357) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGmngElement	Severity: variable Specific problem: A UPS shutdown is pending (1698) Implicitly cleared: true Default probable cause: powerProblem (911)	<ul style="list-style-type: none"> LR14.3.MG
Description: A UPS device is reporting shutdown pending condition.\nAlarm is cleared by the system.\nReason: cpqRPMTrapUPSShutdownPending		
Remedial action: Perform the following steps to clear the alarm: 1. Immediately restore power to the UPS. The UPS will not continue to supply power to devices following the shutdown!		

Table 26-965 IK8552559 - Critical Alarm

Alarm	Attributes	Applicable major releases
Name: IK8552559 (7358) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGmngElement	Severity: critical Specific problem: Critical Alarm (1483) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> LR14.3.MG
Description: A critical alarm has occurred.\nAlarm is cleared by the system.\nReason: cpqPMTrapCritical		
Remedial action: Check the Trap Details for more information.		

Table 26-966 IK8552560 - Warning Alarm

Alarm	Attributes	Applicable major releases
Name: IK8552560 (7359) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGmngElement	Severity: warning Specific problem: Warning Alarm (1699) Implicitly cleared: false Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> LR14.3.MG
Description: A warning alarm has occurred.\nAlarm to be cleared by the operator at the management system.\nReason: cpqPMTrapWarning		
Remedial action: Check the Trap Details for more information.		

Table 26-967 IK8552585 - Tape Drive Cleaning Required

Alarm	Attributes	Applicable major releases
Name: IK8552585 (7360) Type: processingErrorAlarm (81) Package: Img Raised on class: Img.LMGmngElement	Severity: warning Specific problem: Tape Drive Cleaning Required (1633) Implicitly cleared: false Default probable cause: configurationOrCustomizationError (902)	<ul style="list-style-type: none"> LR14.3.MG
Description: Tape Drive Cleaning Required trap. The agent has detected a tape drive that needs to have a cleaning tape inserted and run. This will cause the tape drive heads to be cleaned.\nAlarm to be cleared by the operator at the management system.\nReason: cpqTape3PhyDrvCleaningRequired		
Remedial action: Insert and run a cleaning tape in the tape drive.		

Table 26-968 IK8552586 - Tape Drive Cleaning Tape Needs Replacing

Alarm	Attributes	Applicable major releases
Name: IK8552586 (7361) Type: equipmentAlarm (3) Package: Img Raised on class: Img.LMGmngElement	Severity: warning Specific problem: Tape Drive Cleaning Tape Needs Replacing (1632) Implicitly cleared: false Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> LR14.3.MG
Description: Tape Drive Cleaning Tape Needs Replacing. The agent has detected that an autoloader tape unit has a cleaning tape that has been fully used and therefore needs to be replaced with a new cleaning tape.\nAlarm to be cleared by the operator at the management system.\nReason: cpqTape3PhyDrvCleanTapeReplace		
Remedial action: Replace the Tape Drive Cleaning Tape.		

Table 26-969 IK8552590 - Tape Library Door Opened

Alarm	Attributes	Applicable major releases
Name: IK8552590 (7362) Type: environmentalAlarm (2) Package: Img Raised on class: Img.LMGmngElement	Severity: minor Specific problem: Tape Library Door Opened (1700) Implicitly cleared: false Default probable cause: enclosureDoorOpen (900)	<ul style="list-style-type: none"> LR14.3.MG
Description: Tape Library Door Open The agent has detected that the door on an autoloader is open so the unit is not operational.\nAlarm to be cleared by the operator at the management system.\nReason: cpqTape3LibraryDoorOpen		
Remedial action: Close the door on the tape library.		

Table 26-970 IK8552606 - System hood is removed

Alarm	Attributes	Applicable major releases
Name: IK8552606 (7363) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGmngElement	Severity: warning Specific problem: System hood is removed (1701) Implicitly cleared: false Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> LR14.3.MG
Description: System hood is removed. The hood status has been set to removed. The system's hood is not in a properly installed state. This situation may result in improper cooling of the system due to air flow changes caused by the missing hood. Alarm to be cleared by the operator at the management system. Reason: cpqSiHoodRemoved		
Remedial action: Replace the cover (hood), ensure the system's cover is properly installed. Verify the system is in working order.		

Table 26-971 IK8552608 - Monitor Condition Degraded

Alarm	Attributes	Applicable major releases
Name: IK8552608 (7364) Type: environmentalAlarm (2) Package: lmg Raised on class: lmg.LMGmngElement	Severity: minor Specific problem: Monitor Condition Degraded (1702) Implicitly cleared: false Default probable cause: temperatureUnacceptable (721)	<ul style="list-style-type: none"> LR14.3.MG
Description: A fault reporting feature has exceeded normal limits for the monitor indicated by the cpqSiMonitorIndex. The monitor's condition is degraded due to the internal temperature exceeding normal operating limits. The monitor is still useable, but action should be taken to return the condition to OK. Alarm to be cleared by the operator at the management system. Reason: cpqSiMonitorConditionDegraded		
Remedial action: Physically check for obstructions to air flow around the monitor. Check the thermostat in the room that the system occupies. Allow the monitor to cool by turning off the monitor for 5 minutes then turn the monitor back on. After the monitor cools, another alarm indicating an improving condition, such as Monitor OK, will be issued.		

Table 26-972 IK8552609 - Monitor Condition Failed

Alarm	Attributes	Applicable major releases
Name: IK8552609 (7365) Type: processingErrorAlarm (81) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: Monitor Condition Failed (1484) Implicitly cleared: false Default probable cause: applicationSubsystemFailure (689)	<ul style="list-style-type: none"> LR14.3.MG
Description: A fault reporting feature has exceeded normal limits in the monitor indicated by the cpqSiMonitorIndex. The monitor's condition has been set to failed due to an operational feature exceeding normal operating limits. The monitor will not be useable and should be replaced. Alarm to be cleared by the operator at the management system. Reason: cpqSiMonitorConditionFailed		
Remedial action: Make a note of the monitor model number and serial number. Replace the monitor. Refer to the appropriate Maintenance and Service Guide for detailed information on a component replacement.		

Table 26-973 IK8552610 - Excessive Correctable Memory Errors

Alarm	Attributes	Applicable major releases
Name: IK8552610 (7366) Type: processingErrorAlarm (81) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: Excessive Correctable Memory Errors (1485) Implicitly cleared: false Default probable cause: memoryMismatch (680)	<ul style="list-style-type: none"> LR14.3.MG
Description: Correctable memory error count has exceeded the threshold for the memory module indicated by the 'cpqSiMemErrorIndex' variable. The appropriate cpqSiMemModuleECCstatus has been set to degraded.\nAlarm to be cleared by the operator at the management system.\nReason: cpqSiCorrMemErrStatusDegraded		
Remedial action: For Desktops, the System Administrator should run the F10 Diagnostics on this system and select RAM LONG TEST. If it is determined that a module needs replacing, schedule maintenance for the system and replace the failed memory module. Refer to the appropriate Maintenance and Service Guide for detailed information on a component replacement.		

Table 26-974 IK8552612 - Memory modules have changed

Alarm	Attributes	Applicable major releases
Name: IK8552612 (7367) Type: processingErrorAlarm (81) Package: lmg Raised on class: lmg.LMGmngElement	Severity: warning Specific problem: Memory modules have changed (1703) Implicitly cleared: false Default probable cause: memoryMismatch (680)	<ul style="list-style-type: none"> LR14.3.MG
Description: A memory configuration change has occurred. CpqSiMemConfigChangeData will indicate which memory modules slots have changed.\nAlarm to be cleared by the operator at the management system.\nReason: cpqSiMemConfigChange		
Remedial action: You may want to verify a valid reason for a memory configuration to have occurred. If system issuing the alert is a Desktop running NT, the memory configuration change information is also logged in the NT System Log.		

Table 26-975 IK8552615 - Hot Plug Slot Board Failed

Alarm	Attributes	Applicable major releases
Name: IK8552615 (7368) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: Hot Plug Slot Board Failed (1486) Implicitly cleared: false Default probable cause: powerProblem (911)	<ul style="list-style-type: none"> LR14.3.MG
Description: Hot Plug Slot Board Failed Power-Up. A Hot Plug Slot Board has failed to power-up in the specified chassis and slot.\nAlarm to be cleared by the operator at the management system.\nReason: cpqSiHotPlugSlotPowerUpFailed		
Remedial action: Insure the board and all cables are installed correctly and the board type and revision are the same as the replaced board.		

Table 26-976 IK8552616 - Battery Failure

Alarm	Attributes	Applicable major releases
Name: IK8552616 (7369) Type: environmentalAlarm (2) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: Battery Failure (235) Implicitly cleared: false Default probable cause: batteryFailure (649)	<ul style="list-style-type: none"> LR14.3.MG
Description: The battery indicated by cpqSiSysBatteryIndex has failed and must be replaced. \nAlarm to be cleared by the operator at the management system. \nReason: cpqSiSysBatteryFailure		
Remedial action: Contact your System Administrator or Authorized Reseller to order a replacement battery. Recycle your old battery. For proper disposal information, refer to the documentation that came with your computer.		

Table 26-977 IK8552617 - Battery Charging Degradation

Alarm	Attributes	Applicable major releases
Name: IK8552617 (7370) Type: environmentalAlarm (2) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: Battery Charging Degradation (1487) Implicitly cleared: false Default probable cause: lowBatteryThreshold (656)	<ul style="list-style-type: none"> LR14.3.MG
Description: Significant battery degradation has occurred with battery indicated by cpqSiSysBatteryIndex. The battery can no longer be fully recharged. \nAlarm to be cleared by the operator at the management system. \nReason: cpqSiSysBatteryChargingDegraded		
Remedial action: If using multiple batteries, run the Power Conservation Utility to identify the battery location. Contact your System Administrator or Authorized Reseller to order a replacement battery.		

Table 26-978 IK8552618 - Battery Calibration Error

Alarm	Attributes	Applicable major releases
Name: IK8552618 (7371) Type: environmentalAlarm (2) Package: lmg Raised on class: lmg.LMGmngElement	Severity: warning Specific problem: Battery Calibration Error (1704) Implicitly cleared: false Default probable cause: batteryFailure (649)	<ul style="list-style-type: none"> LR14.3.MG
Description: Calibration is needed with battery indicated by cpqSiSysBatteryIndex. The battery can not correctly indicate capacity. \nAlarm to be cleared by the operator at the management system. \nReason: cpqSiSysBatteryCalibrationError		
Remedial action: Run the Power Conservation Utility. Contact your System Administrator or Authorized Reseller to order a replacement battery.		

Table 26-979 IK8552619 - Server Reset Detected

Alarm	Attributes	Applicable major releases
Name: IK8552619 (7372) Type: processingErrorAlarm (81) Package: lmg Raised on class: lmg.LMGmngElement	Severity: warning Specific problem: Server Reset Detected (1705) Implicitly cleared: false Default probable cause: softwareError (718)	<ul style="list-style-type: none"> LR14.3.MG
Description: Server Reset Detected. The Remote Insight/ Integrated Lights-Out firmware has detected a server reset.\nAlarm to be cleared by the operator at the management system.\nReason: cpqSm2ServerReset		
Remedial action: If the problem persists, contact Alcatel-Lucent customer support.		

Table 26-980 IK8552620 - Server Power Outage

Alarm	Attributes	Applicable major releases
Name: IK8552620 (7373) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: Server Power Outage (1488) Implicitly cleared: false Default probable cause: powerProblem (911)	<ul style="list-style-type: none"> LR14.3.MG
Description: Server Power Outage. The Remote Insight/ Integrated Lights-Out firmware has detected server power failure.\nAlarm to be cleared by the operator at the management system.\nReason: cpqSm2ServerPowerOutage		
Remedial action: Check the server's power source.		

Table 26-981 IK8552621 - Out Unauthorized Login Attempts

Alarm	Attributes	Applicable major releases
Name: IK8552621 (7374) Type: securityServiceOrMechanismViolation (92) Package: lmg Raised on class: lmg.LMGmngElement	Severity: warning Specific problem: Out Unauthorized Login Attempts (1706) Implicitly cleared: false Default probable cause: unauthorizedAccessAttempt (800)	<ul style="list-style-type: none"> LR14.3.MG
Description: Remote Insight/ Integrated Lights-Out Unauthorized Login Attempts. The Remote Insight/ Integrated Lights-Out firmware has detected unauthorized login attempts.\nAlarm to be cleared by the operator at the management system.\nReason: cpqSm2UnauthorizedLoginAttempts		
Remedial action: Check the iLO log for more information on the login failure.		

Table 26-982 IK8552622 - Remote Insight Battery Failed

Alarm	Attributes	Applicable major releases
Name: IK8552622 (7375) Type: environmentalAlarm (2) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: Remote Insight Battery Failed (1489) Implicitly cleared: false Default probable cause: batteryFailure (649)	<ul style="list-style-type: none"> LR14.3.MG
Description: Remote Insight Battery Failed. The Remote Insight battery has failed and needs to be replaced.\nAlarm to be cleared by the operator at the management system.\nReason: cpqSm2BatteryFailed		
Remedial action: replace the failing Remote Insight battery.		

Table 26-983 IK8552628 - Remote Insight external power cable disconnected

Alarm	Attributes	Applicable major releases
Name: IK8552628 (7376) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: Remote Insight external power cable disconnected (1490) Implicitly cleared: false Default probable cause: powerProblem (911)	<ul style="list-style-type: none"> LR14.3.MG
Description: External Power Cable Disconnected. The Remote Insight external power cable has been disconnected.\nAlarm to be cleared by the operator at the management system.\nReason: cpqSm2ExternalPowerCableDisconnected		
Remedial action: check External Power Cable		

Table 26-984 IK8552630 - Security override engaged

Alarm	Attributes	Applicable major releases
Name: IK8552630 (7377) Type: processingErrorAlarm (81) Package: lmg Raised on class: lmg.LMGmngElement	Severity: warning Specific problem: Security override engaged (1707) Implicitly cleared: false Default probable cause: softwareError (718)	<ul style="list-style-type: none"> LR14.3.MG
Description: Security Override Engaged. The Remote Insight/ Integrated Lights-Out firmware has detected the security override jumper has been toggled to the engaged position.\nAlarm to be cleared by the operator at the management system.\nReason: cpqSm2SecurityOverrideEngaged		
Remedial action: If the problem persists, contact Alcatel-Lucent customer support.		

Table 26-985 IK8552631 - Security override disengaged

Alarm	Attributes	Applicable major releases
Name: IK8552631 (7378) Type: processingErrorAlarm (81) Package: lmg Raised on class: lmg.LMGmngElement	Severity: warning Specific problem: Security override disengaged (1708) Implicitly cleared: false Default probable cause: softwareError (718)	<ul style="list-style-type: none"> LR14.3.MG
Description: Security Override Disengaged. The Remote Insight/ Integrated Lights-Out firmware has detected the security override jumper has been toggled to the disengaged position.\nAlarm to be cleared by the operator at the management system.\nReason: cpqSm2SecurityOverrideDisengaged		
Remedial action: If the problem persists, contact Alcatel-Lucent customer support.		

Table 26-986 IK8552632 - Server Fatal Error Detected

Alarm	Attributes	Applicable major releases
Name: IK8552632 (7379) Type: processingErrorAlarm (81) Package: lmg Raised on class: lmg.LMGmngElement	Severity: critical Specific problem: Server Fatal Error Detected (1491) Implicitly cleared: false Default probable cause: softwareError (718)	<ul style="list-style-type: none"> LR14.3.MG
Description: Server Fatal Error Detected. The Remote Insight/ Integrated Lights-Out firmware has detected a server fatal error.\nAlarm to be cleared by the operator at the management system.\nReason: cpqSm2ServerFatalError		
Remedial action: If the problem persists, contact Alcatel-Lucent customer support.		

Table 26-987 IK8552633 - The iLO NIC Link is Down

Alarm	Attributes	Applicable major releases
Name: IK8552633 (7380) Type: communicationsAlarm (4) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: The iLO NIC Link is Down (1492) Implicitly cleared: true Default probable cause: communicationsSubsystemFailure (915)	<ul style="list-style-type: none"> LR14.3.MG
Description: The iLO NIC Link is Down. The Remote Insight/ Integrated Lights-Out firmware has detected the loss of network link.\nAlarm is cleared by the system.\nReason: cpqSm2NicLinkDown		
Remedial action: Check the network connections for the iLO.		

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Table 26-988 IK8552647 - PC Card Thermal Degraded Status

Alarm	Attributes	Applicable major releases
Name: IK8552647 (7381) Type: qualityOfServiceAlarm (82) Package: lmg Raised on class: lmg.LMGmngElement	Severity: minor Specific problem: PC Card Thermal Degraded Status (1709) Implicitly cleared: false Default probable cause: performanceDegraded (710)	<ul style="list-style-type: none"> LR14.3.MG
Description: This alarm is sent when the PC Card Slot Thermal Sensor threshold has been exceeded for safe operations thereby causing degraded operations. This alarm will be sent when cpqSePCCardStatus transitions from Normal (1) to Thermal Degraded (2). The manufacturer and product information strings as well as the slot number for the degraded PC Card is provided as parameters for this trap.\nAlarm to be cleared by the operator at the management system.\nReason: cpqSePCCardThermalDegraded		
Remedial action: If the problem persists, contact Alcatel-Lucent customer support.		

Table 26-989 IK8552648 - PC Card Thermal Failure Status

Alarm	Attributes	Applicable major releases
Name: IK8552648 (7382) Type: qualityOfServiceAlarm (82) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: PC Card Thermal Failure Status (1493) Implicitly cleared: false Default probable cause: performanceDegraded (710)	<ul style="list-style-type: none"> LR14.3.MG
Description: This alarm is sent when the PC Card Slot Thermal Sensor threshold has been exceeded for degraded operations thereby causing failed operations. This alarm will be sent when cpqSePCCardStatus transitions from Thermal Degraded (2) to Thermal Failure (3). The manufacturer and product information strings as well as the slot number for the failed PC Card is provided as parameters for this trap.\nAlarm to be cleared by the operator at the management system.\nReason: cpqSePCCardThermalFailure		
Remedial action: If the problem persists, contact Alcatel-Lucent customer support.		

Table 26-990 IK8552657 - Storage System Temperature Failure

Alarm	Attributes	Applicable major releases
Name: IK8552657 (7383) Type: environmentalAlarm (2) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: Storage System Temperature Failure (1494) Implicitly cleared: false Default probable cause: temperatureUnacceptable (721)	<ul style="list-style-type: none"> LR14.3.MG
Description: Storage System temperature failure. The agent has detected that a temperature status has been set to failed. The storage system will be shutdown.\nAlarm to be cleared by the operator at the management system.\nReason: cpqSsTempFailed		
Remedial action: If the problem persists, contact Alcatel-Lucent customer support.		

Table 26-991 IK8552658 - Storage System Temp Degraded

Alarm	Attributes	Applicable major releases
Name: IK8552658 (7384) Type: environmentalAlarm (2) Package: lmg Raised on class: lmg.LMGmngElement	Severity: minor Specific problem: Storage System Temp Degraded (1710) Implicitly cleared: false Default probable cause: temperatureUnacceptable (721)	<ul style="list-style-type: none"> LR14.3.MG
Description: Storage System temperature degraded. The agent has detected a temperature status that has been set to degraded. The storage system's temperature is outside of the normal operating range. \nAlarm to be cleared by the operator at the management system. \nReason: cpqSsTempDegraded		
Remedial action: If the problem persists, contact Alcatel-Lucent customer support.		

Table 26-992 IK8552661 - Storage System side panel is removed

Alarm	Attributes	Applicable major releases
Name: IK8552661 (7385) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGmngElement	Severity: minor Specific problem: Storage System side panel is removed (1711) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> LR14.3.MG
Description: Storage System side panel is removed. The side panel status has been set to removed. The storage system's side panel is not in a properly installed state. This situation may result in improper cooling of the drives in the storage system due to air flow changes caused by the missing side panel. \nAlarm is cleared by the system. \nReason: cpqSsSidePanelRemoved		
Remedial action: If the problem persists, contact Alcatel-Lucent customer support.		

Table 26-993 IK8552662 - Power Supply Degraded

Alarm	Attributes	Applicable major releases
Name: IK8552662 (7386) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGmngElement	Severity: minor Specific problem: Power Supply Degraded (1622) Implicitly cleared: false Default probable cause: powerProblem (911)	<ul style="list-style-type: none"> LR14.3.MG
Description: A storage system power supply status has been set to degraded. \nAlarm to be cleared by the operator at the management system. \nReason: cpqSsPwrSupplyDegraded		
Remedial action: check the storage system power supply		

Table 26-994 IK8552664 - Storage System Temperature Failure

Alarm	Attributes	Applicable major releases
Name: IK8552664 (7387) Type: environmentalAlarm (2) Package: lmg Raised on class: lmg.LMGmngElement	Severity: warning Specific problem: Storage System Temperature Failure (1494) Implicitly cleared: false Default probable cause: temperatureUnacceptable (721)	<ul style="list-style-type: none"> LR14.3.MG
Description: Storage System temperature failure. The agent has detected that a temperature status has been set to failed. The storage system will be shutdown.\nAlarm to be cleared by the operator at the management system.\nReason: cpqSs3TempFailed		
Remedial action: Shutdown the storage system as soon as possible. Insure that the storage system environment is being cooled properly and that no components are overheated.		

Table 26-995 IK8552665 - Storage System Temp Degraded

Alarm	Attributes	Applicable major releases
Name: IK8552665 (7388) Type: environmentalAlarm (2) Package: lmg Raised on class: lmg.LMGmngElement	Severity: warning Specific problem: Storage System Temp Degraded (1710) Implicitly cleared: false Default probable cause: temperatureUnacceptable (721)	<ul style="list-style-type: none"> LR14.3.MG
Description: Storage System temperature degraded. The agent has detected a temperature status that has been set to degraded. The storage system's temperature is outside of the normal operating range.\nAlarm to be cleared by the operator at the management system.\nReason: cpqSs3TempDegraded		
Remedial action: Shutdown the storage system as soon as possible. Insure that the storage system environment is being cooled properly and that no components are overheated.		

Table 26-996 IK8552668 - Storage System side panel is removed

Alarm	Attributes	Applicable major releases
Name: IK8552668 (7389) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGmngElement	Severity: warning Specific problem: Storage System side panel is removed (1711) Implicitly cleared: false Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> LR14.3.MG
Description: Storage System side panel is removed. The side panel status has been set to removed. The storage system's side panel is not in a properly installed state. This situation may result in improper cooling of the drives in the storage system due to air flow changes caused by the missing side panel.\nAlarm to be cleared by the operator at the management system.\nReason: cpqSs3SidePanelRemoved		
Remedial action: Replace the storage system side panel.		

Table 26-997 IK8552669 - Power Supply Degraded

Alarm	Attributes	Applicable major releases
Name: IK8552669 (7390) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGmngElement	Severity: minor Specific problem: Power Supply Degraded (1622) Implicitly cleared: false Default probable cause: powerProblem (911)	<ul style="list-style-type: none"> LR14.3.MG
Description: A storage system power supply status has been set to degraded.\nAlarm to be cleared by the operator at the management system.\nReason: cpqSs3PwrSupplyDegraded		
Remedial action: check the storage system power supply		

Table 26-998 IK8552670 - Power Supply Degraded

Alarm	Attributes	Applicable major releases
Name: IK8552670 (7391) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGmngElement	Severity: warning Specific problem: Power Supply Degraded (1622) Implicitly cleared: false Default probable cause: powerProblem (911)	<ul style="list-style-type: none"> LR14.3.MG
Description: A storage system power supply status has been set to degraded.\nAlarm to be cleared by the operator at the management system.\nReason: cpqSs4PwrSupplyDegraded		
Remedial action: Take action to restore power or replace any failed storage system power supply.		

Table 26-999 IK8552695 - Rising Threshold Passed

Alarm	Attributes	Applicable major releases
Name: IK8552695 (7392) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGmngElement	Severity: minor Specific problem: Rising Threshold Passed (1712) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> LR14.3.MG
Description: Rising Threshold passed. An alarm entry has crossed its rising threshold. The instances of those objects contained within the variable list are those of the alarm entry which generated this trap.\nAlarm is cleared by the system.\nReason: cpqMeRisingAlarm		
Remedial action: If the problem persists, contact Alcatel-Lucent customer support.		

Table 26-1000 IK8552697 - Rising Threshold Passed

Alarm	Attributes	Applicable major releases
Name: IK8552697 (7393) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGmngElement	Severity: warning Specific problem: Rising Threshold Passed (1712) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> LR14.3.MG
Description: Rising Threshold passed. An alarm entry has crossed its rising threshold. The instances of those objects contained within the variable list are those of the alarm entry which generated this trap.\nAlarm is cleared by the system.\nReason: cpqMe2RisingAlarm		
Remedial action: If the problem persists, contact Alcatel-Lucent customer support.		

Table 26-1001 IK8552699 - Rising Threshold Passed

Alarm	Attributes	Applicable major releases
Name: IK8552699 (7394) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGmngElement	Severity: variable Specific problem: Rising Threshold Passed (1712) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> LR14.3.MG
Description: Rising Threshold passed. An alarm entry has crossed its rising threshold. The instances of those objects contained within the variable list are those of the alarm entry which generated this trap.\nAlarm is cleared by the system.\nReason: cpqMeRisingAlarmExtended		
Remedial action: If the problem persists, contact Alcatel-Lucent customer support.		

Table 26-1002 IK8552700 - Falling Threshold Passed

Alarm	Attributes	Applicable major releases
Name: IK8552700 (7395) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGmngElement	Severity: variable Specific problem: Falling Threshold Passed (1713) Implicitly cleared: false Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> LR14.3.MG
Description: Falling Threshold passed. An alarm entry has crossed its falling threshold. The instances of those objects contained within the variable list are those of the alarm entry which generated this trap.\nAlarm to be cleared by the operator at the management system.\nReason: cpqMeFallingAlarmExtended		
Remedial action: If the problem persists, contact Alcatel-Lucent customer support.		

Table 26-1003 IK8552701 - Critical Rising Threshold Passed

Alarm	Attributes	Applicable major releases
Name: IK8552701 (7396) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGmngElement	Severity: variable Specific problem: Critical Rising Threshold Passed (1714) Implicitly cleared: false Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> LR14.3.MG
Description: Critical Rising Threshold passed. An alarm entry has crossed its Critical rising threshold. The instances of those objects contained within the variable list are those of the alarm entry which generated this trap.\nAlarm to be cleared by the operator at the management system.\nReason: cpqMeCriticalRisingAlarmExtended		
Remedial action: If the problem persists, contact Alcatel-Lucent customer support.		

Table 26-1004 IK8552702 - Critical Falling Threshold Passed

Alarm	Attributes	Applicable major releases
Name: IK8552702 (7397) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGmngElement	Severity: variable Specific problem: Critical Falling Threshold Passed (1715) Implicitly cleared: false Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> LR14.3.MG
Description: Critical Falling Threshold passed. An alarm entry has crossed its Critical falling threshold. The instances of those objects contained within the variable list are those of the alarm entry which generated this trap.\nAlarm to be cleared by the operator at the management system.\nReason: cpqMeCriticalFallingAlarmExtended		
Remedial action: If the problem persists, contact Alcatel-Lucent customer support.		

Table 26-1005 IK8552748 - fluteModuleAlarm

Alarm	Attributes	Applicable major releases
Name: IK8552748 (7398) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGmngElement	Severity: variable Specific problem: fluteModuleAlarm (1716) Implicitly cleared: false Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> LR14.3.MG
Description: Alarm notification\nAlarm to be cleared by the operator at the management system.\nReason: fluteModuleAlarm		
Remedial action: If the problem persists, contact Alcatel-Lucent customer support.		

Table 26-1006 IK8554762 - linkDown

Alarm	Attributes	Applicable major releases
Name: IK8554762 (7399) Type: communicationsAlarm (4) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: linkDown (1495) Implicitly cleared: true Default probable cause: communicationsSubsystemFailure (915)	<ul style="list-style-type: none"> LR14.3.MG
Description: A linkDown alarm signifies that the SNMP entity, acting in an agent role, has detected that the ifOperStatus object for one of its communication links is about to enter the down state from some other state (but not from the notPresent state). This other state is indicated by the included value of ifOperStatus.\nAlarm is cleared by the system.\nReason: linkDown		
Remedial action: If the problem persists, contact Alcatel-Lucent customer support.		

Table 26-1007 IK8600124 - Error when trying to add content

Alarm	Attributes	Applicable major releases
Name: IK8600124 (7400) Type: processingErrorAlarm (81) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: Error when trying to add content (1717) Implicitly cleared: true Default probable cause: applicationSubsystemFailure (689)	<ul style="list-style-type: none"> LR14.3.MG
Description: Fails to watch the webdav folder for Delivery Instance ID (variable parameters such as webdav folder, DeliveryInstancelid and cause are also indicated). Alarm is cleared by the system.\nReason: Webdav folder deleted by a third party OR delivery instance deleted by a concurrent request		
Remedial action: Check if the delivery instance has been deleted. Check if the instance is still existing on the Broadcast Delivery Server, and that a Delete has not been concurrently performed.		

Table 26-1008 IK8600132 - case 1

Alarm	Attributes	Applicable major releases
Name: IK8600132 (7401) Type: processingErrorAlarm (81) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: case 1 (1718) Implicitly cleared: false Default probable cause: applicationSubsystemFailure (689)	<ul style="list-style-type: none"> LR14.3.MG
Description: Fails to remove webdav folder for Delivery Instance ID (variable parameters such as webdav folder, DeliveryInstancelid are also indicated). Alarm to be cleared by the operator at the management system.\nReason: webdav folder could not be deleted		
Remedial action: Check that the Broadcast Delivery Server has rights to delete the folder, and that there is no concurrent writing.		

Table 26-1009 IK8600137 - Issue occurs when trying to create a BmscEvent

Alarm	Attributes	Applicable major releases
Name: IK8600137 (7402) Type: processingErrorAlarm (81) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: Issue occurs when trying to create a BmscEvent (1719) Implicitly cleared: true Default probable cause: applicationSubsystemFailure (689)	<ul style="list-style-type: none"> LR14.3.MG
Description: Error when generating bmsc event string. Alarm is cleared by the system.\nReason: No identified cause		
Remedial action: No action is required.		

Table 26-1010 IK8600141 - Issue occurs when trying to get DeliverySession from database

Alarm	Attributes	Applicable major releases
Name: IK8600141 (7403) Type: processingErrorAlarm (81) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: Issue occurs when trying to get DeliverySession from database (1720) Implicitly cleared: false Default probable cause: softwareError (718)	<ul style="list-style-type: none"> LR14.3.MG
Description: Fails to get the delivery session from database (variable parameters such as deliverySessionId, cause are also indicated). Alarm to be cleared by the operator at the management system.\nReason: The database can not be reached		
Remedial action: Check that the mysql database is running.		

Table 26-1011 IK8600142 - Issue occurs when trying to get the DeliveryInstance from database

Alarm	Attributes	Applicable major releases
Name: IK8600142 (7404) Type: processingErrorAlarm (81) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: Issue occurs when trying to get the DeliveryInstance from database (1721) Implicitly cleared: false Default probable cause: softwareError (718)	<ul style="list-style-type: none"> LR14.3.MG
Description: Fails to get the delivery instance from database (variable parameters such as deliveryInstanceId, cause are also indicated). Alarm to be cleared by the operator at the management system.\nReason: The database can not be reached		
Remedial action: Check that the mysql database is running.		

Table 26-1012 IK8600143 - Issue occurs when trying to get DeliveryInstances from database

Alarm	Attributes	Applicable major releases
Name: IK8600143 (7405) Type: processingErrorAlarm (81) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: Issue occurs when trying to get DeliveryInstances from database (1722) Implicitly cleared: false Default probable cause: softwareError (718)	<ul style="list-style-type: none"> LR14.3.MG
Description: Fails to get Delivery Instances for the Delivery Session (variable parameters such as DeliverySessionId, cause are also indicated). Alarm to be cleared by the operator at the management system. Reason: The database can not be reached		
Remedial action: Check that the mysql database is running.		

Table 26-1013 IK8600146 - Issue occurs when trying to get OnDemandContent from database

Alarm	Attributes	Applicable major releases
Name: IK8600146 (7406) Type: processingErrorAlarm (81) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: Issue occurs when trying to get OnDemandContent from database (1723) Implicitly cleared: false Default probable cause: softwareError (718)	<ul style="list-style-type: none"> LR14.3.MG
Description: Fails to get the OnDemand content from database (variable parameters such as ContentId, cause are also indicated). Alarm to be cleared by the operator at the management system. Reason: The database can not be reached		
Remedial action: Check that the mysql database is running.		

Table 26-1014 IK8600152 - case 1

Alarm	Attributes	Applicable major releases
Name: IK8600152 (7407) Type: processingErrorAlarm (81) Package: lmg Raised on class: lmg.LMGmngElement	Severity: critical Specific problem: case 1 (1718) Implicitly cleared: false Default probable cause: applicationSubsystemFailure (689)	<ul style="list-style-type: none"> LR14.3.MG
Description: Fails to initialize FluteSender library (variable parameters such as DeliveryInstanceId are also indicated). Alarm to be cleared by the operator at the management system. Reason: Broadcast Delivery Server deployment error		
Remedial action: Stop and reinstall the Broadcast Delivery Server.		

Table 26-1015 IK8600159 - Error when trying to create the webdav folder for an instance

Alarm	Attributes	Applicable major releases
Name: IK8600159 (7408) Type: processingErrorAlarm (81) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: Error when trying to create the webdav folder for an instance (1724) Implicitly cleared: true Default probable cause: applicationSubsystemFailure (689)	<ul style="list-style-type: none"> LR14.3.MG
Description: Fails to create webdav folder for Delivery Instance ID (variable parameters such as webdavPath, deliveryInstanceID are also indicated). Alarm is cleared by the system. Reason: Webdav folder could not be created: no rights OR webdav folders path not existing		
Remedial action: Check existence of the base path and that the Broadcast Delivery Server has the creation rights		

Table 26-1016 IK8600164 - Issue occurs when trying to get DeliverySession with given TSI from database

Alarm	Attributes	Applicable major releases
Name: IK8600164 (7409) Type: processingErrorAlarm (81) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: Issue occurs when trying to get DeliverySession with given TSI from database (1725) Implicitly cleared: false Default probable cause: softwareError (718)	<ul style="list-style-type: none"> LR14.3.MG
Description: Fails to get the DeliverySession with tsi (variable parameters such as tsi, cause are also indicated). Alarm to be cleared by the operator at the management system. Reason: The database can not be reached		
Remedial action: Check that the mysql database is running.		

Table 26-1017 IK8600168 - case 1

Alarm	Attributes	Applicable major releases
Name: IK8600168 (7410) Type: processingErrorAlarm (81) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: case 1 (1718) Implicitly cleared: false Default probable cause: softwareError (718)	<ul style="list-style-type: none"> LR14.3.MG
Description: Fails to get the delivery instances - database failure (variable parameters such as cause are also indicated). Alarm to be cleared by the operator at the management system. Reason: The database can not be reached		
Remedial action: Check that the mysql database is running.		

Table 26-1018 IK8600169 - The jnotify listener could not be created

Alarm	Attributes	Applicable major releases
Name: IK8600169 (7411) Type: processingErrorAlarm (81) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: The jnotify listener could not be created (1726) Implicitly cleared: false Default probable cause: applicationSubsystemFailure (689)	<ul style="list-style-type: none"> LR14.3.MG
Description: Fails to watch webdav folder for Delivery Instance ID (variable parameters such as webdavFolder, DeliveryInstanceid, cause are also indicated). Alarm to be cleared by the operator at the management system. Reason: No identified cause (issue with Jnotify)		
Remedial action: No action is required.		

Table 26-1019 IK8600170 - case 2

Alarm	Attributes	Applicable major releases
Name: IK8600170 (7412) Type: processingErrorAlarm (81) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: case 2 (1727) Implicitly cleared: false Default probable cause: softwareError (718)	<ul style="list-style-type: none"> LR14.3.MG
Description: Fails to update DeliveryInstance ID (variable parameters such as DeliveryInstanceid, webdavFolder, cause are also indicated). Alarm to be cleared by the operator at the management system. Reason: The database can not be reached		
Remedial action: Check that the mysql database is running.		

Table 26-1020 IK8600172 - case 2

Alarm	Attributes	Applicable major releases
Name: IK8600172 (7413) Type: processingErrorAlarm (81) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: case 2 (1727) Implicitly cleared: true Default probable cause: applicationSubsystemFailure (689)	<ul style="list-style-type: none"> LR14.3.MG
Description: Fails to remove webdav folder (variable parameters such as deliveryInstanceid, webdavFolder are also indicated). Alarm is cleared by the system. Reason: webdav folder could not be deleted		
Remedial action: Check that the Broadcast Delivery Server has rights to delete the folder, and that there is no concurrent writing		

Table 26-1021 IK8600174 - case 1

Alarm	Attributes	Applicable major releases
Name: IK8600174 (7414) Type: communicationsAlarm (4) Package: lmg Raised on class: lmg.LMGmngElement	Severity: minor Specific problem: case 1 (1718) Implicitly cleared: true Default probable cause: communicationsSubsystemFailure (915)	<ul style="list-style-type: none"> LR14.3.MG
Description: Fails to send delivery instance event (variable parameters such as DeliveryInstanceId, cause are also indicated). Alarm is cleared by the system. Reason: The event could not be sent to the configured URL.		
Remedial action: Check if the URL is correct, and if the orchestrator is correctly started		

Table 26-1022 IK8600175 - case 2

Alarm	Attributes	Applicable major releases
Name: IK8600175 (7415) Type: communicationsAlarm (4) Package: lmg Raised on class: lmg.LMGmngElement	Severity: minor Specific problem: case 2 (1727) Implicitly cleared: true Default probable cause: communicationsSubsystemFailure (915)	<ul style="list-style-type: none"> LR14.3.MG
Description: Fails to send event File_Continuous_Failed (variable parameters such as cause are also indicated). Alarm is cleared by the system. Reason: The event could not be sent to the configured URL.		
Remedial action: Check if the URL is correct, and if the orchestrator is correctly started		

Table 26-1023 IK8600179 - Error when trying to delete the directory for a live session

Alarm	Attributes	Applicable major releases
Name: IK8600179 (7416) Type: processingErrorAlarm (81) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: Error when trying to delete the directory for a live session (1728) Implicitly cleared: true Default probable cause: applicationSubsystemFailure (689)	<ul style="list-style-type: none"> LR14.3.MG
Description: Fails to remove webdav folder after delete instance (variable parameters such as deliveryInstanceid, webdavFolder are also indicated). Alarm is cleared by the system. Reason: webdav folder could not be deleted		
Remedial action: Check that the Broadcast Delivery Server has rights to delete the folder, and that there is no concurrent writing		

Table 26-1024 IK8600211 - case 3

Alarm	Attributes	Applicable major releases
Name: IK8600211 (7417) Type: communicationsAlarm (4) Package: lmg Raised on class: lmg.LMGmngElement	Severity: minor Specific problem: case 3 (1729) Implicitly cleared: true Default probable cause: communicationsSubsystemFailure (915)	<ul style="list-style-type: none"> LR14.3.MG
Description: Fails send event File_Ready_For_Delivery (variable parameters such as cause are also indicated). Alarm is cleared by the system. Reason: The event could not be sent to the configured URL.		
Remedial action: Check if the URL is correct, and if the orchestrator is correctly started		

Table 26-1025 IK8600214 - case 4

Alarm	Attributes	Applicable major releases
Name: IK8600214 (7418) Type: processingErrorAlarm (81) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: case 4 (1730) Implicitly cleared: false Default probable cause: softwareError (718)	<ul style="list-style-type: none"> LR14.3.MG
Description: Fails to create index (variable parameters such as index, cause are also indicated). Alarm to be cleared by the operator at the management system. Reason: The database can not be reached		
Remedial action: Check that the mysql database is running.		

Table 26-1026 IK8600216 - case 5

Alarm	Attributes	Applicable major releases
Name: IK8600216 (7419) Type: processingErrorAlarm (81) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: case 5 (1731) Implicitly cleared: false Default probable cause: softwareError (718)	<ul style="list-style-type: none"> LR14.3.MG
Description: Fails to get the delivery sessions from database - database failure (variable parameters such as cause are also indicated). Alarm to be cleared by the operator at the management system. Reason: The database can not be reached		
Remedial action: Check that the mysql database is running.		

Table 26-1027 IK8600217 - case 6

Alarm	Attributes	Applicable major releases
Name: IK8600217 (7420) Type: processingErrorAlarm (81) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: case 6 (1732) Implicitly cleared: false Default probable cause: softwareError (718)	<ul style="list-style-type: none"> LR14.3.MG
Description: Fails to get the OnDemand files from database (variable parameters such as cause are also indicated). Alarm to be cleared by the operator at the management system. Reason: The database can not be reached		
Remedial action: Check that the mysql database is running.		

Table 26-1028 IK8600234 - case 1

Alarm	Attributes	Applicable major releases
Name: IK8600234 (7421) Type: processingErrorAlarm (81) Package: lmg Raised on class: lmg.LMGmngElement	Severity: minor Specific problem: case 1 (1718) Implicitly cleared: true Default probable cause: configurationOrCustomizationError (902)	<ul style="list-style-type: none"> LR14.3.MG
Description: Invalid value of intparameter Use default value instead (variable parameters such as key authorized values, default value are also indicated). Alarm is cleared only after the server restart. Reason: An int parameter has an invalid value in server.properties		
Remedial action: Correct server. Properties and restart the Broadcast Delivery Server.		

Table 26-1029 IK8600236 - case 2

Alarm	Attributes	Applicable major releases
Name: IK8600236 (7422) Type: processingErrorAlarm (81) Package: lmg Raised on class: lmg.LMGmngElement	Severity: minor Specific problem: case 2 (1727) Implicitly cleared: true Default probable cause: configurationOrCustomizationError (902)	<ul style="list-style-type: none"> LR14.3.MG
Description: Invalid value of key parameter Use default value instead (variable parameters such as key, authorized values, default value are also indicated). Alarm is cleared only after the server restart. Reason: An parameter has an invalid value in server.properties		
Remedial action: Correct server. Properties and restart the Broadcast Delivery Server.		

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Table 26-1030 IK8600238 - Problem with server. Properties. Server. Multicast. Networkinterface is not found

Alarm	Attributes	Applicable major releases
Name: IK8600238 (7423) Type: processingErrorAlarm (81) Package: Img Raised on class: Img.LMGmngElement	Severity: major Specific problem: Problem with server. Properties. Server. Multicast. Networkinterface is not found (1733) Implicitly cleared: true Default probable cause: applicationSubsystemFailure (689)	<ul style="list-style-type: none"> LR14.3.MG
Description: Missing broadcast IP in server. Properties Use default IP (variable parameters such as ipbroadcast are also indicated). Alarm is cleared only after the server restart. Reason: server.multicast.networkinterface is not found in server.properties		
Remedial action: Correct server. Properties and restart the Broadcast Delivery Server.		

Table 26-1031 IK8600239 - case 3

Alarm	Attributes	Applicable major releases
Name: IK8600239 (7424) Type: processingErrorAlarm (81) Package: Img Raised on class: Img.LMGmngElement	Severity: major Specific problem: case 3 (1729) Implicitly cleared: true Default probable cause: applicationSubsystemFailure (689)	<ul style="list-style-type: none"> LR14.3.MG
Description: Network interface not found. Use default loopback interface (variable parameters such as ip, iploopback are also indicated). Alarm is cleared only after the server restart. Reason: can not occur		
Remedial action: No action is required.		

Table 26-1032 IK8600240 - Server. Multicast. Networkinterface does not correspond to an existing network interface

Alarm	Attributes	Applicable major releases
Name: IK8600240 (7425) Type: communicationsAlarm (4) Package: Img Raised on class: Img.LMGmngElement	Severity: major Specific problem: Server. Multicast. Networkinterface does not correspond to an existing network interface (1734) Implicitly cleared: true Default probable cause: communicationsSubsystemFailure (915)	<ul style="list-style-type: none"> LR14.3.MG
Description: The given local IP is not one of available server addressIP (variable parameters such as localIP, addressIP are also indicated). Alarm is cleared only after the server restart. Reason: server.multicast.networkinterface does not correspond to an existing network interface		
Remedial action: Correct server. Properties and restart the Broadcast Delivery Server.		

Table 26-1033 IK8600241 - Problem with the server network interfaces

Alarm	Attributes	Applicable major releases
Name: IK8600241 (7426) Type: communicationsAlarm (4) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: Problem with the server network interfaces (1735) Implicitly cleared: true Default probable cause: communicationsSubsystemFailure (915)	<ul style="list-style-type: none"> LR14.3.MG
Description: The given local IP is unknown (variable parameters such as IP are also indicated). Alarm is cleared only after the server restart.\nReason: server.multicast.networkinterface is not a valid IP address		
Remedial action: Correct server. Properties and restart the Broadcast Delivery Server.		

Table 26-1034 IK8600242 - Problem with local IPs

Alarm	Attributes	Applicable major releases
Name: IK8600242 (7427) Type: processingErrorAlarm (81) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: Problem with local IPs (1736) Implicitly cleared: false Default probable cause: applicationSubsystemFailure (689)	<ul style="list-style-type: none"> LR14.3.MG
Description: Cannot get Local IPs. Alarm to be cleared by the operator at the management system.\nReason: Unknown cause		
Remedial action: No action is required.		

Table 26-1035 IK8600248 - case 4

Alarm	Attributes	Applicable major releases
Name: IK8600248 (7428) Type: processingErrorAlarm (81) Package: lmg Raised on class: lmg.LMGmngElement	Severity: minor Specific problem: case 4 (1730) Implicitly cleared: true Default probable cause: configurationOrCustomizationError (902)	<ul style="list-style-type: none"> LR14.3.MG
Description: Invalid value of parameter Use default value instead (variable parameters such as key, default value are also indicated). Alarm is cleared only after the server restart.\nReason: An parameter has an invalid value in server.properties		
Remedial action: Correct server. Properties and restart the Broadcast Delivery Server.		

Table 26-1036 IK8600250 - case 5

Alarm	Attributes	Applicable major releases
Name: IK8600250 (7429) Type: processingErrorAlarm (81) Package: lmg Raised on class: lmg.LMGmngElement	Severity: minor Specific problem: case 5 (1731) Implicitly cleared: true Default probable cause: configurationOrCustomizationError (902)	<ul style="list-style-type: none"> LR14.3.MG
Description: Invalid value of long parameter inferior to the min authorized value Use default value instead (variable parameters such as key, minimum value, default value are also indicated). Alarm is cleared only after the server restart.\nReason: An parameter has an invalid value in server.properties		
Remedial action: Correct server. Properties and restart the Broadcast Delivery Server.		

Table 26-1037 IK8600251 - case 6

Alarm	Attributes	Applicable major releases
Name: IK8600251 (7430) Type: processingErrorAlarm (81) Package: lmg Raised on class: lmg.LMGmngElement	Severity: minor Specific problem: case 6 (1732) Implicitly cleared: true Default probable cause: configurationOrCustomizationError (902)	<ul style="list-style-type: none"> LR14.3.MG
Description: Invalid value of parameter superior to the max authorized value. Use default value instead (variable parameters such as key, maximum value, default value are also indicated). Alarm is cleared only after the server restart.\nReason: An parameter has an invalid value in server.properties		
Remedial action: Correct server. Properties and restart the Broadcast Delivery Server.		

Table 26-1038 IK8600252 - case 7

Alarm	Attributes	Applicable major releases
Name: IK8600252 (7431) Type: processingErrorAlarm (81) Package: lmg Raised on class: lmg.LMGmngElement	Severity: minor Specific problem: case 7 (1737) Implicitly cleared: true Default probable cause: configurationOrCustomizationError (902)	<ul style="list-style-type: none"> LR14.3.MG
Description: Invalid value of parameter: not an integer Use default value instead (variable parameters such as key, default value are also indicated). Alarm is cleared only after the server restart.\nReason: An parameter has an invalid value in server.properties		
Remedial action: Correct server. Properties and restart the Broadcast Delivery Server.		

Table 26-1039 IK8600254 - case 8

Alarm	Attributes	Applicable major releases
Name: IK8600254 (7432) Type: processingErrorAlarm (81) Package: lmg Raised on class: lmg.LMGmngElement	Severity: minor Specific problem: case 8 (1738) Implicitly cleared: true Default probable cause: configurationOrCustomizationError (902)	<ul style="list-style-type: none"> LR14.3.MG
Description: Invalid value of integer parameter inferior to the min authorized value Use default value instead (variable parameters such as key, minimum value, default value are also indicated). Alarm is cleared only after the server restart.\nReason: An parameter has an invalid value in server.properties		
Remedial action: Correct server. Properties and restart the Broadcast Delivery Server.		

Table 26-1040 IK8600258 - case 1

Alarm	Attributes	Applicable major releases
Name: IK8600258 (7433) Type: processingErrorAlarm (81) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: case 1 (1718) Implicitly cleared: true Default probable cause: applicationSubsystemFailure (689)	<ul style="list-style-type: none"> LR14.3.MG
Description: Fails to remove on-demand folder for DeliveryInstance ID (variable parameters such as instanceFolder, deliveryInstanceld are also indicated). Alarm is cleared by the system.\nReason: A third party has deleted manually the folder Or the folder is locked by another process		
Remedial action: Check the folder state.		

Table 26-1041 IK8600259 - case 1

Alarm	Attributes	Applicable major releases
Name: IK8600259 (7434) Type: processingErrorAlarm (81) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: case 1 (1718) Implicitly cleared: true Default probable cause: applicationSubsystemFailure (689)	<ul style="list-style-type: none"> LR14.3.MG
Description: Fails to remove on-demand cache folder or DeliveryInstance ID (variable parameters such as instanceFolder, deliveryInstanceld are also indicated). Alarm is cleared by the system.\nReason: A third party has deleted manually the folder Or the folder is locked by another process		
Remedial action: Check the folder state.		

Table 26-1042 IK8600262 - Old flutesession not remove from flutesession list

Alarm	Attributes	Applicable major releases
Name: IK8600262 (7435) Type: processingErrorAlarm (81) Package: lmg Raised on class: lmg.LMGmngElement	Severity: minor Specific problem: Old flutesession not remove from flutesession list (1739) Implicitly cleared: false Default probable cause: applicationSubsystemFailure (689)	<ul style="list-style-type: none"> LR14.3.MG
Description: Obsolete flute session found Delete flute session (variable parameters such as deliveryInstanceid are also indicated). Alarm to be cleared by the operator at the management system.\nReason: Unknown cause		
Remedial action: No action is required.		

Table 26-1043 IK8600269 - Problem with cache folder

Alarm	Attributes	Applicable major releases
Name: IK8600269 (7436) Type: processingErrorAlarm (81) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: Problem with cache folder (1740) Implicitly cleared: false Default probable cause: applicationSubsystemFailure (689)	<ul style="list-style-type: none"> LR14.3.MG
Description: Unable to write FDT file on disk (variable parameters such as xmlFilePath are also indicated). Alarm to be cleared by the operator at the management system.\nReason: The cache folder is unreachable or lock		
Remedial action: Check the folder state.		

Table 26-1044 IK8600271 - case 2

Alarm	Attributes	Applicable major releases
Name: IK8600271 (7437) Type: processingErrorAlarm (81) Package: lmg Raised on class: lmg.LMGmngElement	Severity: critical Specific problem: case 2 (1727) Implicitly cleared: false Default probable cause: configurationOrCustomizationError (902)	<ul style="list-style-type: none"> LR14.3.MG
Description: Fails to initialize FluteEngine library (variable parameters such as deliveryInstanceid are also indicated). Alarm to be cleared by the operator at the management system.\nReason: Unknown cause. Can be an error in installation		
Remedial action: Reinstall the Broadcast Delivery Server.		

Table 26-1045 IK8600273 - case 5

Alarm	Attributes	Applicable major releases
Name: IK8600273 (7438) Type: communicationsAlarm (4) Package: lmg Raised on class: lmg.LMGmngElement	Severity: minor Specific problem: case 5 (1731) Implicitly cleared: true Default probable cause: communicationsSubsystemFailure (915)	<ul style="list-style-type: none"> LR14.3.MG
Description: Fails to send event File_Delivery_Started (variable parameters such as cause are also indicated). Alarm is cleared by the system. Reason: The event could not be sent to the configured URL.		
Remedial action: Check if the URL is correct, and if the orchestrator is correctly started		

Table 26-1046 IK8600274 - case 6

Alarm	Attributes	Applicable major releases
Name: IK8600274 (7439) Type: communicationsAlarm (4) Package: lmg Raised on class: lmg.LMGmngElement	Severity: minor Specific problem: case 6 (1732) Implicitly cleared: true Default probable cause: communicationsSubsystemFailure (915)	<ul style="list-style-type: none"> LR14.3.MG
Description: Fails to send event File_Delivered (variable parameters such as cause are also indicated). Alarm is cleared by the system. Reason: The event could not be sent to the configured URL.		
Remedial action: Check if the URL is correct, and if the orchestrator is correctly started		

Table 26-1047 IK8600275 - case 7

Alarm	Attributes	Applicable major releases
Name: IK8600275 (7440) Type: communicationsAlarm (4) Package: lmg Raised on class: lmg.LMGmngElement	Severity: minor Specific problem: case 7 (1737) Implicitly cleared: true Default probable cause: communicationsSubsystemFailure (915)	<ul style="list-style-type: none"> LR14.3.MG
Description: Fails to send event File_Transmission_stopped (variable parameters such as cause are also indicated). Alarm is cleared by the system. Reason: The event could not be sent to the configured URL.		
Remedial action: Check if the URL is correct, and if the orchestrator is correctly started		

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Table 26-1048 IK8600276 - Error when generator the xml in response to the request get Delivery Session Info

Alarm	Attributes	Applicable major releases
Name: IK8600276 (7441) Type: processingErrorAlarm (81) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: Error when generator the xml in response to the request get Delivery Session Info (1741) Implicitly cleared: false Default probable cause: applicationSubsystemFailure (689)	<ul style="list-style-type: none"> LR14.3.MG
Description: Fails to create delivery session info (variable parameters such as cause are also indicated). Alarm to be cleared by the operator at the management system.\nReason: Unknown cause		
Remedial action: No action is required.		

Table 26-1049 IK8600286 - up

Alarm	Attributes	Applicable major releases
Name: IK8600286 (7442) Type: processingErrorAlarm (81) Package: lmg Raised on class: lmg.LMGmngElement	Severity: critical Specific problem: up (1742) Implicitly cleared: true Default probable cause: applicationSubsystemFailure (689)	<ul style="list-style-type: none"> LR14.3.MG
Description: Server config file not found in the indicated path. Alarm is cleared only after the server restart.\nReason: server.properties is missing		
Remedial action: Add the server. Properties and restart.		

Table 26-1050 IK8600287 - Server. Properties can not be parsed

Alarm	Attributes	Applicable major releases
Name: IK8600287 (7443) Type: processingErrorAlarm (81) Package: lmg Raised on class: lmg.LMGmngElement	Severity: critical Specific problem: Server. Properties can not be parsed (1743) Implicitly cleared: true Default probable cause: applicationSubsystemFailure (689)	<ul style="list-style-type: none"> LR14.3.MG
Description: Server config file invalid. Alarm is cleared only after the server restart.\nReason: server.properties format is not valid		
Remedial action: Correction the server. Properties file and restart.		

Table 26-1051 IK8600288 - Server. Properties can not be read

Alarm	Attributes	Applicable major releases
Name: IK8600288 (7444) Type: processingErrorAlarm (81) Package: lmg Raised on class: lmg.LMGmngElement	Severity: critical Specific problem: Server. Properties can not be read (1744) Implicitly cleared: true Default probable cause: applicationSubsystemFailure (689)	<ul style="list-style-type: none"> LR14.3.MG
Description: exception_msg. Alarm is cleared only after the server restart.\nReason: server.properties is written or deleted while the Broadcast Delivery Server is reading it		
Remedial action: Restart the Broadcast Delivery Server.		

Table 26-1052 IK8600289 - case 8

Alarm	Attributes	Applicable major releases
Name: IK8600289 (7445) Type: communicationsAlarm (4) Package: lmg Raised on class: lmg.LMGmngElement	Severity: minor Specific problem: case 8 (1738) Implicitly cleared: true Default probable cause: communicationsSubsystemFailure (915)	<ul style="list-style-type: none"> LR14.3.MG
Description: Fails to send event File_Transmission_stopped (variable parameters such as cause are also indicated). Alarm is cleared by the system.\nReason: The event could not be sent to the configured URL.		
Remedial action: Check if the URL is correct, and if the orchestrator is correctly started		

Table 26-1053 IK8600295 - case 2

Alarm	Attributes	Applicable major releases
Name: IK8600295 (7446) Type: processingErrorAlarm (81) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: case 2 (1727) Implicitly cleared: true Default probable cause: applicationSubsystemFailure (689)	<ul style="list-style-type: none"> LR14.3.MG
Description: Fails to remove automatically on-demand folder for DeliveryInstance ID (variable parameters such as instanceFolder, deliveryInstanceid are also indicated). Alarm is cleared by the system.\nReason: A third party has deleted manually the folder Or the folder is locked by another process		
Remedial action: Check the folder state.		

Table 26-1054 IK8600296 - case 2

Alarm	Attributes	Applicable major releases
Name: IK8600296 (7447) Type: processingErrorAlarm (81) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: case 2 (1727) Implicitly cleared: true Default probable cause: applicationSubsystemFailure (689)	<ul style="list-style-type: none"> LR14.3.MG
Description: Fails to remove automatically on-demand cache folder for DeliveryInstance ID (variable parameters such as instanceFolder, deliveryInstanceCld are also indicated). Alarm is cleared by the system. Reason: A third party has deleted manually the folder Or the folder is locked by another process		
Remedial action: Check the folder state.		

Table 26-1055 IK8600297 - The jnotify listener could not be created, when reloading all sessions after a restart

Alarm	Attributes	Applicable major releases
Name: IK8600297 (7448) Type: processingErrorAlarm (81) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: The jnotify listener could not be created, when reloading all sessions after a restart (1745) Implicitly cleared: true Default probable cause: applicationSubsystemFailure (689)	<ul style="list-style-type: none"> LR14.3.MG
Description: Delivery Instance ID not loaded Could not create webdav listener (variable parameters such as deliveryInstanceCld are also indicated). Alarm is cleared only after the server restart. Reason: No identified cause (issue with Jnotify)		
Remedial action: No action is required.		

Table 26-1056 IK8600319 - case 1

Alarm	Attributes	Applicable major releases
Name: IK8600319 (7449) Type: processingErrorAlarm (81) Package: lmg Raised on class: lmg.LMGmngElement	Severity: minor Specific problem: case 1 (1718) Implicitly cleared: false Default probable cause: applicationSubsystemFailure (689)	<ul style="list-style-type: none"> LR14.3.MG
Description: Fails to set add file to flute library for Flute session continuous Skip delivering file (variable parameters such as filePath, deliveryInstanceCld are also indicated). Alarm to be cleared by the operator at the management system. Reason: Unknown cause		
Remedial action: No action is required.		

Table 26-1057 IK8600320 - case 2

Alarm	Attributes	Applicable major releases
Name: IK8600320 (7450) Type: processingErrorAlarm (81) Package: Img Raised on class: Img.LMGmngElement	Severity: minor Specific problem: case 2 (1727) Implicitly cleared: false Default probable cause: applicationSubsystemFailure (689)	<ul style="list-style-type: none"> LR14.3.MG
Description: Fails to set FDT Expire for Flute session continuous (variable parameters such deliveryInstancedId are also indicated). Alarm to be cleared by the operator at the management system. Reason: Unknown cause		
Remedial action: No action is required.		

Table 26-1058 IK8600328 - The multiFEC library is missing or can be loaded

Alarm	Attributes	Applicable major releases
Name: IK8600328 (7451) Type: communicationsAlarm (4) Package: Img Raised on class: Img.LMGmngElement	Severity: critical Specific problem: The multiFEC library is missing or can be loaded (1746) Implicitly cleared: true Default probable cause: communicationsSubsystemFailure (915)	<ul style="list-style-type: none"> LR14.3.MG
Description: Multi FEC library not found (variable parameters such as path are also indicated). Alarm is cleared only after the server restart. Reason: the multiFEC library is missing or can be loaded (libFECEncoder.so)		
Remedial action: Check the presence of the multiFEC library (libFECEncoder. So)		

Table 26-1059 IK8600333 - Problem with existence of the mime. Types file in the /config directory

Alarm	Attributes	Applicable major releases
Name: IK8600333 (7452) Type: processingErrorAlarm (81) Package: Img Raised on class: Img.LMGmngElement	Severity: minor Specific problem: Problem with existence of the mime. Types file in the /config directory (1747) Implicitly cleared: true Default probable cause: applicationSubsystemFailure (689)	<ul style="list-style-type: none"> LR14.3.MG
Description: Error when loading MIME_TYPES_FILE Default mime types will be used instead (variable parameters such as MimeTypes file are also indicated). Alarm is cleared only after the server restart. Reason: the mime.types is missing.		
Remedial action: Check the format of this file. Add the mime. Types config file and restart the Broadcast Delivery Server.		

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Table 26-1060 IK8600334 - License file not found or not valid

Alarm	Attributes	Applicable major releases
Name: IK8600334 (7453) Type: processingErrorAlarm (81) Package: lmg Raised on class: lmg.LMGmngElement	Severity: critical Specific problem: License file not found or not valid (1748) Implicitly cleared: true Default probable cause: configurationOrCustomizationError (902)	<ul style="list-style-type: none"> LR14.3.MG
Description: License file not found or not valid. Alarm is cleared only after the server restart.\nReason: License file not found, or can not be parsed		
Remedial action: Check licence file existence.		

Table 26-1061 IK8600335 - Problem with license

Alarm	Attributes	Applicable major releases
Name: IK8600335 (7454) Type: processingErrorAlarm (81) Package: lmg Raised on class: lmg.LMGmngElement	Severity: critical Specific problem: Problem with license (1749) Implicitly cleared: true Default probable cause: configurationOrCustomizationError (902)	<ul style="list-style-type: none"> LR14.3.MG
Description: exception_msg. New License to be ordered. Alarm is cleared only after the server restart.\nReason: The license doesn't authorize to run the Broadcast Delivery Server		
Remedial action: Order a new license .		

Table 26-1062 IK8600336 - Check delivery instance id

Alarm	Attributes	Applicable major releases
Name: IK8600336 (7455) Type: communicationsAlarm (4) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: Check delivery instance id (1750) Implicitly cleared: false Default probable cause: communicationsSubsystemFailure (915)	<ul style="list-style-type: none"> LR14.3.MG
Description: control fragment session fails to start. Delivery Instance not found (variable parameters such as deliveryInstanceid, cause are also indicated). Alarm to be cleared by the operator at the management system.\nReason: The instance id referenced in the request doesn't exist		
Remedial action: Check the instance Id existence.		

Table 26-1063 IK8600338 - case 3

Alarm	Attributes	Applicable major releases
Name: IK8600338 (7456) Type: processingErrorAlarm (81) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: case 3 (1729) Implicitly cleared: false Default probable cause: applicationSubsystemFailure (689)	<ul style="list-style-type: none"> LR14.3.MG
Description: Fails to initialize FluteSender library for control fragments (variable parameters such as deliveryInstanceCld are also indicated). Alarm to be cleared by the operator at the management system. Reason: Broadcast Delivery Server deployment error		
Remedial action: Stop and reinstall the Broadcast Delivery Server		

Table 26-1064 IK8600339 - case 1

Alarm	Attributes	Applicable major releases
Name: IK8600339 (7457) Type: processingErrorAlarm (81) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: case 1 (1718) Implicitly cleared: false Default probable cause: applicationSubsystemFailure (689)	<ul style="list-style-type: none"> LR14.3.MG
Description: Fails to add fragment to flute library for fragment session. Skip delivering fragment (variable parameters such as file path, deliveryInstanceCld are also indicated). Alarm to be cleared by the operator at the management system. Reason: Unknown cause		
Remedial action: No action is required.		

Table 26-1065 IK8600340 - case 2

Alarm	Attributes	Applicable major releases
Name: IK8600340 (7458) Type: processingErrorAlarm (81) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: case 2 (1727) Implicitly cleared: false Default probable cause: applicationSubsystemFailure (689)	<ul style="list-style-type: none"> LR14.3.MG
Description: Fails to add fragment to flute library for fragment session. Skip delivering fragment (variable parameters such as file path, deliveryInstanceCld are also indicated). Alarm to be cleared by the operator at the management system. Reason: Unknown cause		
Remedial action: No action is required.		

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Table 26-1066 IK8600341 - case 1

Alarm	Attributes	Applicable major releases
Name: IK8600341 (7459) Type: processingErrorAlarm (81) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: case 1 (1718) Implicitly cleared: false Default probable cause: applicationSubsystemFailure (689)	<ul style="list-style-type: none"> LR14.3.MG
Description: Fails to start transmission cycle for fragment session, Stopping Flute session (variable parameters such as deliveryInstanceId are also indicated). Alarm to be cleared by the operator at the management system.\nReason: Unknown cause		
Remedial action: No action is required.		

Table 26-1067 IK8600343 - case 2

Alarm	Attributes	Applicable major releases
Name: IK8600343 (7460) Type: processingErrorAlarm (81) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: case 2 (1727) Implicitly cleared: false Default probable cause: applicationSubsystemFailure (689)	<ul style="list-style-type: none"> LR14.3.MG
Description: Fragments session start failed (variable parameters such as deliveryInstanceId are also indicated). Alarm to be cleared by the operator at the management system.\nReason: Unknown cause		
Remedial action: No action is required.		

Table 26-1068 IK8600346 - OriginatorUserName can not be blank and can not contains spaces

Alarm	Attributes	Applicable major releases
Name: IK8600346 (7461) Type: processingErrorAlarm (81) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: OriginatorUserName can not be blank and can not contains spaces (1751) Implicitly cleared: true Default probable cause: applicationSubsystemFailure (689)	<ul style="list-style-type: none"> LR14.3.MG
Description: Invalid value of server. Multicast. SDP. Originator parameter (variable parameters such as invalid parameter value, default value are also indicated). Alarm is cleared only after the server restart.\nReason: server.multicast.SDP.originator is not found or incorrect in server.properties		
Remedial action: Correct server. Properties and restart the Broadcast Delivery Server.		

Table 26-1069 IK8600347 - No namespace for the control fragments has been configured

Alarm	Attributes	Applicable major releases
Name: IK8600347 (7462) Type: processingErrorAlarm (81) Package: Img Raised on class: Img.LMGmngElement	Severity: major Specific problem: No namespace for the control fragments has been configured (1752) Implicitly cleared: true Default probable cause: configurationOrCustomizationError (902)	<ul style="list-style-type: none"> LR14.3.MG
Description: No namespace for the control fragments has been configured (variable parameters are also indicated). Alarm is cleared only after the server restart. Reason: No namespace configured		
Remedial action: Correct server. Properties and restart the Broadcast Delivery Server.		

Table 26-1070 IK8600351 - case 8

Alarm	Attributes	Applicable major releases
Name: IK8600351 (7463) Type: processingErrorAlarm (81) Package: Img Raised on class: Img.LMGmngElement	Severity: major Specific problem: case 8 (1738) Implicitly cleared: false Default probable cause: softwareError (718)	<ul style="list-style-type: none"> LR14.3.MG
Description: Can not queue file for delivery. Cause Fails to get OnDemandFile from database (variable parameters such as file path, cause are also indicated). Alarm to be cleared by the operator at the management system. Reason: The database can not be reached		
Remedial action: Check that the mysql database is running.		

Table 26-1071 IK8600352 - A file in delivery queue is no more available in database

Alarm	Attributes	Applicable major releases
Name: IK8600352 (7464) Type: processingErrorAlarm (81) Package: Img Raised on class: Img.LMGmngElement	Severity: major Specific problem: A file in delivery queue is no more available in database (1753) Implicitly cleared: false Default probable cause: applicationSubsystemFailure (689)	<ul style="list-style-type: none"> LR14.3.MG
Description: Can not queue file for delivery. Cause OnDemandFile not found in database (variable parameters such as file path are also indicated). Alarm to be cleared by the operator at the management system. Reason: Unknown cause		
Remedial action: No action is required.		

Table 26-1072 IK8600353 - Problem with stream file and time offset

Alarm	Attributes	Applicable major releases
Name: IK8600353 (7465) Type: processingErrorAlarm (81) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: Problem with stream file and time offset (1754) Implicitly cleared: false Default probable cause: applicationSubsystemFailure (689)	<ul style="list-style-type: none"> LR14.3.MG
Description: File not send. Cause FluteEngine fails to read stream (variable parameters such as file path are also indicated). File stream removed from the cache folder, or the delivery of a content, whose delivery should be ended has been restarted. Alarm to be cleared by the operator at the management system. Reason: File stream removed from the cache folder		
Remedial action: Check the stream file in the cache folder. If the Broadcast Delivery Server has been recently restarted after a long pause, no action to perform.		

Table 26-1073 IK8600354 - case 9

Alarm	Attributes	Applicable major releases
Name: IK8600354 (7466) Type: processingErrorAlarm (81) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: case 9 (1755) Implicitly cleared: false Default probable cause: softwareError (718)	<ul style="list-style-type: none"> LR14.3.MG
Description: File not updated. Cause Fails to get OnDemandFile from database (variable parameters such as file path are also indicated). Alarm to be cleared by the operator at the management system. Reason: The database can not be reached		
Remedial action: Check that the mysql database is running.		

Table 26-1074 IK8600355 - A file in delivery is no more available in database

Alarm	Attributes	Applicable major releases
Name: IK8600355 (7467) Type: processingErrorAlarm (81) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: A file in delivery is no more available in database (1756) Implicitly cleared: false Default probable cause: applicationSubsystemFailure (689)	<ul style="list-style-type: none"> LR14.3.MG
Description: File not updated. Cause OnDemandFile not found in database (variable parameters such as file path are also indicated). Alarm to be cleared by the operator at the management system. Reason: Unknown cause		
Remedial action: No action is required.		

Table 26-1075 IK8600356 - case 10

Alarm	Attributes	Applicable major releases
Name: IK8600356 (7468) Type: processingErrorAlarm (81) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: case 10 (1757) Implicitly cleared: false Default probable cause: softwareError (718)	<ul style="list-style-type: none"> LR14.3.MG
Description: Fails to update the OnDemandFile to database (variable parameters such as fileURI, cause are also indicated). Alarm to be cleared by the operator at the management system.\nReason: The database can not be reached		
Remedial action: Check that the mysql database is running.		

Table 26-1076 IK8600363 - The MIB could not be initialized

Alarm	Attributes	Applicable major releases
Name: IK8600363 (7469) Type: processingErrorAlarm (81) Package: lmg Raised on class: lmg.LMGmngElement	Severity: critical Specific problem: The MIB could not be initialized (1758) Implicitly cleared: true Default probable cause: applicationSubsystemFailure (689)	<ul style="list-style-type: none"> LR14.3.MG
Description: Error when initializing the MIB (variable parameters such as exception are also indicated). Alarm is cleared only after the server restart.\nReason: Various possible causes, to be analyzed according the message		
Remedial action: No action is required.		

Table 26-1077 IK8600369 - The on demand session failed to start

Alarm	Attributes	Applicable major releases
Name: IK8600369 (7470) Type: processingErrorAlarm (81) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: The on demand session failed to start (1759) Implicitly cleared: false Default probable cause: applicationSubsystemFailure (689)	<ul style="list-style-type: none"> LR14.3.MG
Description: Fails to start transmission cycle for Flute session on-demand. Stopping Flute session (variable parameters such as deliveryInstanceId are also indicated). Alarm to be cleared by the operator at the management system.\nReason: Unknown cause		
Remedial action: No action is required.		

Table 26-1078 IK8600370 - The continuous session failed to start

Alarm	Attributes	Applicable major releases
Name: IK8600370 (7471) Type: processingErrorAlarm (81) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: The continuous session failed to start (1760) Implicitly cleared: false Default probable cause: applicationSubsystemFailure (689)	<ul style="list-style-type: none"> LR14.3.MG
Description: Fails to start transmission cycle for Flute session continuous . Stopping Flute session (variable parameters such as deliveryInstanceId are also indicated). Alarm to be cleared by the operator at the management system.\nReason: Unknown cause		
Remedial action: No action is required.		

Table 26-1079 IK8600390 - Problem with FDTRepetitionPeriod and bitrate parameters

Alarm	Attributes	Applicable major releases
Name: IK8600390 (7472) Type: communicationsAlarm (4) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: Problem with FDTRepetitionPeriod and bitrate parameters (1761) Implicitly cleared: true Default probable cause: communicationsSubsystemFailure (915)	<ul style="list-style-type: none"> LR14.3.MG
Description: FDT repetition period shorter than FDT transmission duration (variable parameters such as FDT period, FDT transmission duration, ContentId, . . . Are also indicated). Alarm is cleared only after the server restart.\nReason: The FDT can not be sent as many times as required with the instance bitrate		
Remedial action: FDTRepetitionPeriod may be too important comparing to the bitrate and FDT size. Check the bitrate of the instance, and the FDT period. Delete the delivery instance. Create another delivery instance with the correct parameters.		

Table 26-1080 IK8600391 - Problem with server. Properties parameter server. Content. Continuous. Queue. Size

Alarm	Attributes	Applicable major releases
Name: IK8600391 (7473) Type: processingErrorAlarm (81) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: Problem with server. Properties parameter server. Content. Continuous. Queue. Size (1762) Implicitly cleared: true Default probable cause: configurationOrCustomizationError (902)	<ul style="list-style-type: none"> LR14.3.MG
Description: File delivery queue for Flute session continuous is full. Files not queued (variable parameters such as deliveryInstanceId are also indicated). Alarm is cleared only after the server restart.\nReason: The bitrate of the instance is not enough		
Remedial action: Check if files are pushed in the webdav folder too fast comparing to the bitrate, create a instance with a bigger bitrate and delete this one.		

Table 26-1081 IK8600398 - case 1

Alarm	Attributes	Applicable major releases
Name: IK8600398 (7474) Type: communicationsAlarm (4) Package: lmg Raised on class: lmg.LMGmngElement	Severity: critical Specific problem: case 1 (1718) Implicitly cleared: true Default probable cause: communicationsSubsystemFailure (915)	<ul style="list-style-type: none"> LR14.3.MG
Description: Delivery Session reload aborted. Cause Authorized maximum number of sessions reached. Alarm is cleared only after the server restart. Reason: The number of sessions in database exceed the authorized number in the licence		
Remedial action: Check the number of registered sessions from database. Use only the right licence.		

Table 26-1082 IK8600399 - case 2

Alarm	Attributes	Applicable major releases
Name: IK8600399 (7475) Type: communicationsAlarm (4) Package: lmg Raised on class: lmg.LMGmngElement	Severity: critical Specific problem: case 2 (1727) Implicitly cleared: true Default probable cause: communicationsSubsystemFailure (915)	<ul style="list-style-type: none"> LR14.3.MG
Description: Delivery Instance reload aborted. Cause Authorized maximum bitrate reached. Alarm is cleared only after the server restart. Reason: The total bitrate size for delivery instances exceed the authorized number in the licence		
Remedial action: Check the number of registered instances from database. Use only the right licence.		

Table 26-1083 IK8600407 - An unexpected error occurred during delivery. The delivery is killed

Alarm	Attributes	Applicable major releases
Name: IK8600407 (7476) Type: processingErrorAlarm (81) Package: lmg Raised on class: lmg.LMGmngElement	Severity: critical Specific problem: An unexpected error occurred during delivery. The delivery is killed (1763) Implicitly cleared: true Default probable cause: applicationSubsystemFailure (689)	<ul style="list-style-type: none"> LR14.3.MG
Description: Delivery interrupted for unexpected reason. Alarm is cleared only after the server restart. Reason: Unknown cause		
Remedial action: Check the message in the error. Perform a deleteContent(abort true) to clean the delivery instance and add again the content to the instance		

Table 26-1084 IK8600408 - The file processing request returns BAD REQUEST

Alarm	Attributes	Applicable major releases
Name: IK8600408 (7477) Type: processingErrorAlarm (81) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: The file processing request returns BAD REQUEST (1764) Implicitly cleared: true Default probable cause: configurationOrCustomizationError (902)	<ul style="list-style-type: none"> LR14.3.MG
Description: File preparation forbidden. Alarm is cleared only after the server restart.\nReason: Misconfiguration		
Remedial action: Check server. Properties server. Flute. Module parameter		

Table 26-1085 IK8600409 - The file processing abort request returns BAD REQUEST

Alarm	Attributes	Applicable major releases
Name: IK8600409 (7478) Type: processingErrorAlarm (81) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: The file processing abort request returns BAD REQUEST (1765) Implicitly cleared: true Default probable cause: configurationOrCustomizationError (902)	<ul style="list-style-type: none"> LR14.3.MG
Description: Abort file preparation forbidden. Alarm is cleared only after the server restart.\nReason: Misconfiguration		
Remedial action: Check server. Properties server. Flute. Module parameter		

Table 26-1086 IK8603228 - License is expired, contact the support to renew the license

Alarm	Attributes	Applicable major releases
Name: IK8603228 (7479) Type: processingErrorAlarm (81) Package: lmg Raised on class: lmg.LMGmngElement	Severity: critical Specific problem: License is expired, contact the support to renew the license (1766) Implicitly cleared: true Default probable cause: configurationOrCustomizationError (902)	<ul style="list-style-type: none"> LR14.3.MG
Description: License is expired.. Alarm is cleared only after the server restart.\nReason: License is expired		
Remedial action: Contact the support to renew the license.		

Table 26-1087 IK8603229 - License is invalid. Make sure that all the network interfaces are activated and retry

Alarm	Attributes	Applicable major releases
Name: IK8603229 (7480) Type: processingErrorAlarm (81) Package: lmg Raised on class: lmg.LMGmngElement	Severity: critical Specific problem: License is invalid. Make sure that all the network interfaces are activated and retry (1767) Implicitly cleared: true Default probable cause: applicationSubsystemFailure (689)	<ul style="list-style-type: none"> LR14.3.MG
Description: Copy protection verification fails.. Alarm is cleared only after the server restart.\nReason: Copy protection verification fails		
Remedial action: Check the server is installed correctly and connected on the network. Contact the support.		

Table 26-1088 IK8603267 - License is invalid, contact the support

Alarm	Attributes	Applicable major releases
Name: IK8603267 (7481) Type: processingErrorAlarm (81) Package: lmg Raised on class: lmg.LMGmngElement	Severity: critical Specific problem: License is invalid, contact the support (1768) Implicitly cleared: true Default probable cause: configurationOrCustomizationError (902)	<ul style="list-style-type: none"> LR14.3.MG
Description: Unknown license for this server. Alarm is cleared only after the server restart.\nReason: The license doesn't authorize to run the Broadcast Delivery Server		
Remedial action: Order a new license.		

Table 26-1089 IK8610137 - Issue occurs when trying to create a BmscEvent

Alarm	Attributes	Applicable major releases
Name: IK8610137 (7482) Type: processingErrorAlarm (81) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: Issue occurs when trying to create a BmscEvent (1719) Implicitly cleared: true Default probable cause: applicationSubsystemFailure (689)	<ul style="list-style-type: none"> LR14.3.MG
Description: Error when generating bmsc event string. Alarm is cleared by the system.\nReason: No identified cause		
Remedial action: No action is required.		

Table 26-1090 IK8610142 - Issue occurs when trying to get the DeliveryInstance from database

Alarm	Attributes	Applicable major releases
Name: IK8610142 (7483) Type: processingErrorAlarm (81) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: Issue occurs when trying to get the DeliveryInstance from database (1721) Implicitly cleared: false Default probable cause: softwareError (718)	<ul style="list-style-type: none"> LR14.3.MG
Description: Fails to get the delivery instance from database (variable parameters such as deliveryInstanceid, cause are also indicated). Alarm to be cleared by the operator at the management system. Reason: The database can not be reached		
Remedial action: Check that the mysql database is running.		

Table 26-1091 IK8610168 - case 1

Alarm	Attributes	Applicable major releases
Name: IK8610168 (7484) Type: processingErrorAlarm (81) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: case 1 (1718) Implicitly cleared: false Default probable cause: softwareError (718)	<ul style="list-style-type: none"> LR14.3.MG
Description: Fails to get the delivery instances - database failure (variable parameters such as cause are also indicated). Alarm to be cleared by the operator at the management system. Reason: The database can not be reached		
Remedial action: Check that the mysql database is running.		

Table 26-1092 IK8610174 - case 1

Alarm	Attributes	Applicable major releases
Name: IK8610174 (7485) Type: communicationsAlarm (4) Package: lmg Raised on class: lmg.LMGmngElement	Severity: minor Specific problem: case 1 (1718) Implicitly cleared: true Default probable cause: communicationsSubsystemFailure (915)	<ul style="list-style-type: none"> LR14.3.MG
Description: Fails to send delivery instance event (variable parameters such as DeliveryInstanceid, cause are also indicated). Alarm is cleared by the system. Reason: The event could not be sent to the configured URL.		
Remedial action: Check if the URL is correct, and if the orchestrator is correctly started		

Table 26-1093 IK8610190 - case 1

Alarm	Attributes	Applicable major releases
Name: IK8610190 (7486) Type: processingErrorAlarm (81) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: case 1 (1718) Implicitly cleared: false Default probable cause: softwareError (718)	<ul style="list-style-type: none"> LR14.3.MG
Description: Error while saving file to database (variable parameters such as filePath are also indicated). Alarm to be cleared by the operator at the management system.\nReason: The database can not be reached		
Remedial action: Check that the mysql database is running.		

Table 26-1094 IK8610196 - case 2

Alarm	Attributes	Applicable major releases
Name: IK8610196 (7487) Type: processingErrorAlarm (81) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: case 2 (1727) Implicitly cleared: false Default probable cause: softwareError (718)	<ul style="list-style-type: none"> LR14.3.MG
Description: Fails to get OnDemandFile from database (variable parameters such as URI, fileURI are also indicated). Alarm to be cleared by the operator at the management system.\nReason: The database can not be reached		
Remedial action: Check that the mysql database is running.		

Table 26-1095 IK8610197 - Fails to get the file MD5 from database

Alarm	Attributes	Applicable major releases
Name: IK8610197 (7488) Type: processingErrorAlarm (81) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: Fails to get the file MD5 from database (1769) Implicitly cleared: false Default probable cause: applicationSubsystemFailure (689)	<ul style="list-style-type: none"> LR14.3.MG
Description: Fails to get file uri and MD5 (variable parameters such as URI are also indicated). Alarm to be cleared by the operator at the management system.\nReason: Unknown cause		
Remedial action: No action is required.		

Table 26-1096 IK8610200 - case 3

Alarm	Attributes	Applicable major releases
Name: IK8610200 (7489) Type: processingErrorAlarm (81) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: case 3 (1729) Implicitly cleared: false Default probable cause: softwareError (718)	<ul style="list-style-type: none"> LR14.3.MG
Description: Fails to create index. Files not prepared (variable parameters such as index, cause are also indicated). Alarm to be cleared by the operator at the management system. Reason: The database can not be reached		
Remedial action: Check that the mysql database is running.		

Table 26-1097 IK8610211 - case 3

Alarm	Attributes	Applicable major releases
Name: IK8610211 (7490) Type: communicationsAlarm (4) Package: lmg Raised on class: lmg.LMGmngElement	Severity: minor Specific problem: case 3 (1729) Implicitly cleared: true Default probable cause: communicationsSubsystemFailure (915)	<ul style="list-style-type: none"> LR14.3.MG
Description: Fails send event File_Ready_For_Delivery (variable parameters such as cause are also indicated). Alarm is cleared by the system. Reason: The event could not be sent to the configured URL.		
Remedial action: Check if the URL is correct, and if the orchestrator is correctly started		

Table 26-1098 IK8610214 - case 4

Alarm	Attributes	Applicable major releases
Name: IK8610214 (7491) Type: processingErrorAlarm (81) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: case 4 (1730) Implicitly cleared: false Default probable cause: softwareError (718)	<ul style="list-style-type: none"> LR14.3.MG
Description: Fails to create index (variable parameters such as index, cause are also indicated). Alarm to be cleared by the operator at the management system. Reason: The database can not be reached		
Remedial action: Check that the mysql database is running.		

Table 26-1099 IK8610215 - The cache folder is not found, when the Broadcast Delivery Server need to check its free space

Alarm	Attributes	Applicable major releases
Name: IK8610215 (7492) Type: processingErrorAlarm (81) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: The cache folder is not found, when the Broadcast Delivery Server need to check its free space (1770) Implicitly cleared: true Default probable cause: applicationSubsystemFailure (689)	<ul style="list-style-type: none"> LR14.3.MG
Description: Cache folder is not found or doesn't exists any more. Alarm is cleared by the system.\nReason: the cache folder is not found or doesn't exists any more		
Remedial action: Check the configuration: server. Content. Ondemand. Cache. Basepath, and the existence of this folder		

Table 26-1100 IK8610216 - case 5

Alarm	Attributes	Applicable major releases
Name: IK8610216 (7493) Type: processingErrorAlarm (81) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: case 5 (1731) Implicitly cleared: false Default probable cause: softwareError (718)	<ul style="list-style-type: none"> LR14.3.MG
Description: Fails to get the delivery sessions from database - database failure (variable parameters such as cause are also indicated). Alarm to be cleared by the operator at the management system.\nReason: The database can not be reached		
Remedial action: Check that the mysql database is running.		

Table 26-1101 IK8610217 - case 6

Alarm	Attributes	Applicable major releases
Name: IK8610217 (7494) Type: processingErrorAlarm (81) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: case 6 (1732) Implicitly cleared: false Default probable cause: softwareError (718)	<ul style="list-style-type: none"> LR14.3.MG
Description: Fails to get the OnDemand files from database (variable parameters such as cause are also indicated). Alarm to be cleared by the operator at the management system.\nReason: The database can not be reached		
Remedial action: Check that the mysql database is running.		

Table 26-1102 IK8610232 - case 4

Alarm	Attributes	Applicable major releases
Name: IK8610232 (7495) Type: communicationsAlarm (4) Package: lmg Raised on class: lmg.LMGmngElement	Severity: minor Specific problem: case 4 (1730) Implicitly cleared: true Default probable cause: communicationsSubsystemFailure (915)	<ul style="list-style-type: none"> LR14.3.MG
Description: Fails to send event File deleted (variable parameters such as cause are also indicated). Alarm is cleared by the system. Reason: The event could not be sent to the configured URL.		
Remedial action: Check if the URL is correct, and if the orchestrator is correctly started		

Table 26-1103 IK8610234 - case 1

Alarm	Attributes	Applicable major releases
Name: IK8610234 (7496) Type: processingErrorAlarm (81) Package: lmg Raised on class: lmg.LMGmngElement	Severity: minor Specific problem: case 1 (1718) Implicitly cleared: true Default probable cause: configurationOrCustomizationError (902)	<ul style="list-style-type: none"> LR14.3.MG
Description: Invalid value of intparameter Use default value instead (variable parameters such as key authorized values, default value are also indicated). Alarm is cleared only after the server restart. Reason: An int parameter has an invalid value in server.properties		
Remedial action: Correct server. Properties and restart the Broadcast Delivery Server.		

Table 26-1104 IK8610236 - case 2

Alarm	Attributes	Applicable major releases
Name: IK8610236 (7497) Type: processingErrorAlarm (81) Package: lmg Raised on class: lmg.LMGmngElement	Severity: minor Specific problem: case 2 (1727) Implicitly cleared: true Default probable cause: configurationOrCustomizationError (902)	<ul style="list-style-type: none"> LR14.3.MG
Description: Invalid value of key parameter Use default value instead (variable parameters such as key, authorized values, default value are also indicated). Alarm is cleared only after the server restart. Reason: An parameter has an invalid value in server.properties		
Remedial action: Correct server. Properties and restart the Broadcast Delivery Server.		

Table 26-1105 IK8610238 - Problem with server. Properties. Server. Multicast. Networkinterface is not found

Alarm	Attributes	Applicable major releases
Name: IK8610238 (7498) Type: communicationsAlarm (4) Package: Img Raised on class: Img.LMGmngElement	Severity: major Specific problem: Problem with server. Properties. Server. Multicast. Networkinterface is not found (1733) Implicitly cleared: true Default probable cause: communicationsSubsystemFailure (915)	<ul style="list-style-type: none"> LR14.3.MG
Description: Missing broadcast IP in server. Properties Use default IP (variable parameters such as ipbroadcast are also indicated). Alarm is cleared only after the server restart.\nReason: server.multicast.networkinterface is not found in server.properties		
Remedial action: Correct server. Properties and restart the Broadcast Delivery Server.		

Table 26-1106 IK8610239 - case 3

Alarm	Attributes	Applicable major releases
Name: IK8610239 (7499) Type: processingErrorAlarm (81) Package: Img Raised on class: Img.LMGmngElement	Severity: major Specific problem: case 3 (1729) Implicitly cleared: true Default probable cause: applicationSubsystemFailure (689)	<ul style="list-style-type: none"> LR14.3.MG
Description: Network interface not found. Use default loopback interface (variable parameters such as ip, iploopback are also indicated). Alarm is cleared only after the server restart.\nReason: can not occur		
Remedial action: No action is required.		

Table 26-1107 IK8610240 - Server. Multicast. Networkinterface does not correspond to an existing network interface

Alarm	Attributes	Applicable major releases
Name: IK8610240 (7500) Type: communicationsAlarm (4) Package: Img Raised on class: Img.LMGmngElement	Severity: major Specific problem: Server. Multicast. Networkinterface does not correspond to an existing network interface (1734) Implicitly cleared: true Default probable cause: communicationsSubsystemFailure (915)	<ul style="list-style-type: none"> LR14.3.MG
Description: The given local IPis not one of available server addressIP (variable parameters such as localIP, addressIP are also indicated). Alarm is cleared only after the server restart.\nReason: server.multicast.networkinterface does not correspond to an existing network interface		
Remedial action: Correct server. Properties and restart the Broadcast Delivery Server.		

Table 26-1108 IK8610241 - Problem with the server network interfaces

Alarm	Attributes	Applicable major releases
Name: IK8610241 (7501) Type: communicationsAlarm (4) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: Problem with the server network interfaces (1735) Implicitly cleared: true Default probable cause: communicationsSubsystemFailure (915)	<ul style="list-style-type: none"> LR14.3.MG
Description: The given local IP is unknown (variable parameters such as IP are also indicated). Alarm is cleared only after the server restart.\nReason: server.multicast.networkinterface is not a valid IP address		
Remedial action: Correct server. Properties and restart the Broadcast Delivery Server.		

Table 26-1109 IK8610242 - Problem with local IPs

Alarm	Attributes	Applicable major releases
Name: IK8610242 (7502) Type: processingErrorAlarm (81) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: Problem with local IPs (1736) Implicitly cleared: false Default probable cause: applicationSubsystemFailure (689)	<ul style="list-style-type: none"> LR14.3.MG
Description: Cannot get Local IPs. Alarm to be cleared by the operator at the management system.\nReason: Unknown cause		
Remedial action: No action is required.		

Table 26-1110 IK8610248 - case 4

Alarm	Attributes	Applicable major releases
Name: IK8610248 (7503) Type: processingErrorAlarm (81) Package: lmg Raised on class: lmg.LMGmngElement	Severity: minor Specific problem: case 4 (1730) Implicitly cleared: true Default probable cause: configurationOrCustomizationError (902)	<ul style="list-style-type: none"> LR14.3.MG
Description: Invalid value of parameter Use default value instead (variable parameters such as key, default value are also indicated). Alarm is cleared only after the server restart.\nReason: An parameter has an invalid value in server.properties		
Remedial action: Correct server. Properties and restart the Broadcast Delivery Server.		

Table 26-1111 IK8610250 - case 5

Alarm	Attributes	Applicable major releases
Name: IK8610250 (7504) Type: processingErrorAlarm (81) Package: lmg Raised on class: lmg.LMGmngElement	Severity: minor Specific problem: case 5 (1731) Implicitly cleared: true Default probable cause: configurationOrCustomizationError (902)	<ul style="list-style-type: none"> LR14.3.MG
Description: Invalid value of long parameter inferior to the min authorized value Use default value instead (variable parameters such as key, minimum value, default value are also indicated). Alarm is cleared only after the server restart.\nReason: An parameter has an invalid value in server.properties		
Remedial action: Correct server. Properties and restart the Broadcast Delivery Server.		

Table 26-1112 IK8610251 - case 6

Alarm	Attributes	Applicable major releases
Name: IK8610251 (7505) Type: processingErrorAlarm (81) Package: lmg Raised on class: lmg.LMGmngElement	Severity: minor Specific problem: case 6 (1732) Implicitly cleared: true Default probable cause: configurationOrCustomizationError (902)	<ul style="list-style-type: none"> LR14.3.MG
Description: Invalid value of parameter superior to the max authorized value. Use default value instead (variable parameters such as key, maximum value, default value are also indicated). Alarm is cleared only after the server restart.\nReason: An parameter has an invalid value in server.properties		
Remedial action: Correct server. Properties and restart the Broadcast Delivery Server.		

Table 26-1113 IK8610252 - case 7

Alarm	Attributes	Applicable major releases
Name: IK8610252 (7506) Type: processingErrorAlarm (81) Package: lmg Raised on class: lmg.LMGmngElement	Severity: minor Specific problem: case 7 (1737) Implicitly cleared: true Default probable cause: configurationOrCustomizationError (902)	<ul style="list-style-type: none"> LR14.3.MG
Description: Invalid value of parameter: not an integer Use default value instead (variable parameters such as key, default value are also indicated). Alarm is cleared only after the server restart.\nReason: An parameter has an invalid value in server.properties		
Remedial action: Correct server. Properties and restart the Broadcast Delivery Server.		

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Table 26-1114 IK8610254 - case 8

Alarm	Attributes	Applicable major releases
Name: IK8610254 (7507) Type: processingErrorAlarm (81) Package: lmg Raised on class: lmg.LMGmngElement	Severity: minor Specific problem: case 8 (1738) Implicitly cleared: true Default probable cause: configurationOrCustomizationError (902)	<ul style="list-style-type: none"> LR14.3.MG
Description: Invalid value of integer parameter inferior to the min authorized value Use default value instead (variable parameters such as key, minimum value, default value are also indicated). Alarm is cleared only after the server restart. Reason: An parameter has an invalid value in server.properties		
Remedial action: Correct server. Properties and restart the Broadcast Delivery Server.		

Table 26-1115 IK8610271 - case 2

Alarm	Attributes	Applicable major releases
Name: IK8610271 (7508) Type: processingErrorAlarm (81) Package: lmg Raised on class: lmg.LMGmngElement	Severity: critical Specific problem: case 2 (1727) Implicitly cleared: false Default probable cause: configurationOrCustomizationError (902)	<ul style="list-style-type: none"> LR14.3.MG
Description: Fails to initialize FluteEngine library (variable parameters such as deliveryInstanceid are also indicated). Alarm to be cleared by the operator at the management system. Reason: Unknown cause. Can be an error in installation		
Remedial action: Reinstall the Broadcast Delivery Server.		

Table 26-1116 IK8610286 - up

Alarm	Attributes	Applicable major releases
Name: IK8610286 (7509) Type: processingErrorAlarm (81) Package: lmg Raised on class: lmg.LMGmngElement	Severity: critical Specific problem: up (1742) Implicitly cleared: true Default probable cause: configurationOrCustomizationError (902)	<ul style="list-style-type: none"> LR14.3.MG
Description: Server config file not found in the indicated path. Alarm is cleared only after the server restart. Reason: server.properties is missing		
Remedial action: Add the server. Properties and restart.		

Table 26-1117 IK8610287 - Server. Properties can not be parsed

Alarm	Attributes	Applicable major releases
Name: IK8610287 (7510) Type: processingErrorAlarm (81) Package: lmg Raised on class: lmg.LMGmngElement	Severity: critical Specific problem: Server. Properties can not be parsed (1743) Implicitly cleared: true Default probable cause: configurationOrCustomizationError (902)	<ul style="list-style-type: none"> LR14.3.MG
Description: Server config file invalid. Alarm is cleared only after the server restart.\nReason: server.properties format is not valid		
Remedial action: Correction the server. Properties file and restart.		

Table 26-1118 IK8610288 - Server. Properties can not be read

Alarm	Attributes	Applicable major releases
Name: IK8610288 (7511) Type: processingErrorAlarm (81) Package: lmg Raised on class: lmg.LMGmngElement	Severity: critical Specific problem: Server. Properties can not be read (1744) Implicitly cleared: true Default probable cause: configurationOrCustomizationError (902)	<ul style="list-style-type: none"> LR14.3.MG
Description: exception_msg. Alarm is cleared only after the server restart.\nReason: server.properties is written or deleted while the Broadcast Delivery Server is reading it		
Remedial action: Restart the Broadcast Delivery Server.		

Table 26-1119 IK8610309 - case 7

Alarm	Attributes	Applicable major releases
Name: IK8610309 (7512) Type: processingErrorAlarm (81) Package: lmg Raised on class: lmg.LMGmngElement	Severity: minor Specific problem: case 7 (1737) Implicitly cleared: false Default probable cause: softwareError (718)	<ul style="list-style-type: none"> LR14.3.MG
Description: Error while removing file from database (variable parameters such as filePath are also indicated). Alarm to be cleared by the operator at the management system.\nReason: The database can not be reached		
Remedial action: Check that the mysql database is running.		

Table 26-1120 IK8610321 - case 1

Alarm	Attributes	Applicable major releases
Name: IK8610321 (7513) Type: processingErrorAlarm (81) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: case 1 (1718) Implicitly cleared: false Default probable cause: applicationSubsystemFailure (689)	<ul style="list-style-type: none"> LR14.3.MG
Description: Fails to init Flute Stream Generator for OnDemandFile Skip processing file (variable parameters such as filePath, deliveryInstanceCid are also indicated). Alarm to be cleared by the operator at the management system.\nReason: Unknown cause		
Remedial action: No action is required.		

Table 26-1121 IK8610322 - case 2

Alarm	Attributes	Applicable major releases
Name: IK8610322 (7514) Type: processingErrorAlarm (81) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: case 2 (1727) Implicitly cleared: false Default probable cause: applicationSubsystemFailure (689)	<ul style="list-style-type: none"> LR14.3.MG
Description: Fails to start stream generation process for file (variable parameters such as filePath, deliveryInstanceCid are also indicated). Alarm to be cleared by the operator at the management system.\nReason: Unknown cause		
Remedial action: No action is required.		

Table 26-1122 IK8610328 - The multiFEC library is missing or can be loaded

Alarm	Attributes	Applicable major releases
Name: IK8610328 (7515) Type: communicationsAlarm (4) Package: lmg Raised on class: lmg.LMGmngElement	Severity: critical Specific problem: The multiFEC library is missing or can be loaded (1746) Implicitly cleared: true Default probable cause: communicationsSubsystemFailure (915)	<ul style="list-style-type: none"> LR14.3.MG
Description: Multi FEC library not found (variable parameters such as path are also indicated). Alarm is cleared only after the server restart.\nReason: the multiFEC library is missing or can be loaded (libFECEncoder.so)		
Remedial action: Check the presence of the multiFEC library (libFECEncoder. So)		

Table 26-1123 IK8610333 - Problem with existence of the mime. Types file in the /config directory

Alarm	Attributes	Applicable major releases
Name: IK8610333 (7516) Type: processingErrorAlarm (81) Package: lmg Raised on class: lmg.LMGmngElement	Severity: minor Specific problem: Problem with existence of the mime. Types file in the /config directory (1747) Implicitly cleared: true Default probable cause: applicationSubsystemFailure (689)	<ul style="list-style-type: none"> LR14.3.MG
Description: Error when loading MIME_TYPES_FILE Default mime types will be used instead (variable parameters such as MimeTypes file are also indicated). Alarm is cleared only after the server restart.\nReason: the mime.types is missing.		
Remedial action: Check the format of this file. Add the mime. Types config file and restart the Broadcast Delivery Server.		

Table 26-1124 IK8610334 - License file not found or not valid

Alarm	Attributes	Applicable major releases
Name: IK8610334 (7517) Type: processingErrorAlarm (81) Package: lmg Raised on class: lmg.LMGmngElement	Severity: critical Specific problem: License file not found or not valid (1748) Implicitly cleared: true Default probable cause: configurationOrCustomizationError (902)	<ul style="list-style-type: none"> LR14.3.MG
Description: License file not found or not valid. Alarm is cleared only after the server restart.\nReason: License file not found, or can not be parsed		
Remedial action: Check licence file existence.		

Table 26-1125 IK8610335 - Problem with license

Alarm	Attributes	Applicable major releases
Name: IK8610335 (7518) Type: processingErrorAlarm (81) Package: lmg Raised on class: lmg.LMGmngElement	Severity: critical Specific problem: Problem with license (1749) Implicitly cleared: true Default probable cause: configurationOrCustomizationError (902)	<ul style="list-style-type: none"> LR14.3.MG
Description: exception_msg. New License to be ordered. Alarm is cleared only after the server restart.\nReason: The license doesn't authorize to run the Broadcast Delivery Server		
Remedial action: Order a new license .		

Table 26-1126 IK8610338 - case 3

Alarm	Attributes	Applicable major releases
Name: IK8610338 (7519) Type: processingErrorAlarm (81) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: case 3 (1729) Implicitly cleared: false Default probable cause: applicationSubsystemFailure (689)	<ul style="list-style-type: none"> LR14.3.MG
Description: Fails to initialize FluteSender library for control fragments (variable parameters such as deliveryInstanceId are also indicated). Alarm to be cleared by the operator at the management system. Reason: Broadcast Delivery Server deployment error		
Remedial action: Stop and reinstall the Broadcast Delivery Server		

Table 26-1127 IK8610346 - OriginatorUserName can not be blank and can not contains spaces

Alarm	Attributes	Applicable major releases
Name: IK8610346 (7520) Type: processingErrorAlarm (81) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: OriginatorUserName can not be blank and can not contains spaces (1751) Implicitly cleared: true Default probable cause: applicationSubsystemFailure (689)	<ul style="list-style-type: none"> LR14.3.MG
Description: Invalid value of server. Multicast. SDP. Originator parameter (variable parameters such as invalid parameter value, default value are also indicated). Alarm is cleared only after the server restart. Reason: server.multicast.SDP.originator is not found or incorrect in server.properties		
Remedial action: Correct server. Properties and restart the Broadcast Delivery Server.		

Table 26-1128 IK8610347 - No namespace for the control fragments has been configured

Alarm	Attributes	Applicable major releases
Name: IK8610347 (7521) Type: processingErrorAlarm (81) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: No namespace for the control fragments has been configured (1752) Implicitly cleared: true Default probable cause: configurationOrCustomizationError (902)	<ul style="list-style-type: none"> LR14.3.MG
Description: No namespace for the control fragments has been configured (variable parameters are also indicated). Alarm is cleared only after the server restart. Reason: No namespace configured		
Remedial action: Correct server. Properties and restart the Broadcast Delivery Server.		

Table 26-1129 IK8610348 - case 1

Alarm	Attributes	Applicable major releases
Name: IK8610348 (7522) Type: processingErrorAlarm (81) Package: lmg Raised on class: lmg.LMGmngElement	Severity: minor Specific problem: case 1 (1718) Implicitly cleared: false Default probable cause: applicationSubsystemFailure (689)	<ul style="list-style-type: none"> LR14.3.MG
Description: Stop task for flute stream preparation process could not be stopped. Task not registered (variable parameters such as processId are also indicated). Alarm to be cleared by the operator at the management system.\nReason: Internal error		
Remedial action: No action is required.		

Table 26-1130 IK8610357 - case 11

Alarm	Attributes	Applicable major releases
Name: IK8610357 (7523) Type: processingErrorAlarm (81) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: case 11 (1771) Implicitly cleared: false Default probable cause: softwareError (718)	<ul style="list-style-type: none"> LR14.3.MG
Description: Fails to create new TOI (Transport Object Identifier) (variable parameters such as cause are also indicated). Alarm to be cleared by the operator at the management system.\nReason: The database can not be reached		
Remedial action: Check that the mysql database is running.		

Table 26-1131 IK8610359 - case 12

Alarm	Attributes	Applicable major releases
Name: IK8610359 (7524) Type: processingErrorAlarm (81) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: case 12 (1772) Implicitly cleared: false Default probable cause: softwareError (718)	<ul style="list-style-type: none"> LR14.3.MG
Description: Fails to remove TOI (Transport Object Identifier) (variable parameters such as cause are also indicated). Alarm to be cleared by the operator at the management system.\nReason: The database can not be reached		
Remedial action: Check that the mysql database is running.		

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Table 26-1132 IK8610360 - case 13

Alarm	Attributes	Applicable major releases
Name: IK8610360 (7525) Type: processingErrorAlarm (81) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: case 13 (1773) Implicitly cleared: false Default probable cause: softwareError (718)	<ul style="list-style-type: none"> LR14.3.MG
Description: Fails to get OnDemanFile count (variable parameters such as cause are also indicated). Alarm to be cleared by the operator at the management system. Reason: The database can not be reached		
Remedial action: Check that the mysql database is running.		

Table 26-1133 IK8610361 - TOI range [1, 65535] are full

Alarm	Attributes	Applicable major releases
Name: IK8610361 (7526) Type: processingErrorAlarm (81) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: TOI range [1, 65535] are full (1774) Implicitly cleared: true Default probable cause: storageCapacityProblem (679)	<ul style="list-style-type: none"> LR14.3.MG
Description: TOI (Transport Object Identifier) full. Alarm is cleared by the system. Reason: There are near 65535 files in base		
Remedial action: Remove some files before adding new one		

Table 26-1134 IK8610362 - case 14

Alarm	Attributes	Applicable major releases
Name: IK8610362 (7527) Type: processingErrorAlarm (81) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: case 14 (1775) Implicitly cleared: false Default probable cause: softwareError (718)	<ul style="list-style-type: none"> LR14.3.MG
Description: Fails to get OnDemanFile with TOI (Transport Object Identifier) (variable parameters such as toi, cause are also indicated). Alarm to be cleared by the operator at the management system. Reason: The database can not be reached		
Remedial action: Check that the mysql database is running.		

Table 26-1135 IK8610363 - The MIB could not be initialized

Alarm	Attributes	Applicable major releases
Name: IK8610363 (7528) Type: processingErrorAlarm (81) Package: Img Raised on class: Img.LMGmngElement	Severity: critical Specific problem: The MIB could not be initialized (1758) Implicitly cleared: true Default probable cause: applicationSubsystemFailure (689)	<ul style="list-style-type: none"> LR14.3.MG
Description: Error when initializing the MIB (variable parameters such as exception are also indicated). Alarm is cleared only after the server restart. Reason: Various possible causes, to be analyzed according the message		
Remedial action: No action is required.		

Table 26-1136 IK8610410 - The add content request returns BAD REQUEST

Alarm	Attributes	Applicable major releases
Name: IK8610410 (7529) Type: processingErrorAlarm (81) Package: Img Raised on class: Img.LMGmngElement	Severity: major Specific problem: The add content request returns BAD REQUEST (1776) Implicitly cleared: true Default probable cause: configurationOrCustomizationError (902)	<ul style="list-style-type: none"> LR14.3.MG
Description: Add content forbidden. Alarm is cleared only after the server restart. Reason: Misconfiguration		
Remedial action: Check server. Properties server. Flute. Module parameter		

Table 26-1137 IK8610411 - The add control fragment request returns BAD REQUEST

Alarm	Attributes	Applicable major releases
Name: IK8610411 (7530) Type: processingErrorAlarm (81) Package: Img Raised on class: Img.LMGmngElement	Severity: major Specific problem: The add control fragment request returns BAD REQUEST (1777) Implicitly cleared: true Default probable cause: configurationOrCustomizationError (902)	<ul style="list-style-type: none"> LR14.3.MG
Description: Add control fragment forbidden. Alarm is cleared only after the server restart. Reason: Misconfiguration		
Remedial action: Check server. Properties server. Flute. Module parameter		

Table 26-1138 IK8610412 - The remove content request returns BAD REQUEST

Alarm	Attributes	Applicable major releases
Name: IK8610412 (7531) Type: processingErrorAlarm (81) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: The remove content request returns BAD REQUEST (1778) Implicitly cleared: true Default probable cause: configurationOrCustomizationError (902)	<ul style="list-style-type: none"> LR14.3.MG
Description: Remove content forbidden. Alarm is cleared only after the server restart.\nReason: Misconfiguration		
Remedial action: Check server. Properties server. Flute. Module parameter		

Table 26-1139 IK8610413 - The create delivery instance request returns BAD REQUEST

Alarm	Attributes	Applicable major releases
Name: IK8610413 (7532) Type: processingErrorAlarm (81) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: The create delivery instance request returns BAD REQUEST (1779) Implicitly cleared: true Default probable cause: configurationOrCustomizationError (902)	<ul style="list-style-type: none"> LR14.3.MG
Description: Create delivery instance forbidden. Alarm is cleared only after the server restart.\nReason: Misconfiguration		
Remedial action: Check server. Properties server. Flute. Module parameter		

Table 26-1140 IK8610414 - The create delivery session request returns BAD REQUEST

Alarm	Attributes	Applicable major releases
Name: IK8610414 (7533) Type: processingErrorAlarm (81) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: The create delivery session request returns BAD REQUEST (1780) Implicitly cleared: true Default probable cause: configurationOrCustomizationError (902)	<ul style="list-style-type: none"> LR14.3.MG
Description: Create delivery session forbidden. Alarm is cleared only after the server restart.\nReason: Misconfiguration		
Remedial action: Check server. Properties server. Flute. Module parameter		

Table 26-1141 IK8610415 - The delete delivery instance request returns BAD REQUEST

Alarm	Attributes	Applicable major releases
Name: IK8610415 (7534) Type: processingErrorAlarm (81) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: The delete delivery instance request returns BAD REQUEST (1781) Implicitly cleared: true Default probable cause: configurationOrCustomizationError (902)	<ul style="list-style-type: none"> LR14.3.MG
Description: Delete delivery instance forbidden. Alarm is cleared only after the server restart.\nReason: Misconfiguration		
Remedial action: Check server. Properties server. Flute. Module parameter		

Table 26-1142 IK8610416 - The delete delivery session request returns BAD REQUEST

Alarm	Attributes	Applicable major releases
Name: IK8610416 (7535) Type: processingErrorAlarm (81) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: The delete delivery session request returns BAD REQUEST (1782) Implicitly cleared: true Default probable cause: configurationOrCustomizationError (902)	<ul style="list-style-type: none"> LR14.3.MG
Description: Delete delivery session forbidden. Alarm is cleared only after the server restart.\nReason: Misconfiguration		
Remedial action: Check server. Properties server. Flute. Module parameter		

Table 26-1143 IK8610417 - The display delivery session information request returns BAD REQUEST

Alarm	Attributes	Applicable major releases
Name: IK8610417 (7536) Type: processingErrorAlarm (81) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: The display delivery session information request returns BAD REQUEST (1783) Implicitly cleared: true Default probable cause: configurationOrCustomizationError (902)	<ul style="list-style-type: none"> LR14.3.MG
Description: Display delivery session information forbidden. Alarm is cleared only after the server restart.\nReason: Misconfiguration		
Remedial action: Check server. Properties server. Flute. Module parameter		

Table 26-1144 IK8613228 - License is expired, contact the support to renew the license

Alarm	Attributes	Applicable major releases
Name: IK8613228 (7537) Type: processingErrorAlarm (81) Package: lmg Raised on class: lmg.LMGmngElement	Severity: critical Specific problem: License is expired, contact the support to renew the license (1766) Implicitly cleared: true Default probable cause: configurationOrCustomizationError (902)	<ul style="list-style-type: none"> LR14.3.MG
Description: License is expired.. Alarm is cleared only after the server restart.\nReason: License is expired		
Remedial action: Contact the support to renew the license.		

Table 26-1145 IK8613229 - License is invalid. Make sure that all the network interfaces are activated and retry

Alarm	Attributes	Applicable major releases
Name: IK8613229 (7538) Type: processingErrorAlarm (81) Package: lmg Raised on class: lmg.LMGmngElement	Severity: critical Specific problem: License is invalid. Make sure that all the network interfaces are activated and retry (1767) Implicitly cleared: true Default probable cause: applicationSubsystemFailure (689)	<ul style="list-style-type: none"> LR14.3.MG
Description: Copy protection verification fails.. Alarm is cleared only after the server restart.\nReason: Copy protection verification fails		
Remedial action: Check the server is installed correctly and connected on the network. Contact the support.		

Table 26-1146 IK8613267 - License is invalid, contact the support

Alarm	Attributes	Applicable major releases
Name: IK8613267 (7539) Type: processingErrorAlarm (81) Package: lmg Raised on class: lmg.LMGmngElement	Severity: critical Specific problem: License is invalid, contact the support (1768) Implicitly cleared: true Default probable cause: configurationOrCustomizationError (902)	<ul style="list-style-type: none"> LR14.3.MG
Description: Unknown license for this server. Alarm is cleared only after the server restart.\nReason: The license doesn't authorize to run the Broadcast Delivery Server		
Remedial action: Order a new license.		

Table 26-1147 IK8650005 - mcdp alarm trap v1

Alarm	Attributes	Applicable major releases
Name: IK8650005 (7540) Type: processingErrorAlarm (81) Package: lmg Raised on class: lmg.LMGmngElement	Severity: variable Specific problem: mcdp alarm trap v1 (1590) Implicitly cleared: false Default probable cause: applicationSubsystemFailure (689)	<ul style="list-style-type: none"> LR14.3.MG
Description: mcdp alarm alarm v1.\nAlarm to be cleared by the operator at the management system.\nReason: alarmTrapV1		
Remedial action: If the problem persists, contact Alcatel-Lucent customer support.		

Table 26-1148 IK8650006 - Trap associated to an alarm of the managed element

Alarm	Attributes	Applicable major releases
Name: IK8650006 (7541) Type: processingErrorAlarm (81) Package: lmg Raised on class: lmg.LMGmngElement	Severity: variable Specific problem: Trap associated to an alarm of the managed element (1591) Implicitly cleared: false Default probable cause: applicationSubsystemFailure (689)	<ul style="list-style-type: none"> LR14.3.MG
Description: Trap associated to an alarm of the managed element.\nAlarm to be cleared by the operator at the management system.\nReason: alarmTrap		
Remedial action: If the problem persists, contact Alcatel-Lucent customer support.		

Table 26-1149 IK8650007 - softwareFailure

Alarm	Attributes	Applicable major releases
Name: IK8650007 (7542) Type: processingErrorAlarm (81) Package: lmg Raised on class: lmg.LMGmngElement	Severity: variable Specific problem: softwareFailure (1592) Implicitly cleared: false Default probable cause: softwareError (718)	<ul style="list-style-type: none"> LR14.3.MG
Description: Trap associated to an alarm while executing software operation (download, activation, validation, reject, backup).\nAlarm to be cleared by the operator at the management system.\nReason: softwareFailure		
Remedial action: If the problem persists, contact Alcatel-Lucent customer support.		

Table 26-1150 IK8650981 - Cluster Node Degraded

Alarm	Attributes	Applicable major releases
Name: IK8650981 (7543) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGmngElement	Severity: minor Specific problem: Cluster Node Degraded (1593) Implicitly cleared: false Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> LR14.3.MG
Description: This alarm will be sent any time the condition of a node in the cluster becomes degraded.\nAlarm to be cleared by the operator at the management system.\nReason: cpqClusterNodeDegraded		
Remedial action: Make a note of the cluster node name then check the node for the cause of the degraded condition.		

Table 26-1151 IK8650982 - Cluster Node Failed

Alarm	Attributes	Applicable major releases
Name: IK8650982 (7544) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: Cluster Node Failed (1428) Implicitly cleared: false Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> LR14.3.MG
Description: This alarm will be sent any time the condition of a node in the cluster becomes failed.\nAlarm to be cleared by the operator at the management system.\nReason: cpqClusterNodeFailed		
Remedial action: Make a note of the cluster node name then check the node for the cause of the failure.		

Table 26-1152 IK8650983 - Cluster Resource Degraded

Alarm	Attributes	Applicable major releases
Name: IK8650983 (7545) Type: processingErrorAlarm (81) Package: lmg Raised on class: lmg.LMGmngElement	Severity: minor Specific problem: Cluster Resource Degraded (1594) Implicitly cleared: false Default probable cause: underlyingResourceUnavailable (724)	<ul style="list-style-type: none"> LR14.3.MG
Description: This alarm will be sent any time the condition of a cluster resource becomes degraded.\nAlarm to be cleared by the operator at the management system.\nReason: cpqClusterResourceDegraded		
Remedial action: Make a note of the cluster resource name then check the resource for the cause of the degraded condition.		

Table 26-1153 IK8650984 - Cluster Resource Failed

Alarm	Attributes	Applicable major releases
Name: IK8650984 (7546) Type: processingErrorAlarm (81) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: Cluster Resource Failed (1429) Implicitly cleared: false Default probable cause: underlyingResourceUnavailable (724)	<ul style="list-style-type: none"> LR14.3.MG
Description: This alarm will be sent any time the condition of a cluster resource becomes failed. Alarm to be cleared by the operator at the management system. Reason: cpqClusterResourceFailed		
Remedial action: Make a note of the cluster resource name then check the resource for the cause of the failure.		

Table 26-1154 IK8650985 - Cluster Network Degraded

Alarm	Attributes	Applicable major releases
Name: IK8650985 (7547) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGmngElement	Severity: minor Specific problem: Cluster Network Degraded (1595) Implicitly cleared: false Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> LR14.3.MG
Description: This alarm will be sent any time the condition of a cluster network becomes degraded. Alarm to be cleared by the operator at the management system. Reason: cpqClusterNetworkDegraded		
Remedial action: Make a note of the cluster network name then check the network for the cause of the degraded condition.		

Table 26-1155 IK8650986 - Cluster Network Failed

Alarm	Attributes	Applicable major releases
Name: IK8650986 (7548) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: Cluster Network Failed (1430) Implicitly cleared: false Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> LR14.3.MG
Description: This alarm will be sent any time the condition of a cluster network becomes failed. Alarm to be cleared by the operator at the management system. Reason: cpqClusterNetworkFailed		
Remedial action: Make a note of the cluster network name then check the network for the cause of the failure.		

Table 26-1156 IK8650987 - alarm

Alarm	Attributes	Applicable major releases
Name: IK8650987 (7549) Type: environmentalAlarm (2) Package: lmg Raised on class: lmg.LMGmngElement	Severity: warning Specific problem: alarm (1596) Implicitly cleared: false Default probable cause: temperatureUnacceptable (721)	<ul style="list-style-type: none"> LR14.3.MG
Description: The temperature at rack sensor 1 is outside the specified threshold.\nAlarm to be cleared by the operator at the management system.\nReason: cpqCmcalarmTemp1		
Remedial action: Check the air handling system for the rack and refer to Trap Details for more information.		

Table 26-1157 IK8650988 - alarm

Alarm	Attributes	Applicable major releases
Name: IK8650988 (7550) Type: environmentalAlarm (2) Package: lmg Raised on class: lmg.LMGmngElement	Severity: warning Specific problem: alarm (1596) Implicitly cleared: false Default probable cause: temperatureUnacceptable (721)	<ul style="list-style-type: none"> LR14.3.MG
Description: The temperature at rack sensor 2 is outside the specified threshold.\nAlarm to be cleared by the operator at the management system.\nReason: cpqCmcalarmTemp2		
Remedial action: Check the air handling system for the rack and refer to Trap Details for more information.		

Table 26-1158 IK8650989 - alarm

Alarm	Attributes	Applicable major releases
Name: IK8650989 (7551) Type: environmentalAlarm (2) Package: lmg Raised on class: lmg.LMGmngElement	Severity: warning Specific problem: alarm (1596) Implicitly cleared: false Default probable cause: coolingFanFailure (651)	<ul style="list-style-type: none"> LR14.3.MG
Description: The status of Fan 1 has changed.\nAlarm to be cleared by the operator at the management system.\nReason: cpqCmcalarmFan1		
Remedial action: Refer to Trap Details for more information.		

Table 26-1159 IK8650990 - alarm

Alarm	Attributes	Applicable major releases
Name: IK8650990 (7552) Type: environmentalAlarm (2) Package: lmg Raised on class: lmg.LMGmngElement	Severity: warning Specific problem: alarm (1596) Implicitly cleared: false Default probable cause: coolingFanFailure (651)	<ul style="list-style-type: none"> LR14.3.MG
Description: The status of Fan 2 has changed.\nAlarm to be cleared by the operator at the management system.\nReason: cpqCmcalarmFan2		
Remedial action: Refer to Trap Details for more information.		

Table 26-1160 IK8650991 - alarm

Alarm	Attributes	Applicable major releases
Name: IK8650991 (7553) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGmngElement	Severity: warning Specific problem: alarm (1596) Implicitly cleared: false Default probable cause: powerProblem (911)	<ul style="list-style-type: none"> LR14.3.MG
Description: The AC voltage of the rack is outside the specified threshold.\nAlarm to be cleared by the operator at the management system.\nReason: cpqCmcalarmVoltage		
Remedial action: Check the incoming power source and ensure all cables are inserted correctly.		

Table 26-1161 IK8650992 - alarm

Alarm	Attributes	Applicable major releases
Name: IK8650992 (7554) Type: environmentalAlarm (2) Package: lmg Raised on class: lmg.LMGmngElement	Severity: warning Specific problem: alarm (1596) Implicitly cleared: false Default probable cause: humidityUnacceptable (702)	<ul style="list-style-type: none"> LR14.3.MG
Description: The humidity of the rack is outside the specified threshold.\nAlarm to be cleared by the operator at the management system.\nReason: cpqCmcalarmHumidity		
Remedial action: Check the air handling system for the rack and refer to Trap Details for more information.		

Table 26-1162 IK8650993 - alarm

Alarm	Attributes	Applicable major releases
Name: IK8650993 (7555) Type: environmentalAlarm (2) Package: lmg Raised on class: lmg.LMGmngElement	Severity: warning Specific problem: alarm (1596) Implicitly cleared: false Default probable cause: intrusionDetection (670)	<ul style="list-style-type: none"> LR14.3.MG
Description: The door or sidepanel of the rack has been opened (access point #1).\nAlarm to be cleared by the operator at the management system.\nReason: cpqCmcalarmInput1		
Remedial action: Check for unauthorized intrusion and refer to Trap Details for more information.		

Table 26-1163 IK8650994 - alarm

Alarm	Attributes	Applicable major releases
Name: IK8650994 (7556) Type: environmentalAlarm (2) Package: lmg Raised on class: lmg.LMGmngElement	Severity: warning Specific problem: alarm (1596) Implicitly cleared: false Default probable cause: intrusionDetection (670)	<ul style="list-style-type: none"> LR14.3.MG
Description: The door or sidepanel of the rack has been opened (access point #2).\nAlarm to be cleared by the operator at the management system.\nReason: cpqCmcalarmInput2		
Remedial action: Check for unauthorized intrusion and refer to Trap Details for more information.		

Table 26-1164 IK8650995 - alarm

Alarm	Attributes	Applicable major releases
Name: IK8650995 (7557) Type: environmentalAlarm (2) Package: lmg Raised on class: lmg.LMGmngElement	Severity: warning Specific problem: alarm (1596) Implicitly cleared: false Default probable cause: intrusionDetection (670)	<ul style="list-style-type: none"> LR14.3.MG
Description: The door or sidepanel of the rack has been opened (access point #3).\nAlarm to be cleared by the operator at the management system.\nReason: cpqCmcalarmInput3		
Remedial action: Check for unauthorized intrusion and refer to Trap Details for more information.		

Table 26-1165 IK8650996 - alarm

Alarm	Attributes	Applicable major releases
Name: IK8650996 (7558) Type: environmentalAlarm (2) Package: lmg Raised on class: lmg.LMGmngElement	Severity: warning Specific problem: alarm (1596) Implicitly cleared: false Default probable cause: intrusionDetection (670)	<ul style="list-style-type: none"> LR14.3.MG
Description: The door or sidepanel of the rack has been opened (access point #4).\nAlarm to be cleared by the operator at the management system.\nReason: cpqCmcalarmInput4		
Remedial action: Check for unauthorized intrusion and refer to Trap Details for more information.		

Table 26-1166 IK8650997 - locking-alarm

Alarm	Attributes	Applicable major releases
Name: IK8650997 (7559) Type: processingErrorAlarm (81) Package: lmg Raised on class: lmg.LMGmngElement	Severity: warning Specific problem: locking-alarm (1597) Implicitly cleared: false Default probable cause: configurationOrCustomizationError (902)	<ul style="list-style-type: none"> LR14.3.MG
Description: Rack door lock #1 alarm.\nAlarm to be cleared by the operator at the management system.\nReason: cpqCmcalarmLock1		
Remedial action: Ensure the door is completely closed and check for unauthorized intrusion and refer to Trap Details for more information.		

Table 26-1167 IK8650998 - locking-alarm

Alarm	Attributes	Applicable major releases
Name: IK8650998 (7560) Type: processingErrorAlarm (81) Package: lmg Raised on class: lmg.LMGmngElement	Severity: warning Specific problem: locking-alarm (1597) Implicitly cleared: false Default probable cause: configurationOrCustomizationError (902)	<ul style="list-style-type: none"> LR14.3.MG
Description: Rack door lock #2 alarm.\nAlarm to be cleared by the operator at the management system.\nReason: cpqCmcalarmLock2		
Remedial action: Ensure the door is completely closed and check for unauthorized intrusion and refer to Trap Details for more information.		

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Table 26-1168 IK8650999 - alarm

Alarm	Attributes	Applicable major releases
Name: IK8650999 (7561) Type: environmentalAlarm (2) Package: lmg Raised on class: lmg.LMGmngElement	Severity: warning Specific problem: alarm (1596) Implicitly cleared: false Default probable cause: smoke (676)	<ul style="list-style-type: none"> LR14.3.MG
Description: The rack smoke detector has detected smoke.\nAlarm to be cleared by the operator at the management system.\nReason: cpqCmcalarmSmoke		
Remedial action: Investigate rack for an over temperature condition and refer to Trap Details for more information.		

Table 26-1169 IK8651000 - alarm

Alarm	Attributes	Applicable major releases
Name: IK8651000 (7562) Type: environmentalAlarm (2) Package: lmg Raised on class: lmg.LMGmngElement	Severity: warning Specific problem: alarm (1596) Implicitly cleared: false Default probable cause: excessiveVibration (699)	<ul style="list-style-type: none"> LR14.3.MG
Description: The rack shock detector has detected a vibration to the rack.\nAlarm to be cleared by the operator at the management system.\nReason: cpqCmcalarmShock		
Remedial action: Investigate rack.		

Table 26-1170 IK8651001 - alarm

Alarm	Attributes	Applicable major releases
Name: IK8651001 (7563) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGmngElement	Severity: warning Specific problem: alarm (1596) Implicitly cleared: false Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> LR14.3.MG
Description: The rack auxiliary alarm input #1 has been triggered.\nAlarm to be cleared by the operator at the management system.\nReason: cpqCmcalarmAux1		
Remedial action: If the problem persists, contact Alcatel-Lucent customer support.		

Table 26-1171 IK8651002 - alarm

Alarm	Attributes	Applicable major releases
Name: IK8651002 (7564) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGmngElement	Severity: warning Specific problem: alarm (1596) Implicitly cleared: false Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> LR14.3.MG
Description: The rack auxiliary alarm input #2 has been triggered.\nAlarm to be cleared by the operator at the management system.\nReason: cpqCmcalarmAux2		
Remedial action: If the problem persists, contact Alcatel-Lucent customer support.		

Table 26-1172 IK8651003 - alarm

Alarm	Attributes	Applicable major releases
Name: IK8651003 (7565) Type: communicationsAlarm (4) Package: lmg Raised on class: lmg.LMGmngElement	Severity: warning Specific problem: alarm (1596) Implicitly cleared: false Default probable cause: communicationsSubsystemFailure (915)	<ul style="list-style-type: none"> LR14.3.MG
Description: Alarm 1, set from Network management\nAlarm to be cleared by the operator at the management system.\nReason: cpqCmcalarm1		
Remedial action: If the problem persists, contact Alcatel-Lucent customer support.		

Table 26-1173 IK8651004 - alarm

Alarm	Attributes	Applicable major releases
Name: IK8651004 (7566) Type: communicationsAlarm (4) Package: lmg Raised on class: lmg.LMGmngElement	Severity: warning Specific problem: alarm (1596) Implicitly cleared: false Default probable cause: communicationsSubsystemFailure (915)	<ul style="list-style-type: none"> LR14.3.MG
Description: Alarm 2, set from Network management\nAlarm to be cleared by the operator at the management system.\nReason: cpqCmcalarm2		
Remedial action: If the problem persists, contact Alcatel-Lucent customer support.		

Table 26-1174 IK8651005 - locking-alarm of device

Alarm	Attributes	Applicable major releases
Name: IK8651005 (7567) Type: processingErrorAlarm (81) Package: lmg Raised on class: lmg.LMGmngElement	Severity: warning Specific problem: locking-alarm of device (1598) Implicitly cleared: false Default probable cause: configurationOrCustomizationError (902)	<ul style="list-style-type: none"> LR14.3.MG
Description: The rack door locking device #1 has failed.\nAlarm to be cleared by the operator at the management system.\nReason: cpqCmcalarmLock1Dev		
Remedial action: Check the device lock cable or failed battery and refer to Trap Details for more information.		

Table 26-1175 IK8651006 - locking-alarm of device

Alarm	Attributes	Applicable major releases
Name: IK8651006 (7568) Type: processingErrorAlarm (81) Package: lmg Raised on class: lmg.LMGmngElement	Severity: warning Specific problem: locking-alarm of device (1598) Implicitly cleared: false Default probable cause: configurationOrCustomizationError (902)	<ul style="list-style-type: none"> LR14.3.MG
Description: The rack door locking device #2 has failed.\nAlarm to be cleared by the operator at the management system.\nReason: cpqCmcalarmLock2Dev		
Remedial action: Check the device lock cable or failed battery and refer to Trap Details for more information.		

Table 26-1176 IK8651008 - The primary controller in the subsystem has failed

Alarm	Attributes	Applicable major releases
Name: IK8651008 (7569) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: The primary controller in the subsystem has failed (1431) Implicitly cleared: false Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> LR14.3.MG
Description: The primary controller in the subsystem has failed. Details: The primary Controller has failed.\nAlarm to be cleared by the operator at the management system.\nReason: cpqCrController1FailureTrap		
Remedial action: Replace controller. Possible causes are controller physically removed, actual hardware failure.		

Table 26-1177 IK8651010 - The secondary controller in the subsystem has failed

Alarm	Attributes	Applicable major releases
Name: IK8651010 (7570) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: The secondary controller in the subsystem has failed (1432) Implicitly cleared: false Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> LR14.3.MG
Description: The secondary controller in the subsystem has failed. Details: The secondary controller has failed.\nAlarm to be cleared by the operator at the management system.\nReason: cpqCrController2FailureTrap		
Remedial action: Replace controller. Possible causes are controller physically removed, actual hardware failure.		

Table 26-1178 IK8651013 - A RAIDset has failed

Alarm	Attributes	Applicable major releases
Name: IK8651013 (7571) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: A RAIDset has failed (1433) Implicitly cleared: false Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> LR14.3.MG
Description: A RAIDset has failed. Details: The RAIDset has failed and is off-line.\nAlarm to be cleared by the operator at the management system.\nReason: cpqCrLogDriveFailureTrap		
Remedial action: Possible cause is too many failed disk drives that make up the RAIDset, the OS can no longer communicate with the RAIDset for other reasons.		

Table 26-1179 IK8651015 - A RAIDset has become degraded

Alarm	Attributes	Applicable major releases
Name: IK8651015 (7572) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGmngElement	Severity: minor Specific problem: A RAIDset has become degraded (1599) Implicitly cleared: false Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> LR14.3.MG
Description: A RAIDset has become degraded. Details: A RAIDset has become degraded due to a member disk device failure.\nAlarm to be cleared by the operator at the management system.\nReason: cpqCrLogDriveReducedTrap		
Remedial action: Replace the failed disk device; add a spare to the system to cause a reconstruct.		

Table 26-1180 IK8651018 - A disk drive has failed

Alarm	Attributes	Applicable major releases
Name: IK8651018 (7573) Type: processingErrorAlarm (81) Package: lmg Raised on class: lmg.LMGMngElement	Severity: major Specific problem: A disk drive has failed (1434) Implicitly cleared: true Default probable cause: storageCapacityProblem (679)	<ul style="list-style-type: none"> LR14.3.MG
Description: A disk drive has failed. Details: A disk device has failed.\nAlarm is cleared by the system.\nReason: cpqCrDiskFailureTrap		
Remedial action: Replace the disk device.		

Table 26-1181 IK8651023 - A disk drive has failed

Alarm	Attributes	Applicable major releases
Name: IK8651023 (7574) Type: processingErrorAlarm (81) Package: lmg Raised on class: lmg.LMGMngElement	Severity: major Specific problem: A disk drive has failed (1434) Implicitly cleared: false Default probable cause: storageCapacityProblem (679)	<ul style="list-style-type: none"> LR14.3.MG
Description: A disk drive has failed. Details: A disk device has failed.\nAlarm to be cleared by the operator at the management system.\nReason: cpqCrPhyDiskFailureTrap		
Remedial action: Replace the disk device.		

Table 26-1182 IK8651028 - Fan has failed

Alarm	Attributes	Applicable major releases
Name: IK8651028 (7575) Type: environmentalAlarm (2) Package: lmg Raised on class: lmg.LMGMngElement	Severity: minor Specific problem: Fan has failed (1600) Implicitly cleared: false Default probable cause: coolingFanFailure (651)	<ul style="list-style-type: none"> LR14.3.MG
Description: Fan has failed. Details: One of the cooling fans in the primary enclosure has failed.\nAlarm to be cleared by the operator at the management system.\nReason: cpqCrEMUFanFailureTrap		
Remedial action: Replace the cooling fan. Possible causes are fan physically removed, actual hardware failure.		

Table 26-1183 IK8651030 - Power supply has failed

Alarm	Attributes	Applicable major releases
Name: IK8651030 (7576) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: Power supply has failed (1435) Implicitly cleared: true Default probable cause: powerProblem (911)	<ul style="list-style-type: none"> LR14.3.MG
Description: Power supply has failed. Details: One of the power supplies in the primary enclosure has failed.\nAlarm is cleared by the system.\nReason: cpqCrEMUPowerSupplyFailureTrap		
Remedial action: Replace the power supply. Possible causes are power supply physically removed, power cord unplugged, actual hardware failure.		

Table 26-1184 IK8651032 - Primary enclosure temperature warning

Alarm	Attributes	Applicable major releases
Name: IK8651032 (7577) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGmngElement	Severity: warning Specific problem: Primary enclosure temperature warning (1601) Implicitly cleared: false Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> LR14.3.MG
Description: Primary enclosure temperature warning. Details: The temperature in the primary enclosure has triggered a warning condition detected by the controller.\nAlarm to be cleared by the operator at the management system.\nReason: cpqCrEMUTemperatureWarningTrap		
Remedial action: Check the cooling fans in the primary enclosure.		

Table 26-1185 IK8651033 - Primary enclosure temperature critical!

Alarm	Attributes	Applicable major releases
Name: IK8651033 (7578) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGmngElement	Severity: critical Specific problem: Primary enclosure temperature critical! (1436) Implicitly cleared: false Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> LR14.3.MG
Description: Primary enclosure temperature critical!. Details: The temperature in the primary enclosure has triggered a critical condition detected by the controller.\nAlarm to be cleared by the operator at the management system.\nReason: cpqCrEMUTemperatureCriticalTrap		
Remedial action: Check the cooling fans in the primary enclosure.		

Table 26-1186 IK8651035 - Fan has failed in expansion cabinet

Alarm	Attributes	Applicable major releases
Name: IK8651035 (7579) Type: environmentalAlarm (2) Package: lmg Raised on class: lmg.LMGmngElement	Severity: minor Specific problem: Fan has failed in expansion cabinet (1602) Implicitly cleared: false Default probable cause: coolingFanFailure (651)	<ul style="list-style-type: none"> LR14.3.MG
Description: Fan has failed in expansion cabinet. Details: One of the cooling fans in the expansion cabinet has failed.\nAlarm to be cleared by the operator at the management system.\nReason: cpqCrExpCabFanFailureTrap		
Remedial action: Replace the cooling fan. Possible causes are fan physically removed, actual hardware failure.		

Table 26-1187 IK8651037 - Power supply has failed

Alarm	Attributes	Applicable major releases
Name: IK8651037 (7580) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: Power supply has failed (1435) Implicitly cleared: true Default probable cause: powerProblem (911)	<ul style="list-style-type: none"> LR14.3.MG
Description: Power supply has failed. Details: One of the power supplies in the expansion cabinet has failed.\nAlarm is cleared by the system.\nReason: cpqCrExpCabPowerSupplyFailureTrap		
Remedial action: Replace the power supply. Possible causes are power supply physically removed, power cord unplugged, actual hardware failure.		

Table 26-1188 IK8651039 - Expansion cabinet temperature warning

Alarm	Attributes	Applicable major releases
Name: IK8651039 (7581) Type: environmentalAlarm (2) Package: lmg Raised on class: lmg.LMGmngElement	Severity: warning Specific problem: Expansion cabinet temperature warning (1603) Implicitly cleared: false Default probable cause: temperatureUnacceptable (721)	<ul style="list-style-type: none"> LR14.3.MG
Description: Expansion cabinet temperature warning. Details: The temperature in the expansion cabinet has triggered a warning condition detected by the controller.\nAlarm to be cleared by the operator at the management system.\nReason: cpqCrExpCabTemperatureWarningTrap		
Remedial action: Check the cooling fans in the expansion cabinet.		

Table 26-1189 IK8651040 - cpqCrExpCabTemperatureCriticalTrap

Alarm	Attributes	Applicable major releases
Name: IK8651040 (7582) Type: environmentalAlarm (2) Package: lmg Raised on class: lmg.LMGmngElement	Severity: critical Specific problem: cpqCrExpCabTemperatureCriticalTrap (1437) Implicitly cleared: false Default probable cause: temperatureUnacceptable (721)	<ul style="list-style-type: none"> LR14.3.MG
Description: Expansion cabinet temperature critical! Details: The temperature in the expansion cabinet has triggered a critical condition detected by the controller.\nAlarm to be cleared by the operator at the management system.\nReason: cpqCrExpCabTemperatureCriticalTrap		
Remedial action: Check the cooling fans in the expansion cabinet.		

Table 26-1190 IK8651059 - External Array Accelerator Board Bad Data

Alarm	Attributes	Applicable major releases
Name: IK8651059 (7583) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGmngElement	Severity: warning Specific problem: External Array Accelerator Board Bad Data (1604) Implicitly cleared: false Default probable cause: powerProblem (911)	<ul style="list-style-type: none"> LR14.3.MG
Description: External Array Accelerator Board Bad Data. This alarm signifies that the agent has detected a Array Accelerator Cache Board that has lost battery power. If data was being stored in the accelerator memory when the system lost power, that data has been lost.\nAlarm to be cleared by the operator at the management system.\nReason: cpqFcaAccelBadDataTrap		
Remedial action: Verify that no data has been lost.		

Table 26-1191 IK8651060 - External Array Accelerator Board Battery Failed

Alarm	Attributes	Applicable major releases
Name: IK8651060 (7584) Type: environmentalAlarm (2) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: External Array Accelerator Board Battery Failed (1438) Implicitly cleared: false Default probable cause: batteryFailure (649)	<ul style="list-style-type: none"> LR14.3.MG
Description: External Array Accelerator Board Battery Failed. This alarm signifies that the agent has detected a battery failure associated with the Array Accelerator Cache Board.\nAlarm to be cleared by the operator at the management system.\nReason: cpqFcaAccelBatteryFailed		
Remedial action: Replace the Accelerator Cache Board.		

Table 26-1192 IK8651067 - Fibre Channel Tape Drive Cleaning Tape Needs Replacing

Alarm	Attributes	Applicable major releases
Name: IK8651067 (7585) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGmngElement	Severity: warning Specific problem: Fibre Channel Tape Drive Cleaning Tape Needs Replacing (1605) Implicitly cleared: false Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> LR14.3.MG
Description: Fibre Channel Tape Drive Cleaning Tape Needs Replacing. The agent has detected that an autoloader tape unit has a cleaning tape that has been fully used and therefore needs to be replaced with a new cleaning tape. Alarm to be cleared by the operator at the management system. Reason: cpqFcTapeDriveCleanTapeReplace		
Remedial action: Replace the failing fibre channel drive cleaning tape		

Table 26-1193 IK8651068 - External Array Redundant Controller Active

Alarm	Attributes	Applicable major releases
Name: IK8651068 (7586) Type: processingErrorAlarm (81) Package: lmg Raised on class: lmg.LMGmngElement	Severity: warning Specific problem: External Array Redundant Controller Active (1606) Implicitly cleared: false Default probable cause: applicationSubsystemFailure (689)	<ul style="list-style-type: none"> LR14.3.MG
Description: External Array Redundant Controller Active. This alarm signifies that the Storage Agent has detected that a backup array controller in a duplexed pair has switched over to the active role. The variable cpqFcaCntlrBoxIoSlot indicates the new active controller index. Alarm to be cleared by the operator at the management system. Reason: cpqFcaCntlrActive		
Remedial action: Check the partner controller for problems. If this was the result of a user initiated switch over, no action is required.		

Table 26-1194 IK8651072 - External Array Accelerator Board Bad Data

Alarm	Attributes	Applicable major releases
Name: IK8651072 (7587) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGmngElement	Severity: warning Specific problem: External Array Accelerator Board Bad Data (1604) Implicitly cleared: false Default probable cause: powerProblem (911)	<ul style="list-style-type: none"> LR14.3.MG
Description: External Array Accelerator Board Bad Data. This alarm signifies that the agent has detected a Array Accelerator Cache Board that has lost battery power. If data was being stored in the accelerator memory when the system lost power, that data has been lost. Alarm to be cleared by the operator at the management system. Reason: cpqFca2AccelBadDataTrap		
Remedial action: Verify that no data has been lost.		

Table 26-1195 IK8651073 - External Array Accelerator Board Battery Failed

Alarm	Attributes	Applicable major releases
Name: IK8651073 (7588) Type: environmentalAlarm (2) Package: Img Raised on class: Img.LMGmngElement	Severity: major Specific problem: External Array Accelerator Board Battery Failed (1438) Implicitly cleared: false Default probable cause: batteryFailure (649)	<ul style="list-style-type: none"> LR14.3.MG
Description: External Array Accelerator Board Battery Failed. This alarm signifies that the agent has detected a battery failure associated with the Array Accelerator Cache Board.\nAlarm to be cleared by the operator at the management system.\nReason: cpqFca2AccelBatteryFailed		
Remedial action: Replace the Accelerator Cache Board.		

Table 26-1196 IK8651078 - External Tape Drive Cleaning Required

Alarm	Attributes	Applicable major releases
Name: IK8651078 (7589) Type: processingErrorAlarm (81) Package: Img Raised on class: Img.LMGmngElement	Severity: warning Specific problem: External Tape Drive Cleaning Required (1607) Implicitly cleared: false Default probable cause: configurationOrCustomizationError (902)	<ul style="list-style-type: none"> LR14.3.MG
Description: External Tape Drive Cleaning Required. The agent has detected a tape drive that needs to have a cleaning tape inserted and run. This will cause the tape drive heads to be cleaned.\nAlarm to be cleared by the operator at the management system.\nReason: cpqExtTapeDriveCleaningRequired		
Remedial action: a External Tape Drive Cleaning should be installed		

Table 26-1197 IK8651079 - External Tape Drive Cleaning Tape Needs Replacing

Alarm	Attributes	Applicable major releases
Name: IK8651079 (7590) Type: equipmentAlarm (3) Package: Img Raised on class: Img.LMGmngElement	Severity: warning Specific problem: External Tape Drive Cleaning Tape Needs Replacing (1608) Implicitly cleared: false Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> LR14.3.MG
Description: External Tape Drive Cleaning Tape Needs Replacing. The agent has detected that an autoloader tape unit has a cleaning tape that has been fully used and therefore needs to be replaced with a new cleaning tape.\nAlarm to be cleared by the operator at the management system.\nReason: cpqExtTapeDriveCleanTapeReplace		
Remedial action: Replace the External Tape Drive Cleaning Tape		

Table 26-1198 IK8651089 - Thermal Status Degraded

Alarm	Attributes	Applicable major releases
Name: IK8651089 (7591) Type: environmentalAlarm (2) Package: lmg Raised on class: lmg.LMGmngElement	Severity: minor Specific problem: Thermal Status Degraded (1609) Implicitly cleared: false Default probable cause: temperatureUnacceptable (721)	<ul style="list-style-type: none"> LR14.3.MG
Description: The temperature status has been set to degraded. The server's temperature is outside of the normal operating range. The server will be shutdown if the cpqHeThermalDegradedAction variable is set to shutdown(3).\nAlarm to be cleared by the operator at the management system.\nReason: cpqHeThermalTempDegraded		
Remedial action: If the problem persists, contact Alcatel-Lucent customer support.		

Table 26-1199 IK8651092 - System Fan Degraded

Alarm	Attributes	Applicable major releases
Name: IK8651092 (7592) Type: environmentalAlarm (2) Package: lmg Raised on class: lmg.LMGmngElement	Severity: minor Specific problem: System Fan Degraded (1610) Implicitly cleared: false Default probable cause: coolingFanFailure (651)	<ul style="list-style-type: none"> LR14.3.MG
Description: The system fan status has been set to degraded. An optional system fan is not operating normally.\nAlarm to be cleared by the operator at the management system.\nReason: cpqHeThermalSystemFanDegraded		
Remedial action: check the system fans		

Table 26-1200 IK8651094 - CPU Fan Failure

Alarm	Attributes	Applicable major releases
Name: IK8651094 (7593) Type: environmentalAlarm (2) Package: lmg Raised on class: lmg.LMGmngElement	Severity: minor Specific problem: CPU Fan Failure (1611) Implicitly cleared: true Default probable cause: coolingFanFailure (651)	<ul style="list-style-type: none"> LR14.3.MG
Description: The CPU fan status has been set to failed. A processor fan is not operating normally. The server will be shutdown.\nAlarm is cleared by the system.\nReason: cpqHeThermalCpuFanFailed		
Remedial action: If the problem persists, contact Alcatel-Lucent customer support.		

Table 26-1201 IK8651098 - POST Errors Occurred

Alarm	Attributes	Applicable major releases
Name: IK8651098 (7594) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: POST Errors Occurred (1439) Implicitly cleared: false Default probable cause: powerProblem (911)	<ul style="list-style-type: none"> LR14.3.MG
Description: One or more POST errors occurred. Power On Self-Test (POST) errors occur during the server restart process.\nAlarm to be cleared by the operator at the management system.\nReason: cpqHePostError		
Remedial action: Refer to the Integrated Management Log for details on the POST error.		

Table 26-1202 IK8651099 - Server Power Supply Degraded

Alarm	Attributes	Applicable major releases
Name: IK8651099 (7595) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGmngElement	Severity: minor Specific problem: Server Power Supply Degraded (1612) Implicitly cleared: false Default probable cause: powerProblem (911)	<ul style="list-style-type: none"> LR14.3.MG
Description: The fault tolerant power supply sub-system condition has been set to degraded.\nAlarm to be cleared by the operator at the management system.\nReason: cpqHeFitToIPwrSupplyDegraded		
Remedial action: check the fault tolerant power supply		

Table 26-1203 IK8651102 - Thermal Failure

Alarm	Attributes	Applicable major releases
Name: IK8651102 (7596) Type: environmentalAlarm (2) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: Thermal Failure (1440) Implicitly cleared: false Default probable cause: temperatureUnacceptable (721)	<ul style="list-style-type: none"> LR14.3.MG
Description: The temperature status has been set to failed. The system will be shutdown due to this thermal condition.\nAlarm to be cleared by the operator at the management system.\nReason: cpqHe3ThermalTempFailed		
Remedial action: Check the system for hardware failures and verify the environment is properly cooled.		

Table 26-1204 IK8651103 - Temperature Degraded

Alarm	Attributes	Applicable major releases
Name: IK8651103 (7597) Type: environmentalAlarm (2) Package: lmg Raised on class: lmg.LMGmngElement	Severity: minor Specific problem: Temperature Degraded (1613) Implicitly cleared: false Default probable cause: temperatureUnacceptable (721)	<ul style="list-style-type: none"> LR14.3.MG
Description: The temperature status has been set to degraded. The server's temperature is outside of the normal operating range. The server will be shutdown if the cpqHeThermalDegradedAction variable is set to shutdown(3).\nAlarm to be cleared by the operator at the management system.\nReason: cpqHe3ThermalTempDegraded		
Remedial action: Check the system for hardware failures and verify the environment is properly cooled.		

Table 26-1205 IK8651105 - System Fan Failure

Alarm	Attributes	Applicable major releases
Name: IK8651105 (7598) Type: environmentalAlarm (2) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: System Fan Failure (1441) Implicitly cleared: true Default probable cause: coolingFanFailure (651)	<ul style="list-style-type: none"> LR14.3.MG
Description: The system fan status has been set to failed. A required system fan is not operating normally. The system will be shutdown if the cpqHeThermalDegradedAction variable is set to shutdown(3).\nAlarm is cleared by the system.\nReason: cpqHe3ThermalSystemFanFailed		
Remedial action: Replace the failed fan.		

Table 26-1206 IK8651106 - System Fan Degraded

Alarm	Attributes	Applicable major releases
Name: IK8651106 (7599) Type: environmentalAlarm (2) Package: lmg Raised on class: lmg.LMGmngElement	Severity: minor Specific problem: System Fan Degraded (1610) Implicitly cleared: false Default probable cause: coolingFanFailure (651)	<ul style="list-style-type: none"> LR14.3.MG
Description: The system fan status has been set to degraded. An optional system fan is not operating normally.\nAlarm to be cleared by the operator at the management system.\nReason: cpqHe3ThermalSystemFanDegraded		
Remedial action: Replace the failing fan.		

Table 26-1207 IK8651108 - CPU Fan Failure

Alarm	Attributes	Applicable major releases
Name: IK8651108 (7600) Type: environmentalAlarm (2) Package: lmg Raised on class: lmg.LMGmngElement	Severity: minor Specific problem: CPU Fan Failure (1611) Implicitly cleared: true Default probable cause: coolingFanFailure (651)	<ul style="list-style-type: none"> LR14.3.MG
Description: The CPU fan status has been set to failed. A processor fan is not operating normally. The server will be shutdown.\nAlarm is cleared by the system.\nReason: cpqHe3ThermalCpuFanFailed		
Remedial action: Replace the failed CPU fan.		

Table 26-1208 IK8651112 - POST Errors Occurred

Alarm	Attributes	Applicable major releases
Name: IK8651112 (7601) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: POST Errors Occurred (1439) Implicitly cleared: false Default probable cause: powerProblem (911)	<ul style="list-style-type: none"> LR14.3.MG
Description: One or more POST errors occurred. Power On Self-Test (POST) errors occur during the server restart process. Details of the POST error messages can be found in Integrated Management Log\nAlarm to be cleared by the operator at the management system.\nReason: cpqHe3PostError		
Remedial action: Refer to the Integrated Management Log for details on the POST error.		

Table 26-1209 IK8651113 - Server Power Supply Degraded

Alarm	Attributes	Applicable major releases
Name: IK8651113 (7602) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGmngElement	Severity: minor Specific problem: Server Power Supply Degraded (1612) Implicitly cleared: false Default probable cause: powerProblem (911)	<ul style="list-style-type: none"> LR14.3.MG
Description: The fault tolerant power supply sub-system condition has been set to degraded.\nAlarm to be cleared by the operator at the management system.\nReason: cpqHe3FitToIPwrSupplyDegraded		
Remedial action: Check the system for a power supply failure. Replace the power supply.		

Table 26-1210 IK8651114 - Corr Mem Errors Require a Replacement Memory Module

Alarm	Attributes	Applicable major releases
Name: IK8651114 (7603) Type: processingErrorAlarm (81) Package: lmg Raised on class: lmg.LMGmngElement	Severity: minor Specific problem: Corr Mem Errors Require a Replacement Memory Module (1614) Implicitly cleared: false Default probable cause: memoryMismatch (680)	<ul style="list-style-type: none"> LR14.3.MG
Description: A correctable memory log entry indicates a memory module needs to be replaced. The errors have been corrected, but the memory module should be replaced. The error information is reported in the variable cpqHeCorrMemErrDesc.\nAlarm to be cleared by the operator at the management system.\nReason: cpqHe3CorrMemReplaceMemModule		
Remedial action: Replace the failing memory module		

Table 26-1211 IK8651116 - Power Supply Failed

Alarm	Attributes	Applicable major releases
Name: IK8651116 (7604) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: Power Supply Failed (1442) Implicitly cleared: true Default probable cause: powerProblem (911)	<ul style="list-style-type: none"> LR14.3.MG
Description: The fault tolerant power supply condition has been set to failed for the specified chassis and bay location.\nAlarm is cleared by the system.\nReason: cpqHe3FitToIPowerSupplyFailed		
Remedial action: If the problem persists, contact Alcatel-Lucent customer support.		

Table 26-1212 IK8651117 - Power Redundancy Lost

Alarm	Attributes	Applicable major releases
Name: IK8651117 (7605) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGmngElement	Severity: minor Specific problem: Power Redundancy Lost (1615) Implicitly cleared: true Default probable cause: powerProblem (911)	<ul style="list-style-type: none"> LR14.3.MG
Description: The Fault Tolerant Power Supplies have lost redundancy for the specified chassis.\nAlarm is cleared by the system.\nReason: cpqHe3FitToIPowerRedundancyLost		
Remedial action: Check the system power supplies for a failure.		

Table 26-1213 IK8651120 - Fan Degraded

Alarm	Attributes	Applicable major releases
Name: IK8651120 (7606) Type: environmentalAlarm (2) Package: lmg Raised on class: lmg.LMGmngElement	Severity: minor Specific problem: Fan Degraded (1616) Implicitly cleared: false Default probable cause: coolingFanFailure (651)	<ul style="list-style-type: none"> LR14.3.MG
Description: The Fault Tolerant Fan condition has been set to degraded for the specified chassis and fan.\nAlarm to be cleared by the operator at the management system.\nReason: cpqHe3FitToIFanDegraded		
Remedial action: Replace the failing fan.		

Table 26-1214 IK8651121 - Fan Failed

Alarm	Attributes	Applicable major releases
Name: IK8651121 (7607) Type: environmentalAlarm (2) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: Fan Failed (1443) Implicitly cleared: true Default probable cause: coolingFanFailure (651)	<ul style="list-style-type: none"> LR14.3.MG
Description: The Fault Tolerant Fan condition has been set to failed for the specified chassis and fan.\nAlarm is cleared by the system.\nReason: cpqHe3FitToIFanFailed		
Remedial action: Replace the failed fan.		

Table 26-1215 IK8651122 - Fan Redundancy Lost

Alarm	Attributes	Applicable major releases
Name: IK8651122 (7608) Type: environmentalAlarm (2) Package: lmg Raised on class: lmg.LMGmngElement	Severity: minor Specific problem: Fan Redundancy Lost (1617) Implicitly cleared: true Default probable cause: coolingFanFailure (651)	<ul style="list-style-type: none"> LR14.3.MG
Description: The Fault Tolerant Fans have lost redundancy for the specified chassis.\nAlarm is cleared by the system.\nReason: cpqHe3FitToIFanRedundancyLost		
Remedial action: Check the system fans for a failure.		

Table 26-1216 IK8651125 - Thermal Failure

Alarm	Attributes	Applicable major releases
Name: IK8651125 (7609) Type: environmentalAlarm (2) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: Thermal Failure (1440) Implicitly cleared: false Default probable cause: temperatureUnacceptable (721)	<ul style="list-style-type: none"> LR14.3.MG
Description: The temperature status has been set to failed in the specified chassis and location. The system will be shutdown due to this condition.\nAlarm to be cleared by the operator at the management system.\nReason: cpqHe3TemperatureFailed		
Remedial action: Check the system for hardware failures and verify the environment is properly cooled.		

Table 26-1217 IK8651126 - Thermal Status Degraded

Alarm	Attributes	Applicable major releases
Name: IK8651126 (7610) Type: environmentalAlarm (2) Package: lmg Raised on class: lmg.LMGmngElement	Severity: minor Specific problem: Thermal Status Degraded (1609) Implicitly cleared: false Default probable cause: temperatureUnacceptable (721)	<ul style="list-style-type: none"> LR14.3.MG
Description: The temperature status has been set to degraded in the specified chassis and location. The server's temperature is outside of the normal operating range. The server will be shutdown if the cpqHeThermalDegradedAction variable is set to shutdown(3).\nAlarm to be cleared by the operator at the management system.\nReason: cpqHe3TemperatureDegraded		
Remedial action: Check the system for hardware failures and verify the environment is properly cooled.		

Table 26-1218 IK8651128 - Power Converter Degraded

Alarm	Attributes	Applicable major releases
Name: IK8651128 (7611) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGmngElement	Severity: minor Specific problem: Power Converter Degraded (1618) Implicitly cleared: false Default probable cause: powerProblem (911)	<ul style="list-style-type: none"> LR14.3.MG
Description: The DC-DC Power Converter condition has been set to degraded for the specified chassis, slot and socket.\nAlarm to be cleared by the operator at the management system.\nReason: cpqHe3PowerConverterDegraded		
Remedial action: Check for a failing power converter or for a failed power converter in a redundant pair. Replace the power converter.		

Table 26-1219 IK8651129 - Power Converter Failed

Alarm	Attributes	Applicable major releases
Name: IK8651129 (7612) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: Power Converter Failed (1444) Implicitly cleared: false Default probable cause: powerProblem (911)	<ul style="list-style-type: none"> LR14.3.MG
Description: The DC-DC Power Converter condition has been set to failed for the specified chassis, slot and socket. Alarm to be cleared by the operator at the management system. Reason: cpqHe3PowerConverterFailed		
Remedial action: Replace the failed power converter.		

Table 26-1220 IK8651130 - Power Converter Redundancy Lost

Alarm	Attributes	Applicable major releases
Name: IK8651130 (7613) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGmngElement	Severity: warning Specific problem: Power Converter Redundancy Lost (1619) Implicitly cleared: false Default probable cause: powerProblem (911)	<ul style="list-style-type: none"> LR14.3.MG
Description: The DC-DC Power Converters have lost redundancy for the specified chassis. Alarm to be cleared by the operator at the management system. Reason: cpqHe3PowerConverterRedundancyLost		
Remedial action: Check the power converters in the system for a failure in a redundant pair. Replace the power converter.		

Table 26-1221 IK8651131 - Cache Accel Parity Errors may require a module

Alarm	Attributes	Applicable major releases
Name: IK8651131 (7614) Type: communicationsAlarm (4) Package: lmg Raised on class: lmg.LMGmngElement	Severity: minor Specific problem: Cache Accel Parity Errors may require a module (1620) Implicitly cleared: false Default probable cause: communicationsProtocolError (901)	<ul style="list-style-type: none"> LR14.3.MG
Description: A cache accelerator parity error indicates a cache module needs to be replaced. The error information is reported in the variable cpqHeEventLogErrorDesc. Alarm to be cleared by the operator at the management system. Reason: cpqHe3CacheAccelParityError		
Remedial action: Refer to the Integrated Management Log for details on the error. Replace the failing cache module.		

Table 26-1222 IK8651132 - Online Spare Memory Engaged

Alarm	Attributes	Applicable major releases
Name: IK8651132 (7615) Type: processingErrorAlarm (81) Package: lmg Raised on class: lmg.LMGmngElement	Severity: warning Specific problem: Online Spare Memory Engaged (1621) Implicitly cleared: false Default probable cause: memoryMismatch (680)	<ul style="list-style-type: none"> LR14.3.MG
Description: Advanced Memory Protection Online Spare Engaged. The Advanced Memory Protection subsystem has detected a memory fault. The Online Spare Memory has been activated.\nAlarm to be cleared by the operator at the management system.\nReason: cpqHeResilientMemOnlineSpareEngaged		
Remedial action: Schedule server down-time to replace the faulty memory.		

Table 26-1223 IK8651134 - Power Supply Degraded

Alarm	Attributes	Applicable major releases
Name: IK8651134 (7616) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGmngElement	Severity: minor Specific problem: Power Supply Degraded (1622) Implicitly cleared: false Default probable cause: powerProblem (911)	<ul style="list-style-type: none"> LR14.3.MG
Description: The fault tolerant power supply condition has been set to degraded for the specified chassis and bay location.\nAlarm to be cleared by the operator at the management system.\nReason: cpqHe4FitToIPowerSupplyDegraded		
Remedial action: Replace the failing power supply.		

Table 26-1224 IK8651135 - Power Supply Failed

Alarm	Attributes	Applicable major releases
Name: IK8651135 (7617) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: Power Supply Failed (1442) Implicitly cleared: true Default probable cause: powerProblem (911)	<ul style="list-style-type: none"> LR14.3.MG
Description: The fault tolerant power supply condition has been set to failed for the specified chassis and bay location.\nAlarm is cleared by the system.\nReason: cpqHe4FitToIPowerSupplyFailed		
Remedial action: Replace the failed power supply.		

Table 26-1225 IK8651136 - Mirrored Memory Engaged

Alarm	Attributes	Applicable major releases
Name: IK8651136 (7618) Type: processingErrorAlarm (81) Package: lmg Raised on class: lmg.LMGmngElement	Severity: warning Specific problem: Mirrored Memory Engaged (1623) Implicitly cleared: false Default probable cause: memoryMismatch (680)	<ul style="list-style-type: none"> LR14.3.MG
Description: Advanced Memory Protection Mirrored Memory Engaged. The Advanced Memory Protection subsystem has detected a memory fault. Mirrored Memory has been activated.\nAlarm to be cleared by the operator at the management system.\nReason: cpqHeResilientMemMirroredMemoryEngaged		
Remedial action: Replace the faulty memory.		

Table 26-1226 IK8651137 - Advanced ECC Memory Engaged

Alarm	Attributes	Applicable major releases
Name: IK8651137 (7619) Type: processingErrorAlarm (81) Package: lmg Raised on class: lmg.LMGmngElement	Severity: warning Specific problem: Advanced ECC Memory Engaged (1624) Implicitly cleared: false Default probable cause: memoryMismatch (680)	<ul style="list-style-type: none"> LR14.3.MG
Description: Advanced Memory Protection Advanced ECC Memory Engaged. The Advanced Memory Protection subsystem has detected a memory fault. Advanced ECC has been activated.\nAlarm to be cleared by the operator at the management system.\nReason: cpqHeResilientAdvancedECCMemoryEngaged		
Remedial action: Replace the faulty memory.		

Table 26-1227 IK8651138 - Advanced XOR Memory Engaged

Alarm	Attributes	Applicable major releases
Name: IK8651138 (7620) Type: processingErrorAlarm (81) Package: lmg Raised on class: lmg.LMGmngElement	Severity: warning Specific problem: Advanced XOR Memory Engaged (1625) Implicitly cleared: false Default probable cause: memoryMismatch (680)	<ul style="list-style-type: none"> LR14.3.MG
Description: Advanced Memory Protection XOR Engine Memory Engaged. The Advanced Memory Protection subsystem has detected a memory fault. The XOR engine has been activated.\nAlarm to be cleared by the operator at the management system.\nReason: cpqHeResilientMemXorMemoryEngaged		
Remedial action: Replace the faulty memory.		

Table 26-1228 IK8651141 - Replace Memory Module

Alarm	Attributes	Applicable major releases
Name: IK8651141 (7621) Type: processingErrorAlarm (81) Package: lmg Raised on class: lmg.LMGmngElement	Severity: minor Specific problem: Replace Memory Module (1626) Implicitly cleared: false Default probable cause: memoryMismatch (680)	<ul style="list-style-type: none"> LR14.3.MG
Description: Corrected Memory Errors Detected. The errors have been corrected, but the memory module should be replaced.\nAlarm to be cleared by the operator at the management system.\nReason: cpqHe4CorrMemReplaceMemModule		
Remedial action: Replace the memory module.		

Table 26-1229 IK8651142 - Memory Board or Cartridge Removed

Alarm	Attributes	Applicable major releases
Name: IK8651142 (7622) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGmngElement	Severity: warning Specific problem: Memory Board or Cartridge Removed (1627) Implicitly cleared: false Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> LR14.3.MG
Description: Memory board or cartridge removed. An Advanced Memory Protection sub-system board or cartridge has been removed from the system.\nAlarm to be cleared by the operator at the management system.\nReason: cpqHeResMemBoardRemoved		
Remedial action: Insure the board or cartridge has memory correctly installed and re-insert the memory board or cartridge back into the system.		

Table 26-1230 IK8651144 - Memory Board or Cartridge Bus Error Detected

Alarm	Attributes	Applicable major releases
Name: IK8651144 (7623) Type: processingErrorAlarm (81) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: Memory Board or Cartridge Bus Error Detected (1445) Implicitly cleared: false Default probable cause: memoryMismatch (680)	<ul style="list-style-type: none"> LR14.3.MG
Description: Memory board or cartridge bus error detected. An Advanced Memory Protection sub-system board or cartridge bus error has been detected.\nAlarm to be cleared by the operator at the management system.\nReason: cpqHeResMemBoardBusError		
Remedial action: Replace the indicated board or cartridge.		

Table 26-1231 IK8651148 - Management processor failed reset

Alarm	Attributes	Applicable major releases
Name: IK8651148 (7624) Type: equipmentAlarm (3) Package: Img Raised on class: Img.LMGMgrElement	Severity: major Specific problem: Management processor failed reset (1446) Implicitly cleared: false Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> LR14.3.MG
Description: The Management processor failed reset The management processor was not successfully reset and is not operational. Alarm to be cleared by the operator at the management system. Reason: cpqHeManagementProcFailedReset		
Remedial action: Reset the management processor again or re-flash the management processor firmware.		

Table 26-1232 IK8651149 - Replace Memory Module

Alarm	Attributes	Applicable major releases
Name: IK8651149 (7625) Type: processingErrorAlarm (81) Package: Img Raised on class: Img.LMGMgrElement	Severity: warning Specific problem: Replace Memory Module (1626) Implicitly cleared: false Default probable cause: memoryMismatch (680)	<ul style="list-style-type: none"> LR14.3.MG
Description: Corrected \ uncorrected Memory Errors Detected. The errors have been corrected, but the memory module should be replaced. Value 0 for CPU means memory is not Processor based Alarm to be cleared by the operator at the management system. Reason: cpqHe5CorrMemReplaceMemModule		
Remedial action: Replace the failing memory module.		

Table 26-1233 IK8651150 - Memory Board or Cartridge or Riser Removed

Alarm	Attributes	Applicable major releases
Name: IK8651150 (7626) Type: equipmentAlarm (3) Package: Img Raised on class: Img.LMGMgrElement	Severity: warning Specific problem: Memory Board or Cartridge or Riser Removed (1628) Implicitly cleared: false Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> LR14.3.MG
Description: Memory board or cartridge or riser removed. An Advanced Memory Protection sub-system board or cartridge or riser has been removed from the system. Value 0 for CPU means memory is not processor based. Alarm to be cleared by the operator at the management system. Reason: cpqHe5ResMemBoardRemoved		
Remedial action: Insure the board or cartridge or riser has memory correctly installed and re-insert the memory board or cartridge or CPU back into the system.		

Table 26-1234 IK8651152 - Memory Board or Cartridge or Riser Bus Error Detected

Alarm	Attributes	Applicable major releases
Name: IK8651152 (7627) Type: processingErrorAlarm (81) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: Memory Board or Cartridge or Riser Bus Error Detected (1447) Implicitly cleared: false Default probable cause: memoryMismatch (680)	<ul style="list-style-type: none"> LR14.3.MG
Description: Memory board or cartridge or Riser bus error detected. An Advanced Memory Protection sub-system board or cartridge or Riser bus error has been detected. Value 0 for CPU means memory is not processor based. Alarm to be cleared by the operator at the management system. Reason: cpqHe5ResMemBoardBusError		
Remedial action: Replace the indicated board or cartridge or Riser.		

Table 26-1235 IK8651153 - Advanced LockStep Memory Engaged

Alarm	Attributes	Applicable major releases
Name: IK8651153 (7628) Type: processingErrorAlarm (81) Package: lmg Raised on class: lmg.LMGmngElement	Severity: warning Specific problem: Advanced LockStep Memory Engaged (1629) Implicitly cleared: false Default probable cause: memoryMismatch (680)	<ul style="list-style-type: none"> LR14.3.MG
Description: Advanced Memory Protection LockStep Engine Memory Engaged. The Advanced Memory Protection subsystem has detected a memory fault. The LockStep engine has been activated. Alarm to be cleared by the operator at the management system. Reason: cpqHeResilientMemLockStepMemoryEngaged		
Remedial action: Replace the faulty memory.		

Table 26-1236 IK8651154 - Power Supply AC Power Loss

Alarm	Attributes	Applicable major releases
Name: IK8651154 (7629) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: Power Supply AC Power Loss (1448) Implicitly cleared: false Default probable cause: powerProblem (911)	<ul style="list-style-type: none"> LR14.3.MG
Description: The fault tolerant power supply AC power loss for the specified chassis and bay location. Alarm to be cleared by the operator at the management system. Reason: cpqHe4FitToIPowerSupplyACpowerloss		
Remedial action: Check the power source for the specified power supply.		

Table 26-1237 IK8651156 - Application Error Trap

Alarm	Attributes	Applicable major releases
Name: IK8651156 (7630) Type: processingErrorAlarm (81) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: Application Error Trap (1449) Implicitly cleared: false Default probable cause: applicationSubsystemFailure (689)	<ul style="list-style-type: none"> LR14.3.MG
Description: An application has generated an exception. Specific error information is contained in the variable cpqHoSwPerfAppErrorDesc.\nAlarm to be cleared by the operator at the management system.\nReason: cpqHoAppErrorTrap		
Remedial action: If the problem persists, contact Alcatel-Lucent customer support.		

Table 26-1238 IK8651158 - Application Error Trap

Alarm	Attributes	Applicable major releases
Name: IK8651158 (7631) Type: processingErrorAlarm (81) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: Application Error Trap (1449) Implicitly cleared: false Default probable cause: applicationSubsystemFailure (689)	<ul style="list-style-type: none"> LR14.3.MG
Description: An application has generated an exception. Specific error information is contained in the variable cpqHoSwPerfAppErrorDesc.\nAlarm to be cleared by the operator at the management system.\nReason: cpqHoAppErrorTrap		
Remedial action: If the problem persists, contact Alcatel-Lucent customer support.		

Table 26-1239 IK8651163 - Status Trap

Alarm	Attributes	Applicable major releases
Name: IK8651163 (7632) Type: communicationsAlarm (4) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: Status Trap (1450) Implicitly cleared: true Default probable cause: communicationsSubsystemFailure (915)	<ul style="list-style-type: none"> LR14.3.MG
Description: This alarm will be sent any time the status of a NIC changes to the Failed condition.\nAlarm is cleared by the system.\nReason: cpqHo2NicStatusFailed2		
Remedial action: Check the network cables. Replace the failed NIC.		

Table 26-1240 IK8651164 - Status Trap

Alarm	Attributes	Applicable major releases
Name: IK8651164 (7633) Type: communicationsAlarm (4) Package: lmg Raised on class: lmg.LMGMngElement	Severity: warning Specific problem: Status Trap (1450) Implicitly cleared: false Default probable cause: communicationsSubsystemFailure (915)	<ul style="list-style-type: none"> LR14.3.MG
Description: This alarm will be sent any time the configured redundant NIC becomes the active NIC.\nAlarm to be cleared by the operator at the management system.\nReason: cpqHo2NicSwitchoverOccurred2		
Remedial action: Examine the network connections and check for a NIC failure.		

Table 26-1241 IK8651168 - Critical Software update Notification Trap

Alarm	Attributes	Applicable major releases
Name: IK8651168 (7634) Type: processingErrorAlarm (81) Package: lmg Raised on class: lmg.LMGMngElement	Severity: warning Specific problem: Critical Software update Notification Trap (1630) Implicitly cleared: false Default probable cause: softwareProgramError (720)	<ul style="list-style-type: none"> LR14.3.MG
Description: This alarm is a send to the user to notify him of a Critical Software Update.\nAlarm to be cleared by the operator at the management system.\nReason: cpqHoCriticalSoftwareUpdateTrap		
Remedial action: Install the required software updates.		

Table 26-1242 IK8651172 - Power Threshold Exceeded

Alarm	Attributes	Applicable major releases
Name: IK8651172 (7635) Type: qualityOfServiceAlarm (82) Package: lmg Raised on class: lmg.LMGMngElement	Severity: major Specific problem: Power Threshold Exceeded (1451) Implicitly cleared: false Default probable cause: resourceAtOrNearingCapacity (715)	<ul style="list-style-type: none"> LR14.3.MG
Description: This alarm notifies user of a power threshold breach. Power threshold exceeded.\nAlarm to be cleared by the operator at the management system.\nReason: cpqHo2PowerThresholdTrap		
Remedial action: If the problem persists, contact Alcatel-Lucent customer support.		

Table 26-1243 IK8652265 - Accelerator Board Battery Failed

Alarm	Attributes	Applicable major releases
Name: IK8652265 (7636) Type: environmentalAlarm (2) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: Accelerator Board Battery Failed (1452) Implicitly cleared: false Default probable cause: batteryFailure (649)	<ul style="list-style-type: none"> LR14.3.MG
Description: Accelerator Board Battery Failed. This alarm signifies that the agent has detected a battery failure associated with the array accelerator cache board. The current battery status is indicated by the cpqDaAccelBattery variable. \nAlarm to be cleared by the operator at the management system. \nReason: cpqDaAccelBatteryFailed		
Remedial action: check the Accelerator Board Battery		

Table 26-1244 IK8652272 - Accelerator Board Battery Failed

Alarm	Attributes	Applicable major releases
Name: IK8652272 (7637) Type: environmentalAlarm (2) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: Accelerator Board Battery Failed (1452) Implicitly cleared: false Default probable cause: batteryFailure (649)	<ul style="list-style-type: none"> LR14.3.MG
Description: Accelerator Board Battery Failed. This alarm signifies that the agent has detected a battery failure associated with the array accelerator cache board. The current battery status is indicated by the cpqDaAccelBattery variable. \nAlarm to be cleared by the operator at the management system. \nReason: cpqDa2AccelBatteryFailed		
Remedial action: check the Accelerator Board Battery		

Table 26-1245 IK8652279 - Accelerator Board Battery Failed

Alarm	Attributes	Applicable major releases
Name: IK8652279 (7638) Type: environmentalAlarm (2) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: Accelerator Board Battery Failed (1452) Implicitly cleared: false Default probable cause: batteryFailure (649)	<ul style="list-style-type: none"> LR14.3.MG
Description: Accelerator Board Battery Failed. This alarm signifies that the agent has detected a battery failure associated with the array accelerator cache board. The current battery status is indicated by the cpqDaAccelBattery variable. \nAlarm to be cleared by the operator at the management system. \nReason: cpqDa3AccelBatteryFailed		
Remedial action: check the Accelerator Board Battery		

Table 26-1246 IK8652281 - Duplex Controller Active

Alarm	Attributes	Applicable major releases
Name: IK8652281 (7639) Type: processingErrorAlarm (81) Package: lmg Raised on class: lmg.LMGmngElement	Severity: warning Specific problem: Duplex Controller Active (1631) Implicitly cleared: false Default probable cause: applicationSubsystemFailure (689)	<ul style="list-style-type: none"> LR14.3.MG
Description: Controller Active. This alarm signifies that the agent has detected that a backup array controller in a duplexed pair has switched over to the active role. The variable cpqDaCntlrSlot indicates the active controller slot and cpqDaCntlrPartnerSlot indicates the backup. \nAlarm to be cleared by the operator at the management system. \nReason: cpqDaCntlrActive		
Remedial action: Check the partner controller for problems. If this was the result of a user initiated switch over, no action is required.		

Table 26-1247 IK8652284 - Physical Drive Threshold Passed

Alarm	Attributes	Applicable major releases
Name: IK8652284 (7640) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGmngElement	Severity: variable Specific problem: Physical Drive Threshold Passed (1454) Implicitly cleared: false Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> LR14.3.MG
Description: Physical Drive Threshold Passed. This alarm signifies that the agent has detected a factory threshold associated with one of the physical drive objects on a drive array has been exceeded. \nAlarm to be cleared by the operator at the management system. \nReason: cpqDa4PhyDrvThreshPassedTrap		
Remedial action: If the physical drive is predicting failure, replace the drive.		

Table 26-1248 IK8652289 - Tape Drive Cleaning Tape Needs Replacing

Alarm	Attributes	Applicable major releases
Name: IK8652289 (7641) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGmngElement	Severity: warning Specific problem: Tape Drive Cleaning Tape Needs Replacing (1632) Implicitly cleared: false Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> LR14.3.MG
Description: Tape Drive Cleaning Tape Needs Replacing. The agent has detected that an autoloader tape unit has a cleaning tape that has been fully used and therefore needs to be replaced with a new cleaning tape. \nAlarm to be cleared by the operator at the management system. \nReason: cpqDaTapeDriveCleanTapeReplace		
Remedial action: Replace the Tape Drive Cleaning Tape.		

Table 26-1249 IK8652291 - Accelerator Board Bad Data

Alarm	Attributes	Applicable major releases
Name: IK8652291 (7642) Type: equipmentAlarm (3) Package: Img Raised on class: Img.LMGmngElement	Severity: major Specific problem: Accelerator Board Bad Data (1453) Implicitly cleared: false Default probable cause: powerProblem (911)	<ul style="list-style-type: none"> LR14.3.MG
Description: Accelerator Board Bad Data. This alarm signifies that the agent has detected an array accelerator cache board that has lost battery power. If data was being stored in the accelerator cache memory when the server lost power, that data has been lost.\nAlarm to be cleared by the operator at the management system.\nReason: cpqDa5AccelBadDataTrap		
Remedial action: Verify that no data has been lost.		

Table 26-1250 IK8652292 - Accelerator Board Battery Failed

Alarm	Attributes	Applicable major releases
Name: IK8652292 (7643) Type: environmentalAlarm (2) Package: Img Raised on class: Img.LMGmngElement	Severity: major Specific problem: Accelerator Board Battery Failed (1452) Implicitly cleared: false Default probable cause: batteryFailure (649)	<ul style="list-style-type: none"> LR14.3.MG
Description: Accelerator Board Battery Failed. This alarm signifies that the agent has detected a battery failure associated with the array accelerator cache board.\nAlarm to be cleared by the operator at the management system.\nReason: cpqDa5AccelBatteryFailed		
Remedial action: Replace the Accelerator Cache Board.		

Table 26-1251 IK8652295 - Physical Drive Threshold Passed

Alarm	Attributes	Applicable major releases
Name: IK8652295 (7644) Type: equipmentAlarm (3) Package: Img Raised on class: Img.LMGmngElement	Severity: major Specific problem: Physical Drive Threshold Passed (1454) Implicitly cleared: false Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> LR14.3.MG
Description: Physical Drive Threshold Passed. This alarm signifies that the agent has detected a factory threshold associated with one of the physical drive objects on a drive array has been exceeded.\nAlarm to be cleared by the operator at the management system.\nReason: cpqDa5PhyDrvThreshPassedTrap		
Remedial action: Replace the physical drive.		

Table 26-1252 IK8652302 - Physical Drive Threshold Passed

Alarm	Attributes	Applicable major releases
Name: IK8652302 (7645) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: Physical Drive Threshold Passed (1454) Implicitly cleared: false Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> LR14.3.MG
Description: Physical Drive Threshold Passed. This alarm signifies that the agent has detected a factory threshold associated with one of the physical drive objects on a drive array has been exceeded.\nAlarm to be cleared by the operator at the management system.\nReason: cpqDa6PhyDrvThreshPassedTrap		
Remedial action: Replace the physical drive.		

Table 26-1253 IK8652304 - Accelerator Board Bad Data

Alarm	Attributes	Applicable major releases
Name: IK8652304 (7646) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGmngElement	Severity: minor Specific problem: Accelerator Board Bad Data (1453) Implicitly cleared: false Default probable cause: powerProblem (911)	<ul style="list-style-type: none"> LR14.3.MG
Description: Cache Module Board Bad Data. This alarm signifies that the agent has detected a cache module board that has lost backup power. If data was being stored in the cache module memory when the server lost power, that data has been lost. The backup power source is indicated by cpqDaAccelBackupPowerSource.\nAlarm to be cleared by the operator at the management system.\nReason: cpqDa6AccelBadDataTrap		
Remedial action: Verify that no data has been lost.		

Table 26-1254 IK8652305 - Accelerator Board Battery Failed

Alarm	Attributes	Applicable major releases
Name: IK8652305 (7647) Type: environmentalAlarm (2) Package: lmg Raised on class: lmg.LMGmngElement	Severity: minor Specific problem: Accelerator Board Battery Failed (1452) Implicitly cleared: false Default probable cause: batteryFailure (649)	<ul style="list-style-type: none"> LR14.3.MG
Description: Cache Module Board Backup Power Source Failed. This alarm signifies that the agent has detected a backup power source failure associated with the cache module board. The backup power source is indicated by cpqDaAccelBackupPowerSource.\nAlarm to be cleared by the operator at the management system.\nReason: cpqDa6AccelBatteryFailed		
Remedial action: Replace the Backup Power Source.		

Table 26-1255 IK8652309 - Tape Drive Cleaning Required

Alarm	Attributes	Applicable major releases
Name: IK8652309 (7648) Type: processingErrorAlarm (81) Package: lmg Raised on class: lmg.LMGmngElement	Severity: warning Specific problem: Tape Drive Cleaning Required (1633) Implicitly cleared: false Default probable cause: configurationOrCustomizationError (902)	<ul style="list-style-type: none"> LR14.3.MG
Description: Tape Drive Cleaning Required trap. The agent has detected a tape drive that needs to have a cleaning tape inserted and run. This will cause the tape drive heads to be cleaned. Alarm to be cleared by the operator at the management system. Reason: cpqDa6TapeDriveCleaningRequired		
Remedial action: Insert and run a cleaning tape in the tape drive.		

Table 26-1256 IK8652310 - Tape Drive Cleaning Tape Needs Replacing

Alarm	Attributes	Applicable major releases
Name: IK8652310 (7649) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGmngElement	Severity: warning Specific problem: Tape Drive Cleaning Tape Needs Replacing (1632) Implicitly cleared: false Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> LR14.3.MG
Description: Tape Drive Cleaning Tape Needs Replacing. The agent has detected that an autoloader tape unit has a cleaning tape that has been fully used and therefore needs to be replaced with a new cleaning tape. Alarm to be cleared by the operator at the management system. Reason: cpqDa6TapeDriveCleanTapeReplace		
Remedial action: Replace the Tape Drive Cleaning Tape.		

Table 26-1257 IK8652315 - IDE Drive Degraded

Alarm	Attributes	Applicable major releases
Name: IK8652315 (7650) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGmngElement	Severity: minor Specific problem: IDE Drive Degraded (1634) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> LR14.3.MG
Description: An IDE drive status has been set to degraded. Alarm is cleared by the system. Reason: cpqIdeDriveDegraded		
Remedial action: The drive should be scheduled for replacement. Refer to the appropriate Maintenance and Service Guide for detailed information on a component replacement.		

Table 26-1258 IK8652317 - IDE Drive Ultra ATA Degraded

Alarm	Attributes	Applicable major releases
Name: IK8652317 (7651) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGmngElement	Severity: minor Specific problem: IDE Drive Ultra ATA Degraded (1635) Implicitly cleared: false Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> LR14.3.MG
Description: An IDE drive detects an excessive number of Ultra ATA data transmission errors between the hard drive and the processor. Alarm to be cleared by the operator at the management system. Reason: cpqIdeDriveUltraAtaDegraded		
Remedial action: For best performance move Ultra ATA devices to the primary controller and non Ultra ATA devices to the secondary controller. If errors still persist, consider replacing the standard 40-conductor IDE cable with an 80-conductor Ultra ATA cable.		

Table 26-1259 IK8652337 - NIC Status Trap

Alarm	Attributes	Applicable major releases
Name: IK8652337 (7652) Type: communicationsAlarm (4) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: NIC Status Trap (1455) Implicitly cleared: true Default probable cause: communicationsSubsystemFailure (915)	<ul style="list-style-type: none"> LR14.3.MG
Description: This alarm will be sent any time the status of a logical adapter changes to the Failed condition. This occurs when the adapter in a single adapter configuration fails, or when the last adapter in a redundant configuration fails. This can be caused by loss of link due to a cable being removed from the adapter or the Hub or Switch. Internal adapter, Hub, or Switch failures can also cause this condition. Alarm is cleared by the system. Reason: cpqNicConnectivityLost		
Remedial action: Check the cables to the adapter and the Hub or Switch. If no cable problems are found, the adapter, Hub, or Switch may need replacement.		

Table 26-1260 IK8652339 - NIC Status Trap

Alarm	Attributes	Applicable major releases
Name: IK8652339 (7653) Type: communicationsAlarm (4) Package: lmg Raised on class: lmg.LMGmngElement	Severity: minor Specific problem: NIC Status Trap (1455) Implicitly cleared: true Default probable cause: communicationsSubsystemFailure (915)	<ul style="list-style-type: none"> LR14.3.MG
Description: This alarm will be sent any time a physical adapter in a logical adapter group changes to the Failed condition, but at least one physical adapter remains in the OK condition.. This can be caused by loss of link due to a cable being removed from the adapter or the Hub or Switch. Internal adapter, Hub, or Switch failures can also cause this condition. Alarm is cleared by the system. Reason: cpqNicRedundancyReduced		
Remedial action: Check the cables to the adapter and the Hub or Switch. If no cable problems are found, the adapter, Hub, or Switch may need replacement.		

Table 26-1261 IK8652341 - NIC Connectivity Lost Trap

Alarm	Attributes	Applicable major releases
Name: IK8652341 (7654) Type: communicationsAlarm (4) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: NIC Connectivity Lost Trap (1456) Implicitly cleared: true Default probable cause: communicationsSubsystemFailure (915)	<ul style="list-style-type: none"> LR14.3.MG
Description: This alarm will be sent any time the status of a logical adapter changes to the Failed condition. This occurs when the adapter in a single adapter configuration fails, or when the last adapter in a redundant configuration fails. This can be caused by loss of link due to a cable being removed from the adapter or the Hub or Switch. Internal adapter, Hub, or Switch failures can also cause this condition. Alarm is cleared by the system. Reason: cpqNic2ConnectivityLost		
Remedial action: Check the cables to the adapter and the Hub or Switch. If no cable problems are found, the adapter, Hub, or Switch may need replacement.		

Table 26-1262 IK8652343 - NIC Redundancy Reduced Trap

Alarm	Attributes	Applicable major releases
Name: IK8652343 (7655) Type: communicationsAlarm (4) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: NIC Redundancy Reduced Trap (1457) Implicitly cleared: true Default probable cause: communicationsSubsystemFailure (915)	<ul style="list-style-type: none"> LR14.3.MG
Description: This alarm will be sent any time a physical adapter in a logical adapter group changes to the Failed condition, but at least one physical adapter remains in the OK condition. This can be caused by loss of link due to a cable being removed from the adapter or the Hub or Switch. Internal adapter, Hub, or Switch failures can also cause this condition. Alarm is cleared by the system. Reason: cpqNic2RedundancyReduced		
Remedial action: Check the cables to the adapter and the Hub or Switch. If no cable problems are found, the adapter, Hub, or Switch may need replacement.		

Table 26-1263 IK8652344 - like Activity Detected Trap

Alarm	Attributes	Applicable major releases
Name: IK8652344 (7656) Type: communicationsAlarm (4) Package: lmg Raised on class: lmg.LMGmngElement	Severity: warning Specific problem: like Activity Detected Trap (1636) Implicitly cleared: false Default probable cause: communicationsSubsystemFailure (915)	<ul style="list-style-type: none"> LR14.3.MG
Description: This alarm will be sent when the Virus Throttle Filter Driver detects virus like activity. Alarm to be cleared by the operator at the management system. Reason: cpqNicVirusLikeActivityDetected		
Remedial action: The system reporting this trap requires immediate attention.		

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Table 26-1264 IK8652347 - NIC Connectivity Lost Trap

Alarm	Attributes	Applicable major releases
Name: IK8652347 (7657) Type: communicationsAlarm (4) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: NIC Connectivity Lost Trap (1456) Implicitly cleared: false Default probable cause: communicationsSubsystemFailure (915)	<ul style="list-style-type: none"> LR14.3.MG
Description: This alarm will be sent any time the status of a logical adapter changes to the Failed condition. This occurs when the adapter in a single adapter configuration fails, or when the last adapter in a redundant configuration fails. This can be caused by loss of link due to a cable being removed from the adapter or the Hub or Switch. Internal adapter, Hub, or Switch failures can also cause this condition. Alarm to be cleared by the operator at the management system. Reason: cpqNic3ConnectivityLost		
Remedial action: Check the cables to the adapter and the Hub or Switch. If no cable problems are found, the adapter, Hub, or Switch may need replacement.		

Table 26-1265 IK8652349 - NIC Redundancy Reduced Trap

Alarm	Attributes	Applicable major releases
Name: IK8652349 (7658) Type: communicationsAlarm (4) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: NIC Redundancy Reduced Trap (1457) Implicitly cleared: true Default probable cause: communicationsSubsystemFailure (915)	<ul style="list-style-type: none"> LR14.3.MG
Description: This alarm will be sent any time a physical adapter in a logical adapter group changes to the Failed condition, but at least one physical adapter remains in the OK condition. This can be caused by loss of link due to a cable being removed from the adapter or the Hub or Switch. Internal adapter, Hub, or Switch failures can also cause this condition. Alarm is cleared by the system. Reason: cpqNic3RedundancyReduced		
Remedial action: Check the cables to the adapter and the Hub or Switch. If no cable problems are found, the adapter, Hub, or Switch may need replacement.		

Table 26-1266 IK8652360 - Enclosure temperature failed

Alarm	Attributes	Applicable major releases
Name: IK8652360 (7659) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: Enclosure temperature failed (1458) Implicitly cleared: false Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> LR14.3.MG
Description: The enclosure temperature status has been set to failed. This alarm signifies that a enclosure temperature sensor has been tripped indicating an overheat condition. Alarm to be cleared by the operator at the management system. Reason: cpqRackEnclosureTempFailed		

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Alarm	Attributes	Applicable major releases
Remedial action: Shutdown the enclosure and possibly the rack as soon as possible. Ensure all fans are working properly and that air flow in the rack has not been blocked.		

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Table 26-1267 IK8652361 - Enclosure temperature degraded

Alarm	Attributes	Applicable major releases
Name: IK8652361 (7660) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGmngElement	Severity: minor Specific problem: Enclosure temperature degraded (1637) Implicitly cleared: false Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> LR14.3.MG
Description: The enclosure temperature status has been set to degraded. This alarm signifies that an enclosure temperature sensor has been tripped indicating a possible overheat condition.\nAlarm to be cleared by the operator at the management system.\nReason: cpqRackEnclosureTempDegraded		
Remedial action: Shutdown the enclosure and possibly the rack as soon as possible. Ensure all fans are working properly and that air flow in the rack has not been blocked.		

Table 26-1268 IK8652363 - Enclosure fan failed

Alarm	Attributes	Applicable major releases
Name: IK8652363 (7661) Type: environmentalAlarm (2) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: Enclosure fan failed (1459) Implicitly cleared: true Default probable cause: coolingFanFailure (651)	<ul style="list-style-type: none"> LR14.3.MG
Description: The enclosure fan status has been set to failed. This alarm signifies that an enclosure fan has failed and no other fans in the redundant fan group are operating. This may result in overheating of the enclosure.\nAlarm is cleared by the system.\nReason: cpqRackEnclosureFanFailed		
Remedial action: Replace the fan as soon as possible.		

Table 26-1269 IK8652364 - Enclosure fan degraded

Alarm	Attributes	Applicable major releases
Name: IK8652364 (7662) Type: environmentalAlarm (2) Package: lmg Raised on class: lmg.LMGmngElement	Severity: minor Specific problem: Enclosure fan degraded (1638) Implicitly cleared: false Default probable cause: coolingFanFailure (651)	<ul style="list-style-type: none"> LR14.3.MG

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Alarm	Attributes	Applicable major releases
Description: The enclosure fan status has been set to degraded. This alarm signifies that an enclosure fan has failed but other fans in the redundant fan group are still operating. This may result in overheating of the enclosure.\nAlarm to be cleared by the operator at the management system.\nReason: cpqRackEnclosureFanDegraded		
Remedial action: Replace the fan as soon as possible.		

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Table 26-1270 IK8652368 - Rack power supply failed

Alarm	Attributes	Applicable major releases
Name: IK8652368 (7663) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGmngElement	Severity: critical Specific problem: Rack power supply failed (1460) Implicitly cleared: true Default probable cause: powerProblem (911)	<ul style="list-style-type: none"> LR14.3.MG
Description: The power supply status has been set to failed. This alarm signifies that a power supply has failed.\nAlarm is cleared by the system.\nReason: cpqRackPowerSupplyFailed		
Remedial action: Replace the power supply as soon as possible.		

Table 26-1271 IK8652369 - Rack power supply degraded

Alarm	Attributes	Applicable major releases
Name: IK8652369 (7664) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: Rack power supply degraded (1461) Implicitly cleared: false Default probable cause: powerProblem (911)	<ul style="list-style-type: none"> LR14.3.MG
Description: The power supply status has been set to degraded. This alarm signifies that a power supply has degraded.\nAlarm to be cleared by the operator at the management system.\nReason: cpqRackPowerSupplyDegraded		
Remedial action: Replace the power supply as soon as possible.		

Table 26-1272 IK8652373 - Rack power subsystem not redundant

Alarm	Attributes	Applicable major releases
Name: IK8652373 (7665) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGmngElement	Severity: minor Specific problem: Rack power subsystem not redundant (1639) Implicitly cleared: false Default probable cause: powerProblem (911)	<ul style="list-style-type: none"> LR14.3.MG
Description: The rack power subsystem is no longer in a redundant state.\nAlarm to be cleared by the operator at the management system.\nReason: cpqRackPowerSubsystemNotRedundant		

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Alarm	Attributes	Applicable major releases
Remedial action: Replace any failed power supplies as soon as possible to return the system to a redundant state.		

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Table 26-1273 IK8652374 - Rack power supply input voltage problem

Alarm	Attributes	Applicable major releases
Name: IK8652374 (7666) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: Rack power supply input voltage problem (1462) Implicitly cleared: false Default probable cause: powerProblem (911)	<ul style="list-style-type: none"> LR14.3.MG
Description: The rack power supply detected an input line voltage problem.\nAlarm to be cleared by the operator at the management system.\nReason: cpqRackPowerSubsystemLineVoltageProblem		
Remedial action: Check the power input for the power supply or replace any failed power supplies as soon as possible.		

Table 26-1274 IK8652375 - Rack power subsystem overload condition

Alarm	Attributes	Applicable major releases
Name: IK8652375 (7667) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: Rack power subsystem overload condition (1463) Implicitly cleared: false Default probable cause: powerProblem (911)	<ul style="list-style-type: none"> LR14.3.MG
Description: The rack power subsystem overload condition.\nAlarm to be cleared by the operator at the management system.\nReason: cpqRackPowerSubsystemOverloadCondition		
Remedial action: Replace any failed power supplies as soon as possible to return the system to a redundant state.		

Table 26-1275 IK8652376 - Server shutdown due to power shedding

Alarm	Attributes	Applicable major releases
Name: IK8652376 (7668) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGmngElement	Severity: critical Specific problem: Server shutdown due to power shedding (1464) Implicitly cleared: false Default probable cause: powerProblem (911)	<ul style="list-style-type: none"> LR14.3.MG
Description: Server shutdown due to power shedding. The server blade was shutdown due to a lack of power.\nAlarm to be cleared by the operator at the management system.\nReason: cpqRackPowerShedAutoShutdown		
Remedial action: Check power connections or add power supplies.		

Table 26-1276 IK8652377 - Server power on prevented to preserve redundancy

Alarm	Attributes	Applicable major releases
Name: IK8652377 (7669) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGmngElement	Severity: critical Specific problem: Server power on prevented to preserve redundancy (1465) Implicitly cleared: false Default probable cause: powerProblem (911)	<ul style="list-style-type: none"> LR14.3.MG
Description: Server power on prevented to preserve redundancy. There is not enough power to power on the server blade and maintain redundancy for the other blades in the enclosure.\nAlarm to be cleared by the operator at the management system.\nReason: cpqRackServerPowerOnFailedNotRedundant		
Remedial action: Check power connections or add power supplies.		

Table 26-1277 IK8652378 - Inadequate power to power on

Alarm	Attributes	Applicable major releases
Name: IK8652378 (7670) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGmngElement	Severity: critical Specific problem: Inadequate power to power on (1466) Implicitly cleared: false Default probable cause: powerProblem (911)	<ul style="list-style-type: none"> LR14.3.MG
Description: Inadequate power to power on. There is not enough power to power on the server blade.\nAlarm to be cleared by the operator at the management system.\nReason: cpqRackServerPowerOnFailedNotEnoughPower		
Remedial action: Check power connections or add power supplies.		

Table 26-1278 IK8652379 - Inadequate power to power on

Alarm	Attributes	Applicable major releases
Name: IK8652379 (7671) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGmngElement	Severity: critical Specific problem: Inadequate power to power on (1466) Implicitly cleared: false Default probable cause: powerProblem (911)	<ul style="list-style-type: none"> LR14.3.MG
Description: Inadequate power to power on. There is not enough power to power on the server blade. The server enclosure micro-controller was not found.\nAlarm to be cleared by the operator at the management system.\nReason: cpqRackServerPowerOnFailedEnclosureNotFound		
Remedial action: Check server enclosure connections or add power supplies.		

Table 26-1279 IK8652380 - Inadequate power to power on

Alarm	Attributes	Applicable major releases
Name: IK8652380 (7672) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGmngElement	Severity: critical Specific problem: Inadequate power to power on (1466) Implicitly cleared: false Default probable cause: powerProblem (911)	<ul style="list-style-type: none"> LR14.3.MG
Description: Inadequate power to power on. There is not enough power to power on the server blade. The power enclosure micro-controller was not found.\nAlarm to be cleared by the operator at the management system.\nReason: cpqRackServerPowerOnFailedPowerChassisNotFound		
Remedial action: Check power enclosure connections or add power supplies.		

Table 26-1280 IK8652382 - Fuse open

Alarm	Attributes	Applicable major releases
Name: IK8652382 (7673) Type: environmentalAlarm (2) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: Fuse open (1467) Implicitly cleared: false Default probable cause: enclosureDoorOpen (900)	<ul style="list-style-type: none"> LR14.3.MG
Description: Fuse open. The fuse has been tripped.\nAlarm to be cleared by the operator at the management system.\nReason: cpqRackFuseOpen		
Remedial action: Check enclosure and / or blade power connections and reset the fuse.		

Table 26-1281 IK8652385 - Power subsystem not load balanced

Alarm	Attributes	Applicable major releases
Name: IK8652385 (7674) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGmngElement	Severity: minor Specific problem: Power subsystem not load balanced (1640) Implicitly cleared: false Default probable cause: powerProblem (911)	<ul style="list-style-type: none"> LR14.3.MG
Description: Power subsystem not load balanced. The power subsystem is out of balance for this power enclosure.\nAlarm to be cleared by the operator at the management system.\nReason: cpqRackPowerChassisNotLoadBalanced		
Remedial action: Check the power enclosure and power supplies. Replace any failed or degraded power supplies. Add additional power supplies if needed.		

Table 26-1282 IK8652386 - Power subsystem DC power problem

Alarm	Attributes	Applicable major releases
Name: IK8652386 (7675) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: Power subsystem DC power problem (1468) Implicitly cleared: false Default probable cause: powerProblem (911)	<ul style="list-style-type: none"> LR14.3.MG
Description: Power subsystem DC power problem. There is a power subsystem DC power problem for this power enclosure.\nAlarm to be cleared by the operator at the management system.\nReason: cpqRackPowerChassisDcPowerProblem		
Remedial action: Check the power enclosure and power supplies. Replace any failed or degraded power supplies.		

Table 26-1283 IK8652387 - Power subsystem AC facility input power exceeded

Alarm	Attributes	Applicable major releases
Name: IK8652387 (7676) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: Power subsystem AC facility input power exceeded (1469) Implicitly cleared: false Default probable cause: powerProblem (911)	<ul style="list-style-type: none"> LR14.3.MG
Description: Power subsystem AC facility input power exceeded. There is a power subsystem Power subsystem AC facility input power exceeded for this power enclosure.\nAlarm to be cleared by the operator at the management system.\nReason: cpqRackPowerChassisAcFacilityPowerExceeded		
Remedial action: Check the power enclosure and power supplies. Replace any failed or degraded power supplies.		

Table 26-1284 IK8652388 - Unknown power consumption

Alarm	Attributes	Applicable major releases
Name: IK8652388 (7677) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: Unknown power consumption (1470) Implicitly cleared: false Default probable cause: powerProblem (911)	<ul style="list-style-type: none"> LR14.3.MG
Description: Unknown power consumption. There is an unknown power consumer drawing power.\nAlarm to be cleared by the operator at the management system.\nReason: cpqRackPowerUnknownPowerConsumption		
Remedial action: Check the power enclosure and power supplies. Replace any failed or degraded power supplies.		

Table 26-1285 IK8652389 - Power subsystem load balancing wire missing

Alarm	Attributes	Applicable major releases
Name: IK8652389 (7678) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGmngElement	Severity: minor Specific problem: Power subsystem load balancing wire missing (1641) Implicitly cleared: false Default probable cause: powerProblem (911)	<ul style="list-style-type: none"> LR14.3.MG
Description: Power subsystem load balancing wire missing. The power subsystem load balancing wire missing.\nAlarm to be cleared by the operator at the management system.\nReason: cpqRackPowerChassisLoadBalancingWireMissing		
Remedial action: Connect the load balancing wire.		

Table 26-1286 IK8652390 - Power subsystem has too may power enclosures

Alarm	Attributes	Applicable major releases
Name: IK8652390 (7679) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGmngElement	Severity: minor Specific problem: Power subsystem has too may power enclosures (1642) Implicitly cleared: false Default probable cause: powerProblem (911)	<ul style="list-style-type: none"> LR14.3.MG
Description: Power subsystem has too may power enclosures. The maximum number of power enclosures has been exceeded.\nAlarm to be cleared by the operator at the management system.\nReason: cpqRackPowerChassisTooManyPowerChassis		
Remedial action: Remove the extra power enclosure.		

Table 26-1287 IK8652391 - Power subsystem improperly configured

Alarm	Attributes	Applicable major releases
Name: IK8652391 (7680) Type: processingErrorAlarm (81) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: Power subsystem improperly configured (1471) Implicitly cleared: false Default probable cause: configurationOrCustomizationError (902)	<ul style="list-style-type: none"> LR14.3.MG
Description: Power subsystem improperly configured. The power subsystem has been improperly configured.\nAlarm to be cleared by the operator at the management system.\nReason: cpqRackPowerChassisConfigError		
Remedial action: Check the cabling of the power enclosure.		

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Table 26-1288 IK8652392 - Enclosure manager degraded

Alarm	Attributes	Applicable major releases
Name: IK8652392 (7681) Type: qualityOfServiceAlarm (82) Package: lmg Raised on class: lmg.LMGmngElement	Severity: minor Specific problem: Enclosure manager degraded (1643) Implicitly cleared: true Default probable cause: performanceDegraded (710)	<ul style="list-style-type: none"> LR14.3.MG
Description: The Onboard Administrator or other management processor status has been set to degraded. This alarm signifies that either an Onboard Administrator has failed but the other Onboard Administrator is still operating, or one or more management processors is in a non-optimal operating state. Alarm is cleared by the system. Reason: cpqRackEnclosureManagerDegraded		
Remedial action: For C-Class enclosures, replace the Onboard Administrator as soon as possible. For all others please refer to product documentation for possible corrective actions		

Table 26-1289 IK8652397 - keying failed

Alarm	Attributes	Applicable major releases
Name: IK8652397 (7682) Type: communicationsAlarm (4) Package: lmg Raised on class: lmg.LMGmngElement	Severity: minor Specific problem: keying failed (1644) Implicitly cleared: false Default probable cause: communicationsSubsystemFailure (915)	<ul style="list-style-type: none"> LR14.3.MG
Description: The server blade e-keying has failed. This alarm signifies that a server blade e-keying has failed and there is a port mapping problem between a server mezz card and the interconnect. Alarm to be cleared by the operator at the management system. Reason: cpqRackServerBladeEKeyingFailed		
Remedial action: Reconfigure server blade mezz cards.		

Table 26-1290 IK8652401 - Interconnect failed

Alarm	Attributes	Applicable major releases
Name: IK8652401 (7683) Type: communicationsAlarm (4) Package: lmg Raised on class: lmg.LMGmngElement	Severity: critical Specific problem: Interconnect failed (1472) Implicitly cleared: false Default probable cause: communicationsSubsystemFailure (915)	<ul style="list-style-type: none"> LR14.3.MG
Description: The interconnect status has been set to failed. This alarm signifies that a interconnect has failed. Alarm to be cleared by the operator at the management system. Reason: cpqRackNetConnectorFailed		
Remedial action: Replace the interconnect as soon as possible.		

Table 26-1291 IK8652402 - Interconnect degraded

Alarm	Attributes	Applicable major releases
Name: IK8652402 (7684) Type: communicationsAlarm (4) Package: lmg Raised on class: lmg.LMGmngElement	Severity: minor Specific problem: Interconnect degraded (1645) Implicitly cleared: false Default probable cause: communicationsSubsystemFailure (915)	<ul style="list-style-type: none"> LR14.3.MG
Description: The interconnect status has been set to degraded. This alarm signifies that a interconnect has degraded.\nAlarm to be cleared by the operator at the management system.\nReason: cpqRackNetConnectorDegraded		
Remedial action: Replace the interconnect as soon as possible.		

Table 26-1292 IK8652408 - Server blade health status degraded

Alarm	Attributes	Applicable major releases
Name: IK8652408 (7685) Type: qualityOfServiceAlarm (82) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: Server blade health status degraded (1473) Implicitly cleared: false Default probable cause: performanceDegraded (710)	<ul style="list-style-type: none"> LR14.3.MG
Description: Server blade health status Degraded. The server blade health status has changed to Degraded.\nAlarm to be cleared by the operator at the management system.\nReason: cpqRackServerBladeStatusDegraded		
Remedial action: Check blade server and enclosure SYSLOG.		

Table 26-1293 IK8652409 - Server blade health status critical

Alarm	Attributes	Applicable major releases
Name: IK8652409 (7686) Type: processingErrorAlarm (81) Package: lmg Raised on class: lmg.LMGmngElement	Severity: critical Specific problem: Server blade health status critical (1474) Implicitly cleared: false Default probable cause: applicationSubsystemFailure (689)	<ul style="list-style-type: none"> LR14.3.MG
Description: Server blade health status Critical. The server blade health status has changed to Critical.\nAlarm to be cleared by the operator at the management system.\nReason: cpqRackServerBladeStatusCritical		
Remedial action: Check blade server and enclosure SYSLOG.		

Table 26-1294 IK8652410 - Server blade not responding to group capping requests

Alarm	Attributes	Applicable major releases
Name: IK8652410 (7687) Type: equipmentAlarm (3) Package: Img Raised on class: Img.LMGmngElement	Severity: minor Specific problem: Server blade not responding to group capping requests (1646) Implicitly cleared: false Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> LR14.3.MG
Description: The server blade is not responding to the group capper. The server blade is not responding to capping requests from the enclosure group capper\nAlarm to be cleared by the operator at the management system.\nReason: cpqRackServerBladeGrpCapTimeout		
Remedial action: Reset the iLO management processor.		

Table 26-1295 IK8652411 - Server blade unexpected shutdown

Alarm	Attributes	Applicable major releases
Name: IK8652411 (7688) Type: equipmentAlarm (3) Package: Img Raised on class: Img.LMGmngElement	Severity: major Specific problem: Server blade unexpected shutdown (1475) Implicitly cleared: false Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> LR14.3.MG
Description: An unexpected shutdown has occurred for this server blade.\nAlarm to be cleared by the operator at the management system.\nReason: cpqRackServerBladeUnexpectedShutdown		
Remedial action: Check blade server and enclosure SYSLOG.		

Table 26-1296 IK8652427 - Generic EAE Minor trap

Alarm	Attributes	Applicable major releases
Name: IK8652427 (7689) Type: equipmentAlarm (3) Package: Img Raised on class: Img.LMGmngElement	Severity: minor Specific problem: Generic EAE Minor trap (1647) Implicitly cleared: false Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> LR14.3.MG
Description: EAE Minor trap\nAlarm to be cleared by the operator at the management system.\nReason: cpqRackMinorEAETrap		
Remedial action: If the problem persists, contact Alcatel-Lucent customer support.		

Table 26-1297 IK8652428 - Generic EAE Major trap

Alarm	Attributes	Applicable major releases
Name: IK8652428 (7690) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: Generic EAE Major trap (1476) Implicitly cleared: false Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> LR14.3.MG
Description: EAE Major trap\nAlarm to be cleared by the operator at the management system.\nReason: cpqRackMajorEAETrap		
Remedial action: If the problem persists, contact Alcatel-Lucent customer support.		

Table 26-1298 IK8652429 - Generic EAE Critical trap

Alarm	Attributes	Applicable major releases
Name: IK8652429 (7691) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGmngElement	Severity: critical Specific problem: Generic EAE Critical trap (1477) Implicitly cleared: false Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> LR14.3.MG
Description: EAE Critical trap\nAlarm to be cleared by the operator at the management system.\nReason: cpqRackCriticalEAETrap		
Remedial action: If the problem persists, contact Alcatel-Lucent customer support.		

Table 26-1299 IK8652430 - Generic Power Subsystem EAE Minor trap

Alarm	Attributes	Applicable major releases
Name: IK8652430 (7692) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGmngElement	Severity: minor Specific problem: Generic Power Subsystem EAE Minor trap (1648) Implicitly cleared: false Default probable cause: powerProblem (911)	<ul style="list-style-type: none"> LR14.3.MG
Description: FlexFabric Cmdr Power Subsystem Minor trap.\nAlarm to be cleared by the operator at the management system.\nReason: cpqRackPowerMinorEAETrap		
Remedial action: For FlexFabric Cmdr, please refer to product documentation for possible corrective actions.		

Table 26-1300 IK8652431 - Generic Power Subsystem EAE Major trap

Alarm	Attributes	Applicable major releases
Name: IK8652431 (7693) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGMngElement	Severity: major Specific problem: Generic Power Subsystem EAE Major trap (1478) Implicitly cleared: false Default probable cause: powerProblem (911)	<ul style="list-style-type: none"> LR14.3.MG
Description: FlexFabric Cmdr Power Subsystem Major trap.\nAlarm to be cleared by the operator at the management system.\nReason: cpqRackPowerMajorEAETrap		
Remedial action: For FlexFabric Cmdr, please refer to product documentation for possible corrective actions.		

Table 26-1301 IK8652432 - Generic Power Subsystem EAE Critical trap

Alarm	Attributes	Applicable major releases
Name: IK8652432 (7694) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGMngElement	Severity: critical Specific problem: Generic Power Subsystem EAE Critical trap (1479) Implicitly cleared: false Default probable cause: powerProblem (911)	<ul style="list-style-type: none"> LR14.3.MG
Description: FlexFabric Cmdr Power Subsystem Critical trap.\nAlarm to be cleared by the operator at the management system.\nReason: cpqRackPowerCriticalEAETrap		
Remedial action: For FlexFabric Cmdr, please refer to product documentation for possible corrective actions.		

Table 26-1302 IK8652435 - Generic WSMAN Minor trap

Alarm	Attributes	Applicable major releases
Name: IK8652435 (7695) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGMngElement	Severity: minor Specific problem: Generic WSMAN Minor trap (1649) Implicitly cleared: false Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> LR14.3.MG
Description: WSMAN Minor trap\nReason: cpqRackMinorWSMANTrap		
Remedial action: If the problem persists, contact Alcatel-Lucent customer support.		

Table 26-1303 IK8652436 - Generic WSMAN Major trap

Alarm	Attributes	Applicable major releases
Name: IK8652436 (7696) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: Generic WSMAN Major trap (1480) Implicitly cleared: false Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> LR14.3.MG
Description: WSMAN Major trap\nReason: cpqRackMajorWSMANTrap		
Remedial action: If the problem persists, contact Alcatel-Lucent customer support.		

Table 26-1304 IK8652437 - Generic WSMAN Critical trap

Alarm	Attributes	Applicable major releases
Name: IK8652437 (7697) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGmngElement	Severity: critical Specific problem: Generic WSMAN Critical trap (1481) Implicitly cleared: false Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> LR14.3.MG
Description: WSMAN Critical trap\nReason: cpqRackCriticalWSMANTrap		
Remedial action: If the problem persists, contact Alcatel-Lucent customer support.		

Table 26-1305 IK8652439 - Standby Recovery Server Interconnect Failure

Alarm	Attributes	Applicable major releases
Name: IK8652439 (7698) Type: communicationsAlarm (4) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: Standby Recovery Server Interconnect Failure (1482) Implicitly cleared: false Default probable cause: communicationsSubsystemFailure (915)	<ul style="list-style-type: none"> LR14.3.MG
Description: Recovery Server serial interconnect failure. The Standby Recovery Agent reports that the local serial interconnect is not connected or has failed. The primary server is being shutdown in anticipation of the startup of the standby server.\nAlarm to be cleared by the operator at the management system.\nReason: cpqRsStandbyCableFailure		
Remedial action: If the problem persists, contact Alcatel-Lucent customer support.		

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Table 26-1306 IK8652443 - Device Connected

Alarm	Attributes	Applicable major releases
Name: IK8652443 (7699) Type: communicationsAlarm (4) Package: lmg Raised on class: lmg.LMGmngElement	Severity: variable Specific problem: Device Connected (1650) Implicitly cleared: false Default probable cause: communicationsSubsystemFailure (915)	<ul style="list-style-type: none"> LR14.3.MG
Description: A UPS device is reporting a Connection Lost due to one of the following. 1. The serial cable connected to the UPS has been unplugged. 2. The Network cable connected to the UPS has been unplugged.\nAlarm to be cleared by the operator at the management system.\nReason: cpqRPMTrapDeviceConnected		
Remedial action: Perform the following steps to clear the alarm: 1. Insure all cables are seated properly. 2. check you network to insure it is functioning properly. 3. If the UPS is serially connected insure that the Serial Relay Agent is installed and running.		

Table 26-1307 IK8652444 - Connection Lost

Alarm	Attributes	Applicable major releases
Name: IK8652444 (7700) Type: communicationsAlarm (4) Package: lmg Raised on class: lmg.LMGmngElement	Severity: variable Specific problem: Connection Lost (1651) Implicitly cleared: false Default probable cause: communicationsSubsystemFailure (915)	<ul style="list-style-type: none"> LR14.3.MG
Description: A UPS device is reporting a Connection Lost due to one of the following. 1. The serial cable connected to the UPS has been unplugged. 2. The Network cable connected to the UPS has been unplugged.\nAlarm to be cleared by the operator at the management system.\nReason: cpqRPMTrapConnectionLost		
Remedial action: Perform the following steps to clear the alarm: 1. Insure all cables are seated properly. 2. check you network to insure it is functioning properly. 3. If the UPS is serially connected insure that the Serial Relay Agent is installed and running.		

Table 26-1308 IK8652449 - CMC Temperature 1 Above Warning

Alarm	Attributes	Applicable major releases
Name: IK8652449 (7701) Type: environmentalAlarm (2) Package: lmg Raised on class: lmg.LMGmngElement	Severity: variable Specific problem: CMC Temperature 1 Above Warning (1652) Implicitly cleared: false Default probable cause: temperatureUnacceptable (721)	<ul style="list-style-type: none"> LR14.3.MG
Description: A CMC device is reporting temperature 1 above warning threshold.\nAlarm to be cleared by the operator at the management system.\nReason: cpqRPMTrapCMCTemp1AboveWarn		
Remedial action: If the problem persists, contact Alcatel-Lucent customer support.		

Table 26-1309 IK8652450 - CMC Temperature 1 Above Maximum

Alarm	Attributes	Applicable major releases
Name: IK8652450 (7702) Type: environmentalAlarm (2) Package: lmg Raised on class: lmg.LMGmngElement	Severity: variable Specific problem: CMC Temperature 1 Above Maximum (1653) Implicitly cleared: false Default probable cause: temperatureUnacceptable (721)	<ul style="list-style-type: none"> LR14.3.MG
Description: A CMC device is reporting temperature 1 above maximum threshold.\nAlarm to be cleared by the operator at the management system.\nReason: cpqRPMTrapCMCTemp1AboveMax		
Remedial action: If the problem persists, contact Alcatel-Lucent customer support.		

Table 26-1310 IK8652453 - CMC Temperature 2 Above Warning

Alarm	Attributes	Applicable major releases
Name: IK8652453 (7703) Type: environmentalAlarm (2) Package: lmg Raised on class: lmg.LMGmngElement	Severity: variable Specific problem: CMC Temperature 2 Above Warning (1654) Implicitly cleared: false Default probable cause: temperatureUnacceptable (721)	<ul style="list-style-type: none"> LR14.3.MG
Description: A CMC device is reporting temperature 2 above warning threshold.\nAlarm to be cleared by the operator at the management system.\nReason: cpqRPMTrapCMCTemp2AboveWarn		
Remedial action: If the problem persists, contact Alcatel-Lucent customer support.		

Table 26-1311 IK8652454 - CMC Temperature 2 Above Maximum

Alarm	Attributes	Applicable major releases
Name: IK8652454 (7704) Type: environmentalAlarm (2) Package: lmg Raised on class: lmg.LMGmngElement	Severity: variable Specific problem: CMC Temperature 2 Above Maximum (1655) Implicitly cleared: false Default probable cause: temperatureUnacceptable (721)	<ul style="list-style-type: none"> LR14.3.MG
Description: A CMC device is reporting temperature 2 above maximum threshold.\nAlarm to be cleared by the operator at the management system.\nReason: cpqRPMTrapCMCTemp2AboveMax		
Remedial action: If the problem persists, contact Alcatel-Lucent customer support.		

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Table 26-1312 IK8652457 - CMC Voltage Above Maximum

Alarm	Attributes	Applicable major releases
Name: IK8652457 (7705) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGmngElement	Severity: variable Specific problem: CMC Voltage Above Maximum (1656) Implicitly cleared: false Default probable cause: powerProblem (911)	<ul style="list-style-type: none"> LR14.3.MG
Description: A CMC device is reporting voltage above maximum threshold.\nAlarm to be cleared by the operator at the management system.\nReason: cpqRPMTrapCMCVoltOver		
Remedial action: If the problem persists, contact Alcatel-Lucent customer support.		

Table 26-1313 IK8652460 - CMC Humidity Above Maximum

Alarm	Attributes	Applicable major releases
Name: IK8652460 (7706) Type: environmentalAlarm (2) Package: lmg Raised on class: lmg.LMGmngElement	Severity: variable Specific problem: CMC Humidity Above Maximum (1657) Implicitly cleared: false Default probable cause: humidityUnacceptable (702)	<ul style="list-style-type: none"> LR14.3.MG
Description: A CMC device is reporting humidity above maximum threshold.\nAlarm to be cleared by the operator at the management system.\nReason: cpqRPMTrapCMCHmdtOver		
Remedial action: If the problem persists, contact Alcatel-Lucent customer support.		

Table 26-1314 IK8652462 - CMC Smoke Detected

Alarm	Attributes	Applicable major releases
Name: IK8652462 (7707) Type: environmentalAlarm (2) Package: lmg Raised on class: lmg.LMGmngElement	Severity: variable Specific problem: CMC Smoke Detected (1658) Implicitly cleared: true Default probable cause: smoke (676)	<ul style="list-style-type: none"> LR14.3.MG
Description: A CMC device is reporting smoke detected.\nAlarm is cleared by the system.\nReason: cpqRPMTrapCMCSmokeDetected		
Remedial action: Check the CMC device		

Table 26-1315 IK8652464 - CMC Shock Detected

Alarm	Attributes	Applicable major releases
Name: IK8652464 (7708) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGmngElement	Severity: variable Specific problem: CMC Shock Detected (1659) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> LR14.3.MG
Description: A CMC device is reporting shock detected.\nAlarm is cleared by the system.\nReason: cpqRPMTrapCMCShockDetected		
Remedial action: Check the CMC device		

Table 26-1316 IK8652466 - CMC Aux 1 Alarm

Alarm	Attributes	Applicable major releases
Name: IK8652466 (7709) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGmngElement	Severity: variable Specific problem: CMC Aux 1 Alarm (1660) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> LR14.3.MG
Description: A CMC device has entered an alarm condition for auxiliary input 1.\nAlarm is cleared by the system.\nReason: cpqRPMTrapCMCAux1Alarm		
Remedial action: If the problem persists, contact Alcatel-Lucent customer support.		

Table 26-1317 IK8652468 - CMC Aux 2 Alarm

Alarm	Attributes	Applicable major releases
Name: IK8652468 (7710) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGmngElement	Severity: variable Specific problem: CMC Aux 2 Alarm (1661) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> LR14.3.MG
Description: A CMC device has entered an alarm condition for auxiliary input 2.\nAlarm is cleared by the system.\nReason: cpqRPMTrapCMCAux2Alarm		
Remedial action: If the problem persists, contact Alcatel-Lucent customer support.		

Table 26-1318 IK8652489 - UPS Input Voltage Above Maximum

Alarm	Attributes	Applicable major releases
Name: IK8652489 (7711) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGmngElement	Severity: variable Specific problem: UPS Input Voltage Above Maximum (1662) Implicitly cleared: false Default probable cause: powerProblem (911)	<ul style="list-style-type: none"> LR14.3.MG
Description: A UPS device is reporting input voltage above maximum threshold.\nAlarm to be cleared by the operator at the management system.\nReason: cpqRPMTrapUPSInputVoltageAboveMax		
Remedial action: If the problem persists, contact Alcatel-Lucent customer support.		

Table 26-1319 IK8652490 - UPS Input Voltage Normal

Alarm	Attributes	Applicable major releases
Name: IK8652490 (7712) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGmngElement	Severity: variable Specific problem: UPS Input Voltage Normal (1663) Implicitly cleared: false Default probable cause: powerProblem (911)	<ul style="list-style-type: none"> LR14.3.MG
Description: A UPS device is reporting input voltage is out of range.\nAlarm to be cleared by the operator at the management system.\nReason: cpqRPMTrapUPSInputVoltageNormal		
Remedial action: Perform the following steps to clear the alarm: 1. Check to make sure the UPS is plugged into an outlet supplied with utility power. 2. If the UPS remains on battery for an extended period of time it will not be able to sustain the load.		

Table 26-1320 IK8652492 - UPS Output Voltage Above Maximum

Alarm	Attributes	Applicable major releases
Name: IK8652492 (7713) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGmngElement	Severity: variable Specific problem: UPS Output Voltage Above Maximum (1664) Implicitly cleared: false Default probable cause: powerProblem (911)	<ul style="list-style-type: none"> LR14.3.MG
Description: A UPS device is reporting output voltage above maximum threshold.\nAlarm to be cleared by the operator at the management system.\nReason: cpqRPMTrapUPSOutputVoltageAboveMax		
Remedial action: If the problem persists, contact Alcatel-Lucent customer support.		

Table 26-1321 IK8652493 - UPS Output Voltage Normal

Alarm	Attributes	Applicable major releases
Name: IK8652493 (7714) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGmngElement	Severity: variable Specific problem: UPS Output Voltage Normal (1665) Implicitly cleared: false Default probable cause: powerProblem (911)	<ul style="list-style-type: none"> LR14.3.MG
Description: A UPS device is reporting output voltage is out of Range.\nAlarm to be cleared by the operator at the management system.\nReason: cpqRPMTrapUPSOutputVoltageNormal		
Remedial action: Perform the following steps to clear the alarm: 1. Initiate a UPS self test. 2. If this error persists contact technical support.		

Table 26-1322 IK8652494 - UPS Output Overload

Alarm	Attributes	Applicable major releases
Name: IK8652494 (7715) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGmngElement	Severity: variable Specific problem: UPS Output Overload (1666) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> LR14.3.MG
Description: A UPS device is reporting an overload condition.\nAlarm is cleared by the system.\nReason: cpqRPMTrapUPSOutputOverload		
Remedial action: Perform the following steps to clear the alarm: 1. Reduce the load on the UPS by moving some of the load to another UPS. 2. Consider moving to a larger UPS to support the current load.		

Table 26-1323 IK8652496 - UPS Battery Low

Alarm	Attributes	Applicable major releases
Name: IK8652496 (7716) Type: environmentalAlarm (2) Package: lmg Raised on class: lmg.LMGmngElement	Severity: variable Specific problem: UPS Battery Low (1510) Implicitly cleared: true Default probable cause: lowBatteryThreshold (656)	<ul style="list-style-type: none"> LR14.3.MG
Description: A UPS device is reporting low battery.\nAlarm is cleared by the system.\nReason: cpqRPMTrapUPSBatteryLow		
Remedial action: Perform the following steps to clear the alarm: 1. Check to make sure the UPS is plugged into an outlet supplied with utility power. 2. When utility power is restored, charge the battery to it's full capacity. If the battery level continues to decrease, the UPS will not be able to sustain the output load!		

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Table 26-1324 IK8652499 - UPS Battery Level Normal

Alarm	Attributes	Applicable major releases
Name: IK8652499 (7717) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGmngElement	Severity: variable Specific problem: UPS Battery Level Normal (1667) Implicitly cleared: false Default probable cause: powerProblem (911)	<ul style="list-style-type: none"> LR14.3.MG
Description: A UPS device is reporting low battery.\nAlarm to be cleared by the operator at the management system.\nReason: cpqRPMTrapUPSBatteryLevelNormal		
Remedial action: Perform the following steps to clear the alarm: 1. Check to make sure the UPS is plugged into an outlet supplied with utility power. 2. When utility power is restored, charge the battery to it's full capacity. If the battery level continues to decrease, the UPS will not be able to sustain the output load!		

Table 26-1325 IK8652500 - UPS On Battery

Alarm	Attributes	Applicable major releases
Name: IK8652500 (7718) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGmngElement	Severity: variable Specific problem: UPS On Battery (1668) Implicitly cleared: false Default probable cause: powerProblem (911)	<ul style="list-style-type: none"> LR14.3.MG
Description: A UPS device is reporting on battery condition.\nAlarm to be cleared by the operator at the management system.\nReason: cpqRPMTrapUPSOnBattery		
Remedial action: Perform the following steps to clear the alarm: 1. Check to make sure the UPS is plugged into an outlet supplied with utility power. If the UPS remains on battery for an extended time it will not be able to sustain the output load!		

Table 26-1326 IK8652502 - UPS On Buck

Alarm	Attributes	Applicable major releases
Name: IK8652502 (7719) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGmngElement	Severity: variable Specific problem: UPS On Buck (1669) Implicitly cleared: false Default probable cause: powerProblem (911)	<ul style="list-style-type: none"> LR14.3.MG
Description: A UPS device is reporting an On Buck condition due to the following. 1. Utility power has increased above recommended utility input levels.\nAlarm to be cleared by the operator at the management system.\nReason: cpqRPMTrapUPSOnBuck		
Remedial action: Perform the following steps to clear the alarm: 1. Contact an electrician.		

Table 26-1327 IK8652503 - UPS On Boost

Alarm	Attributes	Applicable major releases
Name: IK8652503 (7720) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGmngElement	Severity: variable Specific problem: UPS On Boost (1670) Implicitly cleared: false Default probable cause: powerProblem (911)	<ul style="list-style-type: none"> LR14.3.MG
Description: A UPS device is reporting an On Boost condition due to the following. 1. Utility power has dropped below recommended utility input levels.\nAlarm to be cleared by the operator at the management system.\nReason: cpqRPMTrapUPSOnBoost		
Remedial action: Perform the following steps to clear the alarm: 1. Contact an electrician.		

Table 26-1328 IK8652504 - UPS On Utility Power

Alarm	Attributes	Applicable major releases
Name: IK8652504 (7721) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGmngElement	Severity: variable Specific problem: UPS On Utility Power (1671) Implicitly cleared: false Default probable cause: powerProblem (911)	<ul style="list-style-type: none"> LR14.3.MG
Description: A UPS device is reporting on battery condition.\nAlarm to be cleared by the operator at the management system.\nReason: cpqRPMTrapUPSOnUtilityPower		
Remedial action: Perform the following steps to clear the alarm: 1. Check to make sure the UPS is plugged into an outlet supplied with utility power. If the UPS remains on battery for an extended time it will not be able to sustain the output load!		

Table 26-1329 IK8652506 - UPS Temperature High

Alarm	Attributes	Applicable major releases
Name: IK8652506 (7722) Type: environmentalAlarm (2) Package: lmg Raised on class: lmg.LMGmngElement	Severity: variable Specific problem: UPS Temperature High (1672) Implicitly cleared: false Default probable cause: temperatureUnacceptable (721)	<ul style="list-style-type: none"> LR14.3.MG
Description: A UPS device is reporting temperature above maximum threshold.\nAlarm to be cleared by the operator at the management system.\nReason: cpqRPMTrapUPSTemperatureHigh		
Remedial action: If the problem persists, contact Alcatel-Lucent customer support.		

Table 26-1330 IK8652507 - UPS Temperature Normal

Alarm	Attributes	Applicable major releases
Name: IK8652507 (7723) Type: environmentalAlarm (2) Package: lmg Raised on class: lmg.LMGmngElement	Severity: variable Specific problem: UPS Temperature Normal (1673) Implicitly cleared: false Default probable cause: temperatureUnacceptable (721)	<ul style="list-style-type: none"> LR14.3.MG
Description: A UPS device is reporting temperature is out of range.\nAlarm to be cleared by the operator at the management system.\nReason: cpqRPMTrapUPSTemperatureNormal		
Remedial action: Perform the following steps to clear the alarm: 1. Check to make sure the UPS is in a well ventilated area. 2. Lower the ambient temperature in the area where the UPS is located.		

Table 26-1331 IK8652508 - UPS Internal Failure

Alarm	Attributes	Applicable major releases
Name: IK8652508 (7724) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGmngElement	Severity: variable Specific problem: UPS Internal Failure (1674) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> LR14.3.MG
Description: A UPS device is reporting a general UPS failure.\nAlarm is cleared by the system.\nReason: cpqRPMTrapUPSInternalFailure		
Remedial action: Perform the following steps to clear the alarm: 1. Initiate a UPS self test. 2. If this error persists contact technical support.		

Table 26-1332 IK8652510 - UPS Battery Failure

Alarm	Attributes	Applicable major releases
Name: IK8652510 (7725) Type: environmentalAlarm (2) Package: lmg Raised on class: lmg.LMGmngElement	Severity: variable Specific problem: UPS Battery Failure (1675) Implicitly cleared: true Default probable cause: batteryFailure (649)	<ul style="list-style-type: none"> LR14.3.MG
Description: A UPS device is reporting a battery failure.\nAlarm is cleared by the system.\nReason: cpqRPMTrapUPSBatteryFailure		
Remedial action: Perform the following steps to clear the alarm: 1. Initiate a UPS self test. 2. If this error persists contact technical support. 3. Your battery may need to be replaced. The UPS may not be capable of supporting it's load if utility power fails!		

Table 26-1333 IK8652512 - UPS Diagnostic Test Failed

Alarm	Attributes	Applicable major releases
Name: IK8652512 (7726) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGmngElement	Severity: variable Specific problem: UPS Diagnostic Test Failed (1676) Implicitly cleared: false Default probable cause: powerProblem (911)	<ul style="list-style-type: none"> LR14.3.MG
Description: A UPS device is reporting a diagnostic test failed.\nAlarm to be cleared by the operator at the management system.\nReason: cpqRPMTrapUPSDiagnosticTestFailed		
Remedial action: Perform the following steps to clear the alarm: 1. Your battery may need to be replaced. 2. If this error persists contact technical support. 3. The UPS may not be capable of supporting it's load if utility power fails!		

Table 26-1334 IK8652513 - UPS Diagnostic Test Succeeded

Alarm	Attributes	Applicable major releases
Name: IK8652513 (7727) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGmngElement	Severity: variable Specific problem: UPS Diagnostic Test Succeeded (1677) Implicitly cleared: false Default probable cause: powerProblem (911)	<ul style="list-style-type: none"> LR14.3.MG
Description: A UPS device is reporting a diagnostic test failed.\nAlarm to be cleared by the operator at the management system.\nReason: cpqRPMTrapUPSDiagnosticTestSucceeded		
Remedial action: Perform the following steps to clear the alarm: 1. Your battery may need to be replaced. 2. If this error persists contact technical support. 3. The UPS may not be capable of supporting it's load if utility power fails!		

Table 26-1335 IK8652516 - DC Start Occurred

Alarm	Attributes	Applicable major releases
Name: IK8652516 (7728) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGmngElement	Severity: variable Specific problem: DC Start Occurred (1678) Implicitly cleared: true Default probable cause: powerProblem (911)	<ul style="list-style-type: none"> LR14.3.MG
Description: The UPS has been started on battery when AC input power is not present. This alarm is used to record the date and time of this event.\nAlarm is cleared by the system.\nReason: cpqRPMTrapUPSDCStartOccurred		
Remedial action: If the problem persists, contact Alcatel-Lucent customer support.		

Table 26-1336 IK8652518 - Bypass Not Available

Alarm	Attributes	Applicable major releases
Name: IK8652518 (7729) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGmngElement	Severity: variable Specific problem: Bypass Not Available (1679) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> LR14.3.MG
Description: A UPS device is reporting bypass not available. Alarm is cleared by the system. Reason: cpqRPMTrapUPSByPassNotAvailable		
Remedial action: Perform the following steps to clear the alarm: 1. Initiate a UPS self test. 2. If this error persists contact technical support.		

Table 26-1337 IK8652522 - Utility Not Present

Alarm	Attributes	Applicable major releases
Name: IK8652522 (7730) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGmngElement	Severity: variable Specific problem: Utility Not Present (1680) Implicitly cleared: true Default probable cause: powerProblem (911)	<ul style="list-style-type: none"> LR14.3.MG
Description: Indicates that the utility input is not present. This differs from alarm #57 in that the detected voltage is zero in this case. Alarm is cleared by the system. Reason: cpqRPMTrapUPSUtilityNotPresent		
Remedial action: If the problem persists, contact Alcatel-Lucent customer support.		

Table 26-1338 IK8652526 - Site Wiring Fault

Alarm	Attributes	Applicable major releases
Name: IK8652526 (7731) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGmngElement	Severity: variable Specific problem: Site Wiring Fault (1681) Implicitly cleared: false Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> LR14.3.MG
Description: A UPS device is reporting a fault in the input wiring, other than Phase Rotation: e.g., Ground/Neutral reversed. Alarm to be cleared by the operator at the management system. Reason: cpqRPMTrapUPSSiteWiringFault		
Remedial action: Perform the following steps to clear the alarm: 1. Contact an electrician.		

Table 26-1339 IK8652527 - Site Wiring Fault Cleared

Alarm	Attributes	Applicable major releases
Name: IK8652527 (7732) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGmngElement	Severity: variable Specific problem: Site Wiring Fault Cleared (1682) Implicitly cleared: false Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> LR14.3.MG
Description: A UPS device is reporting a fault in the input wiring, other than Phase Rotation: e.g., Ground/Neutral reversed. Alarm to be cleared by the operator at the management system. Reason: cpqRPMTrapUPSSiteWiringNormal		
Remedial action: Perform the following steps to clear the alarm: 1. Contact an electrician.		

Table 26-1340 IK8652528 - The UPS is no longer on manual bypass

Alarm	Attributes	Applicable major releases
Name: IK8652528 (7733) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGmngElement	Severity: variable Specific problem: The UPS is no longer on manual bypass (1683) Implicitly cleared: false Default probable cause: powerProblem (911)	<ul style="list-style-type: none"> LR14.3.MG
Description: A UPS device is operating in manual bypass mode. Alarm to be cleared by the operator at the management system. Reason: cpqRPMtrapUPSByPassOffManual		
Remedial action: Perform the following steps to clear the alarm: 1. In bypass mode, the UPS cannot support devices if there is a power failure. 2. Once maintenance has been performed return the UPS to normal mode.		

Table 26-1341 IK8652529 - The UPS is on manual bypass

Alarm	Attributes	Applicable major releases
Name: IK8652529 (7734) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGmngElement	Severity: variable Specific problem: The UPS is on manual bypass (1684) Implicitly cleared: false Default probable cause: powerProblem (911)	<ul style="list-style-type: none"> LR14.3.MG
Description: A UPS device is operating in manual bypass mode. Alarm to be cleared by the operator at the management system. Reason: cpqRPMtrapUPSByPassONManual		
Remedial action: Perform the following steps to clear the alarm: 1. In bypass mode, the UPS cannot support devices if there is a power failure. 2. Once maintenance has been performed return the UPS to normal mode.		

Table 26-1342 IK8652531 - The UPS was started without utility power

Alarm	Attributes	Applicable major releases
Name: IK8652531 (7735) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGmngElement	Severity: variable Specific problem: The UPS was started without utility power (1685) Implicitly cleared: true Default probable cause: powerProblem (911)	<ul style="list-style-type: none"> LR14.3.MG
Description: A UPS device has been started while on battery power. AC input power is not present. Alarm is cleared by the system. Reason: cppqRPMtrapUPSStartedOnBattery		
Remedial action: Perform the following steps to clear the alarm: 1. Check to make sure the UPS is plugged into an outlet supplied with utility power. If the UPS remains on battery for an extended time it will not be able to sustain the output load.		

Table 26-1343 IK8652533 - Input voltage is out of range

Alarm	Attributes	Applicable major releases
Name: IK8652533 (7736) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGmngElement	Severity: variable Specific problem: Input voltage is out of range (1686) Implicitly cleared: true Default probable cause: powerProblem (911)	<ul style="list-style-type: none"> LR14.3.MG
Description: A UPS device is reporting input voltage is out of range. Alarm is cleared by the system. Reason: cppqRPMtrapUPSInputOutOfRange		
Remedial action: Perform the following steps to clear the alarm: 1. Check to make sure the UPS is plugged into an outlet supplied with utility power. 2. If the UPS remains on battery for an extended period of time it will not be able to sustain the load.		

Table 26-1344 IK8652534 - UPS temperature out of range

Alarm	Attributes	Applicable major releases
Name: IK8652534 (7737) Type: environmentalAlarm (2) Package: lmg Raised on class: lmg.LMGmngElement	Severity: variable Specific problem: UPS temperature out of range (1687) Implicitly cleared: true Default probable cause: temperatureUnacceptable (721)	<ul style="list-style-type: none"> LR14.3.MG
Description: A UPS device is reporting temperature is out of range. Alarm is cleared by the system. Reason: cppqRPMtrapUPSTemperatureOutOfRange		
Remedial action: Perform the following steps to clear the alarm: 1. Check to make sure the UPS is in a well ventilated area. 2. Lower the ambient temperature in the area where the UPS is located.		

Table 26-1345 IK8652536 - The UPS is on automatic bypass

Alarm	Attributes	Applicable major releases
Name: IK8652536 (7738) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGmngElement	Severity: variable Specific problem: The UPS is on automatic bypass (1688) Implicitly cleared: true Default probable cause: powerProblem (911)	<ul style="list-style-type: none"> LR14.3.MG
Description: A UPS device is operating in auto bypass mode.\nAlarm is cleared by the system.\nReason: cpqRPMtrapUPSByPassOnAuto		
Remedial action: Perform the following steps to clear the alarm: 1. In bypass mode, the UPS cannot support devices if there is a power failure. 2. Once maintenance has been performed return the UPS to normal mode.		

Table 26-1346 IK8652538 - Output voltage is out of range

Alarm	Attributes	Applicable major releases
Name: IK8652538 (7739) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGmngElement	Severity: variable Specific problem: Output voltage is out of range (1689) Implicitly cleared: false Default probable cause: powerProblem (911)	<ul style="list-style-type: none"> LR14.3.MG
Description: A UPS device is reporting output voltage is out of Range.\nAlarm to be cleared by the operator at the management system.\nReason: cpqRPMtrapUPSOutputoutofRange		
Remedial action: Perform the following steps to clear the alarm: 1. Initiate a UPS self test. 2. If this error persists contact technical support.		

Table 26-1347 IK8652539 - One or more UPS batteries have been disconnected

Alarm	Attributes	Applicable major releases
Name: IK8652539 (7740) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGmngElement	Severity: variable Specific problem: One or more UPS batteries have been disconnected (1690) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> LR14.3.MG
Description: A UPS device is reporting batteries are not connected to the UPS.\nAlarm is cleared by the system.\nReason: cpqRPMTrapUPSbatteriesDisconnected		
Remedial action: Perform the following steps to clear the alarm: 1. Connect the UPS Batteries. The UPS will not be capable of supporting it's load if the utility power fails!		

Table 26-1348 IK8652541 - The UPS batteries are in a discharged condition

Alarm	Attributes	Applicable major releases
Name: IK8652541 (7741) Type: environmentalAlarm (2) Package: lmg Raised on class: lmg.LMGmngElement	Severity: variable Specific problem: The UPS batteries are in a discharged condition (1691) Implicitly cleared: true Default probable cause: batteryDischarging (648)	<ul style="list-style-type: none"> LR14.3.MG
Description: A UPS device is reporting batteries are completely discharged.\nAlarm is cleared by the system.\nReason: cpqRPMTrapUPSBatteryDischarged		
Remedial action: Perform the following steps to clear the alarm: 1. Connect the UPS to utility power to charge the batteries. The UPS will not be able to support it's load if the utility power fails!		

Table 26-1349 IK8652543 - A UPS circuit breaker needs attention

Alarm	Attributes	Applicable major releases
Name: IK8652543 (7742) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGmngElement	Severity: variable Specific problem: A UPS circuit breaker needs attention (1692) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> LR14.3.MG
Description: A UPS device is reporting an output Breaker or Relay has failed or may be stuck open or closed with this alarm.\nAlarm is cleared by the system.\nReason: cpqRPMTrapUPSCheckBreaker		
Remedial action: Perform the following steps to clear the alarm: 1. Check all breakers on the UPS. 2. If this error persists contact technical support.		

Table 26-1350 IK8652545 - Emergency Power Off activated

Alarm	Attributes	Applicable major releases
Name: IK8652545 (7743) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGmngElement	Severity: variable Specific problem: Emergency Power Off activated (1693) Implicitly cleared: false Default probable cause: powerProblem (911)	<ul style="list-style-type: none"> LR14.3.MG
Description: A UPS device is reporting an Emergency Power Off (EPO) command has been received to shutdown the UPS immediately with out delay. This command may come from a local control panel or from a remote source.\nAlarm to be cleared by the operator at the management system.\nReason: cpqRPMTrapUPSEPOInitiated		
Remedial action: Perform the following steps to clear the alarm: 1. Turn the UPS on to reapply power to attached equipment.		

Table 26-1351 IK8652548 - A cover panel has been removed

Alarm	Attributes	Applicable major releases
Name: IK8652548 (7744) Type: environmentalAlarm (2) Package: lmg Raised on class: lmg.LMGmngElement	Severity: variable Specific problem: A cover panel has been removed (1694) Implicitly cleared: true Default probable cause: enclosureDoorOpen (900)	<ul style="list-style-type: none"> LR14.3.MG
Description: A UPS device is reporting a cover panel has been removed while utility power is present. \nAlarm is cleared by the system. \nReason: cpqRPMTrapUPSCabinetDoorOpen		
Remedial action: Perform the following steps to clear the alarm: 1. Reinstall all panels. 2. If this error persists contact technical support.		

Table 26-1352 IK8652550 - The UPS has encountered a fan failure

Alarm	Attributes	Applicable major releases
Name: IK8652550 (7745) Type: environmentalAlarm (2) Package: lmg Raised on class: lmg.LMGmngElement	Severity: variable Specific problem: The UPS has encountered a fan failure (1695) Implicitly cleared: true Default probable cause: coolingFanFailure (651)	<ul style="list-style-type: none"> LR14.3.MG
Description: A UPS device is reporting a fan failure has occurred. \nAlarm is cleared by the system. \nReason: cpqRPMTrapUPSFanFailure		
Remedial action: Perform the following steps to clear the alarm: 1. If this error persists contact technical support.		

Table 26-1353 IK8652552 - The UPS N+1 load has been exceeded

Alarm	Attributes	Applicable major releases
Name: IK8652552 (7746) Type: processingErrorAlarm (81) Package: lmg Raised on class: lmg.LMGmngElement	Severity: variable Specific problem: The UPS N+1 load has been exceeded (1696) Implicitly cleared: true Default probable cause: configurationOrCustomizationError (902)	<ul style="list-style-type: none"> LR14.3.MG
Description: A UPS device is reporting a loss of redundancy due to one of the following. 1. One or more of the Electronics Modules has failed 2. One or more of the electronics modules has been manually removed. 3. The amount of load on the UPS has increased to the point that the UPS is no longer able to support an N+1 configuration. \nAlarm is cleared by the system. \nReason: cpqRPMTrapUPSLossOfRedundancy		
Remedial action: Perform the following steps to clear the alarm: 1. Check the UPS to see if one of the modules has failed. 2. Make sure that all modules are securely plugged in. 3. Reduce the load to return the N+1 configuration. 4. If the amount of load is now going to exceed and N+1 configuration permanently, change the configuration on the front panel of the UPS to Capacity instead of Parallel N+1.		

Table 26-1354 IK8652554 - A UPS shutdown is imminent

Alarm	Attributes	Applicable major releases
Name: IK8652554 (7747) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGmngElement	Severity: variable Specific problem: A UPS shutdown is imminent (1697) Implicitly cleared: true Default probable cause: powerProblem (911)	<ul style="list-style-type: none"> LR14.3.MG
Description: A UPS device is reporting a shutdown imminent condition.\nAlarm is cleared by the system.\nReason: cpqRPMTrapUPSShutdownImminent		
Remedial action: Perform the following steps to clear the alarm: 1. Immediately restore power to the UPS. The UPS will not continue to supply power to devices following the shutdown!		

Table 26-1355 IK8652556 - A UPS shutdown is pending

Alarm	Attributes	Applicable major releases
Name: IK8652556 (7748) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGmngElement	Severity: variable Specific problem: A UPS shutdown is pending (1698) Implicitly cleared: true Default probable cause: powerProblem (911)	<ul style="list-style-type: none"> LR14.3.MG
Description: A UPS device is reporting shutdown pending condition.\nAlarm is cleared by the system.\nReason: cpqRPMTrapUPSShutdownPending		
Remedial action: Perform the following steps to clear the alarm: 1. Immediately restore power to the UPS. The UPS will not continue to supply power to devices following the shutdown!		

Table 26-1356 IK8652559 - Critical Alarm

Alarm	Attributes	Applicable major releases
Name: IK8652559 (7749) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGmngElement	Severity: critical Specific problem: Critical Alarm (1483) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> LR14.3.MG
Description: A critical alarm has occurred.\nAlarm is cleared by the system.\nReason: cpqPMTrapCritical		
Remedial action: Check the Trap Details for more information.		

Table 26-1357 IK8652560 - Warning Alarm

Alarm	Attributes	Applicable major releases
Name: IK8652560 (7750) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGmngElement	Severity: warning Specific problem: Warning Alarm (1699) Implicitly cleared: false Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> LR14.3.MG
Description: A warning alarm has occurred.\nAlarm to be cleared by the operator at the management system.\nReason: cpqPMTrapWarning		
Remedial action: Check the Trap Details for more information.		

Table 26-1358 IK8652585 - Tape Drive Cleaning Required

Alarm	Attributes	Applicable major releases
Name: IK8652585 (7751) Type: processingErrorAlarm (81) Package: lmg Raised on class: lmg.LMGmngElement	Severity: warning Specific problem: Tape Drive Cleaning Required (1633) Implicitly cleared: false Default probable cause: configurationOrCustomizationError (902)	<ul style="list-style-type: none"> LR14.3.MG
Description: Tape Drive Cleaning Required trap. The agent has detected a tape drive that needs to have a cleaning tape inserted and run. This will cause the tape drive heads to be cleaned.\nAlarm to be cleared by the operator at the management system.\nReason: cpqTape3PhyDrvCleaningRequired		
Remedial action: Insert and run a cleaning tape in the tape drive.		

Table 26-1359 IK8652586 - Tape Drive Cleaning Tape Needs Replacing

Alarm	Attributes	Applicable major releases
Name: IK8652586 (7752) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGmngElement	Severity: warning Specific problem: Tape Drive Cleaning Tape Needs Replacing (1632) Implicitly cleared: false Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> LR14.3.MG
Description: Tape Drive Cleaning Tape Needs Replacing. The agent has detected that an autoloader tape unit has a cleaning tape that has been fully used and therefore needs to be replaced with a new cleaning tape.\nAlarm to be cleared by the operator at the management system.\nReason: cpqTape3PhyDrvCleanTapeReplace		
Remedial action: Replace the Tape Drive Cleaning Tape.		

Table 26-1360 IK8652590 - Tape Library Door Opened

Alarm	Attributes	Applicable major releases
Name: IK8652590 (7753) Type: environmentalAlarm (2) Package: lmg Raised on class: lmg.LMGmngElement	Severity: minor Specific problem: Tape Library Door Opened (1700) Implicitly cleared: false Default probable cause: enclosureDoorOpen (900)	<ul style="list-style-type: none"> LR14.3.MG
Description: Tape Library Door Open The agent has detected that the door on an autoloader is open so the unit is not operational.\nAlarm to be cleared by the operator at the management system.\nReason: cpqTape3LibraryDoorOpen		
Remedial action: Close the door on the tape library.		

Table 26-1361 IK8652606 - System hood is removed

Alarm	Attributes	Applicable major releases
Name: IK8652606 (7754) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGmngElement	Severity: warning Specific problem: System hood is removed (1701) Implicitly cleared: false Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> LR14.3.MG
Description: System hood is removed. The hood status has been set to removed. The system's hood is not in a properly installed state. This situation may result in improper cooling of the system due to air flow changes caused by the missing hood.\nAlarm to be cleared by the operator at the management system.\nReason: cpqSiHoodRemoved		
Remedial action: Replace the cover (hood), ensure the system's cover is properly installed. Verify the system is in working order.		

Table 26-1362 IK8652608 - Monitor Condition Degraded

Alarm	Attributes	Applicable major releases
Name: IK8652608 (7755) Type: environmentalAlarm (2) Package: lmg Raised on class: lmg.LMGmngElement	Severity: minor Specific problem: Monitor Condition Degraded (1702) Implicitly cleared: false Default probable cause: temperatureUnacceptable (721)	<ul style="list-style-type: none"> LR14.3.MG
Description: A fault reporting feature has exceeded normal limits for the monitor indicated by the cpqSiMonitorIndex. The monitor's condition is degraded due to the internal temperature exceeding normal operating limits. The monitor is still useable, but action should be taken to return the condition to OK.\nAlarm to be cleared by the operator at the management system.\nReason: cpqSiMonitorConditionDegraded		
Remedial action: Physically check for obstructions to air flow around the monitor. Check the thermostat in the room that the system occupies. Allow the monitor to cool by turning off the monitor for 5 minutes then turn the monitor back on. After the monitor cools, another alarm indicating an improving condition, such as Monitor OK, will be issued.		

Table 26-1363 IK8652609 - Monitor Condition Failed

Alarm	Attributes	Applicable major releases
Name: IK8652609 (7756) Type: processingErrorAlarm (81) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: Monitor Condition Failed (1484) Implicitly cleared: false Default probable cause: applicationSubsystemFailure (689)	<ul style="list-style-type: none"> LR14.3.MG
Description: A fault reporting feature has exceeded normal limits in the monitor indicated by the cpqSiMonitorIndex. The monitor's condition has been set to failed due to an operational feature exceeding normal operating limits. The monitor will not be useable and should be replaced. Alarm to be cleared by the operator at the management system. Reason: cpqSiMonitorConditionFailed		
Remedial action: Make a note of the monitor model number and serial number. Replace the monitor. Refer to the appropriate Maintenance and Service Guide for detailed information on a component replacement.		

Table 26-1364 IK8652610 - Excessive Correctable Memory Errors

Alarm	Attributes	Applicable major releases
Name: IK8652610 (7757) Type: processingErrorAlarm (81) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: Excessive Correctable Memory Errors (1485) Implicitly cleared: false Default probable cause: memoryMismatch (680)	<ul style="list-style-type: none"> LR14.3.MG
Description: Correctable memory error count has exceeded the threshold for the memory module indicated by the 'cpqSiMemErrorIndex' variable. The appropriate cpqSiMemModuleECCStatus has been set to degraded. Alarm to be cleared by the operator at the management system. Reason: cpqSiCorrMemErrStatusDegraded		
Remedial action: For Desktops, the System Administrator should run the F10 Diagnostics on this system and select RAM LONG TEST. If it is determined that a module needs replacing, schedule maintenance for the system and replace the failed memory module. Refer to the appropriate Maintenance and Service Guide for detailed information on a component replacement.		

Table 26-1365 IK8652612 - Memory modules have changed

Alarm	Attributes	Applicable major releases
Name: IK8652612 (7758) Type: processingErrorAlarm (81) Package: lmg Raised on class: lmg.LMGmngElement	Severity: warning Specific problem: Memory modules have changed (1703) Implicitly cleared: false Default probable cause: memoryMismatch (680)	<ul style="list-style-type: none"> LR14.3.MG
Description: A memory configuration change has occurred. CpqSiMemConfigChangeData will indicate which memory modules slots have changed. Alarm to be cleared by the operator at the management system. Reason: cpqSiMemConfigChange		
Remedial action: You may want to verify a valid reason for a memory configuration to have occurred. If system issuing the alert is a Desktop running NT, the memory configuration change information is also logged in the NT System Log.		

Table 26-1366 IK8652615 - Hot Plug Slot Board Failed

Alarm	Attributes	Applicable major releases
Name: IK8652615 (7759) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: Hot Plug Slot Board Failed (1486) Implicitly cleared: false Default probable cause: powerProblem (911)	<ul style="list-style-type: none"> LR14.3.MG
Description: Hot Plug Slot Board Failed Power-Up. A Hot Plug Slot Board has failed to power-up in the specified chassis and slot.\nAlarm to be cleared by the operator at the management system.\nReason: cpqSiHotPlugSlotPowerUpFailed		
Remedial action: Insure the board and all cables are installed correctly and the board type and revision are the same as the replaced board.		

Table 26-1367 IK8652616 - Battery Failure

Alarm	Attributes	Applicable major releases
Name: IK8652616 (7760) Type: environmentalAlarm (2) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: Battery Failure (235) Implicitly cleared: false Default probable cause: batteryFailure (649)	<ul style="list-style-type: none"> LR14.3.MG
Description: The battery indicated by cpqSiSysBatteryIndex has failed and must be replaced.\nAlarm to be cleared by the operator at the management system.\nReason: cpqSiSysBatteryFailure		
Remedial action: Contact your System Administrator or Authorized Reseller to order a replacement battery. Recycle your old battery. For proper disposal information, refer to the documentation that came with your computer.		

Table 26-1368 IK8652617 - Battery Charging Degradation

Alarm	Attributes	Applicable major releases
Name: IK8652617 (7761) Type: environmentalAlarm (2) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: Battery Charging Degradation (1487) Implicitly cleared: false Default probable cause: lowBatteryThreshold (656)	<ul style="list-style-type: none"> LR14.3.MG
Description: Significant battery degradation has occurred with battery indicated by cpqSiSysBatteryIndex. The battery can no longer be fully recharged.\nAlarm to be cleared by the operator at the management system.\nReason: cpqSiSysBatteryChargingDegraded		
Remedial action: If using multiple batteries, run the Power Conservation Utility to identify the battery location. Contact your System Administrator or Authorized Reseller to order a replacement battery.		

Table 26-1369 IK8652618 - Battery Calibration Error

Alarm	Attributes	Applicable major releases
Name: IK8652618 (7762) Type: environmentalAlarm (2) Package: lmg Raised on class: lmg.LMGmngElement	Severity: warning Specific problem: Battery Calibration Error (1704) Implicitly cleared: false Default probable cause: batteryFailure (649)	<ul style="list-style-type: none"> LR14.3.MG
Description: Calibration is needed with battery indicated by cpqSiSysBatteryIndex. The battery can not correctly indicate capacity.\nAlarm to be cleared by the operator at the management system.\nReason: cpqSiSysBatteryCalibrationError		
Remedial action: Run the Power Conservation Utility. Contact your System Administrator or Authorized Reseller to order a replacement battery.		

Table 26-1370 IK8652619 - Server Reset Detected

Alarm	Attributes	Applicable major releases
Name: IK8652619 (7763) Type: processingErrorAlarm (81) Package: lmg Raised on class: lmg.LMGmngElement	Severity: warning Specific problem: Server Reset Detected (1705) Implicitly cleared: false Default probable cause: softwareError (718)	<ul style="list-style-type: none"> LR14.3.MG
Description: Server Reset Detected. The Remote Insight/ Integrated Lights-Out firmware has detected a server reset.\nAlarm to be cleared by the operator at the management system.\nReason: cpqSm2ServerReset		
Remedial action: If the problem persists, contact Alcatel-Lucent customer support.		

Table 26-1371 IK8652620 - Server Power Outage

Alarm	Attributes	Applicable major releases
Name: IK8652620 (7764) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: Server Power Outage (1488) Implicitly cleared: false Default probable cause: powerProblem (911)	<ul style="list-style-type: none"> LR14.3.MG
Description: Server Power Outage. The Remote Insight/ Integrated Lights-Out firmware has detected server power failure.\nAlarm to be cleared by the operator at the management system.\nReason: cpqSm2ServerPowerOutage		
Remedial action: Check the server's power source.		

Table 26-1372 IK8652621 - Out Unauthorized Login Attempts

Alarm	Attributes	Applicable major releases
Name: IK8652621 (7765) Type: securityServiceOrMechanismViolation (92) Package: lmg Raised on class: lmg.LMGmngElement	Severity: warning Specific problem: Out Unauthorized Login Attempts (1706) Implicitly cleared: false Default probable cause: unauthorizedAccessAttempt (800)	<ul style="list-style-type: none"> LR14.3.MG
Description: Remote Insight/ Integrated Lights-Out Unauthorized Login Attempts. The Remote Insight/ Integrated Lights-Out firmware has detected unauthorized login attempts.\nAlarm to be cleared by the operator at the management system.\nReason: cpqSm2UnauthorizedLoginAttempts		
Remedial action: Check the iLO log for more information on the login failure.		

Table 26-1373 IK8652622 - Remote Insight Battery Failed

Alarm	Attributes	Applicable major releases
Name: IK8652622 (7766) Type: environmentalAlarm (2) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: Remote Insight Battery Failed (1489) Implicitly cleared: false Default probable cause: batteryFailure (649)	<ul style="list-style-type: none"> LR14.3.MG
Description: Remote Insight Battery Failed. The Remote Insight battery has failed and needs to be replaced.\nAlarm to be cleared by the operator at the management system.\nReason: cpqSm2BatteryFailed		
Remedial action: replace the failing Remote Insight battery.		

Table 26-1374 IK8652628 - Remote Insight external power cable disconnected

Alarm	Attributes	Applicable major releases
Name: IK8652628 (7767) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: Remote Insight external power cable disconnected (1490) Implicitly cleared: false Default probable cause: powerProblem (911)	<ul style="list-style-type: none"> LR14.3.MG
Description: External Power Cable Disconnected. The Remote Insight external power cable has been disconnected.\nAlarm to be cleared by the operator at the management system.\nReason: cpqSm2ExternalPowerCableDisconnected		
Remedial action: check External Power Cable		

Table 26-1375 IK8652630 - Security override engaged

Alarm	Attributes	Applicable major releases
Name: IK8652630 (7768) Type: processingErrorAlarm (81) Package: lmg Raised on class: lmg.LMGmngElement	Severity: warning Specific problem: Security override engaged (1707) Implicitly cleared: false Default probable cause: softwareError (718)	<ul style="list-style-type: none"> LR14.3.MG
Description: Security Override Engaged. The Remote Insight/ Integrated Lights-Out firmware has detected the security override jumper has been toggled to the engaged position.\nAlarm to be cleared by the operator at the management system.\nReason: cpqSm2SecurityOverrideEngaged		
Remedial action: If the problem persists, contact Alcatel-Lucent customer support.		

Table 26-1376 IK8652631 - Security override disengaged

Alarm	Attributes	Applicable major releases
Name: IK8652631 (7769) Type: processingErrorAlarm (81) Package: lmg Raised on class: lmg.LMGmngElement	Severity: warning Specific problem: Security override disengaged (1708) Implicitly cleared: false Default probable cause: softwareError (718)	<ul style="list-style-type: none"> LR14.3.MG
Description: Security Override Disengaged. The Remote Insight/ Integrated Lights-Out firmware has detected the security override jumper has been toggled to the disengaged position.\nAlarm to be cleared by the operator at the management system.\nReason: cpqSm2SecurityOverrideDisengaged		
Remedial action: If the problem persists, contact Alcatel-Lucent customer support.		

Table 26-1377 IK8652632 - Server Fatal Error Detected

Alarm	Attributes	Applicable major releases
Name: IK8652632 (7770) Type: processingErrorAlarm (81) Package: lmg Raised on class: lmg.LMGmngElement	Severity: critical Specific problem: Server Fatal Error Detected (1491) Implicitly cleared: false Default probable cause: softwareError (718)	<ul style="list-style-type: none"> LR14.3.MG
Description: Server Fatal Error Detected. The Remote Insight/ Integrated Lights-Out firmware has detected a server fatal error.\nAlarm to be cleared by the operator at the management system.\nReason: cpqSm2ServerFatalError		
Remedial action: If the problem persists, contact Alcatel-Lucent customer support.		

Table 26-1378 IK8652633 - The iLO NIC Link is Down

Alarm	Attributes	Applicable major releases
Name: IK8652633 (7771) Type: communicationsAlarm (4) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: The iLO NIC Link is Down (1492) Implicitly cleared: true Default probable cause: communicationsSubsystemFailure (915)	<ul style="list-style-type: none"> LR14.3.MG
Description: The iLO NIC Link is Down. The Remote Insight/ Integrated Lights-Out firmware has detected the loss of network link.\nAlarm is cleared by the system.\nReason: cpqSm2NicLinkDown		
Remedial action: Check the network connections for the iLO.		

Table 26-1379 IK8652647 - PC Card Thermal Degraded Status

Alarm	Attributes	Applicable major releases
Name: IK8652647 (7772) Type: qualityOfServiceAlarm (82) Package: lmg Raised on class: lmg.LMGmngElement	Severity: minor Specific problem: PC Card Thermal Degraded Status (1709) Implicitly cleared: false Default probable cause: performanceDegraded (710)	<ul style="list-style-type: none"> LR14.3.MG
Description: This alarm is sent when the PC Card Slot Thermal Sensor threshold has been exceeded for safe operations thereby causing degraded operations. This alarm will be sent when cpqSePCCardStatus transitions from Normal (1) to Thermal Degraded (2). The manufacturer and product information strings as well as the slot number for the degraded PC Card is provided as parameters for this trap.\nAlarm to be cleared by the operator at the management system.\nReason: cpqSePCCardThermalDegraded		
Remedial action: If the problem persists, contact Alcatel-Lucent customer support.		

Table 26-1380 IK8652648 - PC Card Thermal Failure Status

Alarm	Attributes	Applicable major releases
Name: IK8652648 (7773) Type: qualityOfServiceAlarm (82) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: PC Card Thermal Failure Status (1493) Implicitly cleared: false Default probable cause: performanceDegraded (710)	<ul style="list-style-type: none"> LR14.3.MG
Description: This alarm is sent when the PC Card Slot Thermal Sensor threshold has been exceeded for degraded operations thereby causing failed operations. This alarm will be sent when cpqSePCCardStatus transitions from Thermal Degraded (2) to Thermal Failure (3). The manufacturer and product information strings as well as the slot number for the failed PC Card is provided as parameters for this trap.\nAlarm to be cleared by the operator at the management system.\nReason: cpqSePCCardThermalFailure		
Remedial action: If the problem persists, contact Alcatel-Lucent customer support.		

Table 26-1381 IK8652657 - Storage System Temperature Failure

Alarm	Attributes	Applicable major releases
Name: IK8652657 (7774) Type: environmentalAlarm (2) Package: Img Raised on class: Img.LMGmngElement	Severity: major Specific problem: Storage System Temperature Failure (1494) Implicitly cleared: false Default probable cause: temperatureUnacceptable (721)	<ul style="list-style-type: none"> LR14.3.MG
Description: Storage System temperature failure. The agent has detected that a temperature status has been set to failed. The storage system will be shutdown.\nAlarm to be cleared by the operator at the management system.\nReason: cpqSsTempFailed		
Remedial action: If the problem persists, contact Alcatel-Lucent customer support.		

Table 26-1382 IK8652658 - Storage System Temp Degraded

Alarm	Attributes	Applicable major releases
Name: IK8652658 (7775) Type: environmentalAlarm (2) Package: Img Raised on class: Img.LMGmngElement	Severity: minor Specific problem: Storage System Temp Degraded (1710) Implicitly cleared: false Default probable cause: temperatureUnacceptable (721)	<ul style="list-style-type: none"> LR14.3.MG
Description: Storage System temperature degraded. The agent has detected a temperature status that has been set to degraded. The storage system's temperature is outside of the normal operating range.\nAlarm to be cleared by the operator at the management system.\nReason: cpqSsTempDegraded		
Remedial action: If the problem persists, contact Alcatel-Lucent customer support.		

Table 26-1383 IK8652661 - Storage System side panel is removed

Alarm	Attributes	Applicable major releases
Name: IK8652661 (7776) Type: equipmentAlarm (3) Package: Img Raised on class: Img.LMGmngElement	Severity: minor Specific problem: Storage System side panel is removed (1711) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> LR14.3.MG
Description: Storage System side panel is removed. The side panel status has been set to removed. The storage system's side panel is not in a properly installed state. This situation may result in improper cooling of the drives in the storage system due to air flow changes caused by the missing side panel.\nAlarm is cleared by the system.\nReason: cpqSsSidePanelRemoved		
Remedial action: If the problem persists, contact Alcatel-Lucent customer support.		

Table 26-1384 IK8652662 - Power Supply Degraded

Alarm	Attributes	Applicable major releases
Name: IK8652662 (7777) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGmngElement	Severity: minor Specific problem: Power Supply Degraded (1622) Implicitly cleared: false Default probable cause: powerProblem (911)	<ul style="list-style-type: none"> LR14.3.MG
Description: A storage system power supply status has been set to degraded.\nAlarm to be cleared by the operator at the management system.\nReason: cpqSsPwrSupplyDegraded		
Remedial action: check the storage system power supply		

Table 26-1385 IK8652664 - Storage System Temperature Failure

Alarm	Attributes	Applicable major releases
Name: IK8652664 (7778) Type: environmentalAlarm (2) Package: lmg Raised on class: lmg.LMGmngElement	Severity: warning Specific problem: Storage System Temperature Failure (1494) Implicitly cleared: false Default probable cause: temperatureUnacceptable (721)	<ul style="list-style-type: none"> LR14.3.MG
Description: Storage System temperature failure. The agent has detected that a temperature status has been set to failed. The storage system will be shutdown.\nAlarm to be cleared by the operator at the management system.\nReason: cpqSs3TempFailed		
Remedial action: Shutdown the storage system as soon as possible. Insure that the storage system environment is being cooled properly and that no components are overheated.		

Table 26-1386 IK8652665 - Storage System Temp Degraded

Alarm	Attributes	Applicable major releases
Name: IK8652665 (7779) Type: environmentalAlarm (2) Package: lmg Raised on class: lmg.LMGmngElement	Severity: warning Specific problem: Storage System Temp Degraded (1710) Implicitly cleared: false Default probable cause: temperatureUnacceptable (721)	<ul style="list-style-type: none"> LR14.3.MG
Description: Storage System temperature degraded. The agent has detected a temperature status that has been set to degraded. The storage system's temperature is outside of the normal operating range.\nAlarm to be cleared by the operator at the management system.\nReason: cpqSs3TempDegraded		
Remedial action: Shutdown the storage system as soon as possible. Insure that the storage system environment is being cooled properly and that no components are overheated.		

Table 26-1387 IK8652668 - Storage System side panel is removed

Alarm	Attributes	Applicable major releases
Name: IK8652668 (7780) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGmngElement	Severity: warning Specific problem: Storage System side panel is removed (1711) Implicitly cleared: false Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> LR14.3.MG
Description: Storage System side panel is removed. The side panel status has been set to removed. The storage system's side panel is not in a properly installed state. This situation may result in improper cooling of the drives in the storage system due to air flow changes caused by the missing side panel. Alarm to be cleared by the operator at the management system. Reason: cpqSs3SidePanelRemoved		
Remedial action: Replace the storage system side panel.		

Table 26-1388 IK8652669 - Power Supply Degraded

Alarm	Attributes	Applicable major releases
Name: IK8652669 (7781) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGmngElement	Severity: minor Specific problem: Power Supply Degraded (1622) Implicitly cleared: false Default probable cause: powerProblem (911)	<ul style="list-style-type: none"> LR14.3.MG
Description: A storage system power supply status has been set to degraded. Alarm to be cleared by the operator at the management system. Reason: cpqSs3PwrSupplyDegraded		
Remedial action: check the storage system power supply		

Table 26-1389 IK8652670 - Power Supply Degraded

Alarm	Attributes	Applicable major releases
Name: IK8652670 (7782) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGmngElement	Severity: warning Specific problem: Power Supply Degraded (1622) Implicitly cleared: false Default probable cause: powerProblem (911)	<ul style="list-style-type: none"> LR14.3.MG
Description: A storage system power supply status has been set to degraded. Alarm to be cleared by the operator at the management system. Reason: cpqSs4PwrSupplyDegraded		
Remedial action: Take action to restore power or replace any failed storage system power supply.		

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Table 26-1390 IK8652695 - Rising Threshold Passed

Alarm	Attributes	Applicable major releases
Name: IK8652695 (7783) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGmngElement	Severity: minor Specific problem: Rising Threshold Passed (1712) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> LR14.3.MG
Description: Rising Threshold passed. An alarm entry has crossed its rising threshold. The instances of those objects contained within the variable list are those of the alarm entry which generated this trap.\nAlarm is cleared by the system.\nReason: cpqMeRisingAlarm		
Remedial action: If the problem persists, contact Alcatel-Lucent customer support.		

Table 26-1391 IK8652697 - Rising Threshold Passed

Alarm	Attributes	Applicable major releases
Name: IK8652697 (7784) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGmngElement	Severity: warning Specific problem: Rising Threshold Passed (1712) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> LR14.3.MG
Description: Rising Threshold passed. An alarm entry has crossed its rising threshold. The instances of those objects contained within the variable list are those of the alarm entry which generated this trap.\nAlarm is cleared by the system.\nReason: cpqMe2RisingAlarm		
Remedial action: If the problem persists, contact Alcatel-Lucent customer support.		

Table 26-1392 IK8652699 - Rising Threshold Passed

Alarm	Attributes	Applicable major releases
Name: IK8652699 (7785) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGmngElement	Severity: variable Specific problem: Rising Threshold Passed (1712) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> LR14.3.MG
Description: Rising Threshold passed. An alarm entry has crossed its rising threshold. The instances of those objects contained within the variable list are those of the alarm entry which generated this trap.\nAlarm is cleared by the system.\nReason: cpqMeRisingAlarmExtended		
Remedial action: If the problem persists, contact Alcatel-Lucent customer support.		

Table 26-1393 IK8652700 - Falling Threshold Passed

Alarm	Attributes	Applicable major releases
Name: IK8652700 (7786) Type: equipmentAlarm (3) Package: Img Raised on class: Img.LMGmngElement	Severity: variable Specific problem: Falling Threshold Passed (1713) Implicitly cleared: false Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> LR14.3.MG
Description: Falling Threshold passed. An alarm entry has crossed its falling threshold. The instances of those objects contained within the variable list are those of the alarm entry which generated this trap.\nAlarm to be cleared by the operator at the management system.\nReason: cpqMeFallingAlarmExtended		
Remedial action: If the problem persists, contact Alcatel-Lucent customer support.		

Table 26-1394 IK8652701 - Critical Rising Threshold Passed

Alarm	Attributes	Applicable major releases
Name: IK8652701 (7787) Type: equipmentAlarm (3) Package: Img Raised on class: Img.LMGmngElement	Severity: variable Specific problem: Critical Rising Threshold Passed (1714) Implicitly cleared: false Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> LR14.3.MG
Description: Critical Rising Threshold passed. An alarm entry has crossed its Critical rising threshold. The instances of those objects contained within the variable list are those of the alarm entry which generated this trap.\nAlarm to be cleared by the operator at the management system.\nReason: cpqMeCriticalRisingAlarmExtended		
Remedial action: If the problem persists, contact Alcatel-Lucent customer support.		

Table 26-1395 IK8652702 - Critical Falling Threshold Passed

Alarm	Attributes	Applicable major releases
Name: IK8652702 (7788) Type: equipmentAlarm (3) Package: Img Raised on class: Img.LMGmngElement	Severity: variable Specific problem: Critical Falling Threshold Passed (1715) Implicitly cleared: false Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> LR14.3.MG
Description: Critical Falling Threshold passed. An alarm entry has crossed its Critical falling threshold. The instances of those objects contained within the variable list are those of the alarm entry which generated this trap.\nAlarm to be cleared by the operator at the management system.\nReason: cpqMeCriticalFallingAlarmExtended		
Remedial action: If the problem persists, contact Alcatel-Lucent customer support.		

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Table 26-1396 IK8652748 - fluteModuleAlarm

Alarm	Attributes	Applicable major releases
Name: IK8652748 (7789) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGmngElement	Severity: variable Specific problem: fluteModuleAlarm (1716) Implicitly cleared: false Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> LR14.3.MG
Description: Alarm notification\nAlarm to be cleared by the operator at the management system.\nReason: fluteModuleAlarm		
Remedial action: If the problem persists, contact Alcatel-Lucent customer support.		

Table 26-1397 IK8654762 - linkDown

Alarm	Attributes	Applicable major releases
Name: IK8654762 (7790) Type: communicationsAlarm (4) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: linkDown (1495) Implicitly cleared: true Default probable cause: communicationsSubsystemFailure (915)	<ul style="list-style-type: none"> LR14.3.MG
Description: A linkDown alarm signifies that the SNMP entity, acting in an agent role, has detected that the ifOperStatus object for one of its communication links is about to enter the down state from some other state (but not from the notPresent state). This other state is indicated by the included value of ifOperStatus.\nAlarm is cleared by the system.\nReason: linkDown		
Remedial action: If the problem persists, contact Alcatel-Lucent customer support.		

Table 26-1398 IK8705835 - emergencyTrap

Alarm	Attributes	Applicable major releases
Name: IK8705835 (7791) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGmngElement	Severity: critical Specific problem: emergencyTrap (1784) Implicitly cleared: false Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> LR14.3.MG
Description: A user-defined alarm indicating an extremely urgent situation, usually indicating that the system has failed and is shutting down.\nAlarm to be cleared by the operator at the management system.\nReason: emergencyTrap		
Remedial action: If the problem persists, contact Alcatel-Lucent customer support.		

Table 26-1399 IK8705836 - alertTrap

Alarm	Attributes	Applicable major releases
Name: IK8705836 (7792) Type: processingErrorAlarm (81) Package: lmg Raised on class: lmg.LMGmngElement	Severity: critical Specific problem: alertTrap (1785) Implicitly cleared: false Default probable cause: applicationSubsystemFailure (689)	<ul style="list-style-type: none"> LR14.3.MG
Description: A user-defined alarm indicating a condition that should be corrected immediately, such as a failed disk.\nAlarm to be cleared by the operator at the management system.\nReason: alertTrap		
Remedial action: If the problem persists, contact Alcatel-Lucent customer support.		

Table 26-1400 IK8705837 - criticalTrap

Alarm	Attributes	Applicable major releases
Name: IK8705837 (7793) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGmngElement	Severity: critical Specific problem: criticalTrap (1786) Implicitly cleared: false Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> LR14.3.MG
Description: A user-defined alarm indicating a critical condition, such as a hard device error.\nAlarm to be cleared by the operator at the management system.\nReason: criticalTrap		
Remedial action: If the problem persists, contact Alcatel-Lucent customer support.		

Table 26-1401 IK8705843 - diskFailedShutdown

Alarm	Attributes	Applicable major releases
Name: IK8705843 (7794) Type: processingErrorAlarm (81) Package: lmg Raised on class: lmg.LMGmngElement	Severity: critical Specific problem: diskFailedShutdown (1787) Implicitly cleared: true Default probable cause: storageCapacityProblem (679)	<ul style="list-style-type: none"> LR14.3.MG
Description: System is shutting down because the system has been running in degraded mode for 24 hours. The alarm includes a string describing the failed disk.\nAlarm is cleared by the system.\nReason: diskFailedShutdown		
Remedial action: If the problem persists, contact Alcatel-Lucent customer support.		

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Table 26-1402 IK8705844 - One or more disks failed

Alarm	Attributes	Applicable major releases
Name: IK8705844 (7795) Type: processingErrorAlarm (81) Package: lmg Raised on class: lmg.LMGmngElement	Severity: critical Specific problem: One or more disks failed (1788) Implicitly cleared: true Default probable cause: storageCapacityProblem (679)	<ul style="list-style-type: none"> LR14.3.MG
Description: One or more disks failed. The alarm includes a string describing the failed disk(s).\nAlarm is cleared by the system.\nReason: diskFailed		
Remedial action: check the disks		

Table 26-1403 IK8705846 - fanFailureShutdown

Alarm	Attributes	Applicable major releases
Name: IK8705846 (7796) Type: environmentalAlarm (2) Package: lmg Raised on class: lmg.LMGmngElement	Severity: critical Specific problem: fanFailureShutdown (1789) Implicitly cleared: false Default probable cause: coolingFanFailure (651)	<ul style="list-style-type: none"> LR14.3.MG
Description: Critical chassis or cpu fans have failed and the system is shutting down.\nAlarm to be cleared by the operator at the management system.\nReason: fanFailureShutdown		
Remedial action: If the problem persists, contact Alcatel-Lucent customer support.		

Table 26-1404 IK8705849 - powerSupplyFailureShutdown

Alarm	Attributes	Applicable major releases
Name: IK8705849 (7797) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGmngElement	Severity: critical Specific problem: powerSupplyFailureShutdown (1790) Implicitly cleared: false Default probable cause: powerProblem (911)	<ul style="list-style-type: none"> LR14.3.MG
Description: Critical power supplies or power rails failed and the system is shutting down.\nAlarm to be cleared by the operator at the management system.\nReason: powerSupplyFailureShutdown		
Remedial action: If the problem persists, contact Alcatel-Lucent customer support.		

Table 26-1405 IK8705850 - One or more redundant power supplies failed

Alarm	Attributes	Applicable major releases
Name: IK8705850 (7798) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGmngElement	Severity: critical Specific problem: One or more redundant power supplies failed (1791) Implicitly cleared: false Default probable cause: powerProblem (911)	<ul style="list-style-type: none"> LR14.3.MG
Description: One or more redundant power supplies failed. Include in the alarm a string describing the failed power supply(ies).\nAlarm to be cleared by the operator at the management system.\nReason: powerSupplyFailed		
Remedial action: If the problem persists, contact Alcatel-Lucent customer support.		

Table 26-1406 IK8705853 - CPU utilization exceeds 90%

Alarm	Attributes	Applicable major releases
Name: IK8705853 (7799) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGmngElement	Severity: critical Specific problem: CPU utilization exceeds 90% (1792) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> LR14.3.MG
Description: CPU utilization exceeds 90%. This alarm is not enabled by default. To enable this alarm set the registry entry options.monitor.cpu.enable to on. Note that as the threshold for this alarm is checked once a minute it is possible to receive multiple instances of this alarm in a short time.\nAlarm is cleared by the system.\nReason: cpuTooBusy		
Remedial action: If the problem persists, contact Alcatel-Lucent customer support.		

Table 26-1407 IK8705855 - The NVRAM battery is fully discharged

Alarm	Attributes	Applicable major releases
Name: IK8705855 (7800) Type: environmentalAlarm (2) Package: lmg Raised on class: lmg.LMGmngElement	Severity: critical Specific problem: The NVRAM battery is fully discharged (1793) Implicitly cleared: false Default probable cause: batteryDischarging (648)	<ul style="list-style-type: none"> LR14.3.MG
Description: The NVRAM battery is fully discharged.\nAlarm to be cleared by the operator at the management system.\nReason: nvramBatteryDischarged		
Remedial action: Check the NVRAM battery		

Table 26-1408 IK8705856 - The charge in the NVRAM battery is low

Alarm	Attributes	Applicable major releases
Name: IK8705856 (7801) Type: environmentalAlarm (2) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: The charge in the NVRAM battery is low (1794) Implicitly cleared: false Default probable cause: lowBatteryThreshold (656)	<ul style="list-style-type: none"> LR14.3.MG
Description: The charge in the NVRAM battery is low.\nAlarm to be cleared by the operator at the management system.\nReason: nvramBatteryLow		
Remedial action: check the NVRAM battery		

Table 26-1409 IK8705865 - System temperature is too high to continue operating

Alarm	Attributes	Applicable major releases
Name: IK8705865 (7802) Type: environmentalAlarm (2) Package: lmg Raised on class: lmg.LMGmngElement	Severity: critical Specific problem: System temperature is too high to continue operating (1795) Implicitly cleared: false Default probable cause: temperatureUnacceptable (721)	<ul style="list-style-type: none"> LR14.3.MG
Description: System temperature is too high to continue operating. The system is shutting down.\nAlarm to be cleared by the operator at the management system.\nReason: overTempShutdown		
Remedial action: If the problem persists, contact Alcatel-Lucent customer support.		

Table 26-1410 IK8705870 - globalStatusNonRecoverable

Alarm	Attributes	Applicable major releases
Name: IK8705870 (7803) Type: processingErrorAlarm (81) Package: lmg Raised on class: lmg.LMGmngElement	Severity: critical Specific problem: globalStatusNonRecoverable (1796) Implicitly cleared: false Default probable cause: applicationSubsystemFailure (689)	<ul style="list-style-type: none"> LR14.3.MG
Description: The appliance's overall status changed to 'nonRecoverable', indicating a problem so severe that the appliance is shutting down.\nAlarm to be cleared by the operator at the management system.\nReason: globalStatusNonRecoverable		
Remedial action: If the problem persists, contact Alcatel-Lucent customer support.		

Table 26-1411 IK8705871 - globalStatusCritical

Alarm	Attributes	Applicable major releases
Name: IK8705871 (7804) Type: processingErrorAlarm (81) Package: lmg Raised on class: lmg.LMGmngElement	Severity: critical Specific problem: globalStatusCritical (1797) Implicitly cleared: false Default probable cause: applicationSubsystemFailure (689)	<ul style="list-style-type: none"> LR14.3.MG
Description: The appliance's overall status changed to 'critical', indicating a problem that needs immediate attention.\nAlarm to be cleared by the operator at the management system.\nReason: globalStatusCritical		
Remedial action: If the problem persists, contact Alcatel-Lucent customer support.		

Table 26-1412 IK8705872 - globalStatusNonCritical

Alarm	Attributes	Applicable major releases
Name: IK8705872 (7805) Type: processingErrorAlarm (81) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: globalStatusNonCritical (1798) Implicitly cleared: false Default probable cause: applicationSubsystemFailure (689)	<ul style="list-style-type: none"> LR14.3.MG
Description: The appliance's overall status changed to 'nonCritical', indicating a problem that needs attention.\nAlarm to be cleared by the operator at the management system.\nReason: globalStatusNonCritical		
Remedial action: If the problem persists, contact Alcatel-Lucent customer support.		

Table 26-1413 IK8705881 - UPS: Shutting down now: Time left on battery is exhausted

Alarm	Attributes	Applicable major releases
Name: IK8705881 (7806) Type: environmentalAlarm (2) Package: lmg Raised on class: lmg.LMGmngElement	Severity: critical Specific problem: UPS: Shutting down now: Time left on battery is exhausted (1799) Implicitly cleared: false Default probable cause: batteryFailure (649)	<ul style="list-style-type: none"> LR14.3.MG
Description: UPS: Shutting down now: Time left on battery is exhausted.\nAlarm to be cleared by the operator at the management system.\nReason: upsShuttingDown		
Remedial action: If the problem persists, contact Alcatel-Lucent customer support.		

Table 26-1414 IK8705882 - UPS: Warning: Time left on battery is getting critical

Alarm	Attributes	Applicable major releases
Name: IK8705882 (7807) Type: environmentalAlarm (2) Package: lmg Raised on class: lmg.LMGmngElement	Severity: critical Specific problem: UPS: Warning: Time left on battery is getting critical (1800) Implicitly cleared: false Default probable cause: lowBatteryThreshold (656)	<ul style="list-style-type: none"> LR14.3.MG
Description: UPS: Warning: Time left on battery is getting critical.\nAlarm to be cleared by the operator at the management system.\nReason: upsBatteryWarning		
Remedial action: If the problem persists, contact Alcatel-Lucent customer support.		

Table 26-1415 IK8705884 - appEmergency

Alarm	Attributes	Applicable major releases
Name: IK8705884 (7808) Type: processingErrorAlarm (81) Package: lmg Raised on class: lmg.LMGmngElement	Severity: critical Specific problem: appEmergency (1801) Implicitly cleared: false Default probable cause: applicationSubsystemFailure (689)	<ul style="list-style-type: none"> LR14.3.MG
Description: The application encountered an extremely urgent situation and requires an immediate response.\nAlarm to be cleared by the operator at the management system.\nReason: appEmergency		
Remedial action: If the problem persists, contact Alcatel-Lucent customer support.		

Table 26-1416 IK8705885 - appAlert

Alarm	Attributes	Applicable major releases
Name: IK8705885 (7809) Type: processingErrorAlarm (81) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: appAlert (1802) Implicitly cleared: false Default probable cause: applicationSubsystemFailure (689)	<ul style="list-style-type: none"> LR14.3.MG
Description: The application is in a condition that should be corrected immediately.\nAlarm to be cleared by the operator at the management system.\nReason: appAlert		
Remedial action: If the problem persists, contact Alcatel-Lucent customer support.		

Table 26-1417 IK8705900 - eccMasked

Alarm	Attributes	Applicable major releases
Name: IK8705900 (7810) Type: processingErrorAlarm (81) Package: lmg Raised on class: lmg.LMGmngElement	Severity: critical Specific problem: eccMasked (1803) Implicitly cleared: false Default probable cause: memoryMismatch (680)	<ul style="list-style-type: none"> LR14.3.MG
Description: Memory ECC: High frequency of ECC errors\nAlarm to be cleared by the operator at the management system.\nReason: eccMasked		
Remedial action: check Memory ECC		

Table 26-1418 IK8705902 - ftpdMaxConnNotice

Alarm	Attributes	Applicable major releases
Name: IK8705902 (7811) Type: communicationsAlarm (4) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: ftpdMaxConnNotice (1804) Implicitly cleared: false Default probable cause: communicationsSubsystemFailure (915)	<ul style="list-style-type: none"> LR14.3.MG
Description: Ftp daemon: number of connections hits maximum number\nAlarm to be cleared by the operator at the management system.\nReason: ftpdMaxConnNotice		
Remedial action: If the problem persists, contact Alcatel-Lucent customer support.		

Table 26-1419 IK8705907 - vifPrimaryLinkFailed

Alarm	Attributes	Applicable major releases
Name: IK8705907 (7812) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGmngElement	Severity: critical Specific problem: vifPrimaryLinkFailed (1805) Implicitly cleared: false Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> LR14.3.MG
Description: Vif: The primary Interface on a Single mode vif has failed\nAlarm to be cleared by the operator at the management system.\nReason: vifPrimaryLinkFailed		
Remedial action: If the problem persists, contact Alcatel-Lucent customer support.		

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Table 26-1420 IK8705908 - vifAllLinksFailed

Alarm	Attributes	Applicable major releases
Name: IK8705908 (7813) Type: communicationsAlarm (4) Package: lmg Raised on class: lmg.LMGMngElement	Severity: critical Specific problem: vifAllLinksFailed (1806) Implicitly cleared: false Default probable cause: communicationsSubsystemFailure (915)	<ul style="list-style-type: none"> LR14.3.MG
Description: Vif: All the links of the vif have failed\nAlarm to be cleared by the operator at the management system.\nReason: vifAllLinksFailed		
Remedial action: If the problem persists, contact Alcatel-Lucent customer support.		

Table 26-1421 IK8705916 - volumeRestrictedByMirrorBiglo

Alarm	Attributes	Applicable major releases
Name: IK8705916 (7814) Type: processingErrorAlarm (81) Package: lmg Raised on class: lmg.LMGMngElement	Severity: critical Specific problem: volumeRestrictedByMirrorBiglo (1807) Implicitly cleared: false Default probable cause: applicationSubsystemFailure (689)	<ul style="list-style-type: none"> LR14.3.MG
Description: A volume that experienced a medium error during reconstruction is restricted and marked wafli-inconsistent, but starting wafliiron has failed. This alarm is issued to alert operator that a volume is not accessible and wafliiron must be started to allow access to it.\nAlarm to be cleared by the operator at the management system.\nReason: volumeRestrictedByMirrorBiglo		
Remedial action: If the problem persists, contact Alcatel-Lucent customer support.		

Table 26-1422 IK8705921 - rmcCardMissingCables

Alarm	Attributes	Applicable major releases
Name: IK8705921 (7815) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGMngElement	Severity: major Specific problem: rmcCardMissingCables (1808) Implicitly cleared: false Default probable cause: powerProblem (911)	<ul style="list-style-type: none"> LR14.3.MG
Description: Remote Management Controller card is missing its internal cable, or LAN cable or power supply cable. The alarm includes a string specifying the missing component.\nAlarm to be cleared by the operator at the management system.\nReason: rmcCardMissingCables		
Remedial action: check Remote Management Controller card and its internal cable		

Table 26-1423 IK8705935 - The chassis temperature is extreme

Alarm	Attributes	Applicable major releases
Name: IK8705935 (7816) Type: processingErrorAlarm (81) Package: Img Raised on class: Img.LMGmngElement	Severity: critical Specific problem: The chassis temperature is extreme (1809) Implicitly cleared: false Default probable cause: applicationSubsystemFailure (689)	<ul style="list-style-type: none"> LR14.3.MG
Description: The chassis temperature is extreme. The appliance has initiated a shutdown to protect itself. The operating environment should be monitored and corrected before restarting the appliance. Alarm to be cleared by the operator at the management system. Reason: chassisTemperatureShutdown		
Remedial action: If the problem persists, contact Alcatel-Lucent customer support.		

Table 26-1424 IK8705939 - One or more CPU fans have stopped

Alarm	Attributes	Applicable major releases
Name: IK8705939 (7817) Type: environmentalAlarm (2) Package: Img Raised on class: Img.LMGmngElement	Severity: critical Specific problem: One or more CPU fans have stopped (1810) Implicitly cleared: false Default probable cause: coolingFanFailure (651)	<ul style="list-style-type: none"> LR14.3.MG
Description: One or more CPU fans have stopped. The appliance has initiated a shutdown to protect itself. A new motherboard may be required to correct the fan. Contact customer support for direction. Alarm to be cleared by the operator at the management system. Reason: chassisCPUFanStopped		
Remedial action: check the chassis fan		

Table 26-1425 IK8705942 - Multiple chassis power supplies failed

Alarm	Attributes	Applicable major releases
Name: IK8705942 (7818) Type: equipmentAlarm (3) Package: Img Raised on class: Img.LMGmngElement	Severity: critical Specific problem: Multiple chassis power supplies failed (1811) Implicitly cleared: true Default probable cause: powerProblem (911)	<ul style="list-style-type: none"> LR14.3.MG
Description: Multiple chassis power supplies failed. Alarm is cleared by the system. Reason: chassisPowerSuppliesFailed		
Remedial action: If the problem persists, contact Alcatel-Lucent customer support.		

Table 26-1426 IK8705943 - One or more chassis power supplies are degraded

Alarm	Attributes	Applicable major releases
Name: IK8705943 (7819) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGmngElement	Severity: critical Specific problem: One or more chassis power supplies are degraded (1812) Implicitly cleared: false Default probable cause: powerProblem (911)	<ul style="list-style-type: none"> LR14.3.MG
Description: One or more chassis power supplies are degraded. A description of the degraded state has been logged to the console and message log file.\nAlarm to be cleared by the operator at the management system.\nReason: chassisPowerSupplyDegraded		
Remedial action: If the problem persists, contact Alcatel-Lucent customer support.		

Table 26-1427 IK8705944 - One chassis power supply failed

Alarm	Attributes	Applicable major releases
Name: IK8705944 (7820) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGmngElement	Severity: critical Specific problem: One chassis power supply failed (1813) Implicitly cleared: false Default probable cause: powerProblem (911)	<ul style="list-style-type: none"> LR14.3.MG
Description: One chassis power supply failed.\nAlarm to be cleared by the operator at the management system.\nReason: chassisPowerSupplyFailed		
Remedial action: Check the chassis power supply		

Table 26-1428 IK8705957 - prefDCDisconnect

Alarm	Attributes	Applicable major releases
Name: IK8705957 (7821) Type: communicationsAlarm (4) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: prefDCDisconnect (1814) Implicitly cleared: false Default probable cause: communicationsSubsystemFailure (915)	<ul style="list-style-type: none"> LR14.3.MG
Description: All connections to domain controllers in the preferred domain controllers list have been lost.\nAlarm to be cleared by the operator at the management system.\nReason: prefDCDisconnect		
Remedial action: If the problem persists, contact Alcatel-Lucent customer support.		

Table 26-1429 IK8705963 - shelfSESElectronicsFailed

Alarm	Attributes	Applicable major releases
Name: IK8705963 (7822) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGmngElement	Severity: critical Specific problem: shelfSESElectronicsFailed (1815) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> LR14.3.MG
Description: One or more of the enclosure services devices in a disk shelf has failed. Some shelf designs combine the enclosure monitoring hardware function into the module that provides the storage interface to the shelf. A failure in the enclosure monitoring section of these combined modules does not necessarily indicate a failure in disk or loop or bus operation, which may be able to continue. Alarm is cleared by the system. Reason: shelfSESElectronicsFailed		
Remedial action: Check the disk shelf		

Table 26-1430 IK8705965 - shelfIFModuleFailed

Alarm	Attributes	Applicable major releases
Name: IK8705965 (7823) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: shelfIFModuleFailed (1816) Implicitly cleared: false Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> LR14.3.MG
Description: One or more of the storage interface modules in a disk shelf has failed. Some shelf designs combine the enclosure monitoring hardware function into the module that operates the fibre channel loop or SCSI in the shelf. This failure is of the storage interface itself, not a failure of the enclosure monitoring, which may be able to continue. This failure may make one or more disks in the shelf or in the loop or bus unavailable. Alarm to be cleared by the operator at the management system. Reason: shelfIFModuleFailed		
Remedial action: Check the storage interface modules in the disk shelf		

Table 26-1431 IK8705971 - Power Supply Unit is removed from the system

Alarm	Attributes	Applicable major releases
Name: IK8705971 (7824) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: Power Supply Unit is removed from the system (1817) Implicitly cleared: false Default probable cause: powerProblem (911)	<ul style="list-style-type: none"> LR14.3.MG
Description: Power Supply Unit is removed from the system. System will be shutdown in x minutes if it is not put back. Alarm to be cleared by the operator at the management system. Reason: chassisPSRemovedxMinShutdown		
Remedial action: If the problem persists, contact Alcatel-Lucent customer support.		

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Table 26-1432 IK8705973 - Multiple chassis fan failure

Alarm	Attributes	Applicable major releases
Name: IK8705973 (7825) Type: environmentalAlarm (2) Package: lmg Raised on class: lmg.LMGmngElement	Severity: critical Specific problem: Multiple chassis fan failure (1818) Implicitly cleared: false Default probable cause: coolingFanFailure (651)	<ul style="list-style-type: none"> LR14.3.MG
Description: Multiple chassis fan failure. System will shut down in a few minutes if not corrected.\nAlarm to be cleared by the operator at the management system.\nReason: chassisFanFailxMinShutdown		
Remedial action: Check the chassis fan		

Table 26-1433 IK8705974 - chassisPSUwrongInput

Alarm	Attributes	Applicable major releases
Name: IK8705974 (7826) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: chassisPSUwrongInput (1819) Implicitly cleared: false Default probable cause: powerProblem (911)	<ul style="list-style-type: none"> LR14.3.MG
Description: Power Supply Unit (PSU) in the system is connected to an incompatible external power source.\nAlarm to be cleared by the operator at the management system.\nReason: chassisPSUwrongInput		
Remedial action: Change the power source being used or replace the PSU with one that matches the current power source.		

Table 26-1434 IK8705975 - Multiple power supply fans failure

Alarm	Attributes	Applicable major releases
Name: IK8705975 (7827) Type: environmentalAlarm (2) Package: lmg Raised on class: lmg.LMGmngElement	Severity: critical Specific problem: Multiple power supply fans failure (1820) Implicitly cleared: false Default probable cause: coolingFanFailure (651)	<ul style="list-style-type: none"> LR14.3.MG
Description: Multiple power supply fans failure. System will shut down in a few minutes if not corrected.\nAlarm to be cleared by the operator at the management system.\nReason: powerSupplyFanFailxMinShutdown		
Remedial action: Check power supply fans		

Table 26-1435 IK8705976 - system remote management detected a system down event

Alarm	Attributes	Applicable major releases
Name: IK8705976 (7828) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGmngElement	Severity: critical Specific problem: system remote management detected a system down event (1821) Implicitly cleared: false Default probable cause: powerProblem (911)	<ul style="list-style-type: none"> LR14.3.MG
<p>Description: system remote management detected a system down event. The alarm includes a string describing the specific event which triggered the trap. The string is structured in the following form: Remote Management Event: type="{system_down system_up test keep_alive}, severity={alert warning notice normal debug info}, event={post_error watchdog_reset power_loss abnormal_reboot}, key=value An example of a complete message would be: Remote Management Event: type=system_down, severity=alert, event=watchdog_reset, ss=16bytes Additional key=value items may, in the future, be appended to this message. The events that would generate this alarm would be: post_error: Fatal POST error on boot power_loss: Loss of power to system abnormal_reboot: I2_watchdog_reset\nAlarm to be cleared by the operator at the management system.\nReason: remoteSystemMgtAlert"</p>		
<p>Remedial action: If the problem persists, contact Alcatel-Lucent customer support.</p>		

Table 26-1436 IK8705977 - system remote management detected a system down event

Alarm	Attributes	Applicable major releases
Name: IK8705977 (7829) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: system remote management detected a system down event (1821) Implicitly cleared: false Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> LR14.3.MG
<p>Description: system remote management detected a system down event. The alarm includes a string describing the specific event which triggered the trap. The string is structured in the following form: Remote Management Event: type="{system_down system_up test keep_alive}, severity={alert warning notice normal debug info}, event={loss-of-heartbeat}, key=value An example of a complete message would be: Remote Management Event: type=system_down, severity=warning, event=loss_of_heartbeat, ss=16bytes Additional key=value items may, in the future, be appended to this message. The events that would generate this alarm would be: loss_of_heartbeat: Loss of heartbeat to the RLM.\nAlarm to be cleared by the operator at the management system.\nReason: remoteSystemMgmtWarning"</p>		
<p>Remedial action: If the problem persists, contact Alcatel-Lucent customer support.</p>		

Table 26-1437 IK8705978 - system remote management detected a system down event

Alarm	Attributes	Applicable major releases
Name: IK8705978 (7830) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: system remote management detected a system down event (1821) Implicitly cleared: false Default probable cause: powerProblem (911)	<ul style="list-style-type: none"> LR14.3.MG

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Alarm	Attributes	Applicable major releases
<p>Description: system remote management detected a system down event. The alarm includes a string describing the specific event which triggered the trap. The string is structured in the following form: Remote Management Event: type="{system_down system_up test keep_alive}, severity={alert warning notice normal debug info}, event={power_off_via_rlm,power_cycle_via_rlm,reset_via_rlm}, key=value An example of a complete message would be: Remote Management Event: type=system_down, severity=notice, event=power_off_via_rlm, ss=16bytes Additional key=value items may, in the future, be appended to this message. The events that would generate this alarm would be: power_off_via_rlm: This indicates system power off power_cycle_via_rlm: This indicates system power cycle reset_via_rlm: This indicates system reset.\nAlarm to be cleared by the operator at the management system.\nReason: remoteSystemMgmtNotification"</p>		
<p>Remedial action: If the problem persists, contact Alcatel-Lucent customer support.</p>		

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Table 26-1438 IK8705984 - driveDisableErr

Alarm	Attributes	Applicable major releases
<p>Name: IK8705984 (7831) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGmngElement</p>	<p>Severity: critical Specific problem: driveDisableErr (1822) Implicitly cleared: false Default probable cause: equipmentMalfunction (698)</p>	<ul style="list-style-type: none"> LR14.3.MG
<p>Description: A drive has been disabled by the shelf module due to hardware errors. If it is the only drive in the shelf that is disabled, replace the drive.\nAlarm to be cleared by the operator at the management system.\nReason: driveDisableErr</p>		
<p>Remedial action: Replace the failing drive</p>		

Table 26-1439 IK8706001 - rebootAbnormal

Alarm	Attributes	Applicable major releases
<p>Name: IK8706001 (7832) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGmngElement</p>	<p>Severity: major Specific problem: rebootAbnormal (1823) Implicitly cleared: false Default probable cause: powerProblem (911)</p>	<ul style="list-style-type: none"> LR14.3.MG
<p>Description: System rebooted abnormally after any of the following events: event =" watchdog reset, agent watchdog reset, panic, power-glitch.\nAlarm to be cleared by the operator at the management system.\nReason: rebootAbnormal"</p>		
<p>Remedial action: If the problem persists, contact Alcatel-Lucent customer support.</p>		

Table 26-1440 IK8706007 - scsibladeOutOfQuorum

Alarm	Attributes	Applicable major releases
Name: IK8706007 (7833) Type: communicationsAlarm (4) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: scsibladeOutOfQuorum (1824) Implicitly cleared: false Default probable cause: communicationsSubsystemFailure (915)	<ul style="list-style-type: none"> LR14.3.MG
Description: The node has lost connectivity with the other nodes in the cluster. Both fcp and iscsi traffic have been disabled on this node. The corrective action is to reboot the node, and if the node is waiting for giveback then perform a giveback.\nAlarm to be cleared by the operator at the management system.\nReason: scsibladeOutOfQuorum		
Remedial action: If the problem persists, contact Alcatel-Lucent customer support.		

Table 26-1441 IK8750982 - Cluster Node Failed

Alarm	Attributes	Applicable major releases
Name: IK8750982 (7834) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: Cluster Node Failed (1428) Implicitly cleared: false Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> LR14.3.MG
Description: This alarm will be sent any time the condition of a node in the cluster becomes failed.\nAlarm to be cleared by the operator at the management system.\nReason: cpqClusterNodeFailed		
Remedial action: Make a note of the cluster node name then check the node for the cause of the failure.		

Table 26-1442 IK8750984 - Cluster Resource Failed

Alarm	Attributes	Applicable major releases
Name: IK8750984 (7835) Type: processingErrorAlarm (81) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: Cluster Resource Failed (1429) Implicitly cleared: false Default probable cause: underlyingResourceUnavailable (724)	<ul style="list-style-type: none"> LR14.3.MG
Description: This alarm will be sent any time the condition of a cluster resource becomes failed.\nAlarm to be cleared by the operator at the management system.\nReason: cpqClusterResourceFailed		
Remedial action: Make a note of the cluster resource name then check the resource for the cause of the failure.		

Table 26-1443 IK8750986 - Cluster Network Failed

Alarm	Attributes	Applicable major releases
Name: IK8750986 (7836) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: Cluster Network Failed (1430) Implicitly cleared: false Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> LR14.3.MG
Description: This alarm will be sent any time the condition of a cluster network becomes failed. Alarm to be cleared by the operator at the management system. Reason: cpqClusterNetworkFailed		
Remedial action: Make a note of the cluster network name then check the network for the cause of the failure.		

Table 26-1444 IK8751008 - The primary controller in the subsystem has failed

Alarm	Attributes	Applicable major releases
Name: IK8751008 (7837) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: The primary controller in the subsystem has failed (1431) Implicitly cleared: false Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> LR14.3.MG
Description: The primary controller in the subsystem has failed. Details: The primary Controller has failed. Alarm to be cleared by the operator at the management system. Reason: cpqCrController1FailureTrap		
Remedial action: Replace controller. Possible causes are controller physically removed, actual hardware failure.		

Table 26-1445 IK8751010 - The secondary controller in the subsystem has failed

Alarm	Attributes	Applicable major releases
Name: IK8751010 (7838) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: The secondary controller in the subsystem has failed (1432) Implicitly cleared: false Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> LR14.3.MG
Description: The secondary controller in the subsystem has failed. Details: The secondary controller has failed. Alarm to be cleared by the operator at the management system. Reason: cpqCrController2FailureTrap		
Remedial action: Replace controller. Possible causes are controller physically removed, actual hardware failure.		

Table 26-1446 IK8751013 - A RAIDset has failed

Alarm	Attributes	Applicable major releases
Name: IK8751013 (7839) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: A RAIDset has failed (1433) Implicitly cleared: false Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> LR14.3.MG
Description: A RAIDset has failed. Details: The RAIDset has failed and is off-line.\nAlarm to be cleared by the operator at the management system.\nReason: cpqCrLogDriveFailureTrap		
Remedial action: Possible cause is too many failed disk drives that make up the RAIDset, the OS can no longer communicate with the RAIDset for other reasons.		

Table 26-1447 IK8751018 - A disk drive has failed

Alarm	Attributes	Applicable major releases
Name: IK8751018 (7840) Type: processingErrorAlarm (81) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: A disk drive has failed (1434) Implicitly cleared: true Default probable cause: storageCapacityProblem (679)	<ul style="list-style-type: none"> LR14.3.MG
Description: A disk drive has failed. Details: A disk device has failed.\nAlarm is cleared by the system.\nReason: cpqCrDiskFailureTrap		
Remedial action: Replace the disk device.		

Table 26-1448 IK8751023 - A disk drive has failed

Alarm	Attributes	Applicable major releases
Name: IK8751023 (7841) Type: processingErrorAlarm (81) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: A disk drive has failed (1434) Implicitly cleared: false Default probable cause: storageCapacityProblem (679)	<ul style="list-style-type: none"> LR14.3.MG
Description: A disk drive has failed. Details: A disk device has failed.\nAlarm to be cleared by the operator at the management system.\nReason: cpqCrPhyDiskFailureTrap		
Remedial action: Replace the disk device.		

Table 26-1449 IK8751030 - Power supply has failed

Alarm	Attributes	Applicable major releases
Name: IK8751030 (7842) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGMngElement	Severity: major Specific problem: Power supply has failed (1435) Implicitly cleared: true Default probable cause: powerProblem (911)	<ul style="list-style-type: none"> LR14.3.MG
Description: Power supply has failed. Details: One of the power supplies in the primary enclosure has failed.\nAlarm is cleared by the system.\nReason: cpqCrEMUPowerSupplyFailureTrap		
Remedial action: Replace the power supply. Possible causes are power supply physically removed, power cord unplugged, actual hardware failure.		

Table 26-1450 IK8751033 - Primary enclosure temperature critical!

Alarm	Attributes	Applicable major releases
Name: IK8751033 (7843) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGMngElement	Severity: critical Specific problem: Primary enclosure temperature critical! (1436) Implicitly cleared: false Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> LR14.3.MG
Description: Primary enclosure temperature critical!. Details: The temperature in the primary enclosure has triggered a critical condition detected by the controller.\nAlarm to be cleared by the operator at the management system.\nReason: cpqCrEMUTemperatureCriticalTrap		
Remedial action: Check the cooling fans in the primary enclosure.		

Table 26-1451 IK8751037 - Power supply has failed

Alarm	Attributes	Applicable major releases
Name: IK8751037 (7844) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGMngElement	Severity: major Specific problem: Power supply has failed (1435) Implicitly cleared: true Default probable cause: powerProblem (911)	<ul style="list-style-type: none"> LR14.3.MG
Description: Power supply has failed. Details: One of the power supplies in the expansion cabinet has failed.\nAlarm is cleared by the system.\nReason: cpqCrExpCabPowerSupplyFailureTrap		
Remedial action: Replace the power supply. Possible causes are power supply physically removed, power cord unplugged, actual hardware failure.		

Table 26-1452 IK8751040 - cpqCrExpCabTemperatureCriticalTrap

Alarm	Attributes	Applicable major releases
Name: IK8751040 (7845) Type: environmentalAlarm (2) Package: lmg Raised on class: lmg.LMGmngElement	Severity: critical Specific problem: cpqCrExpCabTemperatureCriticalTrap (1437) Implicitly cleared: false Default probable cause: temperatureUnacceptable (721)	<ul style="list-style-type: none"> LR14.3.MG
Description: Expansion cabinet temperature critical! Details: The temperature in the expansion cabinet has triggered a critical condition detected by the controller.\nAlarm to be cleared by the operator at the management system.\nReason: cpqCrExpCabTemperatureCriticalTrap		
Remedial action: Check the cooling fans in the expansion cabinet.		

Table 26-1453 IK8751060 - External Array Accelerator Board Battery Failed

Alarm	Attributes	Applicable major releases
Name: IK8751060 (7846) Type: environmentalAlarm (2) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: External Array Accelerator Board Battery Failed (1438) Implicitly cleared: false Default probable cause: batteryFailure (649)	<ul style="list-style-type: none"> LR14.3.MG
Description: External Array Accelerator Board Battery Failed. This alarm signifies that the agent has detected a battery failure associated with the Array Accelerator Cache Board.\nAlarm to be cleared by the operator at the management system.\nReason: cpqFcaAccelBatteryFailed		
Remedial action: Replace the Accelerator Cache Board.		

Table 26-1454 IK8751073 - External Array Accelerator Board Battery Failed

Alarm	Attributes	Applicable major releases
Name: IK8751073 (7847) Type: environmentalAlarm (2) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: External Array Accelerator Board Battery Failed (1438) Implicitly cleared: false Default probable cause: batteryFailure (649)	<ul style="list-style-type: none"> LR14.3.MG
Description: External Array Accelerator Board Battery Failed. This alarm signifies that the agent has detected a battery failure associated with the Array Accelerator Cache Board.\nAlarm to be cleared by the operator at the management system.\nReason: cpqFca2AccelBatteryFailed		
Remedial action: Replace the Accelerator Cache Board.		

Table 26-1455 IK8751098 - POST Errors Occurred

Alarm	Attributes	Applicable major releases
Name: IK8751098 (7848) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: POST Errors Occurred (1439) Implicitly cleared: false Default probable cause: powerProblem (911)	<ul style="list-style-type: none"> LR14.3.MG
Description: One or more POST errors occurred. Power On Self-Test (POST) errors occur during the server restart process.\nAlarm to be cleared by the operator at the management system.\nReason: cpqHePostError		
Remedial action: Refer to the Integrated Management Log for details on the POST error.		

Table 26-1456 IK8751102 - Thermal Failure

Alarm	Attributes	Applicable major releases
Name: IK8751102 (7849) Type: environmentalAlarm (2) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: Thermal Failure (1440) Implicitly cleared: false Default probable cause: temperatureUnacceptable (721)	<ul style="list-style-type: none"> LR14.3.MG
Description: The temperature status has been set to failed. The system will be shutdown due to this thermal condition.\nAlarm to be cleared by the operator at the management system.\nReason: cpqHe3ThermalTempFailed		
Remedial action: Check the system for hardware failures and verify the environment is properly cooled.		

Table 26-1457 IK8751105 - System Fan Failure

Alarm	Attributes	Applicable major releases
Name: IK8751105 (7850) Type: environmentalAlarm (2) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: System Fan Failure (1441) Implicitly cleared: true Default probable cause: coolingFanFailure (651)	<ul style="list-style-type: none"> LR14.3.MG
Description: The system fan status has been set to failed. A required system fan is not operating normally. The system will be shutdown if the cpqHeThermalDegradedAction variable is set to shutdown(3).\nAlarm is cleared by the system.\nReason: cpqHe3ThermalSystemFanFailed		
Remedial action: Replace the failed fan.		

Table 26-1458 IK8751112 - POST Errors Occurred

Alarm	Attributes	Applicable major releases
Name: IK8751112 (7851) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: POST Errors Occurred (1439) Implicitly cleared: false Default probable cause: powerProblem (911)	<ul style="list-style-type: none"> LR14.3.MG
Description: One or more POST errors occurred. Power On Self-Test (POST) errors occur during the server restart process. Details of the POST error messages can be found in Integrated Management Log\nAlarm to be cleared by the operator at the management system.\nReason: cpqHe3PostError		
Remedial action: Refer to the Integrated Management Log for details on the POST error.		

Table 26-1459 IK8751116 - Power Supply Failed

Alarm	Attributes	Applicable major releases
Name: IK8751116 (7852) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: Power Supply Failed (1442) Implicitly cleared: true Default probable cause: powerProblem (911)	<ul style="list-style-type: none"> LR14.3.MG
Description: The fault tolerant power supply condition has been set to failed for the specified chassis and bay location.\nAlarm is cleared by the system.\nReason: cpqHe3FitToPowerSupplyFailed		
Remedial action: If the problem persists, contact Alcatel-Lucent customer support.		

Table 26-1460 IK8751121 - Fan Failed

Alarm	Attributes	Applicable major releases
Name: IK8751121 (7853) Type: environmentalAlarm (2) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: Fan Failed (1443) Implicitly cleared: true Default probable cause: coolingFanFailure (651)	<ul style="list-style-type: none"> LR14.3.MG
Description: The Fault Tolerant Fan condition has been set to failed for the specified chassis and fan.\nAlarm is cleared by the system.\nReason: cpqHe3FitToFanFailed		
Remedial action: Replace the failed fan.		

Table 26-1461 IK8751125 - Thermal Failure

Alarm	Attributes	Applicable major releases
Name: IK8751125 (7854) Type: environmentalAlarm (2) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: Thermal Failure (1440) Implicitly cleared: false Default probable cause: temperatureUnacceptable (721)	<ul style="list-style-type: none"> LR14.3.MG
Description: The temperature status has been set to failed in the specified chassis and location. The system will be shutdown due to this condition.\nAlarm to be cleared by the operator at the management system.\nReason: cpqHe3TemperatureFailed		
Remedial action: Check the system for hardware failures and verify the environment is properly cooled.		

Table 26-1462 IK8751129 - Power Converter Failed

Alarm	Attributes	Applicable major releases
Name: IK8751129 (7855) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: Power Converter Failed (1444) Implicitly cleared: false Default probable cause: powerProblem (911)	<ul style="list-style-type: none"> LR14.3.MG
Description: The DC-DC Power Converter condition has been set to failed for the specified chassis, slot and socket.\nAlarm to be cleared by the operator at the management system.\nReason: cpqHe3PowerConverterFailed		
Remedial action: Replace the failed power converter.		

Table 26-1463 IK8751135 - Power Supply Failed

Alarm	Attributes	Applicable major releases
Name: IK8751135 (7856) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: Power Supply Failed (1442) Implicitly cleared: true Default probable cause: powerProblem (911)	<ul style="list-style-type: none"> LR14.3.MG
Description: The fault tolerant power supply condition has been set to failed for the specified chassis and bay location.\nAlarm is cleared by the system.\nReason: cpqHe4FitToIPowerSupplyFailed		
Remedial action: Replace the failed power supply.		

Table 26-1464 IK8751144 - Memory Board or Cartridge Bus Error Detected

Alarm	Attributes	Applicable major releases
Name: IK8751144 (7857) Type: processingErrorAlarm (81) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: Memory Board or Cartridge Bus Error Detected (1445) Implicitly cleared: false Default probable cause: memoryMismatch (680)	<ul style="list-style-type: none"> LR14.3.MG
Description: Memory board or cartridge bus error detected. An Advanced Memory Protection sub-system board or cartridge bus error has been detected. Alarm to be cleared by the operator at the management system. Reason: cpqHeResMemBoardBusError		
Remedial action: Replace the indicated board or cartridge.		

Table 26-1465 IK8751148 - Management processor failed reset

Alarm	Attributes	Applicable major releases
Name: IK8751148 (7858) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: Management processor failed reset (1446) Implicitly cleared: false Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> LR14.3.MG
Description: The Management processor failed reset The management processor was not successfully reset and is not operational. Alarm to be cleared by the operator at the management system. Reason: cpqHeManagementProcFailedReset		
Remedial action: Reset the management processor again or re-flash the management processor firmware.		

Table 26-1466 IK8751152 - Memory Board or Cartridge or Riser Bus Error Detected

Alarm	Attributes	Applicable major releases
Name: IK8751152 (7859) Type: processingErrorAlarm (81) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: Memory Board or Cartridge or Riser Bus Error Detected (1447) Implicitly cleared: false Default probable cause: memoryMismatch (680)	<ul style="list-style-type: none"> LR14.3.MG
Description: Memory board or cartridge or Riser bus error detected. An Advanced Memory Protection sub-system board or cartridge or Riser bus error has been detected. Value 0 for CPU means memory is not processor based. Alarm to be cleared by the operator at the management system. Reason: cpqHe5ResMemBoardBusError		
Remedial action: Replace the indicated board or cartridge or Riser.		

Table 26-1467 IK8751154 - Power Supply AC Power Loss

Alarm	Attributes	Applicable major releases
Name: IK8751154 (7860) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: Power Supply AC Power Loss (1448) Implicitly cleared: false Default probable cause: powerProblem (911)	<ul style="list-style-type: none"> LR14.3.MG
Description: The fault tolerant power supply AC power loss for the specified chassis and bay location. \nAlarm to be cleared by the operator at the management system. \nReason: cpqHe4FitToPowerSupplyACpowerloss		
Remedial action: Check the power source for the specified power supply.		

Table 26-1468 IK8751156 - Application Error Trap

Alarm	Attributes	Applicable major releases
Name: IK8751156 (7861) Type: processingErrorAlarm (81) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: Application Error Trap (1449) Implicitly cleared: false Default probable cause: applicationSubsystemFailure (689)	<ul style="list-style-type: none"> LR14.3.MG
Description: An application has generated an exception. Specific error information is contained in the variable cpqHoSwPerfAppErrorDesc. \nAlarm to be cleared by the operator at the management system. \nReason: cpqHoAppErrorTrap		
Remedial action: If the problem persists, contact Alcatel-Lucent customer support.		

Table 26-1469 IK8751158 - Application Error Trap

Alarm	Attributes	Applicable major releases
Name: IK8751158 (7862) Type: processingErrorAlarm (81) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: Application Error Trap (1449) Implicitly cleared: false Default probable cause: applicationSubsystemFailure (689)	<ul style="list-style-type: none"> LR14.3.MG
Description: An application has generated an exception. Specific error information is contained in the variable cpqHoSwPerfAppErrorDesc. \nAlarm to be cleared by the operator at the management system. \nReason: cpqHo2AppErrorTrap		
Remedial action: If the problem persists, contact Alcatel-Lucent customer support.		

Table 26-1470 IK8751163 - Status Trap

Alarm	Attributes	Applicable major releases
Name: IK8751163 (7863) Type: communicationsAlarm (4) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: Status Trap (1450) Implicitly cleared: true Default probable cause: communicationsSubsystemFailure (915)	<ul style="list-style-type: none"> LR14.3.MG
Description: This alarm will be sent any time the status of a NIC changes to the Failed condition. \nAlarm is cleared by the system. \nReason: cpqHo2NicStatusFailed2		
Remedial action: Check the network cables. Replace the failed NIC.		

Table 26-1471 IK8751172 - Power Threshold Exceeded

Alarm	Attributes	Applicable major releases
Name: IK8751172 (7864) Type: qualityOfServiceAlarm (82) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: Power Threshold Exceeded (1451) Implicitly cleared: false Default probable cause: resourceAtOrNearingCapacity (715)	<ul style="list-style-type: none"> LR14.3.MG
Description: This alarm notifies user of a power threshold breach. Power threshold exceeded. \nAlarm to be cleared by the operator at the management system. \nReason: cpqHo2PowerThresholdTrap		
Remedial action: If the problem persists, contact Alcatel-Lucent customer support.		

Table 26-1472 IK8752265 - Accelerator Board Battery Failed

Alarm	Attributes	Applicable major releases
Name: IK8752265 (7865) Type: environmentalAlarm (2) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: Accelerator Board Battery Failed (1452) Implicitly cleared: false Default probable cause: batteryFailure (649)	<ul style="list-style-type: none"> LR14.3.MG
Description: Accelerator Board Battery Failed. This alarm signifies that the agent has detected a battery failure associated with the array accelerator cache board. The current battery status is indicated by the cpqDaAccelBattery variable. \nAlarm to be cleared by the operator at the management system. \nReason: cpqDaAccelBatteryFailed		
Remedial action: check the Accelerator Board Battery		

Table 26-1473 IK8752272 - Accelerator Board Battery Failed

Alarm	Attributes	Applicable major releases
Name: IK8752272 (7866) Type: environmentalAlarm (2) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: Accelerator Board Battery Failed (1452) Implicitly cleared: false Default probable cause: batteryFailure (649)	<ul style="list-style-type: none"> LR14.3.MG
Description: Accelerator Board Battery Failed. This alarm signifies that the agent has detected a battery failure associated with the array accelerator cache board. The current battery status is indicated by the cpqDaAccelBattery variable. \nAlarm to be cleared by the operator at the management system. \nReason: cpqDa2AccelBatteryFailed		
Remedial action: check the Accelerator Board Battery		

Table 26-1474 IK8752279 - Accelerator Board Battery Failed

Alarm	Attributes	Applicable major releases
Name: IK8752279 (7867) Type: environmentalAlarm (2) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: Accelerator Board Battery Failed (1452) Implicitly cleared: false Default probable cause: batteryFailure (649)	<ul style="list-style-type: none"> LR14.3.MG
Description: Accelerator Board Battery Failed. This alarm signifies that the agent has detected a battery failure associated with the array accelerator cache board. The current battery status is indicated by the cpqDaAccelBattery variable. \nAlarm to be cleared by the operator at the management system. \nReason: cpqDa3AccelBatteryFailed		
Remedial action: check the Accelerator Board Battery		

Table 26-1475 IK8752291 - Accelerator Board Bad Data

Alarm	Attributes	Applicable major releases
Name: IK8752291 (7868) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: Accelerator Board Bad Data (1453) Implicitly cleared: false Default probable cause: powerProblem (911)	<ul style="list-style-type: none"> LR14.3.MG
Description: Accelerator Board Bad Data. This alarm signifies that the agent has detected an array accelerator cache board that has lost battery power. If data was being stored in the accelerator cache memory when the server lost power, that data has been lost. \nAlarm to be cleared by the operator at the management system. \nReason: cpqDa5AccelBadDataTrap		
Remedial action: Verify that no data has been lost.		

Table 26-1476 IK8752292 - Accelerator Board Battery Failed

Alarm	Attributes	Applicable major releases
Name: IK8752292 (7869) Type: environmentalAlarm (2) Package: Img Raised on class: Img.LMGmngElement	Severity: major Specific problem: Accelerator Board Battery Failed (1452) Implicitly cleared: false Default probable cause: batteryFailure (649)	<ul style="list-style-type: none"> LR14.3.MG
Description: Accelerator Board Battery Failed. This alarm signifies that the agent has detected a battery failure associated with the array accelerator cache board.\nAlarm to be cleared by the operator at the management system.\nReason: cpqDa5AccelBatteryFailed		
Remedial action: Replace the Accelerator Cache Board.		

Table 26-1477 IK8752295 - Physical Drive Threshold Passed

Alarm	Attributes	Applicable major releases
Name: IK8752295 (7870) Type: equipmentAlarm (3) Package: Img Raised on class: Img.LMGmngElement	Severity: major Specific problem: Physical Drive Threshold Passed (1454) Implicitly cleared: false Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> LR14.3.MG
Description: Physical Drive Threshold Passed. This alarm signifies that the agent has detected a factory threshold associated with one of the physical drive objects on a drive array has been exceeded.\nAlarm to be cleared by the operator at the management system.\nReason: cpqDa5PhyDrvThreshPassedTrap		
Remedial action: Replace the physical drive.		

Table 26-1478 IK8752302 - Physical Drive Threshold Passed

Alarm	Attributes	Applicable major releases
Name: IK8752302 (7871) Type: equipmentAlarm (3) Package: Img Raised on class: Img.LMGmngElement	Severity: major Specific problem: Physical Drive Threshold Passed (1454) Implicitly cleared: false Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> LR14.3.MG
Description: Physical Drive Threshold Passed. This alarm signifies that the agent has detected a factory threshold associated with one of the physical drive objects on a drive array has been exceeded.\nAlarm to be cleared by the operator at the management system.\nReason: cpqDa6PhyDrvThreshPassedTrap		
Remedial action: Replace the physical drive.		

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Table 26-1479 IK8752337 - NIC Status Trap

Alarm	Attributes	Applicable major releases
Name: IK8752337 (7872) Type: communicationsAlarm (4) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: NIC Status Trap (1455) Implicitly cleared: true Default probable cause: communicationsSubsystemFailure (915)	<ul style="list-style-type: none"> LR14.3.MG
Description: This alarm will be sent any time the status of a logical adapter changes to the Failed condition. This occurs when the adapter in a single adapter configuration fails, or when the last adapter in a redundant configuration fails. This can be caused by loss of link due to a cable being removed from the adapter or the Hub or Switch. Internal adapter, Hub, or Switch failures can also cause this condition. Alarm is cleared by the system. Reason: cpqNicConnectivityLost		
Remedial action: Check the cables to the adapter and the Hub or Switch. If no cable problems are found, the adapter, Hub, or Switch may need replacement.		

Table 26-1480 IK8752341 - NIC Connectivity Lost Trap

Alarm	Attributes	Applicable major releases
Name: IK8752341 (7873) Type: communicationsAlarm (4) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: NIC Connectivity Lost Trap (1456) Implicitly cleared: true Default probable cause: communicationsSubsystemFailure (915)	<ul style="list-style-type: none"> LR14.3.MG
Description: This alarm will be sent any time the status of a logical adapter changes to the Failed condition. This occurs when the adapter in a single adapter configuration fails, or when the last adapter in a redundant configuration fails. This can be caused by loss of link due to a cable being removed from the adapter or the Hub or Switch. Internal adapter, Hub, or Switch failures can also cause this condition. Alarm is cleared by the system. Reason: cpqNic2ConnectivityLost		
Remedial action: Check the cables to the adapter and the Hub or Switch. If no cable problems are found, the adapter, Hub, or Switch may need replacement.		

Table 26-1481 IK8752343 - NIC Redundancy Reduced Trap

Alarm	Attributes	Applicable major releases
Name: IK8752343 (7874) Type: communicationsAlarm (4) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: NIC Redundancy Reduced Trap (1457) Implicitly cleared: true Default probable cause: communicationsSubsystemFailure (915)	<ul style="list-style-type: none"> LR14.3.MG
Description: This alarm will be sent any time a physical adapter in a logical adapter group changes to the Failed condition, but at least one physical adapter remains in the OK condition.. This can be caused by loss of link due to a cable being removed from the adapter or the Hub or Switch. Internal adapter, Hub, or Switch failures can also cause this condition. Alarm is cleared by the system. Reason: cpqNic2RedundancyReduced		

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Alarm	Attributes	Applicable major releases
Remedial action: Check the cables to the adapter and the Hub or Switch. If no cable problems are found, the adapter, Hub, or Switch may need replacement.		

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Table 26-1482 IK8752347 - NIC Connectivity Lost Trap

Alarm	Attributes	Applicable major releases
Name: IK8752347 (7875) Type: communicationsAlarm (4) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: NIC Connectivity Lost Trap (1456) Implicitly cleared: false Default probable cause: communicationsSubsystemFailure (915)	<ul style="list-style-type: none"> LR14.3.MG
Description: This alarm will be sent any time the status of a logical adapter changes to the Failed condition. This occurs when the adapter in a single adapter configuration fails, or when the last adapter in a redundant configuration fails. This can be caused by loss of link due to a cable being removed from the adapter or the Hub or Switch. Internal adapter, Hub, or Switch failures can also cause this condition. Alarm to be cleared by the operator at the management system. Reason: cpqNic3ConnectivityLost		
Remedial action: Check the cables to the adapter and the Hub or Switch. If no cable problems are found, the adapter, Hub, or Switch may need replacement.		

Table 26-1483 IK8752349 - NIC Redundancy Reduced Trap

Alarm	Attributes	Applicable major releases
Name: IK8752349 (7876) Type: communicationsAlarm (4) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: NIC Redundancy Reduced Trap (1457) Implicitly cleared: true Default probable cause: communicationsSubsystemFailure (915)	<ul style="list-style-type: none"> LR14.3.MG
Description: This alarm will be sent any time a physical adapter in a logical adapter group changes to the Failed condition, but at least one physical adapter remains in the OK condition.. This can be caused by loss of link due to a cable being removed from the adapter or the Hub or Switch. Internal adapter, Hub, or Switch failures can also cause this condition. Alarm is cleared by the system. Reason: cpqNic3RedundancyReduced		
Remedial action: Check the cables to the adapter and the Hub or Switch. If no cable problems are found, the adapter, Hub, or Switch may need replacement.		

Table 26-1484 IK8752360 - Enclosure temperature failed

Alarm	Attributes	Applicable major releases
Name: IK8752360 (7877) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: Enclosure temperature failed (1458) Implicitly cleared: false Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> LR14.3.MG
Description: The enclosure temperature status has been set to failed. This alarm signifies that a enclosure temperature sensor has been tripped indicating an overheat condition.\nAlarm to be cleared by the operator at the management system.\nReason: cpqRackEnclosureTempFailed		
Remedial action: Shutdown the enclosure and possibly the rack as soon as possible. Ensure all fans are working properly and that air flow in the rack has not been blocked.		

Table 26-1485 IK8752363 - Enclosure fan failed

Alarm	Attributes	Applicable major releases
Name: IK8752363 (7878) Type: environmentalAlarm (2) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: Enclosure fan failed (1459) Implicitly cleared: true Default probable cause: coolingFanFailure (651)	<ul style="list-style-type: none"> LR14.3.MG
Description: The enclosure fan status has been set to failed. This alarm signifies that an enclosure fan has failed and no other fans in the redundant fan group are operating. This may result in overheating of the enclosure.\nAlarm is cleared by the system.\nReason: cpqRackEnclosureFanFailed		
Remedial action: Replace the fan as soon as possible.		

Table 26-1486 IK8752368 - Rack power supply failed

Alarm	Attributes	Applicable major releases
Name: IK8752368 (7879) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGmngElement	Severity: critical Specific problem: Rack power supply failed (1460) Implicitly cleared: true Default probable cause: powerProblem (911)	<ul style="list-style-type: none"> LR14.3.MG
Description: The power supply status has been set to failed. This alarm signifies that a power supply has failed.\nAlarm is cleared by the system.\nReason: cpqRackPowerSupplyFailed		
Remedial action: Replace the power supply as soon as possible.		

Table 26-1487 IK8752369 - Rack power supply degraded

Alarm	Attributes	Applicable major releases
Name: IK8752369 (7880) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: Rack power supply degraded (1461) Implicitly cleared: false Default probable cause: powerProblem (911)	<ul style="list-style-type: none"> LR14.3.MG
Description: The power supply status has been set to degraded. This alarm signifies that a power supply has degraded.\nAlarm to be cleared by the operator at the management system.\nReason: cpqRackPowerSupplyDegraded		
Remedial action: Replace the power supply as soon as possible.		

Table 26-1488 IK8752374 - Rack power supply input voltage problem

Alarm	Attributes	Applicable major releases
Name: IK8752374 (7881) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: Rack power supply input voltage problem (1462) Implicitly cleared: false Default probable cause: powerProblem (911)	<ul style="list-style-type: none"> LR14.3.MG
Description: The rack power supply detected an input line voltage problem.\nAlarm to be cleared by the operator at the management system.\nReason: cpqRackPowerSubsystemLineVoltageProblem		
Remedial action: Check the power input for the power supply or replace any failed power supplies as soon as possible.		

Table 26-1489 IK8752375 - Rack power subsystem overload condition

Alarm	Attributes	Applicable major releases
Name: IK8752375 (7882) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: Rack power subsystem overload condition (1463) Implicitly cleared: false Default probable cause: powerProblem (911)	<ul style="list-style-type: none"> LR14.3.MG
Description: The rack power subsystem overload condition.\nAlarm to be cleared by the operator at the management system.\nReason: cpqRackPowerSubsystemOverloadCondition		
Remedial action: Replace any failed power supplies as soon as possible to return the system to a redundant state.		

Table 26-1490 IK8752376 - Server shutdown due to power shedding

Alarm	Attributes	Applicable major releases
Name: IK8752376 (7883) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGmngElement	Severity: critical Specific problem: Server shutdown due to power shedding (1464) Implicitly cleared: false Default probable cause: powerProblem (911)	<ul style="list-style-type: none"> LR14.3.MG
Description: Server shutdown due to power shedding. The server blade was shutdown due to a lack of power. \nAlarm to be cleared by the operator at the management system. \nReason: cpqRackPowerShedAutoShutdown		
Remedial action: Check power connections or add power supplies.		

Table 26-1491 IK8752377 - Server power on prevented to preserve redundancy

Alarm	Attributes	Applicable major releases
Name: IK8752377 (7884) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGmngElement	Severity: critical Specific problem: Server power on prevented to preserve redundancy (1465) Implicitly cleared: false Default probable cause: powerProblem (911)	<ul style="list-style-type: none"> LR14.3.MG
Description: Server power on prevented to preserve redundancy. There is not enough power to power on the server blade and maintain redundancy for the other blades in the enclosure. \nAlarm to be cleared by the operator at the management system. \nReason: cpqRackServerPowerOnFailedNotRedundant		
Remedial action: Check power connections or add power supplies.		

Table 26-1492 IK8752378 - Inadequate power to power on

Alarm	Attributes	Applicable major releases
Name: IK8752378 (7885) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGmngElement	Severity: critical Specific problem: Inadequate power to power on (1466) Implicitly cleared: false Default probable cause: powerProblem (911)	<ul style="list-style-type: none"> LR14.3.MG
Description: Inadequate power to power on. There is not enough power to power on the server blade. \nAlarm to be cleared by the operator at the management system. \nReason: cpqRackServerPowerOnFailedNotEnoughPower		
Remedial action: Check power connections or add power supplies.		

Table 26-1493 IK8752379 - Inadequate power to power on

Alarm	Attributes	Applicable major releases
Name: IK8752379 (7886) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGmngElement	Severity: critical Specific problem: Inadequate power to power on (1466) Implicitly cleared: false Default probable cause: powerProblem (911)	<ul style="list-style-type: none"> LR14.3.MG
Description: Inadequate power to power on. There is not enough power to power on the server blade. The server enclosure micro-controller was not found.\nAlarm to be cleared by the operator at the management system.\nReason: cpqRackServerPowerOnFailedEnclosureNotFound		
Remedial action: Check server enclosure connections or add power supplies.		

Table 26-1494 IK8752380 - Inadequate power to power on

Alarm	Attributes	Applicable major releases
Name: IK8752380 (7887) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGmngElement	Severity: critical Specific problem: Inadequate power to power on (1466) Implicitly cleared: false Default probable cause: powerProblem (911)	<ul style="list-style-type: none"> LR14.3.MG
Description: Inadequate power to power on. There is not enough power to power on the server blade. The power enclosure micro-controller was not found.\nAlarm to be cleared by the operator at the management system.\nReason: cpqRackServerPowerOnFailedPowerChassisNotFound		
Remedial action: Check power enclosure connections or add power supplies.		

Table 26-1495 IK8752382 - Fuse open

Alarm	Attributes	Applicable major releases
Name: IK8752382 (7888) Type: environmentalAlarm (2) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: Fuse open (1467) Implicitly cleared: false Default probable cause: enclosureDoorOpen (900)	<ul style="list-style-type: none"> LR14.3.MG
Description: Fuse open. The fuse has been tripped.\nAlarm to be cleared by the operator at the management system.\nReason: cpqRackFuseOpen		
Remedial action: Check enclosure and / or blade power connections and reset the fuse.		

Table 26-1496 IK8752386 - Power subsystem DC power problem

Alarm	Attributes	Applicable major releases
Name: IK8752386 (7889) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: Power subsystem DC power problem (1468) Implicitly cleared: false Default probable cause: powerProblem (911)	<ul style="list-style-type: none"> LR14.3.MG
Description: Power subsystem DC power problem. There is a power subsystem DC power problem for this power enclosure.\nAlarm to be cleared by the operator at the management system.\nReason: cpqRackPowerChassisDcPowerProblem		
Remedial action: Check the power enclosure and power supplies. Replace any failed or degraded power supplies.		

Table 26-1497 IK8752387 - Power subsystem AC facility input power exceeded

Alarm	Attributes	Applicable major releases
Name: IK8752387 (7890) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: Power subsystem AC facility input power exceeded (1469) Implicitly cleared: false Default probable cause: powerProblem (911)	<ul style="list-style-type: none"> LR14.3.MG
Description: Power subsystem AC facility input power exceeded. There is a power subsystem Power subsystem AC facility input power exceeded for this power enclosure.\nAlarm to be cleared by the operator at the management system.\nReason: cpqRackPowerChassisAcFacilityPowerExceeded		
Remedial action: Check the power enclosure and power supplies. Replace any failed or degraded power supplies.		

Table 26-1498 IK8752388 - Unknown power consumption

Alarm	Attributes	Applicable major releases
Name: IK8752388 (7891) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: Unknown power consumption (1470) Implicitly cleared: false Default probable cause: powerProblem (911)	<ul style="list-style-type: none"> LR14.3.MG
Description: Unknown power consumption. There is an unknown power consumer drawing power.\nAlarm to be cleared by the operator at the management system.\nReason: cpqRackPowerUnknownPowerConsumption		
Remedial action: Check the power enclosure and power supplies. Replace any failed or degraded power supplies.		

Table 26-1499 IK8752391 - Power subsystem improperly configured

Alarm	Attributes	Applicable major releases
Name: IK8752391 (7892) Type: processingErrorAlarm (81) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: Power subsystem improperly configured (1471) Implicitly cleared: false Default probable cause: configurationOrCustomizationError (902)	<ul style="list-style-type: none"> LR14.3.MG
Description: Power subsystem improperly configured. The power subsystem has been improperly configured. \nAlarm to be cleared by the operator at the management system. \nReason: cpqRackPowerChassisConfigError		
Remedial action: Check the cabling of the power enclosure.		

Table 26-1500 IK8752401 - Interconnect failed

Alarm	Attributes	Applicable major releases
Name: IK8752401 (7893) Type: communicationsAlarm (4) Package: lmg Raised on class: lmg.LMGmngElement	Severity: critical Specific problem: Interconnect failed (1472) Implicitly cleared: false Default probable cause: communicationsSubsystemFailure (915)	<ul style="list-style-type: none"> LR14.3.MG
Description: The interconnect status has been set to failed. This alarm signifies that a interconnect has failed. \nAlarm to be cleared by the operator at the management system. \nReason: cpqRackNetConnectorFailed		
Remedial action: Replace the interconnect as soon as possible.		

Table 26-1501 IK8752408 - Server blade health status degraded

Alarm	Attributes	Applicable major releases
Name: IK8752408 (7894) Type: qualityOfServiceAlarm (82) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: Server blade health status degraded (1473) Implicitly cleared: false Default probable cause: performanceDegraded (710)	<ul style="list-style-type: none"> LR14.3.MG
Description: Server blade health status Degraded. The server blade health status has changed to Degraded. \nAlarm to be cleared by the operator at the management system. \nReason: cpqRackServerBladeStatusDegraded		
Remedial action: Check blade server and enclosure SYSLOG.		

Table 26-1502 IK8752409 - Server blade health status critical

Alarm	Attributes	Applicable major releases
Name: IK8752409 (7895) Type: processingErrorAlarm (81) Package: lmg Raised on class: lmg.LMGmngElement	Severity: critical Specific problem: Server blade health status critical (1474) Implicitly cleared: false Default probable cause: applicationSubsystemFailure (689)	<ul style="list-style-type: none"> LR14.3.MG
Description: Server blade health status Critical. The server blade health status has changed to Critical.\nAlarm to be cleared by the operator at the management system.\nReason: cpqRackServerBladeStatusCritical		
Remedial action: Check blade server and enclosure SYSLOG.		

Table 26-1503 IK8752411 - Server blade unexpected shutdown

Alarm	Attributes	Applicable major releases
Name: IK8752411 (7896) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: Server blade unexpected shutdown (1475) Implicitly cleared: false Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> LR14.3.MG
Description: An unexpected shutdown has occurred for this server blade.\nAlarm to be cleared by the operator at the management system.\nReason: cpqRackServerBladeUnexpectedShutdown		
Remedial action: Check blade server and enclosure SYSLOG.		

Table 26-1504 IK8752428 - Generic EAE Major trap

Alarm	Attributes	Applicable major releases
Name: IK8752428 (7897) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: Generic EAE Major trap (1476) Implicitly cleared: false Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> LR14.3.MG
Description: EAE Major trap\nAlarm to be cleared by the operator at the management system.\nReason: cpqRackMajorEAETrap		
Remedial action: If the problem persists, contact Alcatel-Lucent customer support.		

Table 26-1505 IK8752429 - Generic EAE Critical trap

Alarm	Attributes	Applicable major releases
Name: IK8752429 (7898) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGmngElement	Severity: critical Specific problem: Generic EAE Critical trap (1477) Implicitly cleared: false Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> LR14.3.MG
Description: EAE Critical trap\nAlarm to be cleared by the operator at the management system.\nReason: cpqRackCriticalEAETrap		
Remedial action: If the problem persists, contact Alcatel-Lucent customer support.		

Table 26-1506 IK8752431 - Generic Power Subsystem EAE Major trap

Alarm	Attributes	Applicable major releases
Name: IK8752431 (7899) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: Generic Power Subsystem EAE Major trap (1478) Implicitly cleared: false Default probable cause: powerProblem (911)	<ul style="list-style-type: none"> LR14.3.MG
Description: FlexFabric Cmdr Power Subsystem Major trap.\nAlarm to be cleared by the operator at the management system.\nReason: cpqRackPowerMajorEAETrap		
Remedial action: For FlexFabric Cmdr, please refer to product documentation for possible corrective actions.		

Table 26-1507 IK8752432 - Generic Power Subsystem EAE Critical trap

Alarm	Attributes	Applicable major releases
Name: IK8752432 (7900) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGmngElement	Severity: critical Specific problem: Generic Power Subsystem EAE Critical trap (1479) Implicitly cleared: false Default probable cause: powerProblem (911)	<ul style="list-style-type: none"> LR14.3.MG
Description: FlexFabric Cmdr Power Subsystem Critical trap.\nAlarm to be cleared by the operator at the management system.\nReason: cpqRackPowerCriticalEAETrap		
Remedial action: For FlexFabric Cmdr, please refer to product documentation for possible corrective actions.		

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Table 26-1508 IK8752436 - Generic WSMAN Major trap

Alarm	Attributes	Applicable major releases
Name: IK8752436 (7901) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: Generic WSMAN Major trap (1480) Implicitly cleared: false Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> LR14.3.MG
Description: WSMAN Major trap\nReason: cpqRackMajorWSMANTrap		
Remedial action: If the problem persists, contact Alcatel-Lucent customer support.		

Table 26-1509 IK8752437 - Generic WSMAN Critical trap

Alarm	Attributes	Applicable major releases
Name: IK8752437 (7902) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGmngElement	Severity: critical Specific problem: Generic WSMAN Critical trap (1481) Implicitly cleared: false Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> LR14.3.MG
Description: WSMAN Critical trap\nReason: cpqRackCriticalWSMANTrap		
Remedial action: If the problem persists, contact Alcatel-Lucent customer support.		

Table 26-1510 IK8752439 - Standby Recovery Server Interconnect Failure

Alarm	Attributes	Applicable major releases
Name: IK8752439 (7903) Type: communicationsAlarm (4) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: Standby Recovery Server Interconnect Failure (1482) Implicitly cleared: false Default probable cause: communicationsSubsystemFailure (915)	<ul style="list-style-type: none"> LR14.3.MG
Description: Recovery Server serial interconnect failure. The Standby Recovery Agent reports that the local serial interconnect is not connected or has failed. The primary server is being shutdown in anticipation of the startup of the standby server.\nAlarm to be cleared by the operator at the management system.\nReason: cpqRsStandbyCableFailure		
Remedial action: If the problem persists, contact Alcatel-Lucent customer support.		

Table 26-1511 IK8752559 - Critical Alarm

Alarm	Attributes	Applicable major releases
Name: IK8752559 (7904) Type: equipmentAlarm (3) Package: Img Raised on class: Img.LMGmngElement	Severity: critical Specific problem: Critical Alarm (1483) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> LR14.3.MG
Description: A critical alarm has occurred.\nAlarm is cleared by the system.\nReason: cpqPMTrapCritical		
Remedial action: Check the Trap Details for more information.		

Table 26-1512 IK8752609 - Monitor Condition Failed

Alarm	Attributes	Applicable major releases
Name: IK8752609 (7905) Type: processingErrorAlarm (81) Package: Img Raised on class: Img.LMGmngElement	Severity: major Specific problem: Monitor Condition Failed (1484) Implicitly cleared: false Default probable cause: applicationSubsystemFailure (689)	<ul style="list-style-type: none"> LR14.3.MG
Description: A fault reporting feature has exceeded normal limits in the monitor indicated by the cpqSiMonitorIndex. The monitor's condition has been set to failed due to an operational feature exceeding normal operating limits. The monitor will not be useable and should be replaced.\nAlarm to be cleared by the operator at the management system.\nReason: cpqSiMonitorConditionFailed		
Remedial action: Make a note of the monitor model number and serial number. Replace the monitor. Refer to the appropriate Maintenance and Service Guide for detailed information on a component replacement.		

Table 26-1513 IK8752610 - Excessive Correctable Memory Errors

Alarm	Attributes	Applicable major releases
Name: IK8752610 (7906) Type: processingErrorAlarm (81) Package: Img Raised on class: Img.LMGmngElement	Severity: major Specific problem: Excessive Correctable Memory Errors (1485) Implicitly cleared: false Default probable cause: memoryMismatch (680)	<ul style="list-style-type: none"> LR14.3.MG
Description: Correctable memory error count has exceeded the threshold for the memory module indicated by the 'cpqSiMemErrorIndex' variable. The appropriate cpqSiMemModuleECCStatus has been set to degraded.\nAlarm to be cleared by the operator at the management system.\nReason: cpqSiCorrMemErrStatusDegraded		
Remedial action: For Desktops, the System Administrator should run the F10 Diagnostics on this system and select RAM LONG TEST. If it is determined that a module needs replacing, schedule maintenance for the system and replace the failed memory module. Refer to the appropriate Maintenance and Service Guide for detailed information on a component replacement.		

Table 26-1514 IK8752615 - Hot Plug Slot Board Failed

Alarm	Attributes	Applicable major releases
Name: IK8752615 (7907) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: Hot Plug Slot Board Failed (1486) Implicitly cleared: false Default probable cause: powerProblem (911)	<ul style="list-style-type: none"> LR14.3.MG
Description: Hot Plug Slot Board Failed Power-Up. A Hot Plug Slot Board has failed to power-up in the specified chassis and slot.\nAlarm to be cleared by the operator at the management system.\nReason: cpqSiHotPlugSlotPowerUpFailed		
Remedial action: Insure the board and all cables are installed correctly and the board type and revision are the same as the replaced board.		

Table 26-1515 IK8752616 - Battery Failure

Alarm	Attributes	Applicable major releases
Name: IK8752616 (7908) Type: environmentalAlarm (2) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: Battery Failure (235) Implicitly cleared: false Default probable cause: batteryFailure (649)	<ul style="list-style-type: none"> LR14.3.MG
Description: The battery indicated by cpqSiSysBatteryIndex has failed and must be replaced.\nAlarm to be cleared by the operator at the management system.\nReason: cpqSiSysBatteryFailure		
Remedial action: Contact your System Administrator or Authorized Reseller to order a replacement battery. Recycle your old battery. For proper disposal information, refer to the documentation that came with your computer.		

Table 26-1516 IK8752617 - Battery Charging Degradation

Alarm	Attributes	Applicable major releases
Name: IK8752617 (7909) Type: environmentalAlarm (2) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: Battery Charging Degradation (1487) Implicitly cleared: false Default probable cause: lowBatteryThreshold (656)	<ul style="list-style-type: none"> LR14.3.MG
Description: Significant battery degradation has occurred with battery indicated by cpqSiSysBatteryIndex. The battery can no longer be fully recharged.\nAlarm to be cleared by the operator at the management system.\nReason: cpqSiSysBatteryChargingDegraded		
Remedial action: If using multiple batteries, run the Power Conservation Utility to identify the battery location. Contact your System Administrator or Authorized Reseller to order a replacement battery.		

Table 26-1517 IK8752620 - Server Power Outage

Alarm	Attributes	Applicable major releases
Name: IK8752620 (7910) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: Server Power Outage (1488) Implicitly cleared: false Default probable cause: powerProblem (911)	<ul style="list-style-type: none"> LR14.3.MG
Description: Server Power Outage. The Remote Insight/ Integrated Lights-Out firmware has detected server power failure.\nAlarm to be cleared by the operator at the management system.\nReason: cpqSm2ServerPowerOutage		
Remedial action: Check the server's power source.		

Table 26-1518 IK8752622 - Remote Insight Battery Failed

Alarm	Attributes	Applicable major releases
Name: IK8752622 (7911) Type: environmentalAlarm (2) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: Remote Insight Battery Failed (1489) Implicitly cleared: false Default probable cause: batteryFailure (649)	<ul style="list-style-type: none"> LR14.3.MG
Description: Remote Insight Battery Failed. The Remote Insight battery has failed and needs to be replaced.\nAlarm to be cleared by the operator at the management system.\nReason: cpqSm2BatteryFailed		
Remedial action: replace the failing Remote Insight battery.		

Table 26-1519 IK8752628 - Remote Insight external power cable disconnected

Alarm	Attributes	Applicable major releases
Name: IK8752628 (7912) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: Remote Insight external power cable disconnected (1490) Implicitly cleared: false Default probable cause: powerProblem (911)	<ul style="list-style-type: none"> LR14.3.MG
Description: External Power Cable Disconnected. The Remote Insight external power cable has been disconnected.\nAlarm to be cleared by the operator at the management system.\nReason: cpqSm2ExternalPowerCableDisconnected		
Remedial action: check External Power Cable		

Table 26-1520 IK8752632 - Server Fatal Error Detected

Alarm	Attributes	Applicable major releases
Name: IK8752632 (7913) Type: processingErrorAlarm (81) Package: lmg Raised on class: lmg.LMGmngElement	Severity: critical Specific problem: Server Fatal Error Detected (1491) Implicitly cleared: false Default probable cause: softwareError (718)	<ul style="list-style-type: none"> LR14.3.MG
Description: Server Fatal Error Detected. The Remote Insight/ Integrated Lights-Out firmware has detected a server fatal error.\nAlarm to be cleared by the operator at the management system.\nReason: cpqSm2ServerFatalError		
Remedial action: If the problem persists, contact Alcatel-Lucent customer support.		

Table 26-1521 IK8752633 - The iLO NIC Link is Down

Alarm	Attributes	Applicable major releases
Name: IK8752633 (7914) Type: communicationsAlarm (4) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: The iLO NIC Link is Down (1492) Implicitly cleared: true Default probable cause: communicationsSubsystemFailure (915)	<ul style="list-style-type: none"> LR14.3.MG
Description: The iLO NIC Link is Down. The Remote Insight/ Integrated Lights-Out firmware has detected the loss of network link.\nAlarm is cleared by the system.\nReason: cpqSm2NicLinkDown		
Remedial action: Check the network connections for the iLO.		

Table 26-1522 IK8752648 - PC Card Thermal Failure Status

Alarm	Attributes	Applicable major releases
Name: IK8752648 (7915) Type: qualityOfServiceAlarm (82) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: PC Card Thermal Failure Status (1493) Implicitly cleared: false Default probable cause: performanceDegraded (710)	<ul style="list-style-type: none"> LR14.3.MG
Description: This alarm is sent when the PC Card Slot Thermal Sensor threshold has been exceeded for degraded operations thereby causing failed operations. This alarm will be sent when cpqSePCCardStatus transitions from Thermal Degraded (2) to Thermal Failure (3). The manufacturer and product information strings as well as the slot number for the failed PC Card is provided as parameters for this trap.\nAlarm to be cleared by the operator at the management system.\nReason: cpqSePCCardThermalFailure		
Remedial action: If the problem persists, contact Alcatel-Lucent customer support.		

Table 26-1523 IK8752657 - Storage System Temperature Failure

Alarm	Attributes	Applicable major releases
Name: IK8752657 (7916) Type: environmentalAlarm (2) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: Storage System Temperature Failure (1494) Implicitly cleared: false Default probable cause: temperatureUnacceptable (721)	<ul style="list-style-type: none"> LR14.3.MG
Description: Storage System temperature failure. The agent has detected that a temperature status has been set to failed. The storage system will be shutdown.\nAlarm to be cleared by the operator at the management system.\nReason: cpqSsTempFailed		
Remedial action: If the problem persists, contact Alcatel-Lucent customer support.		

Table 26-1524 IK8754762 - linkDown

Alarm	Attributes	Applicable major releases
Name: IK8754762 (7917) Type: communicationsAlarm (4) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: linkDown (1495) Implicitly cleared: true Default probable cause: communicationsSubsystemFailure (915)	<ul style="list-style-type: none"> LR14.3.MG
Description: A linkDown alarm signifies that the SNMP entity, acting in an agent role, has detected that the ifOperStatus object for one of its communication links is about to enter the down state from some other state (but not from the notPresent state). This other state is indicated by the included value of ifOperStatus.\nAlarm is cleared by the system.\nReason: linkDown		
Remedial action: If the problem persists, contact Alcatel-Lucent customer support.		

Table 26-1525 IK8802753 - CPU temperature is too high

Alarm	Attributes	Applicable major releases
Name: IK8802753 (7918) Type: environmentalAlarm (2) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: CPU temperature is too high (1825) Implicitly cleared: false Default probable cause: highTemperature (667)	<ul style="list-style-type: none"> LR14.3.MG
Description: CPU temperature is too high.\nAlarm to be cleared by the operator at the management system.\nReason: bigipCpuTempHigh		
Remedial action: If the problem persists, contact Alcatel-Lucent customer support.		

Table 26-1526 IK8802755 - CPU fan speed signal not received

Alarm	Attributes	Applicable major releases
Name: IK8802755 (7919) Type: environmentalAlarm (2) Package: lmg Raised on class: lmg.LMGMngElement	Severity: major Specific problem: CPU fan speed signal not received (1826) Implicitly cleared: false Default probable cause: coolingFanFailure (651)	<ul style="list-style-type: none"> LR14.3.MG
Description: CPU fan speed signal not received.\nAlarm to be cleared by the operator at the management system.\nReason: bigipCpuFanSpeedBad		
Remedial action: check the CPU fan		

Table 26-1527 IK8802756 - Chassis temperature is too high

Alarm	Attributes	Applicable major releases
Name: IK8802756 (7920) Type: environmentalAlarm (2) Package: lmg Raised on class: lmg.LMGMngElement	Severity: major Specific problem: Chassis temperature is too high (1827) Implicitly cleared: false Default probable cause: highTemperature (667)	<ul style="list-style-type: none"> LR14.3.MG
Description: Chassis temperature is too high.\nAlarm to be cleared by the operator at the management system.\nReason: bigipChassisTempHigh		
Remedial action: If the problem persists, contact Alcatel-Lucent customer support.		

Table 26-1528 IK8802758 - Chassis power supply status is bad

Alarm	Attributes	Applicable major releases
Name: IK8802758 (7921) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGMngElement	Severity: major Specific problem: Chassis power supply status is bad (1828) Implicitly cleared: false Default probable cause: powerProblem (911)	<ul style="list-style-type: none"> LR14.3.MG
Description: Chassis power supply status is bad.\nAlarm to be cleared by the operator at the management system.\nReason: bigipChassisPowerSupplyBad		
Remedial action: check the Chassis power supply		

Table 26-1529 IK8802759 - A service is detected DOWN

Alarm	Attributes	Applicable major releases
Name: IK8802759 (7922) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: A service is detected DOWN (1829) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> LR14.3.MG
Description: A service is detected DOWN.\nAlarm is cleared by the system.\nReason: bigipServiceDown		
Remedial action: If the problem persists, contact Alcatel-Lucent customer support.		

Table 26-1530 IK8802761 - A node is detected DOWN

Alarm	Attributes	Applicable major releases
Name: IK8802761 (7923) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: A node is detected DOWN (1830) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> LR14.3.MG
Description: A node is detected DOWN.\nAlarm is cleared by the system.\nReason: bigipNodeDown		
Remedial action: If the problem persists, contact Alcatel-Lucent customer support.		

Table 26-1531 IK8802778 - The system is in an unusable situation

Alarm	Attributes	Applicable major releases
Name: IK8802778 (7924) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGmngElement	Severity: critical Specific problem: The system is in an unusable situation (1831) Implicitly cleared: false Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> LR14.3.MG
Description: The system is in an unusable situation.\nAlarm to be cleared by the operator at the management system.\nReason: bigipLogEmerg		
Remedial action: If the problem persists, contact Alcatel-Lucent customer support.		

Table 26-1532 IK8802779 - bigipLogAlert

Alarm	Attributes	Applicable major releases
Name: IK8802779 (7925) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: bigipLogAlert (1832) Implicitly cleared: false Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> LR14.3.MG
Description: Action must be taken immediately for the system to work properly.\nAlarm to be cleared by the operator at the management system.\nReason: bigipLogAlert		
Remedial action: If the problem persists, contact Alcatel-Lucent customer support.		

Table 26-1533 IK8802780 - The system is in a critical condition

Alarm	Attributes	Applicable major releases
Name: IK8802780 (7926) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGmngElement	Severity: critical Specific problem: The system is in a critical condition (1833) Implicitly cleared: false Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> LR14.3.MG
Description: The system is in a critical condition.\nAlarm to be cleared by the operator at the management system.\nReason: bigipLogCrit		
Remedial action: If the problem persists, contact Alcatel-Lucent customer support.		

Table 26-1534 IK8802787 - bigipAsmRequestBlocked

Alarm	Attributes	Applicable major releases
Name: IK8802787 (7927) Type: processingErrorAlarm (81) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: bigipAsmRequestBlocked (1834) Implicitly cleared: false Default probable cause: applicationSubsystemFailure (689)	<ul style="list-style-type: none"> LR14.3.MG
Description: The HTTP request was blocked because it issued (at least one) violation(s) which is marked as blocking at the current active policy in Application Security Module.\nAlarm to be cleared by the operator at the management system.\nReason: bigipAsmRequestBlocked		
Remedial action: If the problem persists, contact Alcatel-Lucent customer support.		

Table 26-1535 IK8802788 - bigipAsmRequestViolation

Alarm	Attributes	Applicable major releases
Name: IK8802788 (7928) Type: processingErrorAlarm (81) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: bigipAsmRequestViolation (1835) Implicitly cleared: false Default probable cause: applicationSubsystemFailure (689)	<ul style="list-style-type: none"> LR14.3.MG
Description: The HTTP request issued a violation to the current active policy. This violation is marked as an alerting violation in that policy in Application Security Module. Alarm to be cleared by the operator at the management system. Reason: bigipAsmRequestViolation		
Remedial action: If the problem persists, contact Alcatel-Lucent customer support.		

Table 26-1536 IK8802806 - bigipGtmServerNotAvail

Alarm	Attributes	Applicable major releases
Name: IK8802806 (7929) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: bigipGtmServerNotAvail (1836) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> LR14.3.MG
Description: A server is becoming unavailable in global traffic management module. Alarm is cleared by the system. Reason: bigipGtmServerNotAvail		
Remedial action: Check the server		

Table 26-1537 IK8802827 - bigipGtmBoxNotAvail

Alarm	Attributes	Applicable major releases
Name: IK8802827 (7930) Type: communicationsAlarm (4) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: bigipGtmBoxNotAvail (1837) Implicitly cleared: true Default probable cause: communicationsSubsystemFailure (915)	<ul style="list-style-type: none"> LR14.3.MG
Description: A gtm machine (which equates to an iquery connect to a gtm machine) has gone DOWN Alarm is cleared by the system. Reason: bigipGtmBoxNotAvail		
Remedial action: If the problem persists, contact Alcatel-Lucent customer support.		

Table 26-1538 IK8802828 - bigipAsmFtpRequestBlocked

Alarm	Attributes	Applicable major releases
Name: IK8802828 (7931) Type: processingErrorAlarm (81) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: bigipAsmFtpRequestBlocked (1838) Implicitly cleared: false Default probable cause: applicationSubsystemFailure (689)	<ul style="list-style-type: none"> LR14.3.MG
Description: The FTP request was blocked because it issued (at least one) violation(s) which is marked as blocking at the current active policy in Application Security Module. \nAlarm to be cleared by the operator at the management system. \nReason: bigipAsmFtpRequestBlocked		
Remedial action: If the problem persists, contact Alcatel-Lucent customer support.		

Table 26-1539 IK8802829 - bigipAsmFtpRequestViolation

Alarm	Attributes	Applicable major releases
Name: IK8802829 (7932) Type: processingErrorAlarm (81) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: bigipAsmFtpRequestViolation (1839) Implicitly cleared: false Default probable cause: applicationSubsystemFailure (689)	<ul style="list-style-type: none"> LR14.3.MG
Description: The FTP request issued a violation to the current active policy. This violation is marked as an alerting violation in that policy in Application Security Module. \nAlarm to be cleared by the operator at the management system. \nReason: bigipAsmFtpRequestViolation		
Remedial action: If the problem persists, contact Alcatel-Lucent customer support.		

Table 26-1540 IK8802834 - bigipAsmSmtRequestBlocked

Alarm	Attributes	Applicable major releases
Name: IK8802834 (7933) Type: processingErrorAlarm (81) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: bigipAsmSmtRequestBlocked (1840) Implicitly cleared: false Default probable cause: applicationSubsystemFailure (689)	<ul style="list-style-type: none"> LR14.3.MG
Description: The SMTP request was blocked because it issued (at least one) violation(s) which is marked as blocking at the current active policy in Application Security Module. \nAlarm to be cleared by the operator at the management system. \nReason: bigipAsmSmtRequestBlocked		
Remedial action: If the problem persists, contact Alcatel-Lucent customer support.		

Table 26-1541 IK8802835 - bigipAsmSmtRequestViolation

Alarm	Attributes	Applicable major releases
Name: IK8802835 (7934) Type: processingErrorAlarm (81) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: bigipAsmSmtRequestViolation (1841) Implicitly cleared: false Default probable cause: applicationSubsystemFailure (689)	<ul style="list-style-type: none"> LR14.3.MG
Description: The SMTP request issued a violation to the current active policy. This violation is marked as an alerting violation in that policy in Application Security Module. Alarm to be cleared by the operator at the management system. Reason: bigipAsmSmtRequestViolation		
Remedial action: If the problem persists, contact Alcatel-Lucent customer support.		

Table 26-1542 IK8802836 - Blade temperature is too high

Alarm	Attributes	Applicable major releases
Name: IK8802836 (7935) Type: environmentalAlarm (2) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: Blade temperature is too high (1842) Implicitly cleared: false Default probable cause: highTemperature (667)	<ul style="list-style-type: none"> LR14.3.MG
Description: Blade temperature is too high. Alarm to be cleared by the operator at the management system. Reason: bigipBladeTempHigh		
Remedial action: If the problem persists, contact Alcatel-Lucent customer support.		

Table 26-1543 IK8802837 - A blade lost power

Alarm	Attributes	Applicable major releases
Name: IK8802837 (7936) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: A blade lost power (1843) Implicitly cleared: false Default probable cause: powerProblem (911)	<ul style="list-style-type: none"> LR14.3.MG
Description: A blade lost power. The blade may be pulled out Alarm to be cleared by the operator at the management system. Reason: bigipBladeNoPower		
Remedial action: Check the Power of the blade		

Table 26-1544 IK8802839 - offline

Alarm	Attributes	Applicable major releases
Name: IK8802839 (7937) Type: equipmentAlarm (3) Package: Img Raised on class: Img.LMGElement	Severity: major Specific problem: offline (1844) Implicitly cleared: false Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> LR14.3.MG
Description: A blade has failed - offline.\nAlarm to be cleared by the operator at the management system.\nReason: bigipBladeOffline		
Remedial action: Replace the blade		

Table 26-1545 IK8802841 - Brute force attack detected by Application Security Module

Alarm	Attributes	Applicable major releases
Name: IK8802841 (7938) Type: processingErrorAlarm (81) Package: Img Raised on class: Img.LMGElement	Severity: major Specific problem: Brute force attack detected by Application Security Module (1845) Implicitly cleared: false Default probable cause: applicationSubsystemFailure (689)	<ul style="list-style-type: none"> LR14.3.MG
Description: Brute force attack detected by Application Security Module.\nAlarm to be cleared by the operator at the management system.\nReason: bigipAsmBruteForceAttackDetected		
Remedial action: If the problem persists, contact Alcatel-Lucent customer support.		

Table 26-1546 IK8802842 - AOM reports the air temperature near the host CPU too high

Alarm	Attributes	Applicable major releases
Name: IK8802842 (7939) Type: environmentalAlarm (2) Package: Img Raised on class: Img.LMGElement	Severity: major Specific problem: AOM reports the air temperature near the host CPU too high (1846) Implicitly cleared: false Default probable cause: highTemperature (667)	<ul style="list-style-type: none"> LR14.3.MG
Description: AOM reports the air temperature near the host CPU too high.\nAlarm to be cleared by the operator at the management system.\nReason: bigipAomCpuTempTooHigh		
Remedial action: If the problem persists, contact Alcatel-Lucent customer support.		

Table 26-1547 IK8802845 - Disk failure in a RAID disk array

Alarm	Attributes	Applicable major releases
Name: IK8802845 (7940) Type: processingErrorAlarm (81) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: Disk failure in a RAID disk array (1847) Implicitly cleared: false Default probable cause: storageCapacityProblem (679)	<ul style="list-style-type: none"> LR14.3.MG
Description: Disk failure in a RAID disk array.\nAlarm to be cleared by the operator at the management system.\nReason: bigipRaidDiskFailure		
Remedial action: If the problem persists, contact Alcatel-Lucent customer support.		

Table 26-1548 IK8802857 - A VCMP guest is powered off

Alarm	Attributes	Applicable major releases
Name: IK8802857 (7941) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: A VCMP guest is powered off (1848) Implicitly cleared: true Default probable cause: powerProblem (911)	<ul style="list-style-type: none"> LR14.3.MG
Description: A VCMP guest is powered off.\nAlarm is cleared by the system.\nReason: bigipVcmpAlertsVcmpPowerOff		
Remedial action: Check the VCMP guest		

Table 26-1549 IK8802858 - A VCMP guest heartbeat is lost

Alarm	Attributes	Applicable major releases
Name: IK8802858 (7942) Type: communicationsAlarm (4) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: A VCMP guest heartbeat is lost (1849) Implicitly cleared: true Default probable cause: communicationsSubsystemFailure (915)	<ul style="list-style-type: none"> LR14.3.MG
Description: A VCMP guest heartbeat is lost.\nAlarm is cleared by the system.\nReason: bigipVcmpAlertsVcmpHBLost		
Remedial action: Check the VCMP guest		

Table 26-1550 IK8802862 - Temperature is too high

Alarm	Attributes	Applicable major releases
Name: IK8802862 (7943) Type: environmentalAlarm (2) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: Temperature is too high (1850) Implicitly cleared: false Default probable cause: highTemperature (667)	<ul style="list-style-type: none"> LR14.3.MG
Description: Temperature is too high.\nAlarm to be cleared by the operator at the management system.\nReason: bigipSystemCheckAlertTempHigh		
Remedial action: If the problem persists, contact Alcatel-Lucent customer support.		

Table 26-1551 IK8802863 - Voltage is too high

Alarm	Attributes	Applicable major releases
Name: IK8802863 (7944) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: Voltage is too high (1851) Implicitly cleared: false Default probable cause: powerProblem (911)	<ul style="list-style-type: none"> LR14.3.MG
Description: Voltage is too high.\nAlarm to be cleared by the operator at the management system.\nReason: bigipSystemCheckAlertVoltageHigh		
Remedial action: If the problem persists, contact Alcatel-Lucent customer support.		

Table 26-1552 IK8802869 - Blade hardware sensor indicated critical alarm

Alarm	Attributes	Applicable major releases
Name: IK8802869 (7945) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGmngElement	Severity: critical Specific problem: Blade hardware sensor indicated critical alarm (1852) Implicitly cleared: false Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> LR14.3.MG
Description: Blade hardware sensor indicated critical alarm.\nAlarm to be cleared by the operator at the management system.\nReason: bigipLibhalSensorAlarmCritical		
Remedial action: If the problem persists, contact Alcatel-Lucent customer support.		

Table 26-1553 IK8802872 - Voltage is too low

Alarm	Attributes	Applicable major releases
Name: IK8802872 (7946) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: Voltage is too low (1853) Implicitly cleared: false Default probable cause: powerProblem (911)	<ul style="list-style-type: none"> LR14.3.MG
Description: Voltage is too low.\nAlarm to be cleared by the operator at the management system.\nReason: bigipSystemCheckAlertVoltageLow		
Remedial action: If the problem persists, contact Alcatel-Lucent customer support.		

Table 26-1554 IK8802873 - Voltage is too high

Alarm	Attributes	Applicable major releases
Name: IK8802873 (7947) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: Voltage is too high (1851) Implicitly cleared: false Default probable cause: powerProblem (911)	<ul style="list-style-type: none"> LR14.3.MG
Description: Milli-Voltage is too high.\nAlarm to be cleared by the operator at the management system.\nReason: bigipSystemCheckAlertMilliVoltageHigh		
Remedial action: If the problem persists, contact Alcatel-Lucent customer support.		

Table 26-1555 IK8802875 - Power is too high

Alarm	Attributes	Applicable major releases
Name: IK8802875 (7948) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: Power is too high (1854) Implicitly cleared: false Default probable cause: powerProblem (911)	<ul style="list-style-type: none"> LR14.3.MG
Description: Power is too high.\nAlarm to be cleared by the operator at the management system.\nReason: bigipSystemCheckAlertPowerHigh		
Remedial action: check the power		

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Table 26-1556 IK8802876 - Voltage is too low

Alarm	Attributes	Applicable major releases
Name: IK8802876 (7949) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: Voltage is too low (1853) Implicitly cleared: false Default probable cause: powerProblem (911)	<ul style="list-style-type: none"> LR14.3.MG
Description: Milli-Voltage is too low.\nAlarm to be cleared by the operator at the management system.\nReason: bigipSystemCheckAlertMilliVltageLow		
Remedial action: If the problem persists, contact Alcatel-Lucent customer support.		

Table 26-1557 IK8802878 - Power is too low

Alarm	Attributes	Applicable major releases
Name: IK8802878 (7950) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: Power is too low (1855) Implicitly cleared: false Default probable cause: powerProblem (911)	<ul style="list-style-type: none"> LR14.3.MG
Description: Power is too low.\nAlarm to be cleared by the operator at the management system.\nReason: bigipSystemCheckAlertPowerLow		
Remedial action: check the power		

Table 26-1558 IK8802886 - Software installation has failed

Alarm	Attributes	Applicable major releases
Name: IK8802886 (7951) Type: processingErrorAlarm (81) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: Software installation has failed (1856) Implicitly cleared: true Default probable cause: softwareProgramError (720)	<ul style="list-style-type: none"> LR14.3.MG
Description: Software installation has failed.\nAlarm is cleared by the system.\nReason: emSoftwareInstallFailed		
Remedial action: If the problem persists, contact Alcatel-Lucent customer support.		

Table 26-1559 IK8802887 - A device clock is out of sync with EM

Alarm	Attributes	Applicable major releases
Name: IK8802887 (7952) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: A device clock is out of sync with EM (1857) Implicitly cleared: false Default probable cause: timingProblem (903)	<ul style="list-style-type: none"> LR14.3.MG
Description: A device clock is out of sync with EM.\nAlarm to be cleared by the operator at the management system.\nReason: emDeviceClockSkew		
Remedial action: If the problem persists, contact Alcatel-Lucent customer support.		

Table 26-1560 IK8802889 - The system memory is exceeding configured usage limits

Alarm	Attributes	Applicable major releases
Name: IK8802889 (7953) Type: processingErrorAlarm (81) Package: lmg Raised on class: lmg.LMGmngElement	Severity: critical Specific problem: The system memory is exceeding configured usage limits (1858) Implicitly cleared: false Default probable cause: memoryMismatch (680)	<ul style="list-style-type: none"> LR14.3.MG
Description: The system memory is exceeding configured usage limits.\nAlarm to be cleared by the operator at the management system.\nReason: emMemoryUsage		
Remedial action: If the problem persists, contact Alcatel-Lucent customer support.		

Table 26-1561 IK8802892 - The cpu is exceeding configured usage limits

Alarm	Attributes	Applicable major releases
Name: IK8802892 (7954) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGmngElement	Severity: critical Specific problem: The cpu is exceeding configured usage limits (1859) Implicitly cleared: false Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> LR14.3.MG
Description: The cpu is exceeding configured usage limits.\nAlarm to be cleared by the operator at the management system.\nReason: emCpuUsage		
Remedial action: If the problem persists, contact Alcatel-Lucent customer support.		

Table 26-1562 IK8802898 - The system RAID drive failure has been detected

Alarm	Attributes	Applicable major releases
Name: IK8802898 (7955) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGmngElement	Severity: critical Specific problem: The system RAID drive failure has been detected (1860) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> LR14.3.MG
Description: The system RAID drive failure has been detected.\nAlarm is cleared by the system.\nReason: emRaidDriveFailureDetected		
Remedial action: chzck the system RAID drive		

Table 26-1563 IK8802900 - EM HA Sync has failed

Alarm	Attributes	Applicable major releases
Name: IK8802900 (7956) Type: processingErrorAlarm (81) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: EM HA Sync has failed (1861) Implicitly cleared: false Default probable cause: applicationSubsystemFailure (689)	<ul style="list-style-type: none"> LR14.3.MG
Description: EM HA Sync has failed.\nAlarm to be cleared by the operator at the management system.\nReason: emHaSyncFailed		
Remedial action: If the problem persists, contact Alcatel-Lucent customer support.		

Table 26-1564 IK8802905 - emPerformanceStorageDays

Alarm	Attributes	Applicable major releases
Name: IK8802905 (7957) Type: processingErrorAlarm (81) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: emPerformanceStorageDays (1862) Implicitly cleared: true Default probable cause: applicationSubsystemFailure (689)	<ul style="list-style-type: none"> LR14.3.MG
Description: Performance storage capacity is about to fall below configured number of days.\nAlarm is cleared by the system.\nReason: emPerformanceStorageDays		
Remedial action: If the problem persists, contact Alcatel-Lucent customer support.		

Table 26-1565 IK8802908 - Scheduled performance data backup has failed

Alarm	Attributes	Applicable major releases
Name: IK8802908 (7958) Type: processingErrorAlarm (81) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: Scheduled performance data backup has failed (1863) Implicitly cleared: false Default probable cause: applicationSubsystemFailure (689)	<ul style="list-style-type: none"> LR14.3.MG
Description: Scheduled performance data backup has failed.\nAlarm to be cleared by the operator at the management system.\nReason: emSchedBackupFailed		
Remedial action: If the problem persists, contact Alcatel-Lucent customer support.		

Table 26-1566 IK8900982 - Cluster Node Failed

Alarm	Attributes	Applicable major releases
Name: IK8900982 (8288) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: Cluster Node Failed (1428) Implicitly cleared: false Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> LR14.3.MG
Description: This alarm will be sent any time the condition of a node in the cluster becomes failed.\nAlarm to be cleared by the operator at the management system.\nReason: cpqClusterNodeFailed		
Remedial action: Make a note of the cluster node name then check the node for the cause of the failure.		

Table 26-1567 IK8900984 - Cluster Resource Failed

Alarm	Attributes	Applicable major releases
Name: IK8900984 (8289) Type: processingErrorAlarm (81) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: Cluster Resource Failed (1429) Implicitly cleared: false Default probable cause: underlyingResourceUnavailable (724)	<ul style="list-style-type: none"> LR14.3.MG
Description: This alarm will be sent any time the condition of a cluster resource becomes failed.\nAlarm to be cleared by the operator at the management system.\nReason: cpqClusterResourceFailed		
Remedial action: Make a note of the cluster resource name then check the resource for the cause of the failure.		

Table 26-1568 IK8900986 - Cluster Network Failed

Alarm	Attributes	Applicable major releases
Name: IK8900986 (8290) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: Cluster Network Failed (1430) Implicitly cleared: false Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> LR14.3.MG
Description: This alarm will be sent any time the condition of a cluster network becomes failed. Alarm to be cleared by the operator at the management system. Reason: cpqClusterNetworkFailed		
Remedial action: Make a note of the cluster network name then check the network for the cause of the failure.		

Table 26-1569 IK8901008 - The primary controller in the subsystem has failed

Alarm	Attributes	Applicable major releases
Name: IK8901008 (8291) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: The primary controller in the subsystem has failed (1431) Implicitly cleared: false Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> LR14.3.MG
Description: The primary controller in the subsystem has failed. Details: The primary Controller has failed. Alarm to be cleared by the operator at the management system. Reason: cpqCrController1FailureTrap		
Remedial action: Replace controller. Possible causes are controller physically removed, actual hardware failure.		

Table 26-1570 IK8901010 - The secondary controller in the subsystem has failed

Alarm	Attributes	Applicable major releases
Name: IK8901010 (8292) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: The secondary controller in the subsystem has failed (1432) Implicitly cleared: false Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> LR14.3.MG
Description: The secondary controller in the subsystem has failed. Details: The secondary controller has failed. Alarm to be cleared by the operator at the management system. Reason: cpqCrController2FailureTrap		
Remedial action: Replace controller. Possible causes are controller physically removed, actual hardware failure.		

Table 26-1571 IK8901013 - A RAIDset has failed

Alarm	Attributes	Applicable major releases
Name: IK8901013 (8293) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: A RAIDset has failed (1433) Implicitly cleared: false Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> LR14.3.MG
Description: A RAIDset has failed. Details: The RAIDset has failed and is off-line.\nAlarm to be cleared by the operator at the management system.\nReason: cpqCrLogDriveFailureTrap		
Remedial action: Possible cause is too many failed disk drives that make up the RAIDset, the OS can no longer communicate with the RAIDset for other reasons.		

Table 26-1572 IK8901018 - A disk drive has failed

Alarm	Attributes	Applicable major releases
Name: IK8901018 (8294) Type: processingErrorAlarm (81) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: A disk drive has failed (1434) Implicitly cleared: true Default probable cause: storageCapacityProblem (679)	<ul style="list-style-type: none"> LR14.3.MG
Description: A disk drive has failed. Details: A disk device has failed.\nAlarm is cleared by the system.\nReason: cpqCrDiskFailureTrap		
Remedial action: Replace the disk device.		

Table 26-1573 IK8901023 - A disk drive has failed

Alarm	Attributes	Applicable major releases
Name: IK8901023 (8295) Type: processingErrorAlarm (81) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: A disk drive has failed (1434) Implicitly cleared: false Default probable cause: storageCapacityProblem (679)	<ul style="list-style-type: none"> LR14.3.MG
Description: A disk drive has failed. Details: A disk device has failed.\nAlarm to be cleared by the operator at the management system.\nReason: cpqCrPhyDiskFailureTrap		
Remedial action: Replace the disk device.		

Table 26-1574 IK8901030 - Power supply has failed

Alarm	Attributes	Applicable major releases
Name: IK8901030 (8296) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGMngElement	Severity: major Specific problem: Power supply has failed (1435) Implicitly cleared: true Default probable cause: powerProblem (911)	<ul style="list-style-type: none"> LR14.3.MG
Description: Power supply has failed. Details: One of the power supplies in the primary enclosure has failed.\nAlarm is cleared by the system.\nReason: cpqCrEMUPowerSupplyFailureTrap		
Remedial action: Replace the power supply. Possible causes are power supply physically removed, power cord unplugged, actual hardware failure.		

Table 26-1575 IK8901033 - Primary enclosure temperature critical!

Alarm	Attributes	Applicable major releases
Name: IK8901033 (8297) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGMngElement	Severity: critical Specific problem: Primary enclosure temperature critical! (1436) Implicitly cleared: false Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> LR14.3.MG
Description: Primary enclosure temperature critical!. Details: The temperature in the primary enclosure has triggered a critical condition detected by the controller.\nAlarm to be cleared by the operator at the management system.\nReason: cpqCrEMUTemperatureCriticalTrap		
Remedial action: Check the cooling fans in the primary enclosure.		

Table 26-1576 IK8901037 - Power supply has failed

Alarm	Attributes	Applicable major releases
Name: IK8901037 (8298) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGMngElement	Severity: major Specific problem: Power supply has failed (1435) Implicitly cleared: true Default probable cause: powerProblem (911)	<ul style="list-style-type: none"> LR14.3.MG
Description: Power supply has failed. Details: One of the power supplies in the expansion cabinet has failed.\nAlarm is cleared by the system.\nReason: cpqCrExpCabPowerSupplyFailureTrap		
Remedial action: Replace the power supply. Possible causes are power supply physically removed, power cord unplugged, actual hardware failure.		

Table 26-1577 IK8901040 - cpqCrExpCabTemperatureCriticalTrap

Alarm	Attributes	Applicable major releases
Name: IK8901040 (8299) Type: environmentalAlarm (2) Package: lmg Raised on class: lmg.LMGmngElement	Severity: critical Specific problem: cpqCrExpCabTemperatureCriticalTrap (1437) Implicitly cleared: false Default probable cause: temperatureUnacceptable (721)	<ul style="list-style-type: none"> LR14.3.MG
Description: Expansion cabinet temperature critical! Details: The temperature in the expansion cabinet has triggered a critical condition detected by the controller.\nAlarm to be cleared by the operator at the management system.\nReason: cpqCrExpCabTemperatureCriticalTrap		
Remedial action: Check the cooling fans in the expansion cabinet.		

Table 26-1578 IK8901060 - External Array Accelerator Board Battery Failed

Alarm	Attributes	Applicable major releases
Name: IK8901060 (8300) Type: environmentalAlarm (2) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: External Array Accelerator Board Battery Failed (1438) Implicitly cleared: false Default probable cause: batteryFailure (649)	<ul style="list-style-type: none"> LR14.3.MG
Description: External Array Accelerator Board Battery Failed. This alarm signifies that the agent has detected a battery failure associated with the Array Accelerator Cache Board.\nAlarm to be cleared by the operator at the management system.\nReason: cpqFcaAccelBatteryFailed		
Remedial action: Replace the Accelerator Cache Board.		

Table 26-1579 IK8901073 - External Array Accelerator Board Battery Failed

Alarm	Attributes	Applicable major releases
Name: IK8901073 (8301) Type: environmentalAlarm (2) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: External Array Accelerator Board Battery Failed (1438) Implicitly cleared: false Default probable cause: batteryFailure (649)	<ul style="list-style-type: none"> LR14.3.MG
Description: External Array Accelerator Board Battery Failed. This alarm signifies that the agent has detected a battery failure associated with the Array Accelerator Cache Board.\nAlarm to be cleared by the operator at the management system.\nReason: cpqFca2AccelBatteryFailed		
Remedial action: Replace the Accelerator Cache Board.		

Table 26-1580 IK8901098 - POST Errors Occurred

Alarm	Attributes	Applicable major releases
Name: IK8901098 (8302) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: POST Errors Occurred (1439) Implicitly cleared: false Default probable cause: powerProblem (911)	<ul style="list-style-type: none"> LR14.3.MG
Description: One or more POST errors occurred. Power On Self-Test (POST) errors occur during the server restart process.\nAlarm to be cleared by the operator at the management system.\nReason: cpqHePostError		
Remedial action: Refer to the Integrated Management Log for details on the POST error.		

Table 26-1581 IK8901102 - Thermal Failure

Alarm	Attributes	Applicable major releases
Name: IK8901102 (8303) Type: environmentalAlarm (2) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: Thermal Failure (1440) Implicitly cleared: false Default probable cause: temperatureUnacceptable (721)	<ul style="list-style-type: none"> LR14.3.MG
Description: The temperature status has been set to failed. The system will be shutdown due to this thermal condition.\nAlarm to be cleared by the operator at the management system.\nReason: cpqHe3ThermalTempFailed		
Remedial action: Check the system for hardware failures and verify the environment is properly cooled.		

Table 26-1582 IK8901105 - System Fan Failure

Alarm	Attributes	Applicable major releases
Name: IK8901105 (8304) Type: environmentalAlarm (2) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: System Fan Failure (1441) Implicitly cleared: true Default probable cause: coolingFanFailure (651)	<ul style="list-style-type: none"> LR14.3.MG
Description: The system fan status has been set to failed. A required system fan is not operating normally. The system will be shutdown if the cpqHeThermalDegradedAction variable is set to shutdown(3).\nAlarm is cleared by the system.\nReason: cpqHe3ThermalSystemFanFailed		
Remedial action: Replace the failed fan.		

Table 26-1583 IK8901112 - POST Errors Occurred

Alarm	Attributes	Applicable major releases
Name: IK8901112 (8305) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: POST Errors Occurred (1439) Implicitly cleared: false Default probable cause: powerProblem (911)	<ul style="list-style-type: none"> LR14.3.MG
Description: One or more POST errors occurred. Power On Self-Test (POST) errors occur during the server restart process. Details of the POST error messages can be found in Integrated Management Log\nAlarm to be cleared by the operator at the management system.\nReason: cpqHe3PostError		
Remedial action: Refer to the Integrated Management Log for details on the POST error.		

Table 26-1584 IK8901116 - Power Supply Failed

Alarm	Attributes	Applicable major releases
Name: IK8901116 (8306) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: Power Supply Failed (1442) Implicitly cleared: true Default probable cause: powerProblem (911)	<ul style="list-style-type: none"> LR14.3.MG
Description: The fault tolerant power supply condition has been set to failed for the specified chassis and bay location.\nAlarm is cleared by the system.\nReason: cpqHe3FitToPowerSupplyFailed		
Remedial action: If the problem persists, contact Alcatel-Lucent customer support.		

Table 26-1585 IK8901121 - Fan Failed

Alarm	Attributes	Applicable major releases
Name: IK8901121 (8307) Type: environmentalAlarm (2) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: Fan Failed (1443) Implicitly cleared: true Default probable cause: coolingFanFailure (651)	<ul style="list-style-type: none"> LR14.3.MG
Description: The Fault Tolerant Fan condition has been set to failed for the specified chassis and fan.\nAlarm is cleared by the system.\nReason: cpqHe3FitToFanFailed		
Remedial action: Replace the failed fan.		

Table 26-1586 IK8901125 - Thermal Failure

Alarm	Attributes	Applicable major releases
Name: IK8901125 (8308) Type: environmentalAlarm (2) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: Thermal Failure (1440) Implicitly cleared: false Default probable cause: temperatureUnacceptable (721)	<ul style="list-style-type: none"> LR14.3.MG
Description: The temperature status has been set to failed in the specified chassis and location. The system will be shutdown due to this condition.\nAlarm to be cleared by the operator at the management system.\nReason: cpqHe3TemperatureFailed		
Remedial action: Check the system for hardware failures and verify the environment is properly cooled.		

Table 26-1587 IK8901129 - Power Converter Failed

Alarm	Attributes	Applicable major releases
Name: IK8901129 (8309) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: Power Converter Failed (1444) Implicitly cleared: false Default probable cause: powerProblem (911)	<ul style="list-style-type: none"> LR14.3.MG
Description: The DC-DC Power Converter condition has been set to failed for the specified chassis, slot and socket.\nAlarm to be cleared by the operator at the management system.\nReason: cpqHe3PowerConverterFailed		
Remedial action: Replace the failed power converter.		

Table 26-1588 IK8901135 - Power Supply Failed

Alarm	Attributes	Applicable major releases
Name: IK8901135 (8310) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: Power Supply Failed (1442) Implicitly cleared: true Default probable cause: powerProblem (911)	<ul style="list-style-type: none"> LR14.3.MG
Description: The fault tolerant power supply condition has been set to failed for the specified chassis and bay location.\nAlarm is cleared by the system.\nReason: cpqHe4FitToIPowerSupplyFailed		
Remedial action: Replace the failed power supply.		

Table 26-1589 IK8901144 - Memory Board or Cartridge Bus Error Detected

Alarm	Attributes	Applicable major releases
Name: IK8901144 (8311) Type: processingErrorAlarm (81) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: Memory Board or Cartridge Bus Error Detected (1445) Implicitly cleared: false Default probable cause: memoryMismatch (680)	<ul style="list-style-type: none"> LR14.3.MG
Description: Memory board or cartridge bus error detected. An Advanced Memory Protection sub-system board or cartridge bus error has been detected.\nAlarm to be cleared by the operator at the management system.\nReason: cpqHeResMemBoardBusError		
Remedial action: Replace the indicated board or cartridge.		

Table 26-1590 IK8901148 - Management processor failed reset

Alarm	Attributes	Applicable major releases
Name: IK8901148 (8312) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: Management processor failed reset (1446) Implicitly cleared: false Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> LR14.3.MG
Description: The Management processor failed reset The management processor was not successfully reset and is not operational.\nAlarm to be cleared by the operator at the management system.\nReason: cpqHeManagementProcFailedReset		
Remedial action: Reset the management procesessor again or re-flash the management processor firmware.		

Table 26-1591 IK8901152 - Memory Board or Cartridge or Riser Bus Error Detected

Alarm	Attributes	Applicable major releases
Name: IK8901152 (8313) Type: processingErrorAlarm (81) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: Memory Board or Cartridge or Riser Bus Error Detected (1447) Implicitly cleared: false Default probable cause: memoryMismatch (680)	<ul style="list-style-type: none"> LR14.3.MG
Description: Memory board or cartridge or Riser bus error detected. An Advanced Memory Protection sub-system board or cartridge or Riser bus error has been detected. Value 0 for CPU means memory is not processor based.\nAlarm to be cleared by the operator at the management system.\nReason: cpqHe5ResMemBoardBusError		
Remedial action: Replace the indicated board or cartridge or Riser.		

Table 26-1592 IK8901154 - Power Supply AC Power Loss

Alarm	Attributes	Applicable major releases
Name: IK8901154 (8314) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: Power Supply AC Power Loss (1448) Implicitly cleared: false Default probable cause: powerProblem (911)	<ul style="list-style-type: none"> LR14.3.MG
Description: The fault tolerant power supply AC power loss for the specified chassis and bay location. \nAlarm to be cleared by the operator at the management system. \nReason: cpqHe4FitToPowerSupplyACpowerloss		
Remedial action: Check the power source for the specified power supply.		

Table 26-1593 IK8901156 - Application Error Trap

Alarm	Attributes	Applicable major releases
Name: IK8901156 (8315) Type: processingErrorAlarm (81) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: Application Error Trap (1449) Implicitly cleared: false Default probable cause: applicationSubsystemFailure (689)	<ul style="list-style-type: none"> LR14.3.MG
Description: An application has generated an exception. Specific error information is contained in the variable cpqHoSwPerfAppErrorDesc. \nAlarm to be cleared by the operator at the management system. \nReason: cpqHoAppErrorTrap		
Remedial action: If the problem persists, contact Alcatel-Lucent customer support.		

Table 26-1594 IK8901158 - Application Error Trap

Alarm	Attributes	Applicable major releases
Name: IK8901158 (8316) Type: processingErrorAlarm (81) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: Application Error Trap (1449) Implicitly cleared: false Default probable cause: applicationSubsystemFailure (689)	<ul style="list-style-type: none"> LR14.3.MG
Description: An application has generated an exception. Specific error information is contained in the variable cpqHoSwPerfAppErrorDesc. \nAlarm to be cleared by the operator at the management system. \nReason: cpqHo2AppErrorTrap		
Remedial action: If the problem persists, contact Alcatel-Lucent customer support.		

Table 26-1595 IK8901163 - Status Trap

Alarm	Attributes	Applicable major releases
Name: IK8901163 (8317) Type: communicationsAlarm (4) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: Status Trap (1450) Implicitly cleared: true Default probable cause: communicationsSubsystemFailure (915)	<ul style="list-style-type: none"> LR14.3.MG
Description: This alarm will be sent any time the status of a NIC changes to the Failed condition. \nAlarm is cleared by the system. \nReason: cpqHo2NicStatusFailed2		
Remedial action: Check the network cables. Replace the failed NIC.		

Table 26-1596 IK8901172 - Power Threshold Exceeded

Alarm	Attributes	Applicable major releases
Name: IK8901172 (8318) Type: qualityOfServiceAlarm (82) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: Power Threshold Exceeded (1451) Implicitly cleared: false Default probable cause: resourceAtOrNearingCapacity (715)	<ul style="list-style-type: none"> LR14.3.MG
Description: This alarm notifies user of a power threshold breach. Power threshold exceeded. \nAlarm to be cleared by the operator at the management system. \nReason: cpqHo2PowerThresholdTrap		
Remedial action: If the problem persists, contact Alcatel-Lucent customer support.		

Table 26-1597 IK8902265 - Accelerator Board Battery Failed

Alarm	Attributes	Applicable major releases
Name: IK8902265 (8319) Type: environmentalAlarm (2) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: Accelerator Board Battery Failed (1452) Implicitly cleared: false Default probable cause: batteryFailure (649)	<ul style="list-style-type: none"> LR14.3.MG
Description: Accelerator Board Battery Failed. This alarm signifies that the agent has detected a battery failure associated with the array accelerator cache board. The current battery status is indicated by the cpqDaAccelBattery variable. \nAlarm to be cleared by the operator at the management system. \nReason: cpqDaAccelBatteryFailed		
Remedial action: check the Accelerator Board Battery		

Table 26-1598 IK8902272 - Accelerator Board Battery Failed

Alarm	Attributes	Applicable major releases
Name: IK8902272 (8320) Type: environmentalAlarm (2) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: Accelerator Board Battery Failed (1452) Implicitly cleared: false Default probable cause: batteryFailure (649)	<ul style="list-style-type: none"> LR14.3.MG
Description: Accelerator Board Battery Failed. This alarm signifies that the agent has detected a battery failure associated with the array accelerator cache board. The current battery status is indicated by the cpqDaAccelBattery variable. \nAlarm to be cleared by the operator at the management system. \nReason: cpqDa2AccelBatteryFailed		
Remedial action: check the Accelerator Board Battery		

Table 26-1599 IK8902279 - Accelerator Board Battery Failed

Alarm	Attributes	Applicable major releases
Name: IK8902279 (8321) Type: environmentalAlarm (2) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: Accelerator Board Battery Failed (1452) Implicitly cleared: false Default probable cause: batteryFailure (649)	<ul style="list-style-type: none"> LR14.3.MG
Description: Accelerator Board Battery Failed. This alarm signifies that the agent has detected a battery failure associated with the array accelerator cache board. The current battery status is indicated by the cpqDaAccelBattery variable. \nAlarm to be cleared by the operator at the management system. \nReason: cpqDa3AccelBatteryFailed		
Remedial action: check the Accelerator Board Battery		

Table 26-1600 IK8902291 - Accelerator Board Bad Data

Alarm	Attributes	Applicable major releases
Name: IK8902291 (8322) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: Accelerator Board Bad Data (1453) Implicitly cleared: false Default probable cause: powerProblem (911)	<ul style="list-style-type: none"> LR14.3.MG
Description: Accelerator Board Bad Data. This alarm signifies that the agent has detected an array accelerator cache board that has lost battery power. If data was being stored in the accelerator cache memory when the server lost power, that data has been lost. \nAlarm to be cleared by the operator at the management system. \nReason: cpqDa5AccelBadDataTrap		
Remedial action: Verify that no data has been lost.		

Table 26-1601 IK8902292 - Accelerator Board Battery Failed

Alarm	Attributes	Applicable major releases
Name: IK8902292 (8323) Type: environmentalAlarm (2) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: Accelerator Board Battery Failed (1452) Implicitly cleared: false Default probable cause: batteryFailure (649)	<ul style="list-style-type: none"> LR14.3.MG
Description: Accelerator Board Battery Failed. This alarm signifies that the agent has detected a battery failure associated with the array accelerator cache board.\nAlarm to be cleared by the operator at the management system.\nReason: cpqDa5AccelBatteryFailed		
Remedial action: Replace the Accelerator Cache Board.		

Table 26-1602 IK8902295 - Physical Drive Threshold Passed

Alarm	Attributes	Applicable major releases
Name: IK8902295 (8324) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: Physical Drive Threshold Passed (1454) Implicitly cleared: false Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> LR14.3.MG
Description: Physical Drive Threshold Passed. This alarm signifies that the agent has detected a factory threshold associated with one of the physical drive objects on a drive array has been exceeded.\nAlarm to be cleared by the operator at the management system.\nReason: cpqDa5PhyDrvThreshPassedTrap		
Remedial action: Replace the physical drive.		

Table 26-1603 IK8902302 - Physical Drive Threshold Passed

Alarm	Attributes	Applicable major releases
Name: IK8902302 (8325) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: Physical Drive Threshold Passed (1454) Implicitly cleared: false Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> LR14.3.MG
Description: Physical Drive Threshold Passed. This alarm signifies that the agent has detected a factory threshold associated with one of the physical drive objects on a drive array has been exceeded.\nAlarm to be cleared by the operator at the management system.\nReason: cpqDa6PhyDrvThreshPassedTrap		
Remedial action: Replace the physical drive.		

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Table 26-1604 IK8902337 - NIC Status Trap

Alarm	Attributes	Applicable major releases
Name: IK8902337 (8326) Type: communicationsAlarm (4) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: NIC Status Trap (1455) Implicitly cleared: true Default probable cause: communicationsSubsystemFailure (915)	<ul style="list-style-type: none"> LR14.3.MG
Description: This alarm will be sent any time the status of a logical adapter changes to the Failed condition. This occurs when the adapter in a single adapter configuration fails, or when the last adapter in a redundant configuration fails. This can be caused by loss of link due to a cable being removed from the adapter or the Hub or Switch. Internal adapter, Hub, or Switch failures can also cause this condition. Alarm is cleared by the system. Reason: cpqNicConnectivityLost		
Remedial action: Check the cables to the adapter and the Hub or Switch. If no cable problems are found, the adapter, Hub, or Switch may need replacement.		

Table 26-1605 IK8902341 - NIC Connectivity Lost Trap

Alarm	Attributes	Applicable major releases
Name: IK8902341 (8327) Type: communicationsAlarm (4) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: NIC Connectivity Lost Trap (1456) Implicitly cleared: true Default probable cause: communicationsSubsystemFailure (915)	<ul style="list-style-type: none"> LR14.3.MG
Description: This alarm will be sent any time the status of a logical adapter changes to the Failed condition. This occurs when the adapter in a single adapter configuration fails, or when the last adapter in a redundant configuration fails. This can be caused by loss of link due to a cable being removed from the adapter or the Hub or Switch. Internal adapter, Hub, or Switch failures can also cause this condition. Alarm is cleared by the system. Reason: cpqNic2ConnectivityLost		
Remedial action: Check the cables to the adapter and the Hub or Switch. If no cable problems are found, the adapter, Hub, or Switch may need replacement.		

Table 26-1606 IK8902343 - NIC Redundancy Reduced Trap

Alarm	Attributes	Applicable major releases
Name: IK8902343 (8328) Type: communicationsAlarm (4) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: NIC Redundancy Reduced Trap (1457) Implicitly cleared: true Default probable cause: communicationsSubsystemFailure (915)	<ul style="list-style-type: none"> LR14.3.MG
Description: This alarm will be sent any time a physical adapter in a logical adapter group changes to the Failed condition, but at least one physical adapter remains in the OK condition.. This can be caused by loss of link due to a cable being removed from the adapter or the Hub or Switch. Internal adapter, Hub, or Switch failures can also cause this condition. Alarm is cleared by the system. Reason: cpqNic2RedundancyReduced		

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Alarm	Attributes	Applicable major releases
Remedial action: Check the cables to the adapter and the Hub or Switch. If no cable problems are found, the adapter, Hub, or Switch may need replacement.		

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Table 26-1607 IK8902347 - NIC Connectivity Lost Trap

Alarm	Attributes	Applicable major releases
Name: IK8902347 (8329) Type: communicationsAlarm (4) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: NIC Connectivity Lost Trap (1456) Implicitly cleared: false Default probable cause: communicationsSubsystemFailure (915)	<ul style="list-style-type: none"> LR14.3.MG
Description: This alarm will be sent any time the status of a logical adapter changes to the Failed condition. This occurs when the adapter in a single adapter configuration fails, or when the last adapter in a redundant configuration fails. This can be caused by loss of link due to a cable being removed from the adapter or the Hub or Switch. Internal adapter, Hub, or Switch failures can also cause this condition. Alarm to be cleared by the operator at the management system. Reason: cpqNic3ConnectivityLost		
Remedial action: Check the cables to the adapter and the Hub or Switch. If no cable problems are found, the adapter, Hub, or Switch may need replacement.		

Table 26-1608 IK8902349 - NIC Redundancy Reduced Trap

Alarm	Attributes	Applicable major releases
Name: IK8902349 (8330) Type: communicationsAlarm (4) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: NIC Redundancy Reduced Trap (1457) Implicitly cleared: true Default probable cause: communicationsSubsystemFailure (915)	<ul style="list-style-type: none"> LR14.3.MG
Description: This alarm will be sent any time a physical adapter in a logical adapter group changes to the Failed condition, but at least one physical adapter remains in the OK condition.. This can be caused by loss of link due to a cable being removed from the adapter or the Hub or Switch. Internal adapter, Hub, or Switch failures can also cause this condition. Alarm is cleared by the system. Reason: cpqNic3RedundancyReduced		
Remedial action: Check the cables to the adapter and the Hub or Switch. If no cable problems are found, the adapter, Hub, or Switch may need replacement.		

Table 26-1609 IK8902360 - Enclosure temperature failed

Alarm	Attributes	Applicable major releases
Name: IK8902360 (8331) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: Enclosure temperature failed (1458) Implicitly cleared: false Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> LR14.3.MG
Description: The enclosure temperature status has been set to failed. This alarm signifies that a enclosure temperature sensor has been tripped indicating an overheat condition.\nAlarm to be cleared by the operator at the management system.\nReason: cpqRackEnclosureTempFailed		
Remedial action: Shutdown the enclosure and possibly the rack as soon as possible. Ensure all fans are working properly and that air flow in the rack has not been blocked.		

Table 26-1610 IK8902363 - Enclosure fan failed

Alarm	Attributes	Applicable major releases
Name: IK8902363 (8332) Type: environmentalAlarm (2) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: Enclosure fan failed (1459) Implicitly cleared: true Default probable cause: coolingFanFailure (651)	<ul style="list-style-type: none"> LR14.3.MG
Description: The enclosure fan status has been set to failed. This alarm signifies that an enclosure fan has failed and no other fans in the redundant fan group are operating. This may result in overheating of the enclosure.\nAlarm is cleared by the system.\nReason: cpqRackEnclosureFanFailed		
Remedial action: Replace the fan as soon as possible.		

Table 26-1611 IK8902368 - Rack power supply failed

Alarm	Attributes	Applicable major releases
Name: IK8902368 (8333) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGmngElement	Severity: critical Specific problem: Rack power supply failed (1460) Implicitly cleared: true Default probable cause: powerProblem (911)	<ul style="list-style-type: none"> LR14.3.MG
Description: The power supply status has been set to failed. This alarm signifies that a power supply has failed.\nAlarm is cleared by the system.\nReason: cpqRackPowerSupplyFailed		
Remedial action: Replace the power supply as soon as possible.		

Table 26-1612 IK8902369 - Rack power supply degraded

Alarm	Attributes	Applicable major releases
Name: IK8902369 (8334) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: Rack power supply degraded (1461) Implicitly cleared: false Default probable cause: powerProblem (911)	<ul style="list-style-type: none"> LR14.3.MG
Description: The power supply status has been set to degraded. This alarm signifies that a power supply has degraded.\nAlarm to be cleared by the operator at the management system.\nReason: cpqRackPowerSupplyDegraded		
Remedial action: Replace the power supply as soon as possible.		

Table 26-1613 IK8902374 - Rack power supply input voltage problem

Alarm	Attributes	Applicable major releases
Name: IK8902374 (8335) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: Rack power supply input voltage problem (1462) Implicitly cleared: false Default probable cause: powerProblem (911)	<ul style="list-style-type: none"> LR14.3.MG
Description: The rack power supply detected an input line voltage problem.\nAlarm to be cleared by the operator at the management system.\nReason: cpqRackPowerSubsystemLineVoltageProblem		
Remedial action: Check the power input for the power supply or replace any failed power supplies as soon as possible.		

Table 26-1614 IK8902375 - Rack power subsystem overload condition

Alarm	Attributes	Applicable major releases
Name: IK8902375 (8336) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: Rack power subsystem overload condition (1463) Implicitly cleared: false Default probable cause: powerProblem (911)	<ul style="list-style-type: none"> LR14.3.MG
Description: The rack power subsystem overload condition.\nAlarm to be cleared by the operator at the management system.\nReason: cpqRackPowerSubsystemOverloadCondition		
Remedial action: Replace any failed power supplies as soon as possible to return the system to a redundant state.		

Table 26-1615 IK8902376 - Server shutdown due to power shedding

Alarm	Attributes	Applicable major releases
Name: IK8902376 (8337) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGmngElement	Severity: critical Specific problem: Server shutdown due to power shedding (1464) Implicitly cleared: false Default probable cause: powerProblem (911)	<ul style="list-style-type: none"> LR14.3.MG
Description: Server shutdown due to power shedding. The server blade was shutdown due to a lack of power. \nAlarm to be cleared by the operator at the management system. \nReason: cpqRackPowerShedAutoShutdown		
Remedial action: Check power connections or add power supplies.		

Table 26-1616 IK8902377 - Server power on prevented to preserve redundancy

Alarm	Attributes	Applicable major releases
Name: IK8902377 (8338) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGmngElement	Severity: critical Specific problem: Server power on prevented to preserve redundancy (1465) Implicitly cleared: false Default probable cause: powerProblem (911)	<ul style="list-style-type: none"> LR14.3.MG
Description: Server power on prevented to preserve redundancy. There is not enough power to power on the server blade and maintain redundancy for the other blades in the enclosure. \nAlarm to be cleared by the operator at the management system. \nReason: cpqRackServerPowerOnFailedNotRedundant		
Remedial action: Check power connections or add power supplies.		

Table 26-1617 IK8902378 - Inadequate power to power on

Alarm	Attributes	Applicable major releases
Name: IK8902378 (8339) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGmngElement	Severity: critical Specific problem: Inadequate power to power on (1466) Implicitly cleared: false Default probable cause: powerProblem (911)	<ul style="list-style-type: none"> LR14.3.MG
Description: Inadequate power to power on. There is not enough power to power on the server blade. \nAlarm to be cleared by the operator at the management system. \nReason: cpqRackServerPowerOnFailedNotEnoughPower		
Remedial action: Check power connections or add power supplies.		

Table 26-1618 IK8902379 - Inadequate power to power on

Alarm	Attributes	Applicable major releases
Name: IK8902379 (8340) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGmngElement	Severity: critical Specific problem: Inadequate power to power on (1466) Implicitly cleared: false Default probable cause: powerProblem (911)	<ul style="list-style-type: none"> LR14.3.MG
Description: Inadequate power to power on. There is not enough power to power on the server blade. The server enclosure micro-controller was not found.\nAlarm to be cleared by the operator at the management system.\nReason: cpqRackServerPowerOnFailedEnclosureNotFound		
Remedial action: Check server enclosure connections or add power supplies.		

Table 26-1619 IK8902380 - Inadequate power to power on

Alarm	Attributes	Applicable major releases
Name: IK8902380 (8341) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGmngElement	Severity: critical Specific problem: Inadequate power to power on (1466) Implicitly cleared: false Default probable cause: powerProblem (911)	<ul style="list-style-type: none"> LR14.3.MG
Description: Inadequate power to power on. There is not enough power to power on the server blade. The power enclosure micro-controller was not found.\nAlarm to be cleared by the operator at the management system.\nReason: cpqRackServerPowerOnFailedPowerChassisNotFound		
Remedial action: Check power enclosure connections or add power supplies.		

Table 26-1620 IK8902382 - Fuse open

Alarm	Attributes	Applicable major releases
Name: IK8902382 (8342) Type: environmentalAlarm (2) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: Fuse open (1467) Implicitly cleared: false Default probable cause: enclosureDoorOpen (900)	<ul style="list-style-type: none"> LR14.3.MG
Description: Fuse open. The fuse has been tripped.\nAlarm to be cleared by the operator at the management system.\nReason: cpqRackFuseOpen		
Remedial action: Check enclosure and / or blade power connections and reset the fuse.		

Table 26-1621 IK8902386 - Power subsystem DC power problem

Alarm	Attributes	Applicable major releases
Name: IK8902386 (8343) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: Power subsystem DC power problem (1468) Implicitly cleared: false Default probable cause: powerProblem (911)	<ul style="list-style-type: none"> LR14.3.MG
Description: Power subsystem DC power problem. There is a power subsystem DC power problem for this power enclosure.\nAlarm to be cleared by the operator at the management system.\nReason: cpqRackPowerChassisDcPowerProblem		
Remedial action: Check the power enclosure and power supplies. Replace any failed or degraded power supplies.		

Table 26-1622 IK8902387 - Power subsystem AC facility input power exceeded

Alarm	Attributes	Applicable major releases
Name: IK8902387 (8344) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: Power subsystem AC facility input power exceeded (1469) Implicitly cleared: false Default probable cause: powerProblem (911)	<ul style="list-style-type: none"> LR14.3.MG
Description: Power subsystem AC facility input power exceeded. There is a power subsystem Power subsystem AC facility input power exceeded for this power enclosure.\nAlarm to be cleared by the operator at the management system.\nReason: cpqRackPowerChassisAcFacilityPowerExceeded		
Remedial action: Check the power enclosure and power supplies. Replace any failed or degraded power supplies.		

Table 26-1623 IK8902388 - Unknown power consumption

Alarm	Attributes	Applicable major releases
Name: IK8902388 (8345) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: Unknown power consumption (1470) Implicitly cleared: false Default probable cause: powerProblem (911)	<ul style="list-style-type: none"> LR14.3.MG
Description: Unknown power consumption. There is an unknown power consumer drawing power.\nAlarm to be cleared by the operator at the management system.\nReason: cpqRackPowerUnknownPowerConsumption		
Remedial action: Check the power enclosure and power supplies. Replace any failed or degraded power supplies.		

Table 26-1624 IK8902391 - Power subsystem improperly configured

Alarm	Attributes	Applicable major releases
Name: IK8902391 (8346) Type: processingErrorAlarm (81) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: Power subsystem improperly configured (1471) Implicitly cleared: false Default probable cause: configurationOrCustomizationError (902)	<ul style="list-style-type: none"> LR14.3.MG
Description: Power subsystem improperly configured. The power subsystem has been improperly configured.\nAlarm to be cleared by the operator at the management system.\nReason: cpqRackPowerChassisConfigError		
Remedial action: Check the cabling of the power enclosure.		

Table 26-1625 IK8902401 - Interconnect failed

Alarm	Attributes	Applicable major releases
Name: IK8902401 (8347) Type: communicationsAlarm (4) Package: lmg Raised on class: lmg.LMGmngElement	Severity: critical Specific problem: Interconnect failed (1472) Implicitly cleared: false Default probable cause: communicationsSubsystemFailure (915)	<ul style="list-style-type: none"> LR14.3.MG
Description: The interconnect status has been set to failed. This alarm signifies that a interconnect has failed.\nAlarm to be cleared by the operator at the management system.\nReason: cpqRackNetConnectorFailed		
Remedial action: Replace the interconnect as soon as possible.		

Table 26-1626 IK8902408 - Server blade health status degraded

Alarm	Attributes	Applicable major releases
Name: IK8902408 (8348) Type: qualityOfServiceAlarm (82) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: Server blade health status degraded (1473) Implicitly cleared: false Default probable cause: performanceDegraded (710)	<ul style="list-style-type: none"> LR14.3.MG
Description: Server blade health status Degraded. The server blade health status has changed to Degraded.\nAlarm to be cleared by the operator at the management system.\nReason: cpqRackServerBladeStatusDegraded		
Remedial action: Check blade server and enclosure SYSLOG.		

Table 26-1627 IK8902409 - Server blade health status critical

Alarm	Attributes	Applicable major releases
Name: IK8902409 (8349) Type: processingErrorAlarm (81) Package: lmg Raised on class: lmg.LMGMngElement	Severity: critical Specific problem: Server blade health status critical (1474) Implicitly cleared: false Default probable cause: applicationSubsystemFailure (689)	<ul style="list-style-type: none"> LR14.3.MG
Description: Server blade health status Critical. The server blade health status has changed to Critical.\nAlarm to be cleared by the operator at the management system.\nReason: cpqRackServerBladeStatusCritical		
Remedial action: Check blade server and enclosure SYSLOG.		

Table 26-1628 IK8902411 - Server blade unexpected shutdown

Alarm	Attributes	Applicable major releases
Name: IK8902411 (8350) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGMngElement	Severity: major Specific problem: Server blade unexpected shutdown (1475) Implicitly cleared: false Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> LR14.3.MG
Description: An unexpected shutdown has occurred for this server blade.\nAlarm to be cleared by the operator at the management system.\nReason: cpqRackServerBladeUnexpectedShutdown		
Remedial action: Check blade server and enclosure SYSLOG.		

Table 26-1629 IK8902428 - Generic EAE Major trap

Alarm	Attributes	Applicable major releases
Name: IK8902428 (8351) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGMngElement	Severity: major Specific problem: Generic EAE Major trap (1476) Implicitly cleared: false Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> LR14.3.MG
Description: EAE Major trap\nAlarm to be cleared by the operator at the management system.\nReason: cpqRackMajorEAETrap		
Remedial action: If the problem persists, contact Alcatel-Lucent customer support.		

Table 26-1630 IK8902429 - Generic EAE Critical trap

Alarm	Attributes	Applicable major releases
Name: IK8902429 (8352) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGmngElement	Severity: critical Specific problem: Generic EAE Critical trap (1477) Implicitly cleared: false Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> LR14.3.MG
Description: EAE Critical trap\nAlarm to be cleared by the operator at the management system.\nReason: cpqRackCriticalEAETrap		
Remedial action: If the problem persists, contact Alcatel-Lucent customer support.		

Table 26-1631 IK8902431 - Generic Power Subsystem EAE Major trap

Alarm	Attributes	Applicable major releases
Name: IK8902431 (8353) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: Generic Power Subsystem EAE Major trap (1478) Implicitly cleared: false Default probable cause: powerProblem (911)	<ul style="list-style-type: none"> LR14.3.MG
Description: FlexFabric Cmdr Power Subsystem Major trap.\nAlarm to be cleared by the operator at the management system.\nReason: cpqRackPowerMajorEAETrap		
Remedial action: For FlexFabric Cmdr, please refer to product documentation for possible corrective actions.		

Table 26-1632 IK8902432 - Generic Power Subsystem EAE Critical trap

Alarm	Attributes	Applicable major releases
Name: IK8902432 (8354) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGmngElement	Severity: critical Specific problem: Generic Power Subsystem EAE Critical trap (1479) Implicitly cleared: false Default probable cause: powerProblem (911)	<ul style="list-style-type: none"> LR14.3.MG
Description: FlexFabric Cmdr Power Subsystem Critical trap.\nAlarm to be cleared by the operator at the management system.\nReason: cpqRackPowerCriticalEAETrap		
Remedial action: For FlexFabric Cmdr, please refer to product documentation for possible corrective actions.		

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Table 26-1633 IK8902436 - Generic WSMAN Major trap

Alarm	Attributes	Applicable major releases
Name: IK8902436 (8355) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: Generic WSMAN Major trap (1480) Implicitly cleared: false Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> LR14.3.MG
Description: WSMAN Major trap\nReason: cpqRackMajorWSMANTrap		
Remedial action: If the problem persists, contact Alcatel-Lucent customer support.		

Table 26-1634 IK8902437 - Generic WSMAN Critical trap

Alarm	Attributes	Applicable major releases
Name: IK8902437 (8356) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGmngElement	Severity: critical Specific problem: Generic WSMAN Critical trap (1481) Implicitly cleared: false Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> LR14.3.MG
Description: WSMAN Critical trap\nReason: cpqRackCriticalWSMANTrap		
Remedial action: If the problem persists, contact Alcatel-Lucent customer support.		

Table 26-1635 IK8902439 - Standby Recovery Server Interconnect Failure

Alarm	Attributes	Applicable major releases
Name: IK8902439 (8357) Type: communicationsAlarm (4) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: Standby Recovery Server Interconnect Failure (1482) Implicitly cleared: false Default probable cause: communicationsSubsystemFailure (915)	<ul style="list-style-type: none"> LR14.3.MG
Description: Recovery Server serial interconnect failure. The Standby Recovery Agent reports that the local serial interconnect is not connected or has failed. The primary server is being shutdown in anticipation of the startup of the standby server.\nAlarm to be cleared by the operator at the management system.\nReason: cpqRsStandbyCableFailure		
Remedial action: If the problem persists, contact Alcatel-Lucent customer support.		

Table 26-1636 IK8902559 - Critical Alarm

Alarm	Attributes	Applicable major releases
Name: IK8902559 (8358) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGmngElement	Severity: critical Specific problem: Critical Alarm (1483) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> LR14.3.MG
Description: A critical alarm has occurred.\nAlarm is cleared by the system.\nReason: cpqPMTrapCritical		
Remedial action: Check the Trap Details for more information.		

Table 26-1637 IK8902609 - Monitor Condition Failed

Alarm	Attributes	Applicable major releases
Name: IK8902609 (8359) Type: processingErrorAlarm (81) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: Monitor Condition Failed (1484) Implicitly cleared: false Default probable cause: applicationSubsystemFailure (689)	<ul style="list-style-type: none"> LR14.3.MG
Description: A fault reporting feature has exceeded normal limits in the monitor indicated by the cpqSiMonitorIndex. The monitor's condition has been set to failed due to an operational feature exceeding normal operating limits. The monitor will not be useable and should be replaced.\nAlarm to be cleared by the operator at the management system.\nReason: cpqSiMonitorConditionFailed		
Remedial action: Make a note of the monitor model number and serial number. Replace the monitor. Refer to the appropriate Maintenance and Service Guide for detailed information on a component replacement.		

Table 26-1638 IK8902610 - Excessive Correctable Memory Errors

Alarm	Attributes	Applicable major releases
Name: IK8902610 (8360) Type: processingErrorAlarm (81) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: Excessive Correctable Memory Errors (1485) Implicitly cleared: false Default probable cause: memoryMismatch (680)	<ul style="list-style-type: none"> LR14.3.MG
Description: Correctable memory error count has exceeded the threshold for the memory module indicated by the 'cpqSiMemErrorIndex' variable. The appropriate cpqSiMemModuleECCStatus has been set to degraded.\nAlarm to be cleared by the operator at the management system.\nReason: cpqSiCorrMemErrStatusDegraded		
Remedial action: For Desktops, the System Administrator should run the F10 Diagnostics on this system and select RAM LONG TEST. If it is determined that a module needs replacing, schedule maintenance for the system and replace the failed memory module. Refer to the appropriate Maintenance and Service Guide for detailed information on a component replacement.		

Table 26-1639 IK8902615 - Hot Plug Slot Board Failed

Alarm	Attributes	Applicable major releases
Name: IK8902615 (8361) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: Hot Plug Slot Board Failed (1486) Implicitly cleared: false Default probable cause: powerProblem (911)	<ul style="list-style-type: none"> LR14.3.MG
Description: Hot Plug Slot Board Failed Power-Up. A Hot Plug Slot Board has failed to power-up in the specified chassis and slot.\nAlarm to be cleared by the operator at the management system.\nReason: cpqSiHotPlugSlotPowerUpFailed		
Remedial action: Insure the board and all cables are installed correctly and the board type and revision are the same as the replaced board.		

Table 26-1640 IK8902616 - Battery Failure

Alarm	Attributes	Applicable major releases
Name: IK8902616 (8362) Type: environmentalAlarm (2) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: Battery Failure (235) Implicitly cleared: false Default probable cause: batteryFailure (649)	<ul style="list-style-type: none"> LR14.3.MG
Description: The battery indicated by cpqSiSysBatteryIndex has failed and must be replaced.\nAlarm to be cleared by the operator at the management system.\nReason: cpqSiSysBatteryFailure		
Remedial action: Contact your System Administrator or Authorized Reseller to order a replacement battery. Recycle your old battery. For proper disposal information, refer to the documentation that came with your computer.		

Table 26-1641 IK8902617 - Battery Charging Degradation

Alarm	Attributes	Applicable major releases
Name: IK8902617 (8363) Type: environmentalAlarm (2) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: Battery Charging Degradation (1487) Implicitly cleared: false Default probable cause: lowBatteryThreshold (656)	<ul style="list-style-type: none"> LR14.3.MG
Description: Significant battery degradation has occurred with battery indicated by cpqSiSysBatteryIndex. The battery can no longer be fully recharged.\nAlarm to be cleared by the operator at the management system.\nReason: cpqSiSysBatteryChargingDegraded		
Remedial action: If using multiple batteries, run the Power Conservation Utility to identify the battery location. Contact your System Administrator or Authorized Reseller to order a replacement battery.		

Table 26-1642 IK8902620 - Server Power Outage

Alarm	Attributes	Applicable major releases
Name: IK8902620 (8364) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: Server Power Outage (1488) Implicitly cleared: false Default probable cause: powerProblem (911)	<ul style="list-style-type: none"> LR14.3.MG
Description: Server Power Outage. The Remote Insight/ Integrated Lights-Out firmware has detected server power failure.\nAlarm to be cleared by the operator at the management system.\nReason: cpqSm2ServerPowerOutage		
Remedial action: Check the server's power source.		

Table 26-1643 IK8902622 - Remote Insight Battery Failed

Alarm	Attributes	Applicable major releases
Name: IK8902622 (8365) Type: environmentalAlarm (2) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: Remote Insight Battery Failed (1489) Implicitly cleared: false Default probable cause: batteryFailure (649)	<ul style="list-style-type: none"> LR14.3.MG
Description: Remote Insight Battery Failed. The Remote Insight battery has failed and needs to be replaced.\nAlarm to be cleared by the operator at the management system.\nReason: cpqSm2BatteryFailed		
Remedial action: replace the failing Remote Insight battery.		

Table 26-1644 IK8902628 - Remote Insight external power cable disconnected

Alarm	Attributes	Applicable major releases
Name: IK8902628 (8366) Type: equipmentAlarm (3) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: Remote Insight external power cable disconnected (1490) Implicitly cleared: false Default probable cause: powerProblem (911)	<ul style="list-style-type: none"> LR14.3.MG
Description: External Power Cable Disconnected. The Remote Insight external power cable has been disconnected.\nAlarm to be cleared by the operator at the management system.\nReason: cpqSm2ExternalPowerCableDisconnected		
Remedial action: check External Power Cable		

Table 26-1645 IK8902632 - Server Fatal Error Detected

Alarm	Attributes	Applicable major releases
Name: IK8902632 (8367) Type: processingErrorAlarm (81) Package: lmg Raised on class: lmg.LMGmngElement	Severity: critical Specific problem: Server Fatal Error Detected (1491) Implicitly cleared: false Default probable cause: softwareError (718)	<ul style="list-style-type: none"> LR14.3.MG
Description: Server Fatal Error Detected. The Remote Insight/ Integrated Lights-Out firmware has detected a server fatal error.\nAlarm to be cleared by the operator at the management system.\nReason: cpqSm2ServerFatalError		
Remedial action: If the problem persists, contact Alcatel-Lucent customer support.		

Table 26-1646 IK8902633 - The iLO NIC Link is Down

Alarm	Attributes	Applicable major releases
Name: IK8902633 (8368) Type: communicationsAlarm (4) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: The iLO NIC Link is Down (1492) Implicitly cleared: true Default probable cause: communicationsSubsystemFailure (915)	<ul style="list-style-type: none"> LR14.3.MG
Description: The iLO NIC Link is Down. The Remote Insight/ Integrated Lights-Out firmware has detected the loss of network link.\nAlarm is cleared by the system.\nReason: cpqSm2NicLinkDown		
Remedial action: Check the network connections for the iLO.		

Table 26-1647 IK8902648 - PC Card Thermal Failure Status

Alarm	Attributes	Applicable major releases
Name: IK8902648 (8369) Type: qualityOfServiceAlarm (82) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: PC Card Thermal Failure Status (1493) Implicitly cleared: false Default probable cause: performanceDegraded (710)	<ul style="list-style-type: none"> LR14.3.MG
Description: This alarm is sent when the PC Card Slot Thermal Sensor threshold has been exceeded for degraded operations thereby causing failed operations. This alarm will be sent when cpqSePCCardStatus transitions from Thermal Degraded (2) to Thermal Failure (3). The manufacturer and product information strings as well as the slot number for the failed PC Card is provided as parameters for this trap.\nAlarm to be cleared by the operator at the management system.\nReason: cpqSePCCardThermalFailure		
Remedial action: If the problem persists, contact Alcatel-Lucent customer support.		

Table 26-1648 IK8902657 - Storage System Temperature Failure

Alarm	Attributes	Applicable major releases
Name: IK8902657 (8370) Type: environmentalAlarm (2) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: Storage System Temperature Failure (1494) Implicitly cleared: false Default probable cause: temperatureUnacceptable (721)	<ul style="list-style-type: none"> LR14.3.MG
Description: Storage System temperature failure. The agent has detected that a temperature status has been set to failed. The storage system will be shutdown.\nAlarm to be cleared by the operator at the management system.\nReason: cpqSsTempFailed		
Remedial action: If the problem persists, contact Alcatel-Lucent customer support.		

Table 26-1649 IK8904762 - linkDown

Alarm	Attributes	Applicable major releases
Name: IK8904762 (8371) Type: communicationsAlarm (4) Package: lmg Raised on class: lmg.LMGmngElement	Severity: major Specific problem: linkDown (1495) Implicitly cleared: true Default probable cause: communicationsSubsystemFailure (915)	<ul style="list-style-type: none"> LR14.3.MG
Description: A linkDown alarm signifies that the SNMP entity, acting in an agent role, has detected that the ifOperStatus object for one of its communication links is about to enter the down state from some other state (but not from the notPresent state). This other state is indicated by the included value of ifOperStatus.\nAlarm is cleared by the system.\nReason: linkDown		
Remedial action: If the problem persists, contact Alcatel-Lucent customer support.		

Table 26-1650 IncompleteConfiguration

Alarm	Attributes	Applicable major releases
Name: IncompleteConfiguration (1942) Type: operationalViolation (93) Package: netw Raised on class: netw.NetworkElement	Severity: warning Implicitly cleared: true Default probable cause: incompleteConfig (225)	<ul style="list-style-type: none"> LR14.3.MG
Description: The alarm is raised when a pre-provisioned NE has no objects configured beneath it.		
Raising condition: (('State' EQUAL 'Pre-provisioned') AND ('eNodeB Equipment' EQUAL '\'))		
Clearing condition: (('State' EQUAL 'Pre-provisioned') AND ('eNodeB Equipment' NOT EQUAL '\'))		
Remedial action: A configuration error has been made which must be corrected. The configuration of the pre-provisioned NE is incomplete. A work order was not associated with the pre-provisioned NE and as a consequence the attempt to auto-configure the NE failed.		

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Table 26-1651 LicensedLimitExceeded

Alarm	Attributes	Applicable major releases
Name: LicensedLimitExceeded (127) Type: licensingAlarm (23) Package: security Raised on class: security.ProductLicense	Severity: critical Implicitly cleared: true Default probable cause: licensedLimitExceeded (106)	<ul style="list-style-type: none"> LR14.3.MG
Description: The alarm is raised when the license items in the network exceeds 100 percent of the license capacity.		
Raising condition: ('Exceeded' EQUAL 'true')		
Clearing condition: ('Exceeded' NOT EQUAL 'true')		
Remedial action: Informational - The number of SAM licenses purchased and available on the SAM server is insufficient as compared to the number of NES/MDA/Cells under management in the network. Please contact Alcatel-Lucent Sales to purchase additional licenses.		

Table 26-1652 LinkDown (equipment)

Alarm	Attributes	Applicable major releases
Name: LinkDown (12) Type: communicationsAlarm (4) Package: equipment Raised on class: equipment.Equipment	Severity: major Implicitly cleared: true Default probable cause: portLinkProblem (10)	<ul style="list-style-type: none"> LR14.3.MG
Description: The alarm is raised when a port has no associated physical link or remote end point is operationally down.		
Raising condition: (('compositeEquipmentState' EQUAL 'Link Down') OR ('compositeEquipmentState' EQUAL 'Oper Down'))		
Clearing condition: (('compositeEquipmentState' NOT EQUAL 'Link Down') AND ('compositeEquipmentState' NOT EQUAL 'Oper Down'))		
Remedial action: Please make sure that port has physical link and remote end point is operationally up.		

Table 26-1653 MobileConnectorDown

Alarm	Attributes	Applicable major releases
Name: MobileConnectorDown (1064) Type: EpcAlarm (59) Package: Iteservice Raised on class: Iteservice.MobileServiceConnector	Severity: minor Implicitly cleared: true Default probable cause: EpcDown (519)	<ul style="list-style-type: none"> LR14.3.MG
Description: The alarm is raised when the 5620 SAM no longer manages the EPS path instance of this mobile service site. As a result, the service must be regenerated.		
Raising condition: ('EPS Path' EQUAL "\")		
Clearing condition: ('EPS Path' NOT EQUAL "\")		

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Alarm	Attributes	Applicable major releases
Remedial action: The underlying transport network has gone down resulting in the deletion of a mobile service connector (EPS path). Correct the issue with the transport network and regenerate the mobile service connector by clicking on the re-calculate button on the mobile service properties form.		

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Table 26-1654 NeManagementAndTrapManagementMismatch

Alarm	Attributes	Applicable major releases
Name: NeManagementAndTrapManagementMismatch (1079) Type: communicationsAlarm (4) Package: netw Raised on class: netw.NetworkElement	Severity: warning Implicitly cleared: true Default probable cause: neManagementChange (817)	<ul style="list-style-type: none"> LR14.3.MG
Description: This user-defined alarm is raised when the NE configuration is one of the following: - The Active Management IP is set to Out Of Band, and the Primary Route Preference is set to In Band. - The Active Management IP is set to In Band, and the Primary Route Preference is set to Out of Band.		
Raising condition: (((('Active Management IP' EQUAL 'In Band') AND (('Management IP Selection' EQUAL 'In Band Preferred') OR ('Management IP Selection' EQUAL 'In Band Only'))) AND ('Primary Route Preference' EQUAL 'Out Of Band') AND ('Secondary Route Preference' EQUAL 'In Band')) OR (('Active Management IP' EQUAL 'Out Of Band') AND (('Management IP Selection' EQUAL 'Out Of Band Preferred') OR ('Management IP Selection' EQUAL 'Out Of Band Only'))) AND ('Primary Route Preference' EQUAL 'In Band') AND ('Secondary Route Preference' EQUAL 'Out Of Band'))		
Clearing condition: (((('Active Management IP' EQUAL 'In Band') AND (('Management IP Selection' EQUAL 'In Band Preferred') OR ('Management IP Selection' EQUAL 'In Band Only'))) AND ('Primary Route Preference' EQUAL 'In Band')) OR (('Active Management IP' EQUAL 'Out Of Band') AND (('Management IP Selection' EQUAL 'Out Of Band Preferred') OR ('Management IP Selection' EQUAL 'Out Of Band Only'))) AND ('Primary Route Preference' EQUAL 'Out Of Band'))		
Remedial action: A configuration error has been made which must be corrected. The parameters described in the description for this alarm must match.		

Table 26-1655 NewSsh2ServerKeyDetected

Alarm	Attributes	Applicable major releases
Name: NewSsh2ServerKeyDetected (285) Type: communicationsAlarm (4) Package: security Raised on class: security.KnownHostKey	Severity: warning Implicitly cleared: true Default probable cause: ssh2ServerKeyMismatch (217)	<ul style="list-style-type: none"> LR14.3.MG
Description: The alarm is raised when a 5620 SAM main server detects a new public SSH key.		
Raising condition: ('SSH2 Server Key Status' EQUAL 'Mismatch SSH2 Host Key')		
Clearing condition: ('SSH2 Server Key Status' EQUAL 'Active SSH2 Host Key')		
Remedial action: Informational - possible security breach. The SSH key of the router is different from the one known to the SAM server.		

Table 26-1656 NodeDatabaseFallbackDetected

Alarm	Attributes	Applicable major releases
Name: NodeDatabaseFallbackDetected (2923) Type: communicationsAlarm (4) Package: netw Raised on class: netw.NetworkElement	Severity: major Implicitly cleared: true Default probable cause: nodeDatabaseFallback (1121)	<ul style="list-style-type: none"> LR14.3.MG
Description: The alarm is raised when a configuration fallback is detected on the node and comes back up with a previous configuration. To correct this situation it might be necessary to reconfigure the node, or perform full resync its database with the 'fallback' configuration returned by the node.		
Raising condition: ('State' EQUAL 'Node Configuration Fallback')		
Clearing condition: ('State' EQUAL 'Managed')		
Remedial action: the NE has come back to a previous configuration. Perform a manual Full Resync or a Reconfigure of the NE		

Table 26-1657 NodeDatabaseMisalignmentDetected

Alarm	Attributes	Applicable major releases
Name: NodeDatabaseMisalignmentDetected (2924) Type: communicationsAlarm (4) Package: netw Raised on class: netw.NetworkElement	Severity: major Implicitly cleared: true Default probable cause: nodeDatabaseMisalignment (1122)	<ul style="list-style-type: none"> LR14.3.MG
Description: The alarm is raised when a configuration misalignment has been detected on the node and comes back up with an unexpected configuration (configuration change triggered by external tool) To correct this situation it might be necessary to reconfigure the node with the 5620 SAM's old configuration or accept the new configuration received from the node.		
Raising condition: ('State' EQUAL 'Node Configuration Misalignment')		
Clearing condition: ('State' EQUAL 'Managed')		
Remedial action: the NE configuration is misaligned. Perform a resync in order to update SAM configuration according to the NE.		

Table 26-1658 NodeSuspended

Alarm	Attributes	Applicable major releases
Name: NodeSuspended (5123) Type: communicationsAlarm (4) Package: netw Raised on class: netw.NetworkElement	Severity: critical Implicitly cleared: true Default probable cause: NodeSuspend (2057)	<ul style="list-style-type: none"> LR14.3.MG
Description: The alarm is raised when the 5620 SAM detects an NE moved to suspend state as per user request.		
Raising condition: ('SNMP Reachability' EQUAL 'Suspended')		
Clearing condition: ('SNMP Reachability' NOT EQUAL 'Suspended')		
Remedial action: This alarm is raised when user suspends the network element. The alarm will be cleared when the network element is managed back.		

Table 26-1659 OrphanNodeDetected

Alarm	Attributes	Applicable major releases
Name: OrphanNodeDetected (4866) Type: discoveryControlAlarm (33) Package: netw Raised on class: netw.AdvertisedNode	Severity: major Implicitly cleared: true Default probable cause: nodeNotMangedByAnyEms (1934)	<ul style="list-style-type: none"> LR14.3.MG
Description: The alarm is raised when node is node managed by any EMS after n retries(threshold crossed) it is manually cleared by the operator or when the node is discovered.		
Raising condition: ('State' EQUAL 'Orphan')		
Remedial action: The NE is not managed by any SAM.Add an discovery rule in order to managed it.		

Table 26-1660 PartialResyncProblem

Alarm	Attributes	Applicable major releases
Name: PartialResyncProblem (4401) Type: communicationsAlarm (4) Package: netw Raised on class: netw.NetworkElement	Severity: warning Implicitly cleared: true Default probable cause: partialResyncProblem (1578)	<ul style="list-style-type: none"> LR14.3.MG
Description: The alarm is raised when a partial resync on an NE fails. For example, when resyncing only some MIB entries as opposed to a full resync. The periodic reachability test (sysUpTime) is not considered a partial resync, neither is a full resync. However, a PartialResyncProblem alarm can only be reset by a FullResync.		
Raising condition: ('partialResyncStatus' EQUAL 'Partial Resync Failed')		
Clearing condition: ('partialResyncStatus' EQUAL 'Partial Resync Done')		
Remedial action: Informational - if the alarm persists or is occurring frequently then investigation is required to understand a) why the underlying transport network is unreliable or b) why the NE is too busy to respond to 5620 SAM or c) has SNMP been disabled on the NE.		

Table 26-1661 PersistentIndexParametersMisconfigured

Alarm	Attributes	Applicable major releases
Name: PersistentIndexParametersMisconfigured (173) Type: configurationAlarm (11) Package: netw Raised on class: netw.NetworkElement	Severity: major Implicitly cleared: true Default probable cause: persistentIndexConfigurationMismatch (136)	<ul style="list-style-type: none"> LR14.3.MG
Description: The alarm is raised when persistence is set to Off in the NE BOF.		
Raising condition: (('Persistent SNMP Indices' EQUAL 'False') OR (('hasRedundantProcessorCards' EQUAL 'true') AND ('Redundant Synchronization Mode' EQUAL 'None')))		
Clearing condition: (('Persistent SNMP Indices' EQUAL 'True') AND (('hasRedundantProcessorCards' EQUAL 'false') OR ('Redundant Synchronization Mode' NOT EQUAL 'None')))		

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Alarm	Attributes	Applicable major releases
Remedial action: A configuration error has occurred that must be corrected. Use the CLI on the NE to enable persistency in the BOF. The discovery process will complete on the next discovery scan. A re-scan can be triggered immediately for the NE from within the discovery manager		

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Table 26-1662 PollerProblem

Alarm	Attributes	Applicable major releases
Name: PollerProblem (31) Type: communicationsAlarm (4) Package: netw Raised on class: netw.NetworkElement	Severity: warning Implicitly cleared: true Default probable cause: resyncFailed (24)	<ul style="list-style-type: none"> LR14.3.MG
Description: The alarm is raised when the 5620 SAM is unable to poll a network object, for example, because of intermittent or no IP connectivity to an NE, incorrect SNMP security parameters, or disabled SNMP on the NE.		
Raising condition: ('Resync Status' EQUAL 'Full Resync Failed')		
Clearing condition: ('Resync Status' EQUAL 'Full Resync Done')		
Remedial action: Informational - if the alarm persists or is occurring frequently then investigation is required to understand a) why the underlying transport network is unreliable or b) why the NE is too busy to respond to 5620 SAM or c) has SNMP been disabled on the NE. Once the issue has been resolved SAM will automatically re-attempt.		

Table 26-1663 PrimaryImageBootFailure

Alarm	Attributes	Applicable major releases
Name: PrimaryImageBootFailure (191) Type: configurationAlarm (11) Package: sw Raised on class: sw.CardSoftware	Severity: warning Implicitly cleared: true Default probable cause: bootOptionFileMisconfigured (150)	<ul style="list-style-type: none"> LR14.3.MG
Description: The alarm is raised when the primary software image specified in an NE BOF is unusable.		
Raising condition: (('imageSource' NOT EQUAL 'Primary') AND ('imageSource' NOT EQUAL 'Unknown'))		
Clearing condition: (('imageSource' EQUAL 'Primary') OR ('imageSource' EQUAL 'Unknown'))		
Remedial action: The SW image on the NE may have been inadvertently corrupted. Download a new copy of the SW image to the NE. If the problem persists contact Alcatel-Lucent support for assistance.		

Table 26-1664 RadiusOperStatusDown

Alarm	Attributes	Applicable major releases
Name: RadiusOperStatusDown (3692) Type: radiusOperStatusDownAlarm (105) Package: netw Raised on class: netw.NetworkElement	Severity: critical Implicitly cleared: true Default probable cause: radiusOperationStatusDown (1431)	<ul style="list-style-type: none"> LR14.3.MG
Description: The alarm is raised when all RADIUS servers have gone down.		
Raising condition: ('Global RADIUS Operational State' EQUAL 'Down')		
Clearing condition: ('Global RADIUS Operational State' EQUAL 'Up')		
Remedial action: Verify the RADIUS server is properly configured and radius server state is up. Check the connectivity between SAM server and radius server configured on the Network element.		

Table 26-1665 ReachabilityProblem

Alarm	Attributes	Applicable major releases
Name: ReachabilityProblem (243) Type: communicationsAlarm (4) Package: netw Raised on class: netw.NetworkElement	Severity: major Implicitly cleared: true Default probable cause: ReachabilityTestFailed (176)	<ul style="list-style-type: none"> LR14.3.MG
Description: The alarm is raised when a mediation poll of the SysUpTimeAlarm object on an NE fails, for example, because of network congestion or because the NE is too busy to respond. The probable cause is an unreachable NE Mediation agent on the NE. The polling interval depends on the NE type and is configurable in nms-server.xml. By default, the 5620 SAM polls a managed NE every four minutes. If a poll fails, the alarm is raised. The alarm clears when the 5620 SAM receives a response from the NE, and the 5620 SAM GUI icon that represents the NE turns from red to green.		
Raising condition: ('SNMP Reachability' EQUAL 'Down')		
Remedial action: Informational - if the alarm persists or is occurring frequently then investigation is required to understand a) why the underlying transport network is unreliable or b) why the NE is too busy to respond to 5620 SAM or c) has SNMP been disabled on the NE. Once the issue has been resolved SAM will automatically re-attempt.		

Table 26-1666 ReconfigFailure

Alarm	Attributes	Applicable major releases
Name: ReconfigFailure (1949) Type: communicationsAlarm (4) Package: netw Raised on class: netw.NetworkElement	Severity: critical Implicitly cleared: true Default probable cause: failedReconfig (937)	<ul style="list-style-type: none"> LR14.3.MG
Description: This alarm is raised when the reconfig action failed.		
Raising condition: ('State' EQUAL 'Failed')		
Clearing condition: ('State' NOT EQUAL 'Failed')		

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Alarm	Attributes	Applicable major releases
Remedial action: Verify that the object is configured as expected.		

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Table 26-1667 SaveConfigFailed

Alarm	Attributes	Applicable major releases
Name: SaveConfigFailed (105) Type: configurationAlarm (11) Package: sw Raised on class: sw.BackupRestoreManager	Severity: major Implicitly cleared: true Default probable cause: fileAccessError (90)	<ul style="list-style-type: none"> LR14.3.MG
Description: The alarm is raised when the admin save command on an NE fails.		
Raising condition: ('Config Save State' EQUAL 'Failure')		
Clearing condition: ('Config Save State' EQUAL 'Success')		
Remedial action: Attempt the admin save command a second time. If the problem persists please contact Alcatel-Lucent support for assistance.		

Table 26-1668 ScheduledPollerProblem

Alarm	Attributes	Applicable major releases
Name: ScheduledPollerProblem (4386) Type: communicationsAlarm (4) Package: netw Raised on class: netw.NetworkElement	Severity: warning Implicitly cleared: true Default probable cause: scheduledResyncFailed (1569)	<ul style="list-style-type: none"> LR14.3.MG
Description: The alarm is raised when the 5620 SAM is unable to poll a network object, for example, because of intermittent or no IP connectivity to an NE, incorrect SNMP security parameters, or disabled SNMP on the NE.		
Raising condition: ('Scheduled Resync Status' EQUAL 'Scheduled Resync Failed')		
Clearing condition: ('Scheduled Resync Status' EQUAL 'Scheduled Resync Done')		
Remedial action: Informational - if the alarm persists or is occurring frequently then investigation is required to understand a) why the underlying transport network is unreliable or b) why the NE is too busy to respond to 5620 SAM or c) has SNMP been disabled on the NE. Once the issue has been resolved SAM will automatically re-attempt.		

Table 26-1669 StatsRetrieveFailed

Alarm	Attributes	Applicable major releases
Name: StatsRetrieveFailed (244) Type: configurationAlarm (11) Package: sw Raised on class: sw.AccountingStatsRetrievalManager	Severity: major Implicitly cleared: false Default probable cause: fileTransferFailure (89)	<ul style="list-style-type: none"> LR14.3.MG
Description: The alarm is raised when the 5620 SAM main or auxiliary server cannot transfer an accounting file from an NE.		
Raising condition: (('Stats Retrieval State' NOT EQUAL 'Success') AND ('Stats Retrieval State' NOT EQUAL 'Not Attempted'))		
Remedial action: Informational - if the alarm persists or is occurring frequently then investigation is required to understand a) why the underlying transport network is unreliable or b) why the NE is too busy or otherwise cannot respond to the 5620 SAM main or auxiliary server.		

Table 26-1670 SubscriberSystemNextHopUsageHigh

Alarm	Attributes	Applicable major releases
Name: SubscriberSystemNextHopUsageHigh (5157) Type: thresholdCrossed (6) Package: netw Raised on class: netw.NetworkElement	Severity: minor Implicitly cleared: true Default probable cause: resourceFull (53)	<ul style="list-style-type: none"> LR14.3.MG
Description: The alarm is raised when the IP next-hop usage by subscriber managed routes reaches its high watermark, cleared when it reaches its low watermark again; the watermarks are derived from the limit specified with the property subSysNextHopLimit.		
Raising condition: ('IP Next Hop Usage High' EQUAL 'true')		
Clearing condition: ('IP Next Hop Usage High' EQUAL 'false')		
Remedial action: The alarm is raised when the IP next-hop usage by subscriber managed routes reaches its high watermark, cleared when it reaches its low watermark again; the watermarks are derived from the limit specified with the property subSysNextHopLimit. There is no immediate effect, but when the usage actually hits the limit, new hosts will not get their managed routes.		

Table 26-1671 TrapDestinationMisconfigured

Alarm	Attributes	Applicable major releases
Name: TrapDestinationMisconfigured (33) Type: configurationAlarm (11) Package: netw Raised on class: netw.NetworkElement	Severity: major Implicitly cleared: true Default probable cause: trapDestinationMisconfigured (26) Applicable probable causes: <ul style="list-style-type: none"> trapDestinationMisconfigured duplicateTrapLogId 	<ul style="list-style-type: none"> LR14.3.MG
Description: The alarm is raised when the 5620 SAM cannot be added to the NE's SNMP trap destinations.		

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Alarm	Attributes	Applicable major releases
Raising condition: ('isTrapDestinationMisconfigured' EQUAL 'true')		
Clearing condition: ('isTrapDestinationMisconfigured' EQUAL 'false')		
Remedial action: A configuration error has been made which must be corrected. The SNMP trap destination on the NE must be configured to the IP address of the SAM server.		

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Table 26-1672 TrapReceivingFailure

Alarm	Attributes	Applicable major releases
Name: TrapReceivingFailure (1083) Type: communications (87) Package: netw Raised on class: netw.NetworkElement	Severity: major Implicitly cleared: false Default probable cause: trapsWillNotBeSent (822)	<ul style="list-style-type: none"> LR14.3.MG
Description: This user-defined alarm is raised when the NE is unable to send traps because the NE configuration is one of the following: - The Management IP Selection is set to Out Of Band Only, the Primary Route Preference is set to In Band, and the Secondary Route Preference is set to None. - The Management IP Selection is set to In Band Only, the Primary Route Preference is set to Out Of Band, and the Secondary Route Preference is set to None.		
Raising condition: (((('Active Management IP' EQUAL 'In Band') AND ('Management IP Selection' EQUAL 'In Band Only') AND ('Primary Route Preference' EQUAL 'Out Of Band') AND ('Secondary Route Preference' EQUAL 'None')) OR (('Active Management IP' EQUAL 'Out Of Band') AND ('Management IP Selection' EQUAL 'Out Of Band Only') AND ('Primary Route Preference' EQUAL 'In Band') AND ('Secondary Route Preference' EQUAL 'None')) OR (('Active Management IP' EQUAL 'Out Of Band') AND ('Management IP Selection' EQUAL 'In Band Preferred') AND ('Primary Route Preference' EQUAL 'In Band') AND ('Secondary Route Preference' EQUAL 'None')) OR (('Active Management IP' EQUAL 'In Band') AND ('Management IP Selection' EQUAL 'Out Of Band Preferred') AND ('Primary Route Preference' EQUAL 'Out Of Band') AND ('Secondary Route Preference' EQUAL 'None'))))		
Clearing condition: (((('Active Management IP' EQUAL 'In Band') AND ('Management IP Selection' EQUAL 'In Band Only') AND (('Primary Route Preference' EQUAL 'In Band') OR ('Secondary Route Preference' EQUAL 'In Band')) OR (('Active Management IP' EQUAL 'Out Of Band') AND ('Management IP Selection' EQUAL 'Out Of Band Only') AND (('Primary Route Preference' EQUAL 'Out Of Band') OR ('Secondary Route Preference' EQUAL 'Out Of Band')) OR (('Active Management IP' EQUAL 'Out Of Band') AND ('Management IP Selection' EQUAL 'In Band Preferred') AND (('Primary Route Preference' EQUAL 'Out Of Band') OR ('Secondary Route Preference' EQUAL 'Out Of Band')) OR (('Active Management IP' EQUAL 'In Band') AND ('Management IP Selection' EQUAL 'In Band Preferred') AND (('Primary Route Preference' EQUAL 'In Band') OR ('Secondary Route Preference' EQUAL 'In Band')) OR (('Active Management IP' EQUAL 'In Band') AND ('Management IP Selection' EQUAL 'Out Of Band Preferred') AND (('Primary Route Preference' EQUAL 'In Band') OR ('Secondary Route Preference' EQUAL 'In Band')) OR (('Active Management IP' EQUAL 'Out Of Band') AND ('Management IP Selection' EQUAL 'Out Of Band Preferred') AND (('Primary Route Preference' EQUAL 'Out Of Band') OR ('Secondary Route Preference' EQUAL 'Out Of Band'))))		
Remedial action: A configuration error has been made which must be corrected. The configuration error must be corrected per the discussion in the description for this alarm.		

Table 26-1673 TrapRoutePreferenceRedundancyMissing

Alarm	Attributes	Applicable major releases
Name: TrapRoutePreferenceRedundancyMissing (1084) Type: communications (87) Package: netw Raised on class: netw.NetworkElement	Severity: warning Implicitly cleared: true Default probable cause: trapsRedundancyMissing (823)	<ul style="list-style-type: none"> LR14.3.MG

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Alarm	Attributes	Applicable major releases
Description: The user-defined alarm is raised when NE management redundancy is configured without trap route preference redundancy.		
Raising condition: (((('Management IP Selection' EQUAL 'In Band Preferred') AND ('Active Management IP' EQUAL 'In Band') AND ('Primary Route Preference' EQUAL 'In Band') AND ('Secondary Route Preference' EQUAL 'None')) OR (('Management IP Selection' EQUAL 'Out Of Band Preferred') AND ('Active Management IP' EQUAL 'Out Of Band') AND ('Primary Route Preference' EQUAL 'Out Of Band') AND ('Secondary Route Preference' EQUAL 'None'))))		
Clearing condition: (((('Management IP Selection' EQUAL 'In Band Preferred') AND ('Active Management IP' EQUAL 'In Band') AND ('Secondary Route Preference' NOT EQUAL 'None')) OR (('Management IP Selection' EQUAL 'Out Of Band Preferred') AND ('Active Management IP' EQUAL 'Out Of Band') AND ('Secondary Route Preference' NOT EQUAL 'None'))))		
Remedial action: A configuration error has been made which must be corrected. The IP address of the standby SAM server must be configured on the NE in question.		

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Table 26-1674 UnidentifiedNode

Alarm	Attributes	Applicable major releases
Name: UnidentifiedNode (1922) Type: communicationsAlarm (4) Package: netw Raised on class: netw.DiscoveredNode	Severity: major Implicitly cleared: true Default probable cause: unidentifiedNode (922)	<ul style="list-style-type: none"> LR14.3.MG
Description: The alarm is raised when the node being discovered can not be properly identified.		
Raising condition: ('State' EQUAL 'Pending Identification')		
Clearing condition: ('State' NOT EQUAL 'Pending Identification')		
Remedial action: A configuration error has occurred that must be corrected. The eNodeB does not have a system name. The name can be configured by selecting the alarm, opening the associated properties form for the alarmed object and configuring the system name.		

Table 26-1675 UnmanageFailed

Alarm	Attributes	Applicable major releases
Name: UnmanageFailed (300) Type: discoveryControlAlarm (33) Package: netw Raised on class: netw.NodeDiscoveryControl	Severity: warning Implicitly cleared: true Default probable cause: unableToDeleteNode (231)	<ul style="list-style-type: none"> LR14.3.MG
Description: The alarm is raised when an attempt to unmanage an NE fails.		
Raising condition: ('Site State' EQUAL 'Unmanage Failed')		
Clearing condition: ('Site State' NOT EQUAL 'Unmanage Failed')		
Remedial action: Informational - if the alarm persists please contact Alcatel-Lucent support for assistance		

Table 26-1676 UpgradedBuildVersionMismatch

Alarm	Attributes	Applicable major releases
Name: UpgradedBuildVersionMismatch (174) Type: configurationAlarm (11) Package: netw Raised on class: netw.NetworkElement	Severity: warning Implicitly cleared: true Default probable cause: upgradedImageNotBooted (137)	<ul style="list-style-type: none"> LR14.3.MG
Description: The alarm is raised when the software version that an NE reports after a software upgrade does not match the version of the software used for the upgrade.		
Raising condition: ('upgradedBuildVersionMismatch' EQUAL 'true')		
Clearing condition: ('upgradedBuildVersionMismatch' EQUAL 'false')		
Remedial action: Informational - if the alarm persists please contact Alcatel-Lucent support for assistance		

Table 26-1677 VersionConfigRestoreFailed

Alarm	Attributes	Applicable major releases
Name: VersionConfigRestoreFailed (536) Type: configurationAlarm (11) Package: sw Raised on class: sw.BackupRestoreManager	Severity: major Implicitly cleared: true Default probable cause: versionMismatch (405)	<ul style="list-style-type: none"> LR14.3.MG
Description: The alarm is raised when the restore procedure on an NE fails because of a mismatch between the backup file set version and the NE software version.		
Raising condition: ('lastNmsVersionRestoreState' EQUAL 'Failure')		
Clearing condition: ('lastNmsVersionRestoreState' EQUAL 'Success')		
Remedial action: The backup files being restored do not match with the version of node software release. Download a new copy of the SW image to the NE. If the problem persists contact Alcatel-Lucent support for assistance.		

Table 26-1678 WrongCpaaSoftwareVersion

Alarm	Attributes	Applicable major releases
Name: WrongCpaaSoftwareVersion (791) Type: equipmentAlarm (3) Package: netw Raised on class: netw.NetworkElement	Severity: critical Implicitly cleared: true Default probable cause: wrongCpaaSoftwareVersion (559)	<ul style="list-style-type: none"> LR14.3.MG
Description: The alarm is raised when the 7701 CPAA software is the wrong version and requires an upgrade.		
Raising condition: (('Software Version' EQUAL '\"TIMOS-B-3.0.Generic \") AND ('Chassis Type' EQUAL '7701 CPAA'))		
Clearing condition: (('Software Version' NOT EQUAL '\"TIMOS-B-3.0.Generic \") AND ('Chassis Type' EQUAL '7701 CPAA'))		
Remedial action: The SW version of the CPAA must be upgraded to the version compatible with CPAM version.		

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Note – Some alarms that the 5620 SAM can raise against this device may not be listed in this chapter. Associating alarms with specific NE types is an ongoing Alcatel-Lucent effort. If the 5620 SAM raises an alarm against this device type, and the alarm is not described in this chapter, see chapter 41 for information about the alarm.

Table 27-1 AAA_addressPoolExhausted

Alarm	Attributes	Applicable major releases
Name: AAA_addressPoolExhausted (5673) Type: qualityOfServiceAlarm (82) Package: femto Raised on class: femto.AAA	Severity: major Implicitly cleared: true Default probable cause: resourceAtOrNearingCapacity (715)	<ul style="list-style-type: none"> LR14.2.SC
Description: This fault is generated when the address pool for the available SeGW servers has become exhausted		
Remedial action: See the nodal documentation for more information.		

Table 27-2 AAA_centralAAAFailure

Alarm	Attributes	Applicable major releases
Name: AAA_centralAAAFailure (5674) Type: communicationsAlarm (4) Package: femto Raised on class: femto.AAA	Severity: critical Implicitly cleared: true Default probable cause: communicationsProtocolError (901)	<ul style="list-style-type: none"> LR14.2.SC

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Alarm	Attributes	Applicable major releases
Description: This fault is generated when communication to all central AAA has failed.		
Remedial action: See the nodal documentation for more information.		

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Table 27-3 ActiveAbnormalCondition

Alarm	Attributes	Applicable major releases
Name: ActiveAbnormalCondition (3938) Type: activeAbnormalConditionAlarm (116) Package: netw Raised on class: netw.NetworkElement	Severity: major Implicitly cleared: true Default probable cause: ActiveAbnormalConditionState (1520)	<ul style="list-style-type: none"> LR14.2.SC
Description: The alarm is an indication for abnormal condition on NE.		
Raising condition: ('abnormalCondition' EQUAL 'true')		
Clearing condition: ('abnormalCondition' EQUAL 'false')		
Remedial action: This alarm is raised when there is a abnormal state indication on NE.		

Table 27-4 AggregatedVFLPortDown

Alarm	Attributes	Applicable major releases
Name: AggregatedVFLPortDown (5436) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.Shelf	Severity: critical Implicitly cleared: true Default probable cause: connectivityIssue (2137)	<ul style="list-style-type: none"> LR14.2.SC
Description: The alarm is generated when the aggregated virtual fabric link on the virtual chassis slot is down.		
Raising condition: (('Shelf Type' EQUAL '7850') AND ('Total Slots' EQUAL '4') AND ('Virtual Fabric Link State' NOT EQUAL 'Up'))		
Clearing condition: (('Shelf Type' EQUAL '7850') AND ('Total Slots' EQUAL '4') AND ('Virtual Fabric Link State' EQUAL 'Up'))		
Remedial action: The alarm is raised when the aggregated virtual fabric link on the virtual chassis is down. Please check the virtual fabric links for the virtual chassis setup.		

Table 27-5 AGPSProxy_agpsServiceFailure

Alarm	Attributes	Applicable major releases
Name: AGPSProxy_agpsServiceFailure (5675) Type: communicationsAlarm (4) Package: femto Raised on class: femto.AGPSProxy	Severity: major Implicitly cleared: true Default probable cause: communicationsProtocolError (901)	<ul style="list-style-type: none"> LR14.2.SC

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Alarm	Attributes	Applicable major releases
Description: This fault is raised if a failure is detected on the Assisted GPS Service		
Remedial action: See the nodal documentation for more information.		

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Table 27-6 AGWDiameterPeerDown

Alarm	Attributes	Applicable major releases
Name: AGWDiameterPeerDown (844) Type: EpcAlarm (59) Package: lte Raised on class: lte.AGWDiameterPeer	Severity: variable Implicitly cleared: true Default probable cause: EPSPeerDown (602)	<ul style="list-style-type: none"> LR14.2.SC
Description: The alarm is raised when the path management state of a Diameter peer changes to a state other than Up.		
Raising condition: ('Path Diameter Management State' NOT EQUAL 'Active')		
Clearing condition: ('Path Diameter Management State' EQUAL 'Active')		
Remedial action: A Ga reference point (peer) is operationally down for one of the following reasons: the underlying IP or physical interface is down, the far end peer is down or the underlying transport between this NE and the peer NE is down. To resolve the issue ensure that the IP/physical interface is up, check that the far end peer is operational and check that the underlying transport network is up.		

Table 27-7 AMCSlot_deviceInstalledAssert

Alarm	Attributes	Applicable major releases
Name: AMCSlot_deviceInstalledAssert (5679) Type: equipmentAlarm (3) Package: femto Raised on class: femto.AMCSlot	Severity: minor Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> LR14.2.SC
Description: Device installed assert		
Remedial action: See the nodal documentation for more information.		

Table 27-8 AMCSlot_deviceInstalledDeassert

Alarm	Attributes	Applicable major releases
Name: AMCSlot_deviceInstalledDeassert (5680) Type: equipmentAlarm (3) Package: femto Raised on class: femto.AMCSlot	Severity: minor Implicitly cleared: false Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> LR14.2.SC
Description: Device installed deassert		

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Alarm	Attributes	Applicable major releases
Remedial action: See the nodal documentation for more information.		

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Table 27-9 AMCSlot_ds75DeviceinstalledCriticalAssert

Alarm	Attributes	Applicable major releases
Name: AMCSlot_ds75DeviceinstalledCriticalAssert (5681) Type: equipmentAlarm (3) Package: femto Raised on class: femto.AMCSlot	Severity: critical Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> LR14.2.SC
Description: DS 75 device installed critical assert		
Remedial action: See the nodal documentation for more information.		

Table 27-10 AMCSlot_ds75DeviceinstalledCriticalDeassert

Alarm	Attributes	Applicable major releases
Name: AMCSlot_ds75DeviceinstalledCriticalDeassert (5682) Type: equipmentAlarm (3) Package: femto Raised on class: femto.AMCSlot	Severity: minor Implicitly cleared: false Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> LR14.2.SC
Description: DS 75 device installed critical deassert		
Remedial action: See the nodal documentation for more information.		

Table 27-11 AMCSlot_ds75DeviceinstalledMajorAssert

Alarm	Attributes	Applicable major releases
Name: AMCSlot_ds75DeviceinstalledMajorAssert (5683) Type: equipmentAlarm (3) Package: femto Raised on class: femto.AMCSlot	Severity: major Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> LR14.2.SC
Description: DS 75 device installed major assert		
Remedial action: See the nodal documentation for more information.		

Table 27-12 AMCSlot_ds75DeviceinstalledMajorDeassert

Alarm	Attributes	Applicable major releases
Name: AMCSlot_ds75DeviceinstalledMajorDeassert (5684) Type: equipmentAlarm (3) Package: femto Raised on class: femto.AMCSlot	Severity: minor Implicitly cleared: false Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> LR14.2.SC
Description: DS 75 device installed major deassert		
Remedial action: See the nodal documentation for more information.		

Table 27-13 AMCSlot_ds75DeviceinstalledMinorAssert

Alarm	Attributes	Applicable major releases
Name: AMCSlot_ds75DeviceinstalledMinorAssert (5685) Type: equipmentAlarm (3) Package: femto Raised on class: femto.AMCSlot	Severity: minor Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> LR14.2.SC
Description: DS 75 device installed minor assert		
Remedial action: See the nodal documentation for more information.		

Table 27-14 AMCSlot_ds75DeviceinstalledMinorDeassert

Alarm	Attributes	Applicable major releases
Name: AMCSlot_ds75DeviceinstalledMinorDeassert (5686) Type: equipmentAlarm (3) Package: femto Raised on class: femto.AMCSlot	Severity: minor Implicitly cleared: false Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> LR14.2.SC
Description: DS 75 device installed minor deassert		
Remedial action: See the nodal documentation for more information.		

Table 27-15 AMCSlot_info12vDeviceInstalledAssert

Alarm	Attributes	Applicable major releases
Name: AMCSlot_info12vDeviceInstalledAssert (5687) Type: equipmentAlarm (3) Package: femto Raised on class: femto.AMCSlot	Severity: minor Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> LR14.2.SC
Description: 12V device installed assert		
Remedial action: See the nodal documentation for more information.		

Table 27-16 AMCSlot_info12vDeviceInstalledDeassert

Alarm	Attributes	Applicable major releases
Name: AMCSlot_info12vDeviceInstalledDeassert (5688) Type: equipmentAlarm (3) Package: femto Raised on class: femto.AMCSlot	Severity: minor Implicitly cleared: false Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> LR14.2.SC
Description: 12v device installed deassert		
Remedial action: See the nodal documentation for more information.		

Table 27-17 AMCSlot_info3vDeviceInstalledAssert

Alarm	Attributes	Applicable major releases
Name: AMCSlot_info3vDeviceInstalledAssert (5689) Type: equipmentAlarm (3) Package: femto Raised on class: femto.AMCSlot	Severity: minor Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> LR14.2.SC
Description: 3V device installed assert		
Remedial action: See the nodal documentation for more information.		

Table 27-18 AMCSlot_info3vDeviceInstalledDeassert

Alarm	Attributes	Applicable major releases
Name: AMCSlot_info3vDeviceInstalledDeassert (5690) Type: equipmentAlarm (3) Package: femto Raised on class: femto.AMCSlot	Severity: minor Implicitly cleared: false Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> LR14.2.SC
Description: 3v device installed deassert		
Remedial action: See the nodal documentation for more information.		

Table 27-19 AMCSlot_info5vDeviceInstalledAssert

Alarm	Attributes	Applicable major releases
Name: AMCSlot_info5vDeviceInstalledAssert (5691) Type: equipmentAlarm (3) Package: femto Raised on class: femto.AMCSlot	Severity: minor Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> LR14.2.SC
Description: 5V device installed assert		
Remedial action: See the nodal documentation for more information.		

Table 27-20 AMCSlot_info5vDeviceInstalledDeassert

Alarm	Attributes	Applicable major releases
Name: AMCSlot_info5vDeviceInstalledDeassert (5692) Type: equipmentAlarm (3) Package: femto Raised on class: femto.AMCSlot	Severity: minor Implicitly cleared: false Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> LR14.2.SC
Description: 5V device installed deassert		
Remedial action: See the nodal documentation for more information.		

Table 27-21 Application4G_droppingS1Traffic

Alarm	Attributes	Applicable major releases
Name: Application4G_droppingS1Traffic (5693) Type: qualityOfServiceAlarm (82) Package: femto Raised on class: femto.Application4G	Severity: critical Implicitly cleared: true Default probable cause: resourceAtOrNearingCapacity (715)	<ul style="list-style-type: none"> LR14.2.SC
Description: This fault is generated when SCGW drops S1 traffic since SCGW CPU/Memory utilization has crossed maximum threshold		
Remedial action: The alarm is cleared when the BSR Gateway recovers from the overload condition. The %CPU column of top command can be used to check the CPU utilization. Enter the command free to check the memory utilization. Free memory specified should be high, compared to the used memory available, for recovering to normal overload. The used buffer cache memory should be low. To drop the cache memory use the command echo 3 >/proc/sys/vm/drop_caches. Terminate some calls to check whether memory utilization comes down, clearing the alarm. If the memory utilization does not reduce and the alarm persists, de-register the Small Cells and check for reduction in memory utilization. If there is no reduction in memory utilization, even after call termination and enforced Small Cell de-registration. Enforce a BSR Gateway switch-over by terminating the BSR Gateway application.		

Table 27-22 Application4G_failedToDecodeMMESentMsg

Alarm	Attributes	Applicable major releases
Name: Application4G_failedToDecodeMMESentMsg (5694) Type: communicationsAlarm (4) Package: femto Raised on class: femto.Application4G	Severity: critical Implicitly cleared: false Default probable cause: communicationsProtocolError (901)	<ul style="list-style-type: none"> LR14.2.SC
Description: This fault is triggered when SCGW fails to decode messages sent by MME		
Remedial action: Check whether the messages from the MME are properly framed. This fault is cleared manually from the OAM system.		

Table 27-23 Application4G_failedToSendDataToHeNB

Alarm	Attributes	Applicable major releases
Name: Application4G_failedToSendDataToHeNB (5695) Type: communicationsAlarm (4) Package: femto Raised on class: femto.Application4G	Severity: critical Implicitly cleared: false Default probable cause: communicationsProtocolError (901)	<ul style="list-style-type: none"> LR14.2.SC
Description: This fault is generated when SCGW fails to send data to BSR		
Remedial action: Check the connectivity between the Small Cell and BSR Gateway. Check whether the BSR Gateway sctp port (6005) towards Small Cell is open. Check for any errors with respect to sending the data towards Small Cell. This can be done by looking for LOG ERROR statements in LOG_FMG.log file under /opt/log/. Use the above mentioned information to isolate the issue at Small Cell or BSR Gateway. This alarm is cleared when data from the BSR Gateway reaches the Small Cell successfully.		

Table 27-24 Application4G_failedToSendDataToMME

Alarm	Attributes	Applicable major releases
Name: Application4G_failedToSendDataToMME (5696) Type: communicationsAlarm (4) Package: femto Raised on class: femto.Application4G	Severity: critical Implicitly cleared: false Default probable cause: communicationsProtocolError (901)	<ul style="list-style-type: none"> LR14.2.SC
Description: This fault is generated when SCGW fails to send data to MME		
Remedial action: Reduce memory utilization in SCGW, using the command free. Check if there is a reduction. Check whether memory overload alarm has been triggered. Terminate some calls to check if the memory utilization reduces, clearing the alarm. If there is no reduction in memory utilization, and the overload alarm still persists, then de-register the Small Cells. Now check for any reduction in memory utilization. If there is no reduction in memory utilization, even after call termination and enforced Small Cell de-registration. Enforce a BSR Gateway switchover by terminating the BSR Gateway application		

Table 27-25 Application4G_henbldClash

Alarm	Attributes	Applicable major releases
Name: Application4G_henbldClash (5698) Type: operationalViolation (93) Package: femto Raised on class: femto.Application4G	Severity: major Implicitly cleared: false Default probable cause: callEstablishmentError (778)	<ul style="list-style-type: none"> LR14.2.SC
Description: This fault is generated when SCGW has detected that another HENB tries to register with a henbld already used by another HeNB.		
Remedial action: Re-configure the Small Cell with a different ID. Re-register the Small Cell.		

Table 27-26 Application4G_henbIntegrityViolation

Alarm	Attributes	Applicable major releases
Name: Application4G_henbIntegrityViolation (5699) Type: securityServiceOrMechanismViolation (92) Package: femto Raised on class: femto.Application4G	Severity: major Implicitly cleared: false Default probable cause: authenticationFailure (786)	<ul style="list-style-type: none"> LR14.2.SC
Description: This fault is generated when SCGW has detected a mismatch between the parameters received from the HeNB SETUP Request and the provisioned HeNB parameters. At least one of the following parameters might have been manipulated: - HeNB-Id, - TAC- Access mode		
Remedial action: Verify, that the HeNB-Id, TAC and access mode of the registered Small Cell is same as present in BSR DATA XML file. Re-register this Small Cell.		

Table 27-27 Application4G_heNbOutOfService

Alarm	Attributes	Applicable major releases
Name: Application4G_heNbOutOfService (5697) Type: equipmentAlarm (3) Package: femto Raised on class: femto.Application4G	Severity: major Implicitly cleared: true Default probable cause: operationalCondition (2441)	<ul style="list-style-type: none"> LR14.2.SC
Description: This alarm is triggered for HeNBs which have not registered with the SCGW during either the HenbRegisterAfterFailureTimer period or the HenbRegisterAfterInitTimer period and which have the Application4G::enableServiceMonitoringattribute set to True.		
Remedial action: The alarm is cleared by the Gateway whenApplication4G::enableServiceMonitoring attribute is disabled or the failed Small Cell tries to reregister.		

Table 27-28 Application4G_invalidHeNBS1SetupMessage

Alarm	Attributes	Applicable major releases
Name: Application4G_invalidHeNBS1SetupMessage (5700) Type: communicationsAlarm (4) Package: femto Raised on class: femto.Application4G	Severity: major Implicitly cleared: false Default probable cause: communicationsProtocolError (901)	<ul style="list-style-type: none"> LR14.2.SC
Description: This fault is generated when SCGW receives S1 SETUP message with an invalid HeNBId.		
Remedial action: Check whether any invalid IE is sent as part of Small Cell registration request.Check Fatal/Error logs in Log_FMG.log file with respect to decoding of Small Cell registration request.Use the above information to isolate the issue at Small Cell or BSR Gateway end.		

Table 27-29 Application4G_invalidS1flexConfiguration

Alarm	Attributes	Applicable major releases
Name: Application4G_invalidS1flexConfiguration (5701) Type: processingErrorAlarm (81) Package: femto Raised on class: femto.Application4G	Severity: major Implicitly cleared: false Default probable cause: configurationOrCustomizationError (902)	<ul style="list-style-type: none"> LR14.2.SC
Description: This alarm is generated when inconsistent/missing configuration data is detected for S1flex NNSF function		
Remedial action: Check the provisioned S1 Flex configuration function.		

Table 27-30 Application4G_massHeNbOutOfService

Alarm	Attributes	Applicable major releases
Name: Application4G_massHeNbOutOfService (5702) Type: equipmentAlarm (3) Package: femto Raised on class: femto.Application4G	Severity: major Implicitly cleared: true Default probable cause: operationalCondition (2441)	<ul style="list-style-type: none"> LR14.2.SC
Description: This alarm is triggered when the number of active bsrOutOfService alarms reaches the threshold defined by the Application4G:: maxNumHnbServiceAlarms attribute		
Remedial action: The alarm is automatically detected and cleared by the Gateway, when the total number of failed Small Cells drops below the Application4G:: maxNumHnbServiceAlarms value.		

Table 27-31 Application4G_newHeNBS1SetupRejectedDueToOverload

Alarm	Attributes	Applicable major releases
Name: Application4G_newHeNBS1SetupRejectedDueToOverload (5703) Type: qualityOfServiceAlarm (82) Package: femto Raised on class: femto.Application4G	Severity: critical Implicitly cleared: true Default probable cause: resourceAtOrNearingCapacity (715)	<ul style="list-style-type: none"> LR14.2.SC
Description: This fault is generated when SCGW rejects new HeNB SETUP request due to overload		
Remedial action: Check the loading on the SCGW		

Table 27-32 AtcaAlarmCard_e1InfraAlarm

Alarm	Attributes	Applicable major releases
Name: AtcaAlarmCard_e1InfraAlarm (5704) Type: communicationsAlarm (4) Package: femto Raised on class: femto.SCATCAAlarmCard	Severity: info Implicitly cleared: true Default probable cause: remoteAlarmInterface (615)	<ul style="list-style-type: none"> LR14.2.SC
Description: This Alarm is raised when there is a failure and the infrastructure alarms :E1_A, E1_B, E1_C, E1_D get raised.		
Remedial action: See the nodal documentation for more information.		

Table 27-33 AtcaAlarmCard_e2InfraAlarm

Alarm	Attributes	Applicable major releases
Name: AtcaAlarmCard_e2InfraAlarm (5705) Type: communicationsAlarm (4) Package: femto Raised on class: femto.SCATCAAlarmCard	Severity: info Implicitly cleared: true Default probable cause: remoteAlarmInterface (615)	<ul style="list-style-type: none"> LR14.2.SC
Description: This Alarm is raised when there is a failure and the infrastructure alarms : E2_A, E2_B, E2_C, E2_D get raised.		
Remedial action: See the nodal documentation for more information.		

Table 27-34 AtcaAlarmCard_e3InfraAlarm

Alarm	Attributes	Applicable major releases
Name: AtcaAlarmCard_e3InfraAlarm (5706) Type: communicationsAlarm (4) Package: femto Raised on class: femto.SCATCAAlarmCard	Severity: info Implicitly cleared: true Default probable cause: remoteAlarmInterface (615)	<ul style="list-style-type: none"> LR14.2.SC
Description: This Alarm is raised when there is a failure and the infrastructure alarms : E3_A, E3_B, E3_C, E3_D get raised.		
Remedial action: See the nodal documentation for more information.		

Table 27-35 AtcaAlarmCard_e4InfraAlarm

Alarm	Attributes	Applicable major releases
Name: AtcaAlarmCard_e4InfraAlarm (5707) Type: communicationsAlarm (4) Package: femto Raised on class: femto.SCATCAAlarmCard	Severity: info Implicitly cleared: true Default probable cause: remoteAlarmInterface (615)	<ul style="list-style-type: none"> LR14.2.SC
Description: This Alarm is raised when there is a failure and the infrastructure alarms : E4_A, E4_B, E4_C, E4_D get raised.		
Remedial action: See the nodal documentation for more information.		

Table 27-36 AtcaAlarmCard_pdu

Alarm	Attributes	Applicable major releases
Name: AtcaAlarmCard_pdu (5708) Type: equipmentAlarm (3) Package: femto Raised on class: femto.SCATCAAlarmCard	Severity: info Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> LR14.2.SC

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Alarm	Attributes	Applicable major releases
Description: This Alarm is raised when there is failure in the PDU presence.		
Remedial action: See the nodal documentation for more information.		

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Table 27-37 AtcaAlarmCard_pduBreakerPwr

Alarm	Attributes	Applicable major releases
Name: AtcaAlarmCard_pduBreakerPwr (5709) Type: environmentalAlarm (2) Package: femto Raised on class: femto.SCATCAAlarmCard	Severity: major Implicitly cleared: true Default probable cause: powerProblem (911)	<ul style="list-style-type: none"> LR14.2.SC
Description: This Alarm is raised when there is failure in AT1 PDU Breaker A, AT1 PDU Breaker B.		
Remedial action: See the nodal documentation for more information.		

Table 27-38 AtcaAlarmCard_pduFeedPwr

Alarm	Attributes	Applicable major releases
Name: AtcaAlarmCard_pduFeedPwr (5710) Type: environmentalAlarm (2) Package: femto Raised on class: femto.SCATCAAlarmCard	Severity: critical Implicitly cleared: true Default probable cause: powerProblem (911)	<ul style="list-style-type: none"> LR14.2.SC
Description: This Alarm is raised when there is failure in the AT1 PDU Feed A, AT1 PDU Feed B.		
Remedial action: See the nodal documentation for more information.		

Table 27-39 AtcaAlarmCard_powerFailure

Alarm	Attributes	Applicable major releases
Name: AtcaAlarmCard_powerFailure (5711) Type: environmentalAlarm (2) Package: femto Raised on class: femto.SCATCAAlarmCard	Severity: info Implicitly cleared: true Default probable cause: powerProblem (911)	<ul style="list-style-type: none"> LR14.2.SC
Description: This Alarm is raised when the Loop Voltage failure, VoltageFailure48V_A and VoltageFailure48V_B. happens		
Remedial action: See the nodal documentation for more information.		

Table 27-40 AtcaAlarmCard_telcoAlarmInput

Alarm	Attributes	Applicable major releases
Name: AtcaAlarmCard_telcoAlarmInput (5712) Type: equipmentAlarm (3) Package: femto Raised on class: femto.SCATCAAlarmCard	Severity: info Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> LR14.2.SC
Description: This Alarm is raised when the System manager does the minor Reset, major Reset and Alarm cutoff.		
Remedial action: See the nodal documentation for more information.		

Table 27-41 AtcaCardTemperatureLowerThresholdAlarm

Alarm	Attributes	Applicable major releases
Name: AtcaCardTemperatureLowerThresholdAlarm (3710) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.AtcaCard	Severity: variable Implicitly cleared: true Default probable cause: AtcaCardTemperatureLow (1448)	<ul style="list-style-type: none"> LR14.2.SC
Description: The alarm is raised when the ATCA card temperature has decreased below any of the lower thresholds.		
Raising condition: ('Temperature Threshold State' EQUAL 'Lower Critical')		
Clearing condition: ('Temperature Threshold State' EQUAL 'Unspecified')		
Remedial action: Informational - no corrective action required.		

Table 27-42 AtcaCardTemperatureUpperThresholdAlarm

Alarm	Attributes	Applicable major releases
Name: AtcaCardTemperatureUpperThresholdAlarm (3711) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.AtcaCard	Severity: variable Implicitly cleared: true Default probable cause: AtcaCardTemperatureHigh (1449)	<ul style="list-style-type: none"> LR14.2.SC
Description: The alarm is raised when the ATCA card temperature has increased beyond any of the upper thresholds.		
Raising condition: ('Temperature Threshold State' EQUAL 'Upper Critical')		
Clearing condition: ('Temperature Threshold State' EQUAL 'Unspecified')		
Remedial action: Monitor the blade. If the condition persists, replace the blade. If the condition applies to more than one blade, verify the performance of the site cooling system.		

Table 27-43 AtcaCardVoltageLowerThresholdAlarm

Alarm	Attributes	Applicable major releases
Name: AtcaCardVoltageLowerThresholdAlarm (3712) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.AtcaCard	Severity: variable Implicitly cleared: true Default probable cause: AtcaCardVoltageLow (1450)	<ul style="list-style-type: none"> LR14.2.SC
Description: The alarm is raised when the ATCA card voltage level has decreased below any of the lower thresholds.		
Raising condition: ('Voltage Threshold State' EQUAL 'Lower Critical')		
Clearing condition: ('Voltage Threshold State' EQUAL 'Unspecified')		
Remedial action: Monitor. If the alarm persists and the blade is in the active state, it should be replaced.		

Table 27-44 AtcaCardVoltageUpperThresholdAlarm

Alarm	Attributes	Applicable major releases
Name: AtcaCardVoltageUpperThresholdAlarm (3713) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.AtcaCard	Severity: variable Implicitly cleared: true Default probable cause: AtcaCardVoltageHigh (1451)	<ul style="list-style-type: none"> LR14.2.SC
Description: The alarm is raised when the ATCA card voltage level has increased beyond any of the upper thresholds.		
Raising condition: ('Voltage Threshold State' EQUAL 'Upper Critical')		
Clearing condition: ('Voltage Threshold State' EQUAL 'Unspecified')		
Remedial action: Monitor. If the alarm persists and the blade is in the active state, it should be replaced.		

Table 27-45 AtcaFanTray_fanAgingDown1

Alarm	Attributes	Applicable major releases
Name: AtcaFanTray_fanAgingDown1 (5713) Type: equipmentAlarm (3) Package: femto Raised on class: femto.SCATCAFanTray	Severity: major Implicitly cleared: true Default probable cause: replaceableUnitProblem (643)	<ul style="list-style-type: none"> LR14.2.SC
Description: This Alarm is raised when the Down fan tray reaches the Aging1		
Remedial action: See the nodal documentation for more information.		

Table 27-46 AtcaFanTray_fanAgingDown2

Alarm	Attributes	Applicable major releases
Name: AtcaFanTray_fanAgingDown2 (5714) Type: equipmentAlarm (3) Package: femto Raised on class: femto.SCATCAFanTray	Severity: major Implicitly cleared: true Default probable cause: replaceableUnitProblem (643)	<ul style="list-style-type: none"> LR14.2.SC
Description: This Alarm is raised when the Down fan tray reaches the Aging2		
Remedial action: See the nodal documentation for more information.		

Table 27-47 AtcaFanTray_fanAgingDown3

Alarm	Attributes	Applicable major releases
Name: AtcaFanTray_fanAgingDown3 (5715) Type: equipmentAlarm (3) Package: femto Raised on class: femto.SCATCAFanTray	Severity: major Implicitly cleared: true Default probable cause: replaceableUnitProblem (643)	<ul style="list-style-type: none"> LR14.2.SC
Description: This Alarm is raised when the Down fan tray reaches the Aging3		
Remedial action: See the nodal documentation for more information.		

Table 27-48 AtcaFanTray_fanAgingDown4

Alarm	Attributes	Applicable major releases
Name: AtcaFanTray_fanAgingDown4 (5716) Type: equipmentAlarm (3) Package: femto Raised on class: femto.SCATCAFanTray	Severity: major Implicitly cleared: true Default probable cause: replaceableUnitProblem (643)	<ul style="list-style-type: none"> LR14.2.SC
Description: This Alarm is raised when the Down fan tray reaches the Aging4		
Remedial action: See the nodal documentation for more information.		

Table 27-49 AtcaFanTray_fanAgingDown5

Alarm	Attributes	Applicable major releases
Name: AtcaFanTray_fanAgingDown5 (5717) Type: equipmentAlarm (3) Package: femto Raised on class: femto.SCATCAFanTray	Severity: major Implicitly cleared: true Default probable cause: replaceableUnitProblem (643)	<ul style="list-style-type: none"> LR14.2.SC

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Alarm	Attributes	Applicable major releases
Description: This Alarm is raised when the Down fan tray reaches the Aging5		
Remedial action: See the nodal documentation for more information.		

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Table 27-50 AtcaFanTray_fanAgingDown6

Alarm	Attributes	Applicable major releases
Name: AtcaFanTray_fanAgingDown6 (5718) Type: equipmentAlarm (3) Package: femto Raised on class: femto.SCATCAFanTray	Severity: major Implicitly cleared: true Default probable cause: replaceableUnitProblem (643)	<ul style="list-style-type: none"> LR14.2.SC
Description: This Alarm is raised when the Down fan tray reaches the Aging6		
Remedial action: See the nodal documentation for more information.		

Table 27-51 AtcaFanTray_fanAgingRear1

Alarm	Attributes	Applicable major releases
Name: AtcaFanTray_fanAgingRear1 (5719) Type: equipmentAlarm (3) Package: femto Raised on class: femto.SCATCAFanTray	Severity: major Implicitly cleared: true Default probable cause: replaceableUnitProblem (643)	<ul style="list-style-type: none"> LR14.2.SC
Description: This Alarm is raised when the Rear fan tray reaches the Aging1		
Remedial action: See the nodal documentation for more information.		

Table 27-52 AtcaFanTray_fanAgingRear2

Alarm	Attributes	Applicable major releases
Name: AtcaFanTray_fanAgingRear2 (5720) Type: equipmentAlarm (3) Package: femto Raised on class: femto.SCATCAFanTray	Severity: major Implicitly cleared: true Default probable cause: replaceableUnitProblem (643)	<ul style="list-style-type: none"> LR14.2.SC
Description: This Alarm is raised when the Rear fan tray reaches the Aging2		
Remedial action: See the nodal documentation for more information.		

Table 27-53 AtcaFanTray_fanAgingRear3

Alarm	Attributes	Applicable major releases
Name: AtcaFanTray_fanAgingRear3 (5721) Type: equipmentAlarm (3) Package: femto Raised on class: femto.SCATCAFanTray	Severity: major Implicitly cleared: true Default probable cause: replaceableUnitProblem (643)	<ul style="list-style-type: none"> LR14.2.SC
Description: This Alarm is raised when the Rear fan tray reaches the Aging3		
Remedial action: See the nodal documentation for more information.		

Table 27-54 AtcaFanTray_fanAgingRear4

Alarm	Attributes	Applicable major releases
Name: AtcaFanTray_fanAgingRear4 (5722) Type: equipmentAlarm (3) Package: femto Raised on class: femto.SCATCAFanTray	Severity: major Implicitly cleared: true Default probable cause: replaceableUnitProblem (643)	<ul style="list-style-type: none"> LR14.2.SC
Description: This Alarm is raised when the Rear fan tray reaches the Aging4		
Remedial action: See the nodal documentation for more information.		

Table 27-55 AtcaFanTray_fanAgingRear5

Alarm	Attributes	Applicable major releases
Name: AtcaFanTray_fanAgingRear5 (5723) Type: equipmentAlarm (3) Package: femto Raised on class: femto.SCATCAFanTray	Severity: major Implicitly cleared: true Default probable cause: replaceableUnitProblem (643)	<ul style="list-style-type: none"> LR14.2.SC
Description: This Alarm is raised when the Rear fan tray reaches the Aging5		
Remedial action: See the nodal documentation for more information.		

Table 27-56 AtcaFanTray_fanAgingRear6

Alarm	Attributes	Applicable major releases
Name: AtcaFanTray_fanAgingRear6 (5724) Type: equipmentAlarm (3) Package: femto Raised on class: femto.SCATCAFanTray	Severity: major Implicitly cleared: true Default probable cause: replaceableUnitProblem (643)	<ul style="list-style-type: none"> LR14.2.SC

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Alarm	Attributes	Applicable major releases
Description: This Alarm is raised when the Rear fan tray reaches the Aging6		
Remedial action: See the nodal documentation for more information.		

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Table 27-57 AtcaFanTray_fanAgingUp1

Alarm	Attributes	Applicable major releases
Name: AtcaFanTray_fanAgingUp1 (5725) Type: equipmentAlarm (3) Package: femto Raised on class: femto.SCATCAFanTray	Severity: major Implicitly cleared: true Default probable cause: replaceableUnitProblem (643)	<ul style="list-style-type: none"> LR14.2.SC
Description: This Alarm is raised when the Upper fan tray reaches the Aging1		
Remedial action: See the nodal documentation for more information.		

Table 27-58 AtcaFanTray_fanAgingUp2

Alarm	Attributes	Applicable major releases
Name: AtcaFanTray_fanAgingUp2 (5726) Type: equipmentAlarm (3) Package: femto Raised on class: femto.SCATCAFanTray	Severity: major Implicitly cleared: true Default probable cause: replaceableUnitProblem (643)	<ul style="list-style-type: none"> LR14.2.SC
Description: This Alarm is raised when the Upper fan tray reaches the Aging2		
Remedial action: See the nodal documentation for more information.		

Table 27-59 AtcaFanTray_fanAgingUp3

Alarm	Attributes	Applicable major releases
Name: AtcaFanTray_fanAgingUp3 (5727) Type: equipmentAlarm (3) Package: femto Raised on class: femto.SCATCAFanTray	Severity: major Implicitly cleared: true Default probable cause: replaceableUnitProblem (643)	<ul style="list-style-type: none"> LR14.2.SC
Description: This Alarm is raised when the Upper fan tray reaches the Aging3		
Remedial action: See the nodal documentation for more information.		

Table 27-60 AtcaFanTray_fanAgingUp4

Alarm	Attributes	Applicable major releases
Name: AtcaFanTray_fanAgingUp4 (5728) Type: equipmentAlarm (3) Package: femto Raised on class: femto.SCATCAFanTray	Severity: major Implicitly cleared: true Default probable cause: replaceableUnitProblem (643)	<ul style="list-style-type: none"> LR14.2.SC
Description: This Alarm is raised when the Upper fan tray reaches the Aging4		
Remedial action: See the nodal documentation for more information.		

Table 27-61 AtcaFanTray_fanAgingUp5

Alarm	Attributes	Applicable major releases
Name: AtcaFanTray_fanAgingUp5 (5729) Type: equipmentAlarm (3) Package: femto Raised on class: femto.SCATCAFanTray	Severity: major Implicitly cleared: true Default probable cause: replaceableUnitProblem (643)	<ul style="list-style-type: none"> LR14.2.SC
Description: This Alarm is raised when the Upper fan tray reaches the Aging5		
Remedial action: See the nodal documentation for more information.		

Table 27-62 AtcaFanTray_fanAgingUp6

Alarm	Attributes	Applicable major releases
Name: AtcaFanTray_fanAgingUp6 (5730) Type: equipmentAlarm (3) Package: femto Raised on class: femto.SCATCAFanTray	Severity: major Implicitly cleared: true Default probable cause: replaceableUnitProblem (643)	<ul style="list-style-type: none"> LR14.2.SC
Description: This Alarm is raised when the Upper fan tray reaches the Aging6		
Remedial action: See the nodal documentation for more information.		

Table 27-63 AtcaShelf_alarmCardAbsence

Alarm	Attributes	Applicable major releases
Name: AtcaShelf_alarmCardAbsence (5755) Type: equipmentAlarm (3) Package: femto Raised on class: femto.SCATCASHelf	Severity: info Implicitly cleared: true Default probable cause: probCauseUnknown (2442)	<ul style="list-style-type: none"> LR14.2.SC

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Alarm	Attributes	Applicable major releases
Description: This Alarm is raised when there is failure in the Alarm card presence.		
Remedial action: See the nodal documentation for more information.		

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Table 27-64 AtcaShelfManager_boardFilterAbsence

Alarm	Attributes	Applicable major releases
Name: AtcaShelfManager_boardFilterAbsence (5731) Type: equipmentAlarm (3) Package: femto Raised on class: femto.SCATCASHelfManager	Severity: minor Implicitly cleared: true Default probable cause: probCauseUnknown (2442)	<ul style="list-style-type: none"> LR14.2.SC
Description: This Alarm is raised when the Board filter or the Front side filter or grid is not present.		
Remedial action: See the nodal documentation for more information.		

Table 27-65 AtcaShelfManager_cpIdSensor

Alarm	Attributes	Applicable major releases
Name: AtcaShelfManager_cpIdSensor (5732) Type: equipmentAlarm (3) Package: femto Raised on class: femto.SCATCASHelfManager	Severity: minor Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> LR14.2.SC
Description: This Alarm is raised when there is change in the shelf manager redundancy status.		
Remedial action: See the nodal documentation for more information.		

Table 27-66 AtcaShelfManager_fanTrayLowAbsence

Alarm	Attributes	Applicable major releases
Name: AtcaShelfManager_fanTrayLowAbsence (5733) Type: equipmentAlarm (3) Package: femto Raised on class: femto.SCATCASHelfManager	Severity: major Implicitly cleared: true Default probable cause: probCauseUnknown (2442)	<ul style="list-style-type: none"> LR14.2.SC
Description: This Alarm is raised when the Lower fan tray is not present.		
Remedial action: See the nodal documentation for more information.		

Table 27-67 AtcaShelfManager_fanTrayRearAbsence

Alarm	Attributes	Applicable major releases
Name: AtcaShelfManager_fanTrayRearAbsence (5734) Type: equipmentAlarm (3) Package: femto Raised on class: femto.SCATCASHelfManager	Severity: major Implicitly cleared: true Default probable cause: probCauseUnknown (2442)	<ul style="list-style-type: none"> LR14.2.SC
Description: This Alarm is raised when the Rear fan tray is not present.		
Remedial action: See the nodal documentation for more information.		

Table 27-68 AtcaShelfManager_fanTraysFRUcriticalFailure

Alarm	Attributes	Applicable major releases
Name: AtcaShelfManager_fanTraysFRUcriticalFailure (5736) Type: equipmentAlarm (3) Package: femto Raised on class: femto.SCATCASHelfManager	Severity: critical Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> LR14.2.SC
Description: This Alarm is raised when failure occurs in the Fan Trays FRUs.		
Remedial action: See the nodal documentation for more information.		

Table 27-69 AtcaShelfManager_fanTrayUpAbsence

Alarm	Attributes	Applicable major releases
Name: AtcaShelfManager_fanTrayUpAbsence (5735) Type: equipmentAlarm (3) Package: femto Raised on class: femto.SCATCASHelfManager	Severity: major Implicitly cleared: true Default probable cause: probCauseUnknown (2442)	<ul style="list-style-type: none"> LR14.2.SC
Description: This Alarm is raised when the Up fan tray is not present.		
Remedial action: See the nodal documentation for more information.		

Table 27-70 AtcaShelfManager_i2cLocalBus

Alarm	Attributes	Applicable major releases
Name: AtcaShelfManager_i2cLocalBus (5737) Type: equipmentAlarm (3) Package: femto Raised on class: femto.SCATCASHelfManager	Severity: major Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> LR14.2.SC
Description: This Alarm is raised when failure happens to the I2C Local Bus.		
Remedial action: See the nodal documentation for more information.		

Table 27-71 AtcaShelfManager_i2cMasterResourceHighLimit

Alarm	Attributes	Applicable major releases
Name: AtcaShelfManager_i2cMasterResourceHighLimit (5738) Type: equipmentAlarm (3) Package: femto Raised on class: femto.SCATCASHelfManager	Severity: critical Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> LR14.2.SC
Description: This Alarm is raised when the I2C Master Resource reaches the critical limit.		
Remedial action: See the nodal documentation for more information.		

Table 27-72 AtcaShelfManager_i2cMasterResourceMidLimit

Alarm	Attributes	Applicable major releases
Name: AtcaShelfManager_i2cMasterResourceMidLimit (5739) Type: equipmentAlarm (3) Package: femto Raised on class: femto.SCATCASHelfManager	Severity: major Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> LR14.2.SC
Description: This Alarm is raised when the I2C of the Master Resource reaches the major limit		
Remedial action: See the nodal documentation for more information.		

Table 27-73 AtcaShelfManager_ipmbLinkDown

Alarm	Attributes	Applicable major releases
Name: AtcaShelfManager_ipmbLinkDown (5740) Type: equipmentAlarm (3) Package: femto Raised on class: femto.SCATCASHelfManager	Severity: minor Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> LR14.2.SC
Description: This Alarm is raised when failure happens to the IPMB-0 link		
Remedial action: See the nodal documentation for more information.		

Table 27-74 AtcaShelfManager_lm75TempDownHighLimit

Alarm	Attributes	Applicable major releases
Name: AtcaShelfManager_lm75TempDownHighLimit (5741) Type: environmentalAlarm (2) Package: femto Raised on class: femto.SCATCASHelfManager	Severity: critical Implicitly cleared: true Default probable cause: lowTemperature (674)	<ul style="list-style-type: none"> LR14.2.SC
Description: This Alarm is raised when the temperature of the bottom of the NBSHMC board reaches the lower critical limit.		
Remedial action: See the nodal documentation for more information.		

Table 27-75 AtcaShelfManager_lm75TempDownMidLimit

Alarm	Attributes	Applicable major releases
Name: AtcaShelfManager_lm75TempDownMidLimit (5742) Type: environmentalAlarm (2) Package: femto Raised on class: femto.SCATCASHelfManager	Severity: major Implicitly cleared: true Default probable cause: lowTemperatureMidLimit (2443)	<ul style="list-style-type: none"> LR14.2.SC
Description: This Alarm is raised when the temperature of the bottom of the NBSHMC board reaches the lower major limit.		
Remedial action: See the nodal documentation for more information.		

Table 27-76 AtcaShelfManager_Im75TempUpHighLimit

Alarm	Attributes	Applicable major releases
Name: AtcaShelfManager_Im75TempUpHighLimit (5743) Type: environmentalAlarm (2) Package: femto Raised on class: femto.SCATCASHelfManager	Severity: critical Implicitly cleared: true Default probable cause: highTemperature (667)	<ul style="list-style-type: none"> LR14.2.SC
Description: This Alarm is raised when the temperature of the top of the NBSHMC board reaches the upper critical limit.		
Remedial action: See the nodal documentation for more information.		

Table 27-77 AtcaShelfManager_Im75TempUpMidLimit

Alarm	Attributes	Applicable major releases
Name: AtcaShelfManager_Im75TempUpMidLimit (5744) Type: environmentalAlarm (2) Package: femto Raised on class: femto.SCATCASHelfManager	Severity: major Implicitly cleared: true Default probable cause: highTemperature (667)	<ul style="list-style-type: none"> LR14.2.SC
Description: This Alarm is raised when the temperature of the top of the NBSHMC board reaches the upper major limit.		
Remedial action: See the nodal documentation for more information.		

Table 27-78 AtcaShelfManager_pwrRedDegraded

Alarm	Attributes	Applicable major releases
Name: AtcaShelfManager_pwrRedDegraded (5745) Type: equipmentAlarm (3) Package: femto Raised on class: femto.SCATCASHelfManager	Severity: major Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> LR14.2.SC
Description: Power supple redundancy degraded assert. Redundancy still exists, but at a less than full level. For example, a system has four fans, and can tolerate the failure of two of them, and presently one has failed		
Remedial action: See the nodal documentation for more information.		

Table 27-79 AtcaShelfManager_pwrRedLost

Alarm	Attributes	Applicable major releases
Name: AtcaShelfManager_pwrRedLost (5746) Type: equipmentAlarm (3) Package: femto Raised on class: femto.SCATCASHelfManager	Severity: major Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> LR14.2.SC
Description: This Alarm is raised when the Power supply redundancy lost or Entered any non-redundant state, including Non-redundant: Insufficient Resources		
Remedial action: See the nodal documentation for more information.		

Table 27-80 AtcaShelfManager_pwrRedRegained

Alarm	Attributes	Applicable major releases
Name: AtcaShelfManager_pwrRedRegained (5747) Type: equipmentAlarm (3) Package: femto Raised on class: femto.SCATCASHelfManager	Severity: major Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> LR14.2.SC
Description: This Alarm is raised when the full power supply redundancy has been regained		
Remedial action: See the nodal documentation for more information.		

Table 27-81 AtcaShelfManager_rebootReason

Alarm	Attributes	Applicable major releases
Name: AtcaShelfManager_rebootReason (5748) Type: equipmentAlarm (3) Package: femto Raised on class: femto.SCATCASHelfManager	Severity: major Implicitly cleared: false Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> LR14.2.SC
Description: This Alarm is raised when the Shelf Manager has been Rebooted		
Remedial action: See the nodal documentation for more information.		

Table 27-82 AtcaShelfManager_rtmFilterAbsence

Alarm	Attributes	Applicable major releases
Name: AtcaShelfManager_rtmFilterAbsence (5749) Type: equipmentAlarm (3) Package: femto Raised on class: femto.SCATCASHelfManager	Severity: minor Implicitly cleared: true Default probable cause: probCauseUnknown (2442)	<ul style="list-style-type: none"> LR14.2.SC
Description: This Alarm is raised when the RTM filter or the Back side filter or grid is not present.		
Remedial action: See the nodal documentation for more information.		

Table 27-83 AtcaShelfManager_shelfFRUcriticalFailure

Alarm	Attributes	Applicable major releases
Name: AtcaShelfManager_shelfFRUcriticalFailure (5750) Type: equipmentAlarm (3) Package: femto Raised on class: femto.SCATCASHelfManager	Severity: critical Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> LR14.2.SC
Description: This Alarm is raised when critical failure happens to the Shelf FRUs in EEPROMs.		
Remedial action: See the nodal documentation for more information.		

Table 27-84 AtcaShelfManager_shelfFRUminorFailure

Alarm	Attributes	Applicable major releases
Name: AtcaShelfManager_shelfFRUminorFailure (5751) Type: equipmentAlarm (3) Package: femto Raised on class: femto.SCATCASHelfManager	Severity: minor Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> LR14.2.SC
Description: This Alarm is raised when minor failure happens to the Shelf FRUs in EEPROMs.		
Remedial action: See the nodal documentation for more information.		

Table 27-85 AtcaShelfManager_shelfManagerConnectionFailure

Alarm	Attributes	Applicable major releases
Name: AtcaShelfManager_shelfManagerConnectionFailure (5752) Type: communicationsAlarm (4) Package: femto Raised on class: femto.SCATCASHelfManager	Severity: critical Implicitly cleared: true Default probable cause: unspecifiedReason (802)	<ul style="list-style-type: none"> LR14.2.SC
Description: This Alarm is raised when the Shelf Oam is unable to communicate with shelf manager		
Remedial action: See the nodal documentation for more information.		

Table 27-86 AtcaShelfManager_shelfManagerInNonRedundantState

Alarm	Attributes	Applicable major releases
Name: AtcaShelfManager_shelfManagerInNonRedundantState (5753) Type: communicationsAlarm (4) Package: femto Raised on class: femto.SCATCASHelfManager	Severity: major Implicitly cleared: true Default probable cause: unspecifiedReason (802)	<ul style="list-style-type: none"> LR14.2.SC
Description: This Alarm is raised when the Peer Shelf Manager is not available		
Remedial action: See the nodal documentation for more information.		

Table 27-87 AtcaShelfManager_shelfManagerUnAvailable

Alarm	Attributes	Applicable major releases
Name: AtcaShelfManager_shelfManagerUnAvailable (5754) Type: equipmentAlarm (3) Package: femto Raised on class: femto.SCATCASHelfManager	Severity: major Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> LR14.2.SC
Description: This Alarm is raised when the Shelf Manager Card is not available		
Remedial action: See the nodal documentation for more information.		

Table 27-88 AtcaSwitchBaseEthernetIntf_malbanBaseEthernetPortFailure

Alarm	Attributes	Applicable major releases
Name: AtcaSwitchBaseEthernetIntf_malbanBaseEthernetPortFailure (5756) Type: equipmentAlarm (3) Package: femto Raised on class: femto.SCATCASwitchBaseEthernetIntf	Severity: major Implicitly cleared: false Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> LR14.2.SC
Description: This Alarm is raised when the Malban Card Base Ethernet port has failed		
Remedial action: See the nodal documentation for more information.		

Table 27-89 AtcaSwitchCPU_malban10CPUFailure

Alarm	Attributes	Applicable major releases
Name: AtcaSwitchCPU_malban10CPUFailure (5757) Type: equipmentAlarm (3) Package: femto Raised on class: femto.SCATCASwitchCPU	Severity: critical Implicitly cleared: false Default probable cause: processorProblem (633)	<ul style="list-style-type: none"> LR14.2.SC
Description: This Alarm is raised when software critical error occurs on the payload. Usually followed by a board reboot or reset. It is asserted upon fault detection by the payload software and de-asserted on startup.		
Remedial action: See the nodal documentation for more information.		

Table 27-90 AtcaSwitchFabricEthernetIntf_malbanFabricEthernetPortFailure

Alarm	Attributes	Applicable major releases
Name: AtcaSwitchFabricEthernetIntf_malbanFabricEthernetPortFailure (5758) Type: equipmentAlarm (3) Package: femto Raised on class: femto.SCATCASwitchFabricEthernetIntf	Severity: major Implicitly cleared: false Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> LR14.2.SC
Description: This Alarm is raised when the Malban Card Fabric Ethernet port has failed		
Remedial action: See the nodal documentation for more information.		

Table 27-91 AtcaSwitchSlot_malbanConnectionFailure

Alarm	Attributes	Applicable major releases
Name: AtcaSwitchSlot_malbanConnectionFailure (5759) Type: communicationsAlarm (4) Package: femto Raised on class: femto.SCATCASwitchSlot	Severity: critical Implicitly cleared: true Default probable cause: unspecifiedReason (802)	<ul style="list-style-type: none"> LR14.2.SC
Description: This Alarm is raised when the Shelf Oam is unable to communicate with Malban		
Remedial action: See the nodal documentation for more information.		

Table 27-92 AtcaSwitchSlot_malbanInNonRedundantState

Alarm	Attributes	Applicable major releases
Name: AtcaSwitchSlot_malbanInNonRedundantState (5760) Type: communicationsAlarm (4) Package: femto Raised on class: femto.SCATCASwitchSlot	Severity: major Implicitly cleared: true Default probable cause: unspecifiedReason (802)	<ul style="list-style-type: none"> LR14.2.SC
Description: This Alarm is raised when the Peer Malban is not available		
Remedial action: See the nodal documentation for more information.		

Table 27-93 AtcaSwitchSlot_malbanIpmbLinkDown

Alarm	Attributes	Applicable major releases
Name: AtcaSwitchSlot_malbanIpmbLinkDown (5761) Type: equipmentAlarm (3) Package: femto Raised on class: femto.SCATCASwitchSlot	Severity: minor Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> LR14.2.SC
Description: This Alarm is raised when failure happens to the IPMB-0 link		
Remedial action: See the nodal documentation for more information.		

Table 27-94 AtcaSwitchSlot_malbanUnAvailable

Alarm	Attributes	Applicable major releases
Name: AtcaSwitchSlot_malbanUnAvailable (5762) Type: equipmentAlarm (3) Package: femto Raised on class: femto.SCATCASwitchSlot	Severity: major Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> LR14.2.SC
Description: This Alarm is raised when the Malban Card is not available		
Remedial action: See the nodal documentation for more information.		

Table 27-95 AtcaSwitchSlot_malbanVlanCreationFailure

Alarm	Attributes	Applicable major releases
Name: AtcaSwitchSlot_malbanVlanCreationFailure (5763) Type: communicationsAlarm (4) Package: femto Raised on class: femto.SCATCASwitchSlot	Severity: critical Implicitly cleared: true Default probable cause: unspecifiedReason (802)	<ul style="list-style-type: none"> LR14.2.SC
Description: This Alarm is raised when the vlan creation failed in Malban		
Remedial action: See the nodal documentation for more information.		

Table 27-96 AtcaSwitchSlot_ncpuFatalError

Alarm	Attributes	Applicable major releases
Name: AtcaSwitchSlot_ncpuFatalError (5764) Type: equipmentAlarm (3) Package: femto Raised on class: femto.SCATCASwitchSlot	Severity: major Implicitly cleared: false Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> LR14.2.SC
Description: This Alarm is raised when a software critical error occurs on the payload.		
Remedial action: See the nodal documentation for more information.		

Table 27-97 AuxiliaryServerStatus

Alarm	Attributes	Applicable major releases
Name: AuxiliaryServerStatus (311) Type: communicationsAlarm (4) Package: server Raised on class: server.AuxiliaryServer	Severity: critical Implicitly cleared: true Default probable cause: systemFailed (144)	<ul style="list-style-type: none"> LR14.2.SC
Description: The alarm is raised when a 5620 SAM main server cannot communicate with an auxiliary server. The alarm clears when communication is restored.		
Raising condition: ('Server Status' EQUAL 'Down')		
Clearing condition: ('Server Status' EQUAL 'Up')		
Remedial action: Informational - if the alarm persists or is occurring frequently then investigation is required to understand why the connectivity between the AUX and SAM servers is unreliable.		

Table 27-98 BladeHardware_alarm48VaAssert

Alarm	Attributes	Applicable major releases
Name: BladeHardware_alarm48VaAssert (5861) Type: equipmentAlarm (3) Package: femto Raised on class: femto.BladeHardware	Severity: minor Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> LR14.2.SC
Description: Alarm 48Va assert		
Remedial action: See the nodal documentation for more information.		

Table 27-99 BladeHardware_alarm48VaDeassert

Alarm	Attributes	Applicable major releases
Name: BladeHardware_alarm48VaDeassert (5862) Type: equipmentAlarm (3) Package: femto Raised on class: femto.BladeHardware	Severity: minor Implicitly cleared: false Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> LR14.2.SC
Description: Alarm 48Va deassert		
Remedial action: See the nodal documentation for more information.		

Table 27-100 BladeHardware_alarm48VbAssert

Alarm	Attributes	Applicable major releases
Name: BladeHardware_alarm48VbAssert (5863) Type: equipmentAlarm (3) Package: femto Raised on class: femto.BladeHardware	Severity: minor Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> LR14.2.SC
Description: Alarm 48Vb assert		
Remedial action: See the nodal documentation for more information.		

Table 27-101 BladeHardware_alarm48VbDeassert

Alarm	Attributes	Applicable major releases
Name: BladeHardware_alarm48VbDeassert (5864) Type: equipmentAlarm (3) Package: femto Raised on class: femto.BladeHardware	Severity: minor Implicitly cleared: false Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> LR14.2.SC
Description: Alarm 48Vb deassert		
Remedial action: See the nodal documentation for more information.		

Table 27-102 BladeHardware_bootOkAssert

Alarm	Attributes	Applicable major releases
Name: BladeHardware_bootOkAssert (5865) Type: equipmentAlarm (3) Package: femto Raised on class: femto.BladeHardware	Severity: minor Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> LR14.2.SC
Description: Boot OK assert		
Remedial action: See the nodal documentation for more information.		

Table 27-103 BladeHardware_bootOkDeassert

Alarm	Attributes	Applicable major releases
Name: BladeHardware_bootOkDeassert (5866) Type: equipmentAlarm (3) Package: femto Raised on class: femto.BladeHardware	Severity: minor Implicitly cleared: false Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> LR14.2.SC

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Alarm	Attributes	Applicable major releases
Description: Boot OK deassert		
Remedial action: See the nodal documentation for more information.		

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Table 27-104 BladeHardware_ipmbPhysicalAssert

Alarm	Attributes	Applicable major releases
Name: BladeHardware_ipmbPhysicalAssert (5867) Type: equipmentAlarm (3) Package: femto Raised on class: femto.BladeHardware	Severity: minor Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> LR14.2.SC
Description: IPMB physical assert		
Remedial action: See the nodal documentation for more information.		

Table 27-105 BladeHardware_ipmbPhysicalDeassert

Alarm	Attributes	Applicable major releases
Name: BladeHardware_ipmbPhysicalDeassert (5868) Type: equipmentAlarm (3) Package: femto Raised on class: femto.BladeHardware	Severity: minor Implicitly cleared: false Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> LR14.2.SC
Description: IPMB physical deassert		
Remedial action: See the nodal documentation for more information.		

Table 27-106 BladeHardware_lm75localTempCriticalAssert

Alarm	Attributes	Applicable major releases
Name: BladeHardware_lm75localTempCriticalAssert (5871) Type: equipmentAlarm (3) Package: femto Raised on class: femto.BladeHardware	Severity: critical Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> LR14.2.SC
Description: LM 75 local temperature critical assert		
Remedial action: See the nodal documentation for more information.		

Table 27-107 BladeHardware_Im75localTempCriticalAssLMert

Alarm	Attributes	Applicable major releases
Name: BladeHardware_Im75localTempCriticalAssLMert (5870) Type: equipmentAlarm (3) Package: femto Raised on class: femto.BladeHardware	Severity: critical Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> LR14.2.SC
Description: LM 75 local temperature critical assert		
Remedial action: See the nodal documentation for more information.		

Table 27-108 BladeHardware_Im75localTempCriticalDeassert

Alarm	Attributes	Applicable major releases
Name: BladeHardware_Im75localTempCriticalDeassert (5873) Type: equipmentAlarm (3) Package: femto Raised on class: femto.BladeHardware	Severity: minor Implicitly cleared: false Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> LR14.2.SC
Description: LM 75 local temperature critical deassert		
Remedial action: See the nodal documentation for more information.		

Table 27-109 BladeHardware_Im75localTempCriticalDeassLMert

Alarm	Attributes	Applicable major releases
Name: BladeHardware_Im75localTempCriticalDeassLMert (5872) Type: equipmentAlarm (3) Package: femto Raised on class: femto.BladeHardware	Severity: minor Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> LR14.2.SC
Description: LM 75 local temperature critical deassert		
Remedial action: See the nodal documentation for more information.		

Table 27-110 BladeHardware_Im75LocalTempMajorAssert

Alarm	Attributes	Applicable major releases
Name: BladeHardware_Im75LocalTempMajorAssert (5869) Type: equipmentAlarm (3) Package: femto Raised on class: femto.BladeHardware	Severity: major Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> LR14.2.SC
Description: LM 75 local temperature major assert		
Remedial action: See the nodal documentation for more information.		

Table 27-111 BladeHardware_Im75localTempMajorDeassert

Alarm	Attributes	Applicable major releases
Name: BladeHardware_Im75localTempMajorDeassert (5874) Type: equipmentAlarm (3) Package: femto Raised on class: femto.BladeHardware	Severity: minor Implicitly cleared: false Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> LR14.2.SC
Description: LM 75 local temperature major deassert		
Remedial action: See the nodal documentation for more information.		

Table 27-112 BladeHardware_Im75localTempMinorAssert

Alarm	Attributes	Applicable major releases
Name: BladeHardware_Im75localTempMinorAssert (5875) Type: equipmentAlarm (3) Package: femto Raised on class: femto.BladeHardware	Severity: minor Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> LR14.2.SC
Description: LM 75 local temperature minor assert		
Remedial action: See the nodal documentation for more information.		

Table 27-113 BladeHardware_lm75localTempMinorDeassert

Alarm	Attributes	Applicable major releases
Name: BladeHardware_lm75localTempMinorDeassert (5876) Type: equipmentAlarm (3) Package: femto Raised on class: femto.BladeHardware	Severity: minor Implicitly cleared: false Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> LR14.2.SC
Description: LM 75 local temperature minor deassert		
Remedial action: See the nodal documentation for more information.		

Table 27-114 BladeHardware_ncpuFatalErrAssert

Alarm	Attributes	Applicable major releases
Name: BladeHardware_ncpuFatalErrAssert (5877) Type: equipmentAlarm (3) Package: femto Raised on class: femto.BladeHardware	Severity: major Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> LR14.2.SC
Description: NCPU fatal assert		
Remedial action: See the nodal documentation for more information.		

Table 27-115 BladeHardware_ncpuFatalErrDeassert

Alarm	Attributes	Applicable major releases
Name: BladeHardware_ncpuFatalErrDeassert (5878) Type: equipmentAlarm (3) Package: femto Raised on class: femto.BladeHardware	Severity: minor Implicitly cleared: false Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> LR14.2.SC
Description: NCPU fatal deassert		
Remedial action: See the nodal documentation for more information.		

Table 27-116 BladeHardware_powerConsumptionMinor

Alarm	Attributes	Applicable major releases
Name: BladeHardware_powerConsumptionMinor (5879) Type: equipmentAlarm (3) Package: femto Raised on class: femto.BladeHardware	Severity: minor Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> LR14.2.SC
Description: Power consumption minor		
Remedial action: See the nodal documentation for more information.		

Table 27-117 BladeHardware_switchConnectionLost

Alarm	Attributes	Applicable major releases
Name: BladeHardware_switchConnectionLost (5880) Type: equipmentAlarm (3) Package: femto Raised on class: femto.BladeHardware	Severity: critical Implicitly cleared: false Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> LR14.2.SC
Description: Switch connection lost		
Remedial action: See the nodal documentation for more information.		

Table 27-118 BootableConfigBackupFailed

Alarm	Attributes	Applicable major releases
Name: BootableConfigBackupFailed (103) Type: configurationAlarm (11) Package: sw Raised on class: sw.BackupRestoreManager	Severity: major Implicitly cleared: true Default probable cause: fileTransferFailure (89)	<ul style="list-style-type: none"> LR14.2.SC
Description: The alarm is raised when the 5620 SAM fails to back up a set of NE configuration files.		
Raising condition: ('Backup State' EQUAL 'Failure')		
Clearing condition: ('Backup State' EQUAL 'Success')		
Remedial action: Investigation is required to resolve the following possible scenarios: insufficient disk space is available to accommodate the NE configuration files (additional SAM platform alarms will accompany this alarm); the NE is unreachable (including underlying transport network issue); loss of connectivity to the NE during transfer; the FTP daemon on the NE may have stopped; FTP security credential issues.		

Table 27-119 BootableConfigRestoreFailed

Alarm	Attributes	Applicable major releases
Name: BootableConfigRestoreFailed (104) Type: configurationAlarm (11) Package: sw Raised on class: sw.BackupRestoreManager	Severity: major Implicitly cleared: true Default probable cause: fileTransferFailure (89)	<ul style="list-style-type: none"> LR14.2.SC
Description: The alarm is raised when the 5620 SAM fails to restore a set of NE configuration files.		
Raising condition: ('Restore State' EQUAL 'Failure')		
Clearing condition: ('Restore State' EQUAL 'Success')		
Remedial action: Investigation is required to resolve the following possible scenarios: the NE is unreachable (including underlying transport network issue); loss of connectivity to the NE during transfer; the FTP daemon on the NE may have stopped; FTP security credential issues.		

Table 27-120 BootParametersMisconfigured

Alarm	Attributes	Applicable major releases
Name: BootParametersMisconfigured (35) Type: configurationAlarm (11) Package: netw Raised on class: netw.NetworkElement	Severity: critical Implicitly cleared: true Default probable cause: persistentIndexFailure (30) Applicable probable causes: <ul style="list-style-type: none"> persistentIndexFailure configFileBootFailure 	<ul style="list-style-type: none"> LR14.2.SC
Description: The alarm is raised when the SNMP Index Boot Status on an NE is not set to Persistent.		
Raising condition: (('isGenericNode' EQUAL 'false') AND ('State' NOT EQUAL 'Pre-provisioned') AND (('Config File Status' NOT EQUAL 'Executed Successfully') AND ('Config File Status' NOT EQUAL 'configFileStatus_unspecified')) OR (('Persistent Index Status' NOT EQUAL 'Rebuild Succeeded') AND ('Persistent Index Status' NOT EQUAL 'persistentIndexStatus_unspecified'))))		
Clearing condition: (('Config File Status' EQUAL 'Executed Successfully') AND ('Persistent Index Status' EQUAL 'Rebuild Succeeded'))		
Remedial action: Ensure that "SNMP Index Boot Status" is persistent (using cli command "show system information" on the NE). If not, unmanage the network element from SAM, ensure that "persist on" is set in the bof file, save the bof, save a config file, verify that an index file (.ndx) is saved as well, reboot the router, verify that SNMP Index Boot Status is persistent and finally remanage the router from SAM.		

Table 27-121 BPG_noBpgMapping

Alarm	Attributes	Applicable major releases
Name: BPG_noBpgMapping (5765) Type: processingErrorAlarm (81) Package: femto Raised on class: femto.BPG	Severity: major Implicitly cleared: false Default probable cause: applicationSubsystemFailure (689)	<ul style="list-style-type: none"> LR14.2.SC

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Alarm	Attributes	Applicable major releases
Description: This fault is generated when the BPG function receives a user plane packet which gets discarded due to there being no associated binding in the BPG mapping table.		
Remedial action: See the nodal documentation for more information.		

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Table 27-122 BSG_aBSGUERegTableFull

Alarm	Attributes	Applicable major releases
Name: BSG_aBSGUERegTableFull (5766) Type: equipmentAlarm (3) Package: femto Raised on class: femto.BSG	Severity: major Implicitly cleared: true Default probable cause: applicationSubsystemFailure (689)	<ul style="list-style-type: none"> LR14.2.SC
Description: This fault is generated when the UE Registration Table has become full and existing entries have been discarded to make space for new entries		
Remedial action: See the nodal documentation for more information.		

Table 27-123 BSG_allocationOfStreamFail

Alarm	Attributes	Applicable major releases
Name: BSG_allocationOfStreamFail (5767) Type: qualityOfServiceAlarm (82) Package: femto Raised on class: femto.BSG	Severity: major Implicitly cleared: false Default probable cause: congestion (694)	<ul style="list-style-type: none"> LR14.2.SC
Description: This fault is generated when SCGW fails to allocate requested stream ID by BSR		
Remedial action: See the nodal documentation for more information.		

Table 27-124 BSG_bsgppPagingHighRateExceeded

Alarm	Attributes	Applicable major releases
Name: BSG_bsgppPagingHighRateExceeded (5768) Type: processingErrorAlarm (81) Package: femto Raised on class: femto.BSG	Severity: major Implicitly cleared: true Default probable cause: thresholdCrossed (12)	<ul style="list-style-type: none"> LR14.2.SC
Description: This alarm is raised when the number of bsgpp Batch Paging messages processed per second has exceeded its High limit. Batch Paging is either greater than the configurable high CPU utilization or greater than the configurable High Batch Paging message rate. The number of Batch Paging messages sent shall be degraded to a rate within bounds.		
Remedial action: See the nodal documentation for more information.		

Table 27-125 BSG_bsgppPagingLowRateExceeded

Alarm	Attributes	Applicable major releases
Name: BSG_bsgppPagingLowRateExceeded (5769) Type: processingErrorAlarm (81) Package: femto Raised on class: femto.BSG	Severity: warning Implicitly cleared: true Default probable cause: thresholdCrossed (12)	<ul style="list-style-type: none"> LR14.2.SC
Description: This alarm is raised when the number of bsgpp Batch Paging messages processed per second has exceeded its Low limit. Batch Paging is either greater than the configurable low CPU utilization or greater than the configurable Low Batch Paging message rate.		
Remedial action: See the nodal documentation for more information.		

Table 27-126 BSG_bsrOutOfService

Alarm	Attributes	Applicable major releases
Name: BSG_bsrOutOfService (5770) Type: equipmentAlarm (3) Package: femto Raised on class: femto.BSG	Severity: major Implicitly cleared: true Default probable cause: operationalCondition (2441)	<ul style="list-style-type: none"> LR14.2.SC
Description: This alarm is triggered for BSRs which have not registered with the SCGW during either the bsrRegisterAfterFailureTimer period or the bsrRegisterAfterInitTimer period and which have the BSR::enableServiceMonitoringattribute set to True.		
Remedial action: See the nodal documentation for more information.		

Table 27-127 BSG_cellBroadcastConflictingServiceArea

Alarm	Attributes	Applicable major releases
Name: BSG_cellBroadcastConflictingServiceArea (5771) Type: processingErrorAlarm (81) Package: femto Raised on class: femto.BSG	Severity: major Implicitly cleared: false Default probable cause: configurationOrCustomizationError (902)	<ul style="list-style-type: none"> LR14.2.SC
Description: This alarm shall be raised when a Small Cell registers a Broadcast Service Area Identifier already in use by another Small Cell.		
Remedial action: See the nodal documentation for more information.		

Table 27-128 BSG_cellBroadcastInvalidServiceArea

Alarm	Attributes	Applicable major releases
Name: BSG_cellBroadcastInvalidServiceArea (5772) Type: processingErrorAlarm (81) Package: femto Raised on class: femto.BSG	Severity: major Implicitly cleared: false Default probable cause: configurationOrCustomizationError (902)	<ul style="list-style-type: none"> LR14.2.SC
Description: This alarm shall be raised when a Small Cell attempts to register a Broadcast Service Area Identifier which does not correspond to the one provisioned for that Small Cell.		
Remedial action: See the nodal documentation for more information.		

Table 27-129 BSG_collapsingLAI

Alarm	Attributes	Applicable major releases
Name: BSG_collapsingLAI (5773) Type: processingErrorAlarm (81) Package: femto Raised on class: femto.BSG	Severity: minor Implicitly cleared: false Default probable cause: configurationOrCustomizationError (902)	<ul style="list-style-type: none"> LR14.2.SC
Description: This alarm is raised when a SC requests the identity of a PSC/UARFCN that can only be matched to an entry from a different SC group, but with the same LAI		
Remedial action: Check LAI planning and consider changing LAI of one of the impacted SC groups. This alarm is manually cleared from the OAM system.		

Table 27-130 BSG_differentLacRacSameGroup

Alarm	Attributes	Applicable major releases
Name: BSG_differentLacRacSameGroup (5774) Type: processingErrorAlarm (81) Package: femto Raised on class: femto.BSG	Severity: warning Implicitly cleared: false Default probable cause: configurationOrCustomizationError (902)	<ul style="list-style-type: none"> LR14.2.SC
Description: This alarm is raised when a Femto belonging to a Group has tried to register with a different Macro LAC RAC than other Femtos belonging to the same Group.		
Remedial action: See the nodal documentation for more information.		

Table 27-131 BSG_differentMacroLacRacDetected

Alarm	Attributes	Applicable major releases
Name: BSG_differentMacroLacRacDetected (5775) Type: processingErrorAlarm (81) Package: femto Raised on class: femto.BSG	Severity: major Implicitly cleared: false Default probable cause: configurationOrCustomizationError (902)	<ul style="list-style-type: none"> LR14.2.SC
Description: This alarm is raised when Femto registration contains a Macro LAC RAC that is not provisioned on the BSG..		
Remedial action: See the nodal documentation for more information.		

Table 27-132 BSG_droppingRANAPTraffic

Alarm	Attributes	Applicable major releases
Name: BSG_droppingRANAPTraffic (5776) Type: qualityOfServiceAlarm (82) Package: femto Raised on class: femto.BSG	Severity: critical Implicitly cleared: true Default probable cause: resourceAtOrNearingCapacity (715)	<ul style="list-style-type: none"> LR14.2.SC
Description: This fault is generated when SCGW drops RANAP traffic since SCGW CPU/Memory utilization has crossed maximum threshold		
Remedial action: See the nodal documentation for more information.		

Table 27-133 BSG_failedIMSI Retrieval

Alarm	Attributes	Applicable major releases
Name: BSG_failedIMSI Retrieval (5777) Type: equipmentAlarm (3) Package: femto Raised on class: femto.BSG	Severity: major Implicitly cleared: false Default probable cause: applicationSubsystemFailure (689)	<ul style="list-style-type: none"> LR14.2.SC
Description: This fault is generated when the SCGW is not able to retrieve the IMSI directory entries		
Remedial action: See the nodal documentation for more information.		

Table 27-134 BSG_failedToDecodeMSCSentMsg

Alarm	Attributes	Applicable major releases
Name: BSG_failedToDecodeMSCSentMsg (5778) Type: communicationsAlarm (4) Package: femto Raised on class: femto.BSG	Severity: critical Implicitly cleared: false Default probable cause: communicationsProtocolError (901)	<ul style="list-style-type: none"> LR14.2.SC
Description: This fault is triggered when SCGW fails to decode messages sent by 3G-MSC		
Remedial action: See the nodal documentation for more information.		

Table 27-135 BSG_failedToSendDataToBSR

Alarm	Attributes	Applicable major releases
Name: BSG_failedToSendDataToBSR (5779) Type: communicationsAlarm (4) Package: femto Raised on class: femto.BSG	Severity: critical Implicitly cleared: false Default probable cause: communicationsProtocolError (901)	<ul style="list-style-type: none"> LR14.2.SC
Description: This fault is generated when SCGW fails to send data to BSR		
Remedial action: See the nodal documentation for more information.		

Table 27-136 BSG_failedToSendDataToMSC

Alarm	Attributes	Applicable major releases
Name: BSG_failedToSendDataToMSC (5780) Type: communicationsAlarm (4) Package: femto Raised on class: femto.BSG	Severity: critical Implicitly cleared: false Default probable cause: communicationsProtocolError (901)	<ul style="list-style-type: none"> LR14.2.SC
Description: This fault is generated when SCGW fails to send data to 3G-MSC		
Remedial action: See the nodal documentation for more information.		

Table 27-137 BSG_hnbIntegrityViolation

Alarm	Attributes	Applicable major releases
Name: BSG_hnbIntegrityViolation (5781) Type: securityServiceOrMechanismViolation (92) Package: femto Raised on class: femto.BSG	Severity: major Implicitly cleared: false Default probable cause: authenticationFailure (786)	<ul style="list-style-type: none"> LR14.2.SC

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Alarm	Attributes	Applicable major releases
Description: This fault is generated when BSG has detected a mismatch between the registration parameters received from the BSR and the provisioned BSR parameters. At least one of the following parameters might have been manipulated:- Cell-Id,- HNB Identity		
Remedial action: See the nodal documentation for more information.		

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Table 27-138 BSG_imsiDirectoryFull

Alarm	Attributes	Applicable major releases
Name: BSG_imsiDirectoryFull (5782) Type: qualityOfServiceAlarm (82) Package: femto Raised on class: femto.BSG	Severity: major Implicitly cleared: true Default probable cause: resourceAtOrNearingCapacity (715)	<ul style="list-style-type: none"> LR14.2.SC
Description: This fault is generated when the IMSI directory has become full and existing entries have been discarded to make space for new entries		
Remedial action: See the nodal documentation for more information.		

Table 27-139 BSG_incomingHoProvisionError

Alarm	Attributes	Applicable major releases
Name: BSG_incomingHoProvisionError (5783) Type: processingErrorAlarm (81) Package: femto Raised on class: femto.BSG	Severity: major Implicitly cleared: false Default probable cause: configurationOrCustomizationError (902)	<ul style="list-style-type: none"> LR14.2.SC
Description: This alarm is raised if the Target BSR Selection Algorithm has incorrect data provisioned for incoming HO on a particular RAT, when incoming HO is enabled for that RAT,		
Remedial action: See the nodal documentation for more information.		

Table 27-140 BSG_invalidBSRIdInBSRRegistrationMessage

Alarm	Attributes	Applicable major releases
Name: BSG_invalidBSRIdInBSRRegistrationMessage (5784) Type: communicationsAlarm (4) Package: femto Raised on class: femto.BSG	Severity: major Implicitly cleared: false Default probable cause: communicationsProtocolError (901)	<ul style="list-style-type: none"> LR14.2.SC
Description: This fault is generated when SCGW receives BSR registration message with already registered BSR ID and different IP Sec address		

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Alarm	Attributes	Applicable major releases
Remedial action: See the nodal documentation for more information.		

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Table 27-141 BSG_invalidMocnConfiguration

Alarm	Attributes	Applicable major releases
Name: BSG_invalidMocnConfiguration (5785) Type: processingErrorAlarm (81) Package: femto Raised on class: femto.BSG	Severity: minor Implicitly cleared: false Default probable cause: configurationOrCustomizationError (902)	<ul style="list-style-type: none"> LR14.2.SC
Description: This alarm shall be raised when CS or PS region is not assigned or CN Node for selected operator is not configured in the region for split NRIs based MOCN operator selection		
Remedial action: See the nodal documentation for more information.		

Table 27-142 BSG_macroLacRacNotAllowed

Alarm	Attributes	Applicable major releases
Name: BSG_macroLacRacNotAllowed (5786) Type: processingErrorAlarm (81) Package: femto Raised on class: femto.BSG	Severity: major Implicitly cleared: false Default probable cause: configurationOrCustomizationError (902)	<ul style="list-style-type: none"> LR14.2.SC
Description: Femto registration contains a Macro LAC RAC that is not allowed by this Femto.		
Remedial action: See the nodal documentation for more information.		

Table 27-143 BSG_massBsrCsCnConnLost

Alarm	Attributes	Applicable major releases
Name: BSG_massBsrCsCnConnLost (5787) Type: communicationsAlarm (4) Package: femto Raised on class: femto.BSG	Severity: critical Implicitly cleared: true Default probable cause: remoteNodeTransmissionError (714)	<ul style="list-style-type: none"> LR14.2.SC
Description: A significant number of Femto BSRs have detected a loss of connectivity to the CS Core Network, even though their transport layer is still connected.		
Remedial action: See the nodal documentation for more information.		

Table 27-144 BSG_massBsrOutOfService

Alarm	Attributes	Applicable major releases
Name: BSG_massBsrOutOfService (5788) Type: equipmentAlarm (3) Package: femto Raised on class: femto.BSG	Severity: major Implicitly cleared: true Default probable cause: operationalCondition (2441)	<ul style="list-style-type: none"> LR14.2.SC
Description: This alarm is triggered when the number of active bsrOutOfService alarms reaches the threshold defined by the BSG::maxNumBSRServiceAlarms attribute		
Remedial action: See the nodal documentation for more information.		

Table 27-145 BSG_maximumImsiListThresholdExceeded

Alarm	Attributes	Applicable major releases
Name: BSG_maximumImsiListThresholdExceeded (5789) Type: qualityOfServiceAlarm (82) Package: femto Raised on class: femto.BSG	Severity: critical Implicitly cleared: true Default probable cause: resourceAtOrNearingCapacity (715)	<ul style="list-style-type: none"> LR14.2.SC
Description: This alarm is raised whenever the number of IMSIs in the ACL lists defined on the SCGW has exceeded the maximum threshold defined by attribute maximumIMSIList. The alarm is automatically cleared whenever the number falls below this threshold.		
Remedial action: The operator must do a manual clearance. This alarm gets cleared when total number of IMSIs in the ACL lists defined on the SCGW falls below the maximumIMSIList value.		

Table 27-146 BSG_minimumImsiListThresholdExceeded

Alarm	Attributes	Applicable major releases
Name: BSG_minimumImsiListThresholdExceeded (5790) Type: qualityOfServiceAlarm (82) Package: femto Raised on class: femto.BSG	Severity: major Implicitly cleared: true Default probable cause: resourceAtOrNearingCapacity (715)	<ul style="list-style-type: none"> LR14.2.SC
Description: This alarm is raised whenever the number of IMSIs in the ACL lists defined on the SCGW has exceeded the minimum threshold defined by attribute minimumIMSIList. The alarm is automatically cleared whenever the number falls below this threshold.		
Remedial action: The operator must do a manual clearance. This alarm gets cleared when total number of IMSIs in the ACL lists defined on the BSR Gateway falls below the minimumIMSIList value.		

Table 27-147 BSG_newBSRRegistrationRejectedDueToOverload

Alarm	Attributes	Applicable major releases
Name: BSG_newBSRRegistrationRejectedDueToOverload (5791) Type: qualityOfServiceAlarm (82) Package: femto Raised on class: femto.BSG	Severity: critical Implicitly cleared: true Default probable cause: resourceAtOrNearingCapacity (715)	<ul style="list-style-type: none"> LR14.2.SC
Description: This fault is generated when SCGW rejects new BSR registration due to overload		
Remedial action: See the nodal documentation for more information.		

Table 27-148 BSG_newRANAPCallRejectedDueToOverload

Alarm	Attributes	Applicable major releases
Name: BSG_newRANAPCallRejectedDueToOverload (5792) Type: qualityOfServiceAlarm (82) Package: femto Raised on class: femto.BSG	Severity: critical Implicitly cleared: true Default probable cause: resourceAtOrNearingCapacity (715)	<ul style="list-style-type: none"> LR14.2.SC
Description: This fault is generated when SCGW rejects RANAP calls due to overload		
Remedial action: See the nodal documentation for more information.		

Table 27-149 BSG_pagingRecordLimitExceeded

Alarm	Attributes	Applicable major releases
Name: BSG_pagingRecordLimitExceeded (5793) Type: processingErrorAlarm (81) Package: femto Raised on class: femto.BSG	Severity: major Implicitly cleared: true Default probable cause: thresholdCrossed (12)	<ul style="list-style-type: none"> LR14.2.SC
Description: This alarm is raised when the number of Paging messages for the same Macro LAC RAC per Batch has exceeded its limit.		
Remedial action: See the nodal documentation for more information.		

Table 27-150 BSG_pscInconsistent

Alarm	Attributes	Applicable major releases
Name: BSG_pscInconsistent (5794) Type: processingErrorAlarm (81) Package: femto Raised on class: femto.BSG	Severity: minor Implicitly cleared: false Default probable cause: configurationOrCustomizationError (902)	<ul style="list-style-type: none"> LR14.2.SC
Description: This alarm is raised if PSC consistency is not maintained at BSR registration for open access BSR with incoming HO enabled.		
Remedial action: See the nodal documentation for more information.		

Table 27-151 BSG_ranapPagingHighRateExceeded

Alarm	Attributes	Applicable major releases
Name: BSG_ranapPagingHighRateExceeded (5795) Type: processingErrorAlarm (81) Package: femto Raised on class: femto.BSG	Severity: major Implicitly cleared: true Default probable cause: thresholdCrossed (12)	<ul style="list-style-type: none"> LR14.2.SC
Description: This alarm is raised when the number of RANAP Paging messages per second received has exceeded its High limit. RANAP Paging messages above this limit shall be dropped.		
Remedial action: See the nodal documentation for more information.		

Table 27-152 BSG_ranapPagingLowRateExceeded

Alarm	Attributes	Applicable major releases
Name: BSG_ranapPagingLowRateExceeded (5796) Type: processingErrorAlarm (81) Package: femto Raised on class: femto.BSG	Severity: warning Implicitly cleared: true Default probable cause: thresholdCrossed (12)	<ul style="list-style-type: none"> LR14.2.SC
Description: This alarm is raised when the number of RANAP Paging messages per second received has exceeded its Low limit.		
Remedial action: See the nodal documentation for more information.		

Table 27-153 BSG_rangeOfStreamIdFromMSCNotSupported

Alarm	Attributes	Applicable major releases
Name: BSG_rangeOfStreamIdFromMSCNotSupported (5797) Type: communicationsAlarm (4) Package: femto Raised on class: femto.BSG	Severity: major Implicitly cleared: false Default probable cause: communicationsProtocolError (901)	<ul style="list-style-type: none"> LR14.2.SC
Description: This fault is generated when SCGW receives RANAP message with invalid stream ID on the SCTP association from the 3G-MSC		
Remedial action: See the nodal documentation for more information.		

Table 27-154 BSG_rangeOfStreamIdNotSupported

Alarm	Attributes	Applicable major releases
Name: BSG_rangeOfStreamIdNotSupported (5798) Type: communicationsAlarm (4) Package: femto Raised on class: femto.BSG	Severity: major Implicitly cleared: false Default probable cause: communicationsProtocolError (901)	<ul style="list-style-type: none"> LR14.2.SC
Description: This fault is generated when SCGW receives STRMGR PDU with invalid stream ID from the BSR		
Remedial action: See the nodal documentation for more information.		

Table 27-155 BSG_receivedInvalidBSRRegistrationMessage

Alarm	Attributes	Applicable major releases
Name: BSG_receivedInvalidBSRRegistrationMessage (5799) Type: communicationsAlarm (4) Package: femto Raised on class: femto.BSG	Severity: minor Implicitly cleared: false Default probable cause: communicationsProtocolError (901)	<ul style="list-style-type: none"> LR14.2.SC
Description: This fault is generated when SCGW receives invalid BSR registration message from BSR		
Remedial action: See the nodal documentation for more information.		

Table 27-156 BSG_registrationOfBSRFailed

Alarm	Attributes	Applicable major releases
Name: BSG_registrationOfBSRFailed (5800) Type: processingErrorAlarm (81) Package: femto Raised on class: femto.BSG	Severity: major Implicitly cleared: false Default probable cause: configurationOrCustomizationError (902)	<ul style="list-style-type: none"> LR14.2.SC
Description: This fault is generated when SCGW fails to register a valid BSR registration request due to some configuration errors in SCGW		
Remedial action: See the nodal documentation for more information.		

Table 27-157 BVG_noBvgMapping

Alarm	Attributes	Applicable major releases
Name: BVG_noBvgMapping (5860) Type: processingErrorAlarm (81) Package: femto Raised on class: femto.BVG	Severity: major Implicitly cleared: false Default probable cause: applicationSubsystemFailure (689)	<ul style="list-style-type: none"> LR14.2.SC
Description: This fault is generated when the BVG function receives a user plane packet which gets discarded due to there being no associated binding in the BVG mapping table.		
Remedial action: See the nodal documentation for more information.		

Table 27-158 ClientDelegateServerStatus

Alarm	Attributes	Applicable major releases
Name: ClientDelegateServerStatus (731) Type: communicationsAlarm (4) Package: server Raised on class: server.ClientDelegateServer	Severity: critical Implicitly cleared: true Default probable cause: systemFailed (144)	<ul style="list-style-type: none"> LR14.2.SC
Description: The alarm is raised when a client delegate server is unreachable.		
Raising condition: ('Server Status' EQUAL 'Down')		
Clearing condition: ('Server Status' EQUAL 'Up')		
Remedial action: Informational - if the alarm persists or is occurring frequently then investigation is required to understand why the connectivity between the client delegate platform and SAM servers is unreliable or the client delegate server itself is unreliable.		

Table 27-159 ContainingEquipmentAdministrativelyDown

Alarm	Attributes	Applicable major releases
Name: ContainingEquipmentAdministrativelyDown (466) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.Port	Severity: minor Implicitly cleared: true Default probable cause: containingEquipmentAdministrativelyDown (330)	<ul style="list-style-type: none"> LR14.2.SC
Description: The alarm is raised when the compositeEquipmentState attribute has a value of containingEquipmentAdministrativelyDown.		
Raising condition: (('Status' EQUAL 'Parent Admin Down') AND ('isTerminatable' EQUAL 'true'))		
Clearing condition: (('Status' NOT EQUAL 'Parent Admin Down') OR ('isTerminatable' NOT EQUAL 'true'))		
Remedial action: Informational - no corrective action required.		

Table 27-160 ContainingEquipmentMismatch

Alarm	Attributes	Applicable major releases
Name: ContainingEquipmentMismatch (464) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.Port	Severity: major Implicitly cleared: true Default probable cause: containingEquipmentMismatch (328)	<ul style="list-style-type: none"> LR14.2.SC
Description: The alarm is raised when the compositeEquipmentState attribute has a value of containingEquipmentMismatch.		
Raising condition: (('Status' EQUAL 'Parent Type Mismatch') AND ('isTerminatable' EQUAL 'true'))		
Clearing condition: (('Status' NOT EQUAL 'Parent Type Mismatch') OR ('isTerminatable' NOT EQUAL 'true'))		
Remedial action: A configuration error has occurred which must be corrected. The card type configured for the slot identified in the alarm must match the installed card type.		

Table 27-161 ContainingEquipmentOperationallyDown

Alarm	Attributes	Applicable major releases
Name: ContainingEquipmentOperationallyDown (465) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.Port	Severity: major Implicitly cleared: true Default probable cause: containingEquipmentDown (329)	<ul style="list-style-type: none"> LR14.2.SC
Description: The alarm is raised when the compositeEquipmentState attribute has a value of containingEquipmentOperationallyDown.		
Raising condition: (('Status' EQUAL 'Parent Oper Down') AND ('isTerminatable' EQUAL 'true'))		
Clearing condition: (('Status' NOT EQUAL 'Parent Oper Down') OR ('isTerminatable' NOT EQUAL 'true'))		

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Alarm	Attributes	Applicable major releases
Remedial action: The operational state of the equipment element indicated in the alarm is down. This may be due to the element's administrative state or it may indicate that the element has failed.		

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Table 27-162 CorruptImageFile

Alarm	Attributes	Applicable major releases
Name: CorruptImageFile (171) Type: configurationAlarm (11) Package: mediation Raised on class: mediation.AbstractSoftwareFolderDescriptor	Severity: critical Implicitly cleared: true Default probable cause: invalidOrCorruptImageFile (134)	<ul style="list-style-type: none"> LR14.2.SC
Description: The alarm is raised when one or more files in the 5620 SAM software image specified for a device software upgrade is invalid, corrupt or absent. The 5620 SAM validates a device software file set before it imports the file set and distributes it to an NE. Ensure that the file set downloads properly to the NE and is not tampered with before you re-attempt the upgrade. The alarm clears when a valid file set is on the NE and the 5620 SAM activates the software image in the file set.		
Raising condition: ('isImageValid' EQUAL 'false')		
Clearing condition: ('isImageValid' EQUAL 'true')		
Remedial action: The existing SW image in the SAM database should be replaced with an image that is known to be complete and valid.		

Table 27-163 CPU_memTempMajor

Alarm	Attributes	Applicable major releases
Name: CPU_memTempMajor (5895) Type: equipmentAlarm (3) Package: femto Raised on class: femto.CPU	Severity: major Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> LR14.2.SC
Description: Memory temperature Major		
Remedial action: See the nodal documentation for more information.		

Table 27-164 CPU_presenceAssert

Alarm	Attributes	Applicable major releases
Name: CPU_presenceAssert (5896) Type: physicalViolation (91) Package: femto Raised on class: femto.CPU	Severity: minor Implicitly cleared: true Default probable cause: intrusionDetection (670)	<ul style="list-style-type: none"> LR14.2.SC

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Alarm	Attributes	Applicable major releases
Description: Presence assert		
Remedial action: See the nodal documentation for more information.		

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Table 27-165 CPU_presenceDeassert

Alarm	Attributes	Applicable major releases
Name: CPU_presenceDeassert (5897) Type: physicalViolation (91) Package: femto Raised on class: femto.CPU	Severity: minor Implicitly cleared: false Default probable cause: intrusionDetection (670)	<ul style="list-style-type: none"> LR14.2.SC
Description: Presence de-assert		
Remedial action: See the nodal documentation for more information.		

Table 27-166 CPU_tempCritical

Alarm	Attributes	Applicable major releases
Name: CPU_tempCritical (5898) Type: equipmentAlarm (3) Package: femto Raised on class: femto.CPU	Severity: critical Implicitly cleared: false Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> LR14.2.SC
Description: Temperature Critical		
Remedial action: See the nodal documentation for more information.		

Table 27-167 CPU_tempMajor

Alarm	Attributes	Applicable major releases
Name: CPU_tempMajor (5899) Type: equipmentAlarm (3) Package: femto Raised on class: femto.CPU	Severity: major Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> LR14.2.SC
Description: Temperature Major		
Remedial action: See the nodal documentation for more information.		

Table 27-168 CPUInfo_configErrorAssert

Alarm	Attributes	Applicable major releases
Name: CPUInfo_configErrorAssert (5884) Type: equipmentAlarm (3) Package: femto Raised on class: femto.FGWCPUInfo	Severity: critical Implicitly cleared: true Default probable cause: processorProblem (633)	<ul style="list-style-type: none"> LR14.2.SC
Description: Configuration error assert		
Remedial action: See the nodal documentation for more information.		

Table 27-169 CPUInfo_configErrorDeassert

Alarm	Attributes	Applicable major releases
Name: CPUInfo_configErrorDeassert (5885) Type: equipmentAlarm (3) Package: femto Raised on class: femto.FGWCPUInfo	Severity: minor Implicitly cleared: false Default probable cause: processorProblem (633)	<ul style="list-style-type: none"> LR14.2.SC
Description: Configuration error de-assert		
Remedial action: See the nodal documentation for more information.		

Table 27-170 CPUInfo_disabledAssert

Alarm	Attributes	Applicable major releases
Name: CPUInfo_disabledAssert (5886) Type: equipmentAlarm (3) Package: femto Raised on class: femto.FGWCPUInfo	Severity: minor Implicitly cleared: true Default probable cause: processorProblem (633)	<ul style="list-style-type: none"> LR14.2.SC
Description: Disabled assert		
Remedial action: See the nodal documentation for more information.		

Table 27-171 CPUInfo_disabledDeassert

Alarm	Attributes	Applicable major releases
Name: CPUInfo_disabledDeassert (5887) Type: equipmentAlarm (3) Package: femto Raised on class: femto.FGWCPUInfo	Severity: minor Implicitly cleared: false Default probable cause: processorProblem (633)	<ul style="list-style-type: none"> LR14.2.SC

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Alarm	Attributes	Applicable major releases
Description: Disabled de-assert		
Remedial action: See the nodal documentation for more information.		

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Table 27-172 CPUInfo_iERRAssert

Alarm	Attributes	Applicable major releases
Name: CPUInfo_iERRAssert (5888) Type: equipmentAlarm (3) Package: femto Raised on class: femto.FGWCPUInfo	Severity: critical Implicitly cleared: true Default probable cause: processorProblem (633)	<ul style="list-style-type: none"> LR14.2.SC
Description: IERR assert		
Remedial action: See the nodal documentation for more information.		

Table 27-173 CPUInfo_iERRDeassert

Alarm	Attributes	Applicable major releases
Name: CPUInfo_iERRDeassert (5889) Type: equipmentAlarm (3) Package: femto Raised on class: femto.FGWCPUInfo	Severity: minor Implicitly cleared: false Default probable cause: processorProblem (633)	<ul style="list-style-type: none"> LR14.2.SC
Description: IERR de-assert		
Remedial action: See the nodal documentation for more information.		

Table 27-174 CPUInfo_presenceAssert

Alarm	Attributes	Applicable major releases
Name: CPUInfo_presenceAssert (5890) Type: physicalViolation (91) Package: femto Raised on class: femto.FGWCPUInfo	Severity: minor Implicitly cleared: true Default probable cause: intrusionDetection (670)	<ul style="list-style-type: none"> LR14.2.SC
Description: Presence assert		
Remedial action: See the nodal documentation for more information.		

Table 27-175 CPUInfo_presenceDeassert

Alarm	Attributes	Applicable major releases
Name: CPUInfo_presenceDeassert (5891) Type: physicalViolation (91) Package: femto Raised on class: femto.FGWCPUInfo	Severity: minor Implicitly cleared: true Default probable cause: intrusionDetection (670)	<ul style="list-style-type: none"> LR14.2.SC
Description: Presence de-assert		
Remedial action: See the nodal documentation for more information.		

Table 27-176 CPUInfo_thermakTripAssert

Alarm	Attributes	Applicable major releases
Name: CPUInfo_thermakTripAssert (5892) Type: equipmentAlarm (3) Package: femto Raised on class: femto.FGWCPUInfo	Severity: minor Implicitly cleared: true Default probable cause: processorProblem (633)	<ul style="list-style-type: none"> LR14.2.SC
Description: Thermal trip assert		
Remedial action: See the nodal documentation for more information.		

Table 27-177 CPUInfo_thermalTripAssert

Alarm	Attributes	Applicable major releases
Name: CPUInfo_thermalTripAssert (5893) Type: equipmentAlarm (3) Package: femto Raised on class: femto.FGWCPUInfo	Severity: minor Implicitly cleared: true Default probable cause: processorProblem (633)	<ul style="list-style-type: none"> LR14.2.SC
Description: Thermal trip assert		
Remedial action: Check the cooling system to ensure, that proper cooling for the processor is in place. Check whether the processor is properly secured in its slot. Reboot the system after verifying and correcting issues identified in steps 1 and 2.		

Table 27-178 CPUInfo_thermalTripDeassert

Alarm	Attributes	Applicable major releases
Name: CPUInfo_thermalTripDeassert (5894) Type: equipmentAlarm (3) Package: femto Raised on class: femto.FGWCPUInfo	Severity: minor Implicitly cleared: false Default probable cause: processorProblem (633)	<ul style="list-style-type: none"> LR14.2.SC
Description: Thermal trip de-assert		
Remedial action: See the nodal documentation for more information.		

Table 27-179 CsRegion_invalidSuperLacOverlap

Alarm	Attributes	Applicable major releases
Name: CsRegion_invalidSuperLacOverlap (5900) Type: integrityViolation (85) Package: femto Raised on class: femto.CsRegion	Severity: minor Implicitly cleared: false Default probable cause: configurationOrCustomizationError (902)	<ul style="list-style-type: none"> LR14.2.SC
Description: Incorrect configuration for superLAC values which have different superLACs for overlapping regions.		
Remedial action: See the nodal documentation for more information.		

Table 27-180 DimmSlot_deviceInstalledAssert

Alarm	Attributes	Applicable major releases
Name: DimmSlot_deviceInstalledAssert (5903) Type: equipmentAlarm (3) Package: femto Raised on class: femto.DimmSlot	Severity: minor Implicitly cleared: false Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> LR14.2.SC
Description: Device installed assert		
Remedial action: See the nodal documentation for more information.		

Table 27-181 DimmSlot_disabledAssert

Alarm	Attributes	Applicable major releases
Name: DimmSlot_disabledAssert (5904) Type: equipmentAlarm (3) Package: femto Raised on class: femto.DimmSlot	Severity: minor Implicitly cleared: false Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> LR14.2.SC

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Alarm	Attributes	Applicable major releases
Description: Disabled assert		
Remedial action: See the nodal documentation for more information.		

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Table 27-182 DimmSlot_faultStatusAssert

Alarm	Attributes	Applicable major releases
Name: DimmSlot_faultStatusAssert (5905) Type: equipmentAlarm (3) Package: femto Raised on class: femto.DimmSlot	Severity: minor Implicitly cleared: false Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> LR14.2.SC
Description: Fault status assert		
Remedial action: See the nodal documentation for more information.		

Table 27-183 DimmSlot_sparingAssert

Alarm	Attributes	Applicable major releases
Name: DimmSlot_sparingAssert (5906) Type: equipmentAlarm (3) Package: femto Raised on class: femto.DimmSlot	Severity: minor Implicitly cleared: false Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> LR14.2.SC
Description: Sparing assert		
Remedial action: See the nodal documentation for more information.		

Table 27-184 DNS_dnsServerDownNode1

Alarm	Attributes	Applicable major releases
Name: DNS_dnsServerDownNode1 (5901) Type: processingErrorAlarm (81) Package: femto Raised on class: femto.DNS	Severity: major Implicitly cleared: true Default probable cause: outOfService (798)	<ul style="list-style-type: none"> LR14.2.SC
Description: This fault is generated when the DNS server within SCGW hardware Node1 is out of service.		
Remedial action: Enter the command <code>ps -ef grep</code> to verify whether the DNS service is running on the BSR Gateway server. The alarm is manually cleared from the OAM system.		

Table 27-185 DNS_dnsServerDownNode2

Alarm	Attributes	Applicable major releases
Name: DNS_dnsServerDownNode2 (5902) Type: processingErrorAlarm (81) Package: femto Raised on class: femto.DNS	Severity: major Implicitly cleared: true Default probable cause: outOfService (798)	<ul style="list-style-type: none"> LR14.2.SC
Description: This fault is generated when the DNS server within SCGW hardware Node2 is out of service.		
Remedial action: Enter the command ps -ef grep to verify whether the DNS service is running on the BSR Gateway server. The alarm is manually cleared from the OAM system.		

Table 27-186 downgradedCardAlarm

Alarm	Attributes	Applicable major releases
Name: downgradedCardAlarm (256) Type: softwareAlarm (19) Package: equipment Raised on class: equipment.Card	Severity: warning Implicitly cleared: true Default probable cause: downgradedCard (195)	<ul style="list-style-type: none"> LR14.2.SC
Description: The alarm is raised when an IOM is not upgraded or reset after a device software upgrade of both CPMs. A device resets an IOM automatically after 120 minutes if the IOM is not manually reset after a CPM upgrade.		
Raising condition: ('operationalState' EQUAL 'Downgrade')		
Clearing condition: ('operationalState' EQUAL 'Up')		
Remedial action: Informational - no corrective action required.		

Table 27-187 EquipmentAdministrativelyDown

Alarm	Attributes	Applicable major releases
Name: EquipmentAdministrativelyDown (455) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.Equipment	Severity: minor Implicitly cleared: true Default probable cause: equipmentAdministrativelyDown (326)	<ul style="list-style-type: none"> LR14.2.SC
Description: The alarm is raised when the compositeEquipmentState attribute has a value of equipmentAdministrativelyDown.		
Raising condition: ('compositeEquipmentState' EQUAL 'Admin Down')		
Clearing condition: ('compositeEquipmentState' NOT EQUAL 'Admin Down')		
Remedial action: Informational - no corrective action required.		

Table 27-188 EquipmentDown

Alarm	Attributes	Applicable major releases
Name: EquipmentDown (10) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.Equipment	Severity: major Implicitly cleared: true Default probable cause: inoperableEquipment (8)	<ul style="list-style-type: none"> LR14.2.SC
Description: The alarm is raised when the compositeEquipmentState attribute has a value of equipmentOperationallyDown.		
Raising condition: ('compositeEquipmentState' EQUAL 'Oper Down')		
Clearing condition: ('compositeEquipmentState' NOT EQUAL 'Oper Down')		
Remedial action: This alarm indicates that a card in the NE has failed. The card must be replaced.		

Table 27-189 EquipmentFailure

Alarm	Attributes	Applicable major releases
Name: EquipmentFailure (145) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.ReplaceableUnit	Severity: critical Implicitly cleared: true Default probable cause: cardFailure (123)	<ul style="list-style-type: none"> LR14.2.SC
Description: The alarm is raised when a control processor or power-supply tray reports a failure. When the object type is ControlProcessor, a CPM may be unable to boot. When the object type is Power Supply Tray and the alarm is raised during device discovery, a power-supply tray may be out of service. When the object type is a Power Supply Tray and the device is in the managed state, a power-supply tray may be out of service or the AC power shelf has a fault condition. The alarm clears when the status changes to OK.		
Raising condition: ('operationalState' EQUAL 'Failed')		
Clearing condition: ('operationalState' NOT EQUAL 'Failed')		
Remedial action: If the alarm indicates that the CPM card has a fault, remove the card and reset it. If this does not clear the alarm then please contact Alcatel-Lucent support for assistance. If the alarm indicates that the Power Supply tray is out of service ensure that the NE is properly connected to power. If the problem persists please contact Alcatel-Lucent support for assistance.		

Table 27-190 EquipmentInTest

Alarm	Attributes	Applicable major releases
Name: EquipmentInTest (11) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.Equipment	Severity: warning Implicitly cleared: true Default probable cause: equipmentInTest (9)	<ul style="list-style-type: none"> LR14.2.SC
Description: The alarm is raised when equipment enters a diagnostic state.		
Raising condition: ('compositeEquipmentState' EQUAL 'In Test')		
Clearing condition: ('compositeEquipmentState' NOT EQUAL 'In Test')		

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Alarm	Attributes	Applicable major releases
Remedial action: Informational - no corrective action required.		

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Table 27-191 EquipmentMismatch

Alarm	Attributes	Applicable major releases
Name: EquipmentMismatch (9) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.Equipment	Severity: major Implicitly cleared: true Default probable cause: equipmentTypeMismatch (7)	<ul style="list-style-type: none"> LR14.2.SC
Description: The alarm is raised when the compositeEquipmentState attribute has a value of equipmentMismatch.		
Raising condition: ('compositeEquipmentState' EQUAL 'Type Mismatch')		
Clearing condition: ('compositeEquipmentState' NOT EQUAL 'Type Mismatch')		
Remedial action: A configuration error has occurred which must be corrected. The card type configured for the slot identified in the alarm must match the installed card type.		

Table 27-192 EquipmentRemoved

Alarm	Attributes	Applicable major releases
Name: EquipmentRemoved (8) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.Equipment	Severity: major Implicitly cleared: true Default probable cause: replaceableEquipmentRemoved (6)	<ul style="list-style-type: none"> LR14.2.SC
Description: The alarm is raised when the compositeEquipmentState attribute has a value of equipmentMissing.		
Raising condition: (((('isEquipped' EQUAL 'false') OR ('compositeEquipmentState' EQUAL 'Removed')) AND ('isEquipmentInserted' EQUAL 'true'))		
Clearing condition: (('compositeEquipmentState' NOT EQUAL 'Removed') AND ('isEquipped' EQUAL 'true'))		
Remedial action: Informational - this alarm is raised when a card is removed.		

Table 27-193 EthernetIntf_interfaceActive

Alarm	Attributes	Applicable major releases
Name: EthernetIntf_interfaceActive (5907) Type: communicationsAlarm (4) Package: femto Raised on class: femto.EthernetIntf	Severity: minor Implicitly cleared: false Default probable cause: unspecifiedReason (802)	<ul style="list-style-type: none"> LR14.2.SC

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Alarm	Attributes	Applicable major releases
Description: This fault is generated when the EthernetIntf interface is up		
Remedial action: See the nodal documentation for more information.		

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Table 27-194 EthernetIntf_interfaceFailure

Alarm	Attributes	Applicable major releases
Name: EthernetIntf_interfaceFailure (5908) Type: equipmentAlarm (3) Package: femto Raised on class: femto.EthernetIntf	Severity: critical Implicitly cleared: false Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> LR14.2.SC
Description: This fault is generated when a EthernetIntf interface failure occurs		
Remedial action: See the nodal documentation for more information.		

Table 27-195 EthernetPort_cardFailure

Alarm	Attributes	Applicable major releases
Name: EthernetPort_cardFailure (5909) Type: equipmentAlarm (3) Package: femto Raised on class: femto.EthernetPort	Severity: critical Implicitly cleared: false Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> LR14.2.SC
Description: This fault is generated when EthernetPort card failure occurs		
Remedial action: See the nodal documentation for more information.		

Table 27-196 EthernetPort_interfaceActive

Alarm	Attributes	Applicable major releases
Name: EthernetPort_interfaceActive (5910) Type: communicationsAlarm (4) Package: femto Raised on class: femto.EthernetPort	Severity: minor Implicitly cleared: false Default probable cause: unspecifiedReason (802)	<ul style="list-style-type: none"> LR14.2.SC
Description: This fault is generated when EthernetPort interface is up		
Remedial action: See the nodal documentation for more information.		

Table 27-197 ExternalEthernetIntfPort_interfaceActive

Alarm	Attributes	Applicable major releases
Name: ExternalEthernetIntfPort_interfaceActive (5911) Type: communicationsAlarm (4) Package: femto Raised on class: femto.ExternalEthernetIntfPort	Severity: minor Implicitly cleared: false Default probable cause: unspecifiedReason (802)	<ul style="list-style-type: none"> LR14.2.SC
Description: This fault is generated when the EthernetIntf interface is up		
Remedial action: The operator must do a manual clearance.		

Table 27-198 ExternalEthernetIntfPort_interfaceFailure

Alarm	Attributes	Applicable major releases
Name: ExternalEthernetIntfPort_interfaceFailure (5912) Type: equipmentAlarm (3) Package: femto Raised on class: femto.ExternalEthernetIntfPort	Severity: critical Implicitly cleared: false Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> LR14.2.SC
Description: This fault is generated when a EthernetIntf interface failure occurs		
Remedial action: The operator must do a manual clearance.		

Table 27-199 FGW_aclViolation

Alarm	Attributes	Applicable major releases
Name: FGW_aclViolation (5913) Type: securityServiceOrMechanismViolation (92) Package: femto Raised on class: femto.FGW	Severity: major Implicitly cleared: false Default probable cause: unauthorizedAccessAttempt (800)	<ul style="list-style-type: none"> LR14.2.SC
Description: This fault is generated when SCGW has detected a UE trying to get access to the network through a restricted closed access BSR even if the IMSI of the user is not listed in the ACL of the BSR.		
Remedial action: See the nodal documentation for more information.		

Table 27-200 FGW_activeFGWOAMPortFailure

Alarm	Attributes	Applicable major releases
Name: FGW_activeFGWOAMPortFailure (5914) Type: communicationsAlarm (4) Package: femto Raised on class: femto.FGW	Severity: critical Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> LR14.2.SC
Description: This alarm is reported to indicate that 1G port that is being used by SCGW OAM function has failed and SCGW shall start using other port for OAM function		
Remedial action: Investigate the cause of the 1G port failure.		

Table 27-201 FGW_agpsServiceUnavailable

Alarm	Attributes	Applicable major releases
Name: FGW_agpsServiceUnavailable (5915) Type: communicationsAlarm (4) Package: femto Raised on class: femto.FGW	Severity: major Implicitly cleared: true Default probable cause: communicationsProtocolError (901)	<ul style="list-style-type: none"> LR14.2.SC
Description: This fault is raised if the Assisted GPS Service is unavailable		
Remedial action: See the nodal documentation for more information.		

Table 27-202 FGW_automaticFailoverInitiatedByActiveNode

Alarm	Attributes	Applicable major releases
Name: FGW_automaticFailoverInitiatedByActiveNode (5916) Type: processingErrorAlarm (81) Package: femto Raised on class: femto.FGW	Severity: minor Implicitly cleared: false Default probable cause: operationalCondition (2441)	<ul style="list-style-type: none"> LR14.2.SC
Description: This fault is generated whenever a failover is initiated by the active node due to the detection of a failure within the node,		
Remedial action: See the nodal documentation for more information.		

Table 27-203 FGW_automaticFailoverInitiatedByStandbyNode

Alarm	Attributes	Applicable major releases
Name: FGW_automaticFailoverInitiatedByStandbyNode (5917) Type: processingErrorAlarm (81) Package: femto Raised on class: femto.FGW	Severity: minor Implicitly cleared: false Default probable cause: operationalCondition (2441)	<ul style="list-style-type: none"> LR14.2.SC
Description: This fault is generated whenever a failover is initiated by the standby node due to the detection of a failure within the node,		
Remedial action: See the nodal documentation for more information.		

Table 27-204 FGW_availabilityTargetAchieved

Alarm	Attributes	Applicable major releases
Name: FGW_availabilityTargetAchieved (5918) Type: processingErrorAlarm (81) Package: femto Raised on class: femto.FGW	Severity: minor Implicitly cleared: false Default probable cause: operationalCondition (2441)	<ul style="list-style-type: none"> LR14.2.SC
Description: This fault is generated following a failover when the newly-active node has bound the floating IP address(es) for FAP connection, and it has sent out the 'Notify Connection Status (Active)' message to all femtos which have SCTP associations to the fixed IP address.		
Remedial action: See the nodal documentation for more information.		

Table 27-205 FGW_baseboardControllerFailure

Alarm	Attributes	Applicable major releases
Name: FGW_baseboardControllerFailure (5919) Type: equipmentAlarm (3) Package: femto Raised on class: femto.FGW	Severity: major Implicitly cleared: false Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> LR14.2.SC
Description: This alarm is raised if the IPMI driver fails to start because it cannot communicate with the controller.		
Remedial action: See the nodal documentation for more information.		

Table 27-206 FGW_bsrDataFileDownloadFailed

Alarm	Attributes	Applicable major releases
Name: FGW_bsrDataFileDownloadFailed (5920) Type: processingErrorAlarm (81) Package: femto Raised on class: femto.FGW	Severity: major Implicitly cleared: false Default probable cause: fileError (700)	<ul style="list-style-type: none"> LR14.2.SC
Description: This fault is generated when the SCGW has failed to download a BSR Data file from the OAM system		
Remedial action: See the nodal documentation for more information.		

Table 27-207 FGW_bsrDataFileInvalid

Alarm	Attributes	Applicable major releases
Name: FGW_bsrDataFileInvalid (5921) Type: processingErrorAlarm (81) Package: femto Raised on class: femto.FGW	Severity: major Implicitly cleared: false Default probable cause: fileError (700)	<ul style="list-style-type: none"> LR14.2.SC
Description: This fault is generated when the SCGW has detected that the format of the BSR Data File has an invalid XML format		
Remedial action: See the nodal documentation for more information.		

Table 27-208 FGW_bsrDataLost

Alarm	Attributes	Applicable major releases
Name: FGW_bsrDataLost (5922) Type: processingErrorAlarm (81) Package: femto Raised on class: femto.FGW	Severity: major Implicitly cleared: false Default probable cause: fileError (700)	<ul style="list-style-type: none"> LR14.2.SC
Description: This fault is generated when the SCGW has determined a failure has occurred with the complete BSR data held on the SCGW		
Remedial action: See the nodal documentation for more information.		

Table 27-209 FGW_bsrDataNonExistingBSR

Alarm	Attributes	Applicable major releases
Name: FGW_bsrDataNonExistingBSR (5923) Type: processingErrorAlarm (81) Package: femto Raised on class: femto.FGW	Severity: minor Implicitly cleared: false Default probable cause: fileError (700)	<ul style="list-style-type: none"> LR14.2.SC
Description: This fault is generated when the SCGW has detected that there changes requested in the BSR Data file relating to a non existing BSR record.		
Remedial action: See the nodal documentation for more information.		

Table 27-210 FGW_bsrDataQueueFailure

Alarm	Attributes	Applicable major releases
Name: FGW_bsrDataQueueFailure (5924) Type: processingErrorAlarm (81) Package: femto Raised on class: femto.FGW	Severity: major Implicitly cleared: false Default probable cause: fileError (700)	<ul style="list-style-type: none"> LR14.2.SC
Description: This fault is generated when the SCGW has received a actBSRData request from the OAM system and it still has a maximum number of previous requests being queued		
Remedial action: See the nodal documentation for more information.		

Table 27-211 FGW_bsrIdClash

Alarm	Attributes	Applicable major releases
Name: FGW_bsrIdClash (5925) Type: operationalViolation (93) Package: femto Raised on class: femto.FGW	Severity: major Implicitly cleared: false Default probable cause: callEstablishmentError (778)	<ul style="list-style-type: none"> LR14.2.SC
Description: This fault is generated when SCGW has detected that another BSR tries to register with a BSR-Id already used by another BSR.		
Remedial action: See the nodal documentation for more information.		

Table 27-212 FGW_bsrIntegrityCheckFailure

Alarm	Attributes	Applicable major releases
Name: FGW_bsrIntegrityCheckFailure (5926) Type: securityServiceOrMechanismViolation (92) Package: femto Raised on class: femto.FGW	Severity: major Implicitly cleared: false Default probable cause: authenticationFailure (786)	<ul style="list-style-type: none"> LR14.2.SC
Description: This fault is generated on receipt of a BSR Registration message from the BSR and the 'Registration Reason' IE is present and has the value 'Integrity Protection Failed'		
Remedial action: See the nodal documentation for more information.		

Table 27-213 FGW_bsrIntegrityViolation

Alarm	Attributes	Applicable major releases
Name: FGW_bsrIntegrityViolation (5927) Type: securityServiceOrMechanismViolation (92) Package: femto Raised on class: femto.FGW	Severity: major Implicitly cleared: false Default probable cause: authenticationFailure (786)	<ul style="list-style-type: none"> LR14.2.SC
Description: This fault is generated when SCGW has detected a mismatch between the registration parameters received from the BSR and the provisioned BSR parameters. At least one of the following parameters might have been manipulated:- BSR-Id, - Group-Id, - Access mode		
Remedial action: See the nodal documentation for more information.		

Table 27-214 FGW_cellIdClash

Alarm	Attributes	Applicable major releases
Name: FGW_cellIdClash (5928) Type: operationalViolation (93) Package: femto Raised on class: femto.FGW	Severity: major Implicitly cleared: false Default probable cause: callEstablishmentError (778)	<ul style="list-style-type: none"> LR14.2.SC
Description: This fault is generated when SCGW has detected that another BSR tries to register with a Cell Id already used by another BSR.		
Remedial action: See the nodal documentation for more information.		

Table 27-215 FGW_cpuOverloadMaximumThreshold

Alarm	Attributes	Applicable major releases
Name: FGW_cpuOverloadMaximumThreshold (5929) Type: equipmentAlarm (3) Package: femto Raised on class: femto.FGW	Severity: critical Implicitly cleared: false Default probable cause: outOfMemory (142)	<ul style="list-style-type: none"> LR14.2.SC
Description: This alarm is raised whenever the SCGW has detected that the maximum CPU overload threshold has been exceeded		
Remedial action: This alarm is cleared when the overload threshold value falls below minimum. That is, the memory/cpu utilization comes to normal overload or below the minimum threshold. The %CPU column of the top command can be used to check the CPU utilization.		

Table 27-216 FGW_cpuOverloadMinimumThreshold

Alarm	Attributes	Applicable major releases
Name: FGW_cpuOverloadMinimumThreshold (5930) Type: equipmentAlarm (3) Package: femto Raised on class: femto.FGW	Severity: critical Implicitly cleared: true Default probable cause: thresholdCrossed (12)	<ul style="list-style-type: none"> LR14.2.SC
Description: This alarm is raised whenever the SCGW has detected that the minimum CPU overload threshold has been exceeded		
Remedial action: This alarm is cleared when either the measured load falls below the minimum threshold or rises above the maximum threshold. The %CPU column of the top command can be used to check the CPU utilization.		

Table 27-217 FGW_failedCreatingDynamicTransport

Alarm	Attributes	Applicable major releases
Name: FGW_failedCreatingDynamicTransport (5931) Type: processingErrorAlarm (81) Package: femto Raised on class: femto.FGW	Severity: critical Implicitly cleared: false Default probable cause: configurationOrCustomizationError (902)	<ul style="list-style-type: none"> LR14.2.SC
Description: This fault is generated when dynamic creation of TCP transport fails.		
Remedial action: See the nodal documentation for more information.		

Table 27-218 FGW_femtoMsgRateExceeded

Alarm	Attributes	Applicable major releases
Name: FGW_femtoMsgRateExceeded (5932) Type: equipmentAlarm (3) Package: femto Raised on class: femto.FGW	Severity: critical Implicitly cleared: false Default probable cause: retransmissionRateExcessive (717)	<ul style="list-style-type: none"> LR14.2.SC
Description: The message rate from a femto has been exceeded, resulting in dropped messages. This indicates a serious software flaw or a hacked femto.		
Remedial action: See the nodal documentation for more information.		

Table 27-219 FGW_fgw10GPortFailureAtNonResilientState

Alarm	Attributes	Applicable major releases
Name: FGW_fgw10GPortFailureAtNonResilientState (5933) Type: communicationsAlarm (4) Package: femto Raised on class: femto.FGW	Severity: critical Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> LR14.2.SC
Description: This alarm is generated to report failure of 10G port on BONO when the redundancy state of the system is Active_NonResilient, which means that there is a 10G port failure at a state where the other 10G port is already unavailable		
Remedial action: Investigate the cause of the 10G port alarm.		

Table 27-220 FGW_fgwActiveNonResilient

Alarm	Attributes	Applicable major releases
Name: FGW_fgwActiveNonResilient (5934) Type: communicationsAlarm (4) Package: femto Raised on class: femto.FGW	Severity: critical Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> LR14.2.SC
Description: This alarm is generated to report failure of 10G port on BONO OR failure of MALBAN when the redundancy state of the system is Active, which means that Active system has lost the redundant path and has become non-resilient		
Remedial action: Investigate the cause of the 10G port alarm.		

Table 27-221 FGW_fgwActiveNotResponding

Alarm	Attributes	Applicable major releases
Name: FGW_fgwActiveNotResponding (5935) Type: communicationsAlarm (4) Package: femto Raised on class: femto.FGW	Severity: minor Implicitly cleared: true Default probable cause: unspecifiedReason (802)	<ul style="list-style-type: none"> LR14.2.SC
Description: This alarm is reported to indicate that standby detected a fault with Active and a failover is being triggered		
Remedial action: Verify the switch to standby has happened successfully Investigate the cause of the problem with the active system.		

Table 27-222 FGW_fgwNodeIsolated

Alarm	Attributes	Applicable major releases
Name: FGW_fgwNodeIsolated (5936) Type: communicationsAlarm (4) Package: femto Raised on class: femto.FGW	Severity: critical Implicitly cleared: true Default probable cause: communicationsProtocolError (901)	<ul style="list-style-type: none"> LR14.2.SC
Description: This fault is generated when SCGW Node gets isolated from Central Router and mate SCGW-Node		
Remedial action: See the nodal documentation for more information.		

Table 27-223 FGW_fgwNodeStateChangeActiveToStandby

Alarm	Attributes	Applicable major releases
Name: FGW_fgwNodeStateChangeActiveToStandby (5937) Type: communicationsAlarm (4) Package: femto Raised on class: femto.FGW	Severity: minor Implicitly cleared: false Default probable cause: unspecifiedReason (802)	<ul style="list-style-type: none"> LR14.2.SC
Description: This alarm is generated when SCGW Node status changes from Active to Standby		
Remedial action: See the nodal documentation for more information.		

Table 27-224 FGW_fgwnodeStateChangeStandbyToActive

Alarm	Attributes	Applicable major releases
Name: FGW_fgwnodeStateChangeStandbyToActive (5938) Type: communicationsAlarm (4) Package: femto Raised on class: femto.FGW	Severity: minor Implicitly cleared: false Default probable cause: unspecifiedReason (802)	<ul style="list-style-type: none"> LR14.2.SC
Description: This alarm is generated when SCGW Node status changes from Standby to Active		
Remedial action: See the nodal documentation for more information.		

Table 27-225 FGW_fgwStandbyNonResilient

Alarm	Attributes	Applicable major releases
Name: FGW_fgwStandbyNonResilient (5939) Type: communicationsAlarm (4) Package: femto Raised on class: femto.FGW	Severity: critical Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> LR14.2.SC
Description: This alarm is generated to report failure of 10G port on BONO OR failure of MALBAN when the redundancy state of the system is Standby, which means thatStandby system has lost the redundant path and has become non-resilient		
Remedial action: Investigate the cause of the 10G port alarm.		

Table 27-226 FGW_fgwStandbyNotResponding

Alarm	Attributes	Applicable major releases
Name: FGW_fgwStandbyNotResponding (5940) Type: communicationsAlarm (4) Package: femto Raised on class: femto.FGW	Severity: minor Implicitly cleared: true Default probable cause: unspecifiedReason (802)	<ul style="list-style-type: none"> LR14.2.SC
Description: This alarm is reported to indicate that Active detected a fault with Standby . This fault indicates that FGW is running in simplex mode		
Remedial action: Check that the standby node is running and that there is connectivity between the active and standby nodes.		

Table 27-227 FGW_fgwStandbyUnavailable

Alarm	Attributes	Applicable major releases
Name: FGW_fgwStandbyUnavailable (5941) Type: communicationsAlarm (4) Package: femto Raised on class: femto.FGW	Severity: critical Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> LR14.2.SC
Description: This alarm indicates that SCGW standby node is not available		
Remedial action: Investigate the cause of the standby system becoming unavailable.		

Table 27-228 FGW_fgwToCentralRouterConnectionFailed

Alarm	Attributes	Applicable major releases
Name: FGW_fgwToCentralRouterConnectionFailed (5942) Type: communicationsAlarm (4) Package: femto Raised on class: femto.FGW	Severity: critical Implicitly cleared: true Default probable cause: communicationsProtocolError (901)	<ul style="list-style-type: none"> LR14.2.SC
Description: This fault is generated when connection between SCGW and Central Router fails		
Remedial action: See the nodal documentation for more information.		

Table 27-229 FGW_fmsHardResetInitiated

Alarm	Attributes	Applicable major releases
Name: FGW_fmsHardResetInitiated (5943) Type: equipmentAlarm (3) Package: femto Raised on class: femto.FGW	Severity: critical Implicitly cleared: true Default probable cause: operationalCondition (2441)	<ul style="list-style-type: none"> LR14.2.SC
Description: This fault is triggered when hard reset is initiated in SCGW when it receives a hard reset request from the OAM system		
Remedial action: See the nodal documentation for more information.		

Table 27-230 FGW_fmsSoftResetInitiated

Alarm	Attributes	Applicable major releases
Name: FGW_fmsSoftResetInitiated (5944) Type: equipmentAlarm (3) Package: femto Raised on class: femto.FGW	Severity: critical Implicitly cleared: true Default probable cause: operationalCondition (2441)	<ul style="list-style-type: none"> LR14.2.SC
Description: This fault is triggered when soft reset is initiated in SCGW when it receives a soft reset request from the OAM system		
Remedial action: See the nodal documentation for more information.		

Table 27-231 FGW_hnbSecurityViolation

Alarm	Attributes	Applicable major releases
Name: FGW_hnbSecurityViolation (5945) Type: operationalViolation (93) Package: femto Raised on class: femto.FGW	Severity: major Implicitly cleared: false Default probable cause: callEstablishmentError (778)	<ul style="list-style-type: none"> LR14.2.SC
Description: This fault is generated when SCGW has detected that a BSR is trying to send HNBAP or RUA messages with 'UE Context Id' that is registered by another BSR.		
Remedial action: See the nodal documentation for more information.		

Table 27-232 FGW_incorrectIPAddress

Alarm	Attributes	Applicable major releases
Name: FGW_incorrectIPAddress (5946) Type: processingErrorAlarm (81) Package: femto Raised on class: femto.FGW	Severity: critical Implicitly cleared: false Default probable cause: configurationOrCustomizationError (902)	<ul style="list-style-type: none"> LR14.2.SC
Description: This fault is generated when BSR tries to connect to SCGW on a specific IP address and fails.		
Remedial action: See the nodal documentation for more information.		

Table 27-233 FGW_initialisationInProgress

Alarm	Attributes	Applicable major releases
Name: FGW_initialisationInProgress (5947) Type: equipmentAlarm (3) Package: femto Raised on class: femto.FGW	Severity: minor Implicitly cleared: true Default probable cause: operationalCondition (2441)	<ul style="list-style-type: none"> LR14.2.SC
Description: This event is triggered when the system starts initializing itself after reset		
Remedial action: See the nodal documentation for more information.		

Table 27-234 FGW_initializeAcceptorFail

Alarm	Attributes	Applicable major releases
Name: FGW_initializeAcceptorFail (5948) Type: processingErrorAlarm (81) Package: femto Raised on class: femto.FGW	Severity: critical Implicitly cleared: false Default probable cause: configurationOrCustomizationError (902)	<ul style="list-style-type: none"> LR14.2.SC
Description: This fault is generated when IP Address entry in SCGW configuration is wrongly configured.		
Remedial action: See the nodal documentation for more information.		

Table 27-235 FGW_invalidDownloadedConfiguration

Alarm	Attributes	Applicable major releases
Name: FGW_invalidDownloadedConfiguration (5949) Type: equipmentAlarm (3) Package: femto Raised on class: femto.FGW	Severity: major Implicitly cleared: false Default probable cause: configurationOrCustomizationError (902)	<ul style="list-style-type: none"> LR14.2.SC
Description: This alarm is raised when the downloaded configuration is not valid. The gateway will revert to its previous configuration		
Remedial action: See the nodal documentation for more information.		

Table 27-236 FGW_invalidluflexConfiguration

Alarm	Attributes	Applicable major releases
Name: FGW_invalidluflexConfiguration (5950) Type: processingErrorAlarm (81) Package: femto Raised on class: femto.FGW	Severity: warning Implicitly cleared: false Default probable cause: configurationOrCustomizationError (902)	<ul style="list-style-type: none"> LR14.2.SC
Description: This alarm is generated when inconsistent/missing configuration data is detected for luflex NNSF function		
Remedial action: See the nodal documentation for more information.		

Table 27-237 FGW_lag1ExceededSeventyPercent

Alarm	Attributes	Applicable major releases
Name: FGW_lag1ExceededSeventyPercent (5951) Type: communicationsAlarm (4) Package: femto Raised on class: femto.FGW	Severity: major Implicitly cleared: true Default probable cause: thresholdCrossed (12)	<ul style="list-style-type: none"> LR14.2.SC
Description: This alarm is raised whenever the traffic carried on LAG1 of the RTM unit exceeds 70 percent of maximum capacity.		
Remedial action: See the nodal documentation for more information.		

Table 27-238 FGW_lag1TrafficImbalance

Alarm	Attributes	Applicable major releases
Name: FGW_lag1TrafficImbalance (5952) Type: communicationsAlarm (4) Package: femto Raised on class: femto.FGW	Severity: major Implicitly cleared: true Default probable cause: operationalCondition (2441)	<ul style="list-style-type: none"> LR14.2.SC
Description: This alarm is raised whenever there is a traffic imbalance on the LAG1 ports of the RTM unit		
Remedial action: See the nodal documentation for more information.		

Table 27-239 FGW_lag2ExceededSeventyPercent

Alarm	Attributes	Applicable major releases
Name: FGW_lag2ExceededSeventyPercent (5953) Type: communicationsAlarm (4) Package: femto Raised on class: femto.FGW	Severity: major Implicitly cleared: true Default probable cause: thresholdCrossed (12)	<ul style="list-style-type: none"> LR14.2.SC

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Alarm	Attributes	Applicable major releases
Description: This alarm is raised whenever the traffic carried on LAG2 of the RTM unit exceeds 70 percent of maximum capacity.		
Remedial action: See the nodal documentation for more information.		

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Table 27-240 FGW_lag2TrafficImbalance

Alarm	Attributes	Applicable major releases
Name: FGW_lag2TrafficImbalance (5954) Type: communicationsAlarm (4) Package: femto Raised on class: femto.FGW	Severity: major Implicitly cleared: true Default probable cause: operationalCondition (2441)	<ul style="list-style-type: none"> LR14.2.SC
Description: This alarm is raised whenever there is a traffic imbalance on the LAG2 ports of the RTM unit		
Remedial action: See the nodal documentation for more information.		

Table 27-241 FGW_lag3ExceededSeventyPercent

Alarm	Attributes	Applicable major releases
Name: FGW_lag3ExceededSeventyPercent (5955) Type: communicationsAlarm (4) Package: femto Raised on class: femto.FGW	Severity: major Implicitly cleared: true Default probable cause: thresholdCrossed (12)	<ul style="list-style-type: none"> LR14.2.SC
Description: This alarm is raised whenever the traffic carried on LAG3 of the RTM unit exceeds 70 percent of maximum capacity.		
Remedial action: See the nodal documentation for more information.		

Table 27-242 FGW_lag3TrafficImbalance

Alarm	Attributes	Applicable major releases
Name: FGW_lag3TrafficImbalance (5956) Type: communicationsAlarm (4) Package: femto Raised on class: femto.FGW	Severity: major Implicitly cleared: true Default probable cause: operationalCondition (2441)	<ul style="list-style-type: none"> LR14.2.SC
Description: This alarm is raised whenever there is a traffic imbalance on the LAG3 ports of the RTM unit		
Remedial action: See the nodal documentation for more information.		

Table 27-243 FGW_lag4ExceededSeventyPercent

Alarm	Attributes	Applicable major releases
Name: FGW_lag4ExceededSeventyPercent (5957) Type: communicationsAlarm (4) Package: femto Raised on class: femto.FGW	Severity: major Implicitly cleared: true Default probable cause: thresholdCrossed (12)	<ul style="list-style-type: none"> LR14.2.SC
Description: This alarm is raised whenever the traffic carried on LAG4 of the RTM unit exceeds 70 percent of maximum capacity.		
Remedial action: See the nodal documentation for more information.		

Table 27-244 FGW_lag4TrafficImbalance

Alarm	Attributes	Applicable major releases
Name: FGW_lag4TrafficImbalance (5958) Type: communicationsAlarm (4) Package: femto Raised on class: femto.FGW	Severity: major Implicitly cleared: true Default probable cause: operationalCondition (2441)	<ul style="list-style-type: none"> LR14.2.SC
Description: This alarm is raised whenever there is a traffic imbalance on the LAG4 ports of the RTM unit		
Remedial action: See the nodal documentation for more information.		

Table 27-245 FGW_lag5ExceededSeventyPercent

Alarm	Attributes	Applicable major releases
Name: FGW_lag5ExceededSeventyPercent (5959) Type: communicationsAlarm (4) Package: femto Raised on class: femto.FGW	Severity: major Implicitly cleared: true Default probable cause: thresholdCrossed (12)	<ul style="list-style-type: none"> LR14.2.SC
Description: This alarm is raised whenever the traffic carried on LAG5 of the RTM unit exceeds 70 percent of maximum capacity.		
Remedial action: See the nodal documentation for more information.		

Table 27-246 FGW_lag5TrafficImbalance

Alarm	Attributes	Applicable major releases
Name: FGW_lag5TrafficImbalance (5960) Type: communicationsAlarm (4) Package: femto Raised on class: femto.FGW	Severity: major Implicitly cleared: true Default probable cause: operationalCondition (2441)	<ul style="list-style-type: none"> LR14.2.SC

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Alarm	Attributes	Applicable major releases
Description: This alarm is raised whenever there is a traffic imbalance on the LAG5 ports of the RTM unit		
Remedial action: See the nodal documentation for more information.		

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Table 27-247 FGW_lag6ExceededSeventyPercent

Alarm	Attributes	Applicable major releases
Name: FGW_lag6ExceededSeventyPercent (5961) Type: communicationsAlarm (4) Package: femto Raised on class: femto.FGW	Severity: major Implicitly cleared: true Default probable cause: thresholdCrossed (12)	<ul style="list-style-type: none"> LR14.2.SC
Description: This alarm is raised whenever the traffic carried on LAG6 of the RTM unit exceeds 70 percent of maximum capacity.		
Remedial action: See the nodal documentation for more information.		

Table 27-248 FGW_lag6TrafficImbalance

Alarm	Attributes	Applicable major releases
Name: FGW_lag6TrafficImbalance (5962) Type: communicationsAlarm (4) Package: femto Raised on class: femto.FGW	Severity: major Implicitly cleared: true Default probable cause: operationalCondition (2441)	<ul style="list-style-type: none"> LR14.2.SC
Description: This alarm is raised whenever there is a traffic imbalance on the LAG6 ports of the RTM unit		
Remedial action: See the nodal documentation for more information.		

Table 27-249 FGW_malbanConnectionFailure

Alarm	Attributes	Applicable major releases
Name: FGW_malbanConnectionFailure (5963) Type: equipmentAlarm (3) Package: femto Raised on class: femto.FGW	Severity: critical Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> LR14.2.SC
Description: Malban connection failure		
Remedial action: See the nodal documentation for more information.		

Table 27-250 FGW_malbanVlanCreationFailure

Alarm	Attributes	Applicable major releases
Name: FGW_malbanVlanCreationFailure (5964) Type: equipmentAlarm (3) Package: femto Raised on class: femto.FGW	Severity: critical Implicitly cleared: false Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> LR14.2.SC
Description: Malban VLAN creation failure		
Remedial action: See the nodal documentation for more information.		

Table 27-251 FGW_manualFailoverInitiatedByActiveNode

Alarm	Attributes	Applicable major releases
Name: FGW_manualFailoverInitiatedByActiveNode (5965) Type: processingErrorAlarm (81) Package: femto Raised on class: femto.FGW	Severity: minor Implicitly cleared: false Default probable cause: operationalCondition (2441)	<ul style="list-style-type: none"> LR14.2.SC
Description: This fault is generated whenever a failover is manually initiated on the active node,		
Remedial action: See the nodal documentation for more information.		

Table 27-252 FGW_manualFailoverInitiatedByStandbyNode

Alarm	Attributes	Applicable major releases
Name: FGW_manualFailoverInitiatedByStandbyNode (5966) Type: processingErrorAlarm (81) Package: femto Raised on class: femto.FGW	Severity: minor Implicitly cleared: false Default probable cause: operationalCondition (2441)	<ul style="list-style-type: none"> LR14.2.SC
Description: This fault is generated whenever a failover is manually initiated on the standby node,		
Remedial action: See the nodal documentation for more information.		

Table 27-253 FGW_maximumImsiListThresholdExceeded

Alarm	Attributes	Applicable major releases
Name: FGW_maximumImsiListThresholdExceeded (5967) Type: qualityOfServiceAlarm (82) Package: femto Raised on class: femto.FGW	Severity: critical Implicitly cleared: true Default probable cause: resourceAtOrNearingCapacity (715)	<ul style="list-style-type: none"> LR14.2.SC
Description: The number of IMSIs in the ACL lists defined on the SCGW has exceeded the maximum threshold defined by attribute FGW::maximumIMSiList		
Remedial action: See the nodal documentation for more information.		

Table 27-254 FGW_memoryOverloadMaximumThreshold

Alarm	Attributes	Applicable major releases
Name: FGW_memoryOverloadMaximumThreshold (5968) Type: equipmentAlarm (3) Package: femto Raised on class: femto.FGW	Severity: critical Implicitly cleared: false Default probable cause: outOfMemory (142)	<ul style="list-style-type: none"> LR14.2.SC
Description: This alarm is raised whenever the SCGW has detected that the maximum memory overload threshold has been exceeded		
Remedial action: See the nodal documentation for more information.		

Table 27-255 FGW_memoryOverloadMinimumThreshold

Alarm	Attributes	Applicable major releases
Name: FGW_memoryOverloadMinimumThreshold (5969) Type: equipmentAlarm (3) Package: femto Raised on class: femto.FGW	Severity: critical Implicitly cleared: true Default probable cause: thresholdCrossed (12)	<ul style="list-style-type: none"> LR14.2.SC
Description: This alarm is raised whenever the SCGW has detected that the minimum memory overload threshold has been exceeded		
Remedial action: See the nodal documentation for more information.		

Table 27-256 FGW_minimumImsiListThresholdExceeded

Alarm	Attributes	Applicable major releases
Name: FGW_minimumImsiListThresholdExceeded (5970) Type: qualityOfServiceAlarm (82) Package: femto Raised on class: femto.FGW	Severity: major Implicitly cleared: true Default probable cause: resourceAtOrNearingCapacity (715)	<ul style="list-style-type: none"> LR14.2.SC
Description: The number of IMSIs in the ACL lists defined on the SCGW has exceeded the minimum threshold defined by attribute FGW::minimumIMSiList		
Remedial action: See the nodal documentation for more information.		

Table 27-257 FGW_monProcessRestart

Alarm	Attributes	Applicable major releases
Name: FGW_monProcessRestart (5971) Type: processingErrorAlarm (81) Package: femto Raised on class: femto.FGW	Severity: critical Implicitly cleared: false Default probable cause: operationalCondition (2441)	<ul style="list-style-type: none"> LR14.2.SC
Description: This fault is generated when the SCGW MON forces a process restart.		
Remedial action: See the nodal documentation for more information.		

Table 27-258 FGW_nLLInvalidFileFormat

Alarm	Attributes	Applicable major releases
Name: FGW_nLLInvalidFileFormat (5972) Type: processingErrorAlarm (81) Package: femto Raised on class: femto.FGW	Severity: major Implicitly cleared: false Default probable cause: fileError (700)	<ul style="list-style-type: none"> LR14.2.SC
Description: This alarm is generated if the SCGW detects invalid data in the NLL file		
Remedial action: See the nodal documentation for more information.		

Table 27-259 FGW_nLLmultipleFileInDownloadDir

Alarm	Attributes	Applicable major releases
Name: FGW_nLLmultipleFileInDownloadDir (5973) Type: processingErrorAlarm (81) Package: femto Raised on class: femto.FGW	Severity: major Implicitly cleared: false Default probable cause: fileError (700)	<ul style="list-style-type: none"> LR14.2.SC
Description: This alarm is generated whenever multiple files have been detected in the NLL download directory on the SCGW		
Remedial action: See the nodal documentation for more information.		

Table 27-260 FGW_noHeartbeatResponseFromActiveNode

Alarm	Attributes	Applicable major releases
Name: FGW_noHeartbeatResponseFromActiveNode (5974) Type: processingErrorAlarm (81) Package: femto Raised on class: femto.FGW	Severity: minor Implicitly cleared: true Default probable cause: operationalCondition (2441)	<ul style="list-style-type: none"> LR14.2.SC
Description: This fault is generated each time the standby node fails to receive a heartbeat response from the active node within the configured time period,		
Remedial action: See the nodal documentation for more information.		

Table 27-261 FGW_percentageNodesRecovered100

Alarm	Attributes	Applicable major releases
Name: FGW_percentageNodesRecovered100 (5975) Type: processingErrorAlarm (81) Package: femto Raised on class: femto.FGW	Severity: minor Implicitly cleared: false Default probable cause: operationalCondition (2441)	<ul style="list-style-type: none"> LR14.2.SC
Description: This fault is generated following a failover in a Redundant Active/Warm Standby configuration, when 100% of small cells have successfully reregistered, compared to the number of standby SCTP associations at the point of failover.		
Remedial action: See the nodal documentation for more information.		

Table 27-262 FGW_percentageNodesRecovered70

Alarm	Attributes	Applicable major releases
Name: FGW_percentageNodesRecovered70 (5976) Type: processingErrorAlarm (81) Package: femto Raised on class: femto.FGW	Severity: minor Implicitly cleared: false Default probable cause: operationalCondition (2441)	<ul style="list-style-type: none"> LR14.2.SC
Description: This fault is generated following a failover in a Redundant Active/Warm Standby configuration, when 70% of small cells have successfully reregistered, compared to the number of standby SCTP associations at the point of failover.		
Remedial action: See the nodal documentation for more information.		

Table 27-263 FGW_percentageNodesRecovered80

Alarm	Attributes	Applicable major releases
Name: FGW_percentageNodesRecovered80 (5977) Type: processingErrorAlarm (81) Package: femto Raised on class: femto.FGW	Severity: minor Implicitly cleared: false Default probable cause: operationalCondition (2441)	<ul style="list-style-type: none"> LR14.2.SC
Description: This fault is generated following a failover in a Redundant Active/Warm Standby configuration, when 80% of small cells have successfully reregistered, compared to the number of standby SCTP associations at the point of failover.		
Remedial action: See the nodal documentation for more information.		

Table 27-264 FGW_percentageNodesRecovered90

Alarm	Attributes	Applicable major releases
Name: FGW_percentageNodesRecovered90 (5978) Type: processingErrorAlarm (81) Package: femto Raised on class: femto.FGW	Severity: minor Implicitly cleared: false Default probable cause: operationalCondition (2441)	<ul style="list-style-type: none"> LR14.2.SC
Description: This fault is generated following a failover in a Redundant Active/Warm Standby configuration, when 90% of small cells have successfully reregistered, compared to the number of standby SCTP associations at the point of failover.		
Remedial action: See the nodal documentation for more information.		

Table 27-265 FGW_presenceEventInconsistent

Alarm	Attributes	Applicable major releases
Name: FGW_presenceEventInconsistent (5979) Type: integrityViolation (85) Package: femto Raised on class: femto.FGW	Severity: minor Implicitly cleared: true Default probable cause: corruptData (910)	<ul style="list-style-type: none"> LR14.2.SC
Description: The Presence Event Indication from the BSR has either the IMSI applicability bit set to 0 and no IMSI included, or the IMSI applicability bit set to 1 and an IMSI included		
Remedial action: See the nodal documentation for more information.		

Table 27-266 FGW_presenceNotActive

Alarm	Attributes	Applicable major releases
Name: FGW_presenceNotActive (5980) Type: communicationsAlarm (4) Package: femto Raised on class: femto.FGW	Severity: minor Implicitly cleared: false Default probable cause: communicationsProtocolError (901)	<ul style="list-style-type: none"> LR14.2.SC
Description: This fault is generated when the SCGW receives a BSGAP 'UE Presence Event Indication' from the FemtoBSR when the 'activatePresenceAPI' is set to false.		
Remedial action: See the nodal documentation for more information.		

Table 27-267 FGW_resetSuccessful

Alarm	Attributes	Applicable major releases
Name: FGW_resetSuccessful (5982) Type: equipmentAlarm (3) Package: femto Raised on class: femto.FGW	Severity: minor Implicitly cleared: true Default probable cause: operationalCondition (2441)	<ul style="list-style-type: none"> LR14.2.SC
Description: This event is triggered when the system is fully operational after reset		
Remedial action: See the nodal documentation for more information.		

Table 27-268 FGW_rtmConnectionFailure

Alarm	Attributes	Applicable major releases
Name: FGW_rtmConnectionFailure (5983) Type: equipmentAlarm (3) Package: femto Raised on class: femto.FGW	Severity: critical Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> LR14.2.SC
Description: RTM connection failure		
Remedial action: See the nodal documentation for more information.		

Table 27-269 FGW_rTMLinkExceededSeventyPercent

Alarm	Attributes	Applicable major releases
Name: FGW_rTMLinkExceededSeventyPercent (5981) Type: communicationsAlarm (4) Package: femto Raised on class: femto.FGW	Severity: major Implicitly cleared: true Default probable cause: thresholdCrossed (12)	<ul style="list-style-type: none"> LR14.2.SC
Description: This alarm is raised whenever the traffic carried on the link between the Malban unit and the RTM unit exceeds 70 percent of maximum capacity.		
Remedial action: See the nodal documentation for more information.		

Table 27-270 FGW_shelfManagerConnectionFailure

Alarm	Attributes	Applicable major releases
Name: FGW_shelfManagerConnectionFailure (5984) Type: equipmentAlarm (3) Package: femto Raised on class: femto.FGW	Severity: critical Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> LR14.2.SC
Description: Shelf manager connection failure		
Remedial action: See the nodal documentation for more information.		

Table 27-271 FGW_shelfManagerConnectionUp

Alarm	Attributes	Applicable major releases
Name: FGW_shelfManagerConnectionUp (5985) Type: equipmentAlarm (3) Package: femto Raised on class: femto.FGW	Severity: minor Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> LR14.2.SC
Description: Shelf manager connection up		
Remedial action: See the nodal documentation for more information.		

Table 27-272 FGW_strmgrRedirectPDUDecodeFailed

Alarm	Attributes	Applicable major releases
Name: FGW_strmgrRedirectPDUDecodeFailed (5986) Type: processingErrorAlarm (81) Package: femto Raised on class: femto.FGW	Severity: minor Implicitly cleared: false Default probable cause: configurationOrCustomizationError (902)	<ul style="list-style-type: none"> LR14.2.SC
Description: This fault is generated whenever the SCGW has detected a failure to decode a Redirect PDU for Femto to Femto Handover		
Remedial action: See the nodal documentation for more information.		

Table 27-273 FGW_switchOver

Alarm	Attributes	Applicable major releases
Name: FGW_switchOver (5987) Type: processingErrorAlarm (81) Package: femto Raised on class: femto.FGW	Severity: critical Implicitly cleared: false Default probable cause: communicationsProtocolError (901)	<ul style="list-style-type: none"> LR14.2.SC
Description: This alarm is generated when switchover of SCGW Node happens at Central router		
Remedial action: See the nodal documentation for more information.		

Table 27-274 FGW_sysHardResetInitiated

Alarm	Attributes	Applicable major releases
Name: FGW_sysHardResetInitiated (5988) Type: equipmentAlarm (3) Package: femto Raised on class: femto.FGW	Severity: critical Implicitly cleared: true Default probable cause: applicationSubsystemFailure (689)	<ul style="list-style-type: none"> LR14.2.SC
Description: This fault is triggered when hard reset is initiated in SCGW when it automatically resets due to system failure		
Remedial action: See the nodal documentation for more information.		

Table 27-275 FGW_sysSoftResetInitiated

Alarm	Attributes	Applicable major releases
Name: FGW_sysSoftResetInitiated (5989) Type: equipmentAlarm (3) Package: femto Raised on class: femto.FGW	Severity: critical Implicitly cleared: true Default probable cause: applicationSubsystemFailure (689)	<ul style="list-style-type: none"> LR14.2.SC
Description: This fault is triggered when soft reset is initiated in SCGW when it resets due to system failure		
Remedial action: See the nodal documentation for more information.		

Table 27-276 FGW_violationBufferOverflow

Alarm	Attributes	Applicable major releases
Name: FGW_violationBufferOverflow (5990) Type: qualityOfServiceAlarm (82) Package: femto Raised on class: femto.FGW	Severity: major Implicitly cleared: false Default probable cause: resourceAtOrNearingCapacity (715)	<ul style="list-style-type: none"> LR14.2.SC
Description: This alarm is generated when the SCGW buffer used to store acIViolation, bsrIntegrity and bsrIdClash alarms is exceeded.		
Remedial action: See the nodal documentation for more information.		

Table 27-277 FGW_vlanCreationFailure

Alarm	Attributes	Applicable major releases
Name: FGW_vlanCreationFailure (5991) Type: equipmentAlarm (3) Package: femto Raised on class: femto.FGW	Severity: major Implicitly cleared: false Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> LR14.2.SC
Description: VLAN creation failure		
Remedial action: See the nodal documentation for more information.		

Table 27-278 FrameSizeProblem (netw)

Alarm	Attributes	Applicable major releases
Name: FrameSizeProblem (37) Type: configurationAlarm (11) Package: netw Raised on class: netw.StatefullConnectableInterface	Severity: critical Implicitly cleared: true Default probable cause: frameSizeProblem (33)	<ul style="list-style-type: none"> LR14.2.SC
Description: The alarm is raised when a provisioned MTU size value is greater than the supported MTU size value.		
Raising condition: (('mtuMismatch' EQUAL 'true') AND ('portId' NOT EQUAL '0L'))		
Clearing condition: (('mtuMismatch' EQUAL 'false') OR ('portId' EQUAL '0L'))		
Remedial action: A configuration error has been made which must be corrected. The MTU value must be changed such that is less than or equal to the supported MTU size value.		

Table 27-279 GaPeerDown

Alarm	Attributes	Applicable major releases
Name: GaPeerDown (3303) Type: EpcAlarm (59) Package: Iteggns Raised on class: Iteggns.GaPeer	Severity: major Implicitly cleared: true Default probable cause: EPSPeerDown (602)	<ul style="list-style-type: none"> LR14.2.SC
Description: The alarm is raised when the path management state of a Ga peer changes to a state other than Up.		
Raising condition: ('Path Management State' NOT EQUAL 'Active')		
Clearing condition: ('Path Management State' EQUAL 'Active')		
Remedial action: A Ga reference point (peer) is operationally down for one of the following reasons: the underlying IP or physical interface is down, the far end peer is down or the underlying transport between this NE and the peer NE is down. To resolve the issue ensure that the IP/physical interface is up, check that the far end peer is operational and check that the underlying transport network is up.		

Table 27-280 GenericNatProxy_genericNATproxyServiceFailure

Alarm	Attributes	Applicable major releases
Name: GenericNatProxy_genericNATproxyServiceFailure (5999) Type: communicationsAlarm (4) Package: femto Raised on class: femto.GenericNatProxy	Severity: major Implicitly cleared: true Default probable cause: unavailable (618)	<ul style="list-style-type: none"> LR14.2.SC
Description: This alarm is raised if the DNS resolution of an FQDN configured in GenericNatProxy::serverAddress fails. The alarm is cleared when the DNS resolution of the FQDN succeeds		
Remedial action: See the nodal documentation for more information.		

Table 27-281 HardDisk_diskUsageNearingCapacity

Alarm	Attributes	Applicable major releases
Name: HardDisk_diskUsageNearingCapacity (6002) Type: equipmentAlarm (3) Package: femto Raised on class: femto.HardDisk	Severity: major Implicitly cleared: true Default probable cause: resourceAtOrNearingCapacity (715)	<ul style="list-style-type: none"> LR14.2.SC
Description: This alarm is raised whenever the disk usage has exceeded seventy percent of available capacity. The alarm is automatically cleared whenever disk usage is reduced below thirty percent of available capacity.		
Remedial action: See the nodal documentation for more information.		

Table 27-282 HardDiskSlot_diskUsageNearingCapacity

Alarm	Attributes	Applicable major releases
Name: HardDiskSlot_diskUsageNearingCapacity (6001) Type: equipmentAlarm (3) Package: femto Raised on class: femto.HardDiskSlot	Severity: major Implicitly cleared: true Default probable cause: resourceAtOrNearingCapacity (715)	<ul style="list-style-type: none"> LR14.2.SC
Description: This alarm is raised whenever the disk usage has exceeded seventy percent of available capacity. The alarm is automatically cleared whenever disk usage is reduced below thirty percent of available capacity.		
Remedial action: See the nodal documentation for more information.		

Table 27-283 HeNBMasterCP_rangeOfStreamsFromHeNBNotSupported

Alarm	Attributes	Applicable major releases
Name: HeNBMasterCP_rangeOfStreamsFromHeNBNotSupported (6003) Type: communicationsAlarm (4) Package: femto Raised on class: femto.HeNBMasterCP	Severity: critical Implicitly cleared: true Default probable cause: communicationsProtocolError (901)	<ul style="list-style-type: none"> LR14.2.SC
Description: This fault indicates a mismatch between the number of input & output streams configured on the gateway and the number of input & output streams received from HeNB during SCTP INIT negotiation HeNB ID shall be mentioned in the alarm description so that operator can identify the HeNB. This alarm can be used for Small Cells Monitoring (Service Monitoring) feature		
Remedial action: Check the configuration for the number of input and output streams supported by the HeNB. The number of input and output streams are expected to be equal and to have identifiers in the range [0..511].		

Table 27-284 IncompleteConfiguration

Alarm	Attributes	Applicable major releases
Name: IncompleteConfiguration (1942) Type: operationalViolation (93) Package: netw Raised on class: netw.NetworkElement	Severity: warning Implicitly cleared: true Default probable cause: incompleteConfig (225)	<ul style="list-style-type: none"> LR14.2.SC
Description: The alarm is raised when a pre-provisioned NE has no objects configured beneath it.		
Raising condition: (('State' EQUAL 'Pre-provisioned') AND ('eNodeB Equipment' EQUAL '\'))		
Clearing condition: (('State' EQUAL 'Pre-provisioned') AND ('eNodeB Equipment' NOT EQUAL '\'))		
Remedial action: A configuration error has been made which must be corrected. The configuration of the pre-provisioned NE is incomplete. A work order was not associated with the pre-provisioned NE and as a consequence the attempt to auto-configure the NE failed.		

Table 27-285 IPSP_aspDown

Alarm	Attributes	Applicable major releases
Name: IPSP_aspDown (6004) Type: communicationsAlarm (4) Package: femto Raised on class: femto.IPSP	Severity: critical Implicitly cleared: true Default probable cause: communicationsProtocolError (901)	<ul style="list-style-type: none"> LR14.2.SC
Description: Notification to inform the application that SCGW's IPSP instance for CS and PS connections is now down		
Remedial action: See the nodal documentation for more information.		

Table 27-286 IPSP_asplnactive

Alarm	Attributes	Applicable major releases
Name: IPSP_asplnactive (6005) Type: communicationsAlarm (4) Package: femto Raised on class: femto.IPSP	Severity: critical Implicitly cleared: true Default probable cause: communicationsProtocolError (901)	<ul style="list-style-type: none"> LR14.2.SC
Description: Notification to inform the application that the SCGW's IPSP instance has become inactive		
Remedial action: See the nodal documentation for more information.		

Table 27-287 IPSP_ICM_EVENT_BND_FAIL

Alarm	Attributes	Applicable major releases
Name: IPSP_ICM_EVENT_BND_FAIL (6006) Type: communicationsAlarm (4) Package: femto Raised on class: femto.IPSP	Severity: critical Implicitly cleared: true Default probable cause: communicationsProtocolError (901)	<ul style="list-style-type: none"> LR14.2.SC
Description: Generated if the bind procedure with the lower layer fails. The bind procedure can fail either due to the absence of bind confirm, or if there is a negative bind confirm from the lower layer.		
Remedial action: See the nodal documentation for more information.		

Table 27-288 IPSP_IIT_EVENT_ESTABLISH_FAIL

Alarm	Attributes	Applicable major releases
Name: IPSP_IIT_EVENT_ESTABLISH_FAIL (6007) Type: communicationsAlarm (4) Package: femto Raised on class: femto.IPSP	Severity: major Implicitly cleared: true Default probable cause: communicationsProtocolError (901)	<ul style="list-style-type: none"> LR14.2.SC
Description: Generated if association establishment fails. If it is an association to a remote SG, the SG ID is given by s.sgld. If it is an association to a remote ASP, the ASP ID is given by s.aspld.		
Remedial action: See the nodal documentation for more information.		

Table 27-289 IPSP_IIT_EVENT_SCT_COMM_DOWN

Alarm	Attributes	Applicable major releases
Name: IPSP_IIT_EVENT_SCT_COMM_DOWN (6008) Type: communicationsAlarm (4) Package: femto Raised on class: femto.IPSP	Severity: major Implicitly cleared: true Default probable cause: communicationsProtocolError (901)	<ul style="list-style-type: none"> LR14.2.SC
Description: Generated when an the SCTP service provider indicates that an association has lost communications		
Remedial action: See the nodal documentation for more information.		

Table 27-290 IPSP_IIT_EVENT_TERM_IND

Alarm	Attributes	Applicable major releases
Name: IPSP_IIT_EVENT_TERM_IND (6009) Type: communicationsAlarm (4) Package: femto Raised on class: femto.IPSP	Severity: major Implicitly cleared: true Default probable cause: communicationsProtocolError (901)	<ul style="list-style-type: none"> LR14.2.SC
Description: Generated when a termination indication is received from the SCTP service provider		
Remedial action: See the nodal documentation for more information.		

Table 27-291 luBC_cellBroadcastCenterFailure

Alarm	Attributes	Applicable major releases
Name: luBC_cellBroadcastCenterFailure (6019) Type: communicationsAlarm (4) Package: femto Raised on class: femto.luBC	Severity: major Implicitly cleared: true Default probable cause: communicationsSubsystemFailure (915)	<ul style="list-style-type: none"> LR14.2.SC
Description: Communication with the Cell Broadcast Center has been lost.		
Remedial action: See the nodal documentation for more information.		

Table 27-292 luBC_cellBroadcastOverload

Alarm	Attributes	Applicable major releases
Name: luBC_cellBroadcastOverload (6020) Type: qualityOfServiceAlarm (82) Package: femto Raised on class: femto.luBC	Severity: major Implicitly cleared: true Default probable cause: resourceAtOrNearingCapacity (715)	<ul style="list-style-type: none"> LR14.2.SC

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Alarm	Attributes	Applicable major releases
Description: This alarm shall be raised when the threshold has been reached for the number of concurrent in progress SABP procedures handled by the gateway		
Remedial action: See the nodal documentation for more information.		

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Table 27-293 luCS_asplnactive

Alarm	Attributes	Applicable major releases
Name: luCS_asplnactive (6030) Type: communicationsAlarm (4) Package: femto Raised on class: femto.luCS	Severity: critical Implicitly cleared: true Default probable cause: communicationsProtocolError (901)	<ul style="list-style-type: none"> LR14.2.SC
Description: Notification to inform the application that the FGW's IPSP instance has become inactive		
Remedial action: See the nodal documentation for more information.		

Table 27-294 luCS_destinationMSCNotReachable

Alarm	Attributes	Applicable major releases
Name: luCS_destinationMSCNotReachable (6031) Type: communicationsAlarm (4) Package: femto Raised on class: femto.luCS	Severity: major Implicitly cleared: true Default probable cause: communicationsProtocolError (901)	<ul style="list-style-type: none"> LR14.2.SC
Description: This fault is generated when 3G-MSC is not reachable from the SCGW		
Remedial action: See the nodal documentation for more information.		

Table 27-295 luCS_emergencyCallfailed

Alarm	Attributes	Applicable major releases
Name: luCS_emergencyCallfailed (6032) Type: communicationsAlarm (4) Package: femto Raised on class: femto.luCS	Severity: major Implicitly cleared: false Default probable cause: communicationsProtocolError (901)	<ul style="list-style-type: none"> LR14.2.SC
Description: This fault is generated when SCGW could not handle Emergency Call		
Remedial action: See the nodal documentation for more information.		

Table 27-296 luCS_failedToSendPAGINGToBSR

Alarm	Attributes	Applicable major releases
Name: luCS_failedToSendPAGINGToBSR (6033) Type: communicationsAlarm (4) Package: femto Raised on class: femto.luCS	Severity: major Implicitly cleared: false Default probable cause: communicationsProtocolError (901)	<ul style="list-style-type: none"> LR14.2.SC
Description: This fault is generated when SCGW fails to send PAGING message to BSR		
Remedial action: See the nodal documentation for more information.		

Table 27-297 luCS_failedToSendRelocationRequestMsgToDestBSR

Alarm	Attributes	Applicable major releases
Name: luCS_failedToSendRelocationRequestMsgToDestBSR (6034) Type: communicationsAlarm (4) Package: femto Raised on class: femto.luCS	Severity: major Implicitly cleared: false Default probable cause: communicationsProtocolError (901)	<ul style="list-style-type: none"> LR14.2.SC
Description: This fault is generated when SCGW could not send Relocation Request message to the BSR		
Remedial action: See the nodal documentation for more information.		

Table 27-298 luCS_iuCsInterfaceInactive

Alarm	Attributes	Applicable major releases
Name: luCS_iuCsInterfaceInactive (6035) Type: communicationsAlarm (4) Package: femto Raised on class: femto.luCS	Severity: critical Implicitly cleared: true Default probable cause: unavailable (618)	<ul style="list-style-type: none"> LR14.2.SC
Description: The luCS interface has become inactive as the number of dropped inbound messages has been exceeded. This indicates a potential locking of the luCS interface or fault at the Core Network.		
Remedial action: See the nodal documentation for more information.		

Table 27-299 luCS_noBSRConnectedToBSG

Alarm	Attributes	Applicable major releases
Name: luCS_noBSRConnectedToBSG (6036) Type: communicationsAlarm (4) Package: femto Raised on class: femto.luCS	Severity: major Implicitly cleared: false Default probable cause: communicationsProtocolError (901)	<ul style="list-style-type: none"> LR14.2.SC
Description: This fault is generated when SCGW fails to forward CL messages to BSR since no BSRs are connected		
Remedial action: See the nodal documentation for more information.		

Table 27-300 luCS_noBSRInReceivedLAC

Alarm	Attributes	Applicable major releases
Name: luCS_noBSRInReceivedLAC (6037) Type: communicationsAlarm (4) Package: femto Raised on class: femto.luCS	Severity: major Implicitly cleared: false Default probable cause: communicationsProtocolError (901)	<ul style="list-style-type: none"> LR14.2.SC
Description: This fault is generated when SCGW receives paging message for an LAC for which no BSR is registered		
Remedial action: See the nodal documentation for more information.		

Table 27-301 luCS_receivedMTP3PauseSPInaccessible

Alarm	Attributes	Applicable major releases
Name: luCS_receivedMTP3PauseSPInaccessible (6038) Type: communicationsAlarm (4) Package: femto Raised on class: femto.luCS	Severity: major Implicitly cleared: true Default probable cause: communicationsProtocolError (901)	<ul style="list-style-type: none"> LR14.2.SC
Description: This fault is generated when SCCP stack receives MTP3-Pause due to deactivation of link indicating remote point inaccessible.		
Remedial action: See the nodal documentation for more information.		

Table 27-302 luCS_receivedPauseForMSC

Alarm	Attributes	Applicable major releases
Name: luCS_receivedPauseForMSC (6039) Type: communicationsAlarm (4) Package: femto Raised on class: femto.luCS	Severity: critical Implicitly cleared: true Default probable cause: communicationsProtocolError (901)	<ul style="list-style-type: none"> LR14.2.SC
Description: This fault is generated when SCGW is not able to access MSC due to failure of connection towards MSC		
Remedial action: See the nodal documentation for more information.		

Table 27-303 luCS_remoteMTP3Unreachable

Alarm	Attributes	Applicable major releases
Name: luCS_remoteMTP3Unreachable (6040) Type: communicationsAlarm (4) Package: femto Raised on class: femto.luCS	Severity: critical Implicitly cleared: true Default probable cause: communicationsSubsystemFailure (915)	<ul style="list-style-type: none"> LR14.2.SC
Description: All routes to reach the MTP3 at this destination (i.e. MSC server) have failed.		
Remedial action: See the nodal documentation for more information.		

Table 27-304 luCS_remoteMTP3UserUnavailable

Alarm	Attributes	Applicable major releases
Name: luCS_remoteMTP3UserUnavailable (6041) Type: communicationsAlarm (4) Package: femto Raised on class: femto.luCS	Severity: major Implicitly cleared: true Default probable cause: transmitFailure (723)	<ul style="list-style-type: none"> LR14.2.SC
Description: The user of the MTP3 (i.e. SCCP) on the peer node is not available for service		
Remedial action: See the nodal documentation for more information.		

Table 27-305 luCS_remoteSubsystemOutOfService

Alarm	Attributes	Applicable major releases
Name: luCS_remoteSubsystemOutOfService (6042) Type: processingErrorAlarm (81) Package: femto Raised on class: femto.luCS	Severity: critical Implicitly cleared: true Default probable cause: applicationSubsystemFailure (689)	<ul style="list-style-type: none"> LR14.2.SC

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Alarm	Attributes	Applicable major releases
Description: The remote subsystem has gone out of service		
Remedial action: See the nodal documentation for more information.		

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Table 27-306 luCSMGW_remoteMTP3Unreachable

Alarm	Attributes	Applicable major releases
Name: luCSMGW_remoteMTP3Unreachable (6021) Type: communicationsAlarm (4) Package: femto Raised on class: femto.luCSMGW	Severity: critical Implicitly cleared: true Default probable cause: communicationsSubsystemFailure (915)	<ul style="list-style-type: none"> LR14.2.SC
Description: All routes to reach the MTP3 at this destination (i.e. Media Gateway) have failed.		
Remedial action: See the nodal documentation for more information.		

Table 27-307 luCSMGW_remoteMTP3UserUnavailable

Alarm	Attributes	Applicable major releases
Name: luCSMGW_remoteMTP3UserUnavailable (6022) Type: communicationsAlarm (4) Package: femto Raised on class: femto.luCSMGW	Severity: major Implicitly cleared: true Default probable cause: transmitFailure (723)	<ul style="list-style-type: none"> LR14.2.SC
Description: The user of the MTP3 (i.e. ALCAP/STC.1) on the peer node is not available for service		
Remedial action: See the nodal documentation for more information.		

Table 27-308 luCSUserplaneVCL_aConfigFailure

Alarm	Attributes	Applicable major releases
Name: luCSUserplaneVCL_aConfigFailure (6024) Type: processingErrorAlarm (81) Package: femto Raised on class: femto.luCSUserplaneVCL	Severity: major Implicitly cleared: false Default probable cause: applicationSubsystemFailure (689)	<ul style="list-style-type: none"> LR14.2.SC
Description: The userplane configuration is failed in ALCAP. To recover from this failure, degrow this luCSUserplaneVCL and regrow again.		
Remedial action: See the nodal documentation for more information.		

Table 27-309 luCSUserplaneVCL_aEndToEndConnectionFailure

Alarm	Attributes	Applicable major releases
Name: luCSUserplaneVCL_aEndToEndConnectionFailure (6025) Type: communicationsAlarm (4) Package: femto Raised on class: femto.luCSUserplaneVCL	Severity: major Implicitly cleared: true Default probable cause: communicationsSubsystemFailure (915)	<ul style="list-style-type: none"> LR14.2.SC
Description: Multiple CS calls that were having bearers on this userplane has faced end to end bearer failures. This will be cleared upon a successful call establishment and teardown.		
Remedial action: See the nodal documentation for more information.		

Table 27-310 luCSUserplaneVCL_aLocallyBlockedForAdminLock

Alarm	Attributes	Applicable major releases
Name: luCSUserplaneVCL_aLocallyBlockedForAdminLock (6026) Type: processingErrorAlarm (81) Package: femto Raised on class: femto.luCSUserplaneVCL	Severity: major Implicitly cleared: true Default probable cause: applicationSubsystemFailure (689)	<ul style="list-style-type: none"> LR14.2.SC
Description: The userplane is locally blocked due to local admin Lock action. This will be cleared after the admin state changes to unlocked.		
Remedial action: See the nodal documentation for more information.		

Table 27-311 luCSUserplaneVCL_aLocallyBlockedForBearerFailures

Alarm	Attributes	Applicable major releases
Name: luCSUserplaneVCL_aLocallyBlockedForBearerFailures (6027) Type: processingErrorAlarm (81) Package: femto Raised on class: femto.luCSUserplaneVCL	Severity: major Implicitly cleared: true Default probable cause: applicationSubsystemFailure (689)	<ul style="list-style-type: none"> LR14.2.SC
Description: The userplane is locally blocked due to multiple call failures resulted due to end-to-end bearer issues. This will be cleared either after one successful call is released or upon the ALCAP trying to unblock upon a expiry		
Remedial action: See the nodal documentation for more information.		

Table 27-312 luCSUserplaneVCL_aLocallyBlockedForUnblockCfm

Alarm	Attributes	Applicable major releases
Name: luCSUserplaneVCL_aLocallyBlockedForUnblockCfm (6028) Type: communicationsAlarm (4) Package: femto Raised on class: femto.luCSUserplaneVCL	Severity: major Implicitly cleared: true Default probable cause: communicationsSubsystemFailure (915)	<ul style="list-style-type: none"> LR14.2.SC
Description: The userplane is locally blocked and the unblock procedure is under progress with the peer node and waiting for Unblock Confirm. This will be cleared after successful reception of Unblock Confirm from peer.		
Remedial action: See the nodal documentation for more information.		

Table 27-313 luCSUserplaneVCL_aRemotelyBlocked

Alarm	Attributes	Applicable major releases
Name: luCSUserplaneVCL_aRemotelyBlocked (6029) Type: communicationsAlarm (4) Package: femto Raised on class: femto.luCSUserplaneVCL	Severity: major Implicitly cleared: true Default probable cause: remoteNodeTransmissionError (714)	<ul style="list-style-type: none"> LR14.2.SC
Description: The userplane is remotely blocked by the peer node. This will be cleared after the remote successfully unblocks the userplane.		
Remedial action: See the nodal documentation for more information.		

Table 27-314 luPS_asplInactive

Alarm	Attributes	Applicable major releases
Name: luPS_asplInactive (6044) Type: communicationsAlarm (4) Package: femto Raised on class: femto.luPS	Severity: critical Implicitly cleared: true Default probable cause: communicationsProtocolError (901)	<ul style="list-style-type: none"> LR14.2.SC
Description: Notification to inform the application that the FGW's IPSP instance has become inactive		
Remedial action: See the nodal documentation for more information.		

Table 27-315 luPS_destinationSGSNNotReachable

Alarm	Attributes	Applicable major releases
Name: luPS_destinationSGSNNotReachable (6045) Type: communicationsAlarm (4) Package: femto Raised on class: femto.luPS	Severity: major Implicitly cleared: true Default probable cause: communicationsProtocolError (901)	<ul style="list-style-type: none"> LR14.2.SC
Description: This fault is generated when SGSN is not reachable from the SCGW		
Remedial action: See the nodal documentation for more information.		

Table 27-316 luPS_failedToSendPAGINGToBSR

Alarm	Attributes	Applicable major releases
Name: luPS_failedToSendPAGINGToBSR (6046) Type: communicationsAlarm (4) Package: femto Raised on class: femto.luPS	Severity: major Implicitly cleared: false Default probable cause: communicationsProtocolError (901)	<ul style="list-style-type: none"> LR14.2.SC
Description: This fault is generated when SCGW fails to send PAGING message to BSR		
Remedial action: See the nodal documentation for more information.		

Table 27-317 luPS_failedToSendRANAPResetToBSR

Alarm	Attributes	Applicable major releases
Name: luPS_failedToSendRANAPResetToBSR (6047) Type: communicationsAlarm (4) Package: femto Raised on class: femto.luPS	Severity: minor Implicitly cleared: false Default probable cause: communicationsProtocolError (901)	<ul style="list-style-type: none"> LR14.2.SC
Description: This fault is generated when SCGW fails to send RANAP RESET message to BSR		
Remedial action: See the nodal documentation for more information.		

Table 27-318 luPS_failedToSendRelocationRequestMsgToDestBSR

Alarm	Attributes	Applicable major releases
Name: luPS_failedToSendRelocationRequestMsgToDestBSR (6048) Type: communicationsAlarm (4) Package: femto Raised on class: femto.luPS	Severity: major Implicitly cleared: false Default probable cause: communicationsProtocolError (901)	<ul style="list-style-type: none"> LR14.2.SC
Description: This fault is generated when SCGW could not send Relocation Request message to the BSR		
Remedial action: See the nodal documentation for more information.		

Table 27-319 luPS_failedToSendResetResourceToBSR

Alarm	Attributes	Applicable major releases
Name: luPS_failedToSendResetResourceToBSR (6049) Type: communicationsAlarm (4) Package: femto Raised on class: femto.luPS	Severity: major Implicitly cleared: false Default probable cause: communicationsProtocolError (901)	<ul style="list-style-type: none"> LR14.2.SC
Description: This fault is generated when SCGW fails to send Reset Resource message to BSR		
Remedial action: See the nodal documentation for more information.		

Table 27-320 luPS_gtpEchoFailure

Alarm	Attributes	Applicable major releases
Name: luPS_gtpEchoFailure (6050) Type: communicationsAlarm (4) Package: femto Raised on class: femto.luPS	Severity: major Implicitly cleared: true Default probable cause: responseTimeExcessive (716)	<ul style="list-style-type: none"> LR14.2.SC
Description: No response to repetitive GTP-U Echo Requests from BPG to SGSN for a particular active connection.		
Remedial action: See the nodal documentation for more information.		

Table 27-321 luPS_iuPsInterfacelInactive

Alarm	Attributes	Applicable major releases
Name: luPS_iuPsInterfacelInactive (6051) Type: communicationsAlarm (4) Package: femto Raised on class: femto.luPS	Severity: critical Implicitly cleared: true Default probable cause: unavailable (618)	<ul style="list-style-type: none"> LR14.2.SC
Description: The luPS interface has become inactive as the number of dropped inbound messages has been exceeded. This indicates a potential locking of the luPS interface or fault at the Core Network.		
Remedial action: See the nodal documentation for more information.		

Table 27-322 luPS_noBSRConnectedToBSG

Alarm	Attributes	Applicable major releases
Name: luPS_noBSRConnectedToBSG (6052) Type: communicationsAlarm (4) Package: femto Raised on class: femto.luPS	Severity: major Implicitly cleared: false Default probable cause: communicationsProtocolError (901)	<ul style="list-style-type: none"> LR14.2.SC
Description: This fault is generated when SCGW fails to forward CL messages to BSR since no BSRs are connected		
Remedial action: See the nodal documentation for more information.		

Table 27-323 luPS_noBSRInReceivedRAC

Alarm	Attributes	Applicable major releases
Name: luPS_noBSRInReceivedRAC (6053) Type: communicationsAlarm (4) Package: femto Raised on class: femto.luPS	Severity: major Implicitly cleared: false Default probable cause: communicationsProtocolError (901)	<ul style="list-style-type: none"> LR14.2.SC
Description: This fault is generated when SCGW receives a paging message for an RAC and no BSR is registered for that RAC		
Remedial action: See the nodal documentation for more information.		

Table 27-324 luPS_receivedMTP3PauseSPInaccessible

Alarm	Attributes	Applicable major releases
Name: luPS_receivedMTP3PauseSPInaccessible (6054) Type: communicationsAlarm (4) Package: femto Raised on class: femto.luPS	Severity: major Implicitly cleared: true Default probable cause: communicationsProtocolError (901)	<ul style="list-style-type: none"> LR14.2.SC
Description: This fault is generated when SCCP stack receives MTP3-Pause due to deactivation of link indicating remote point inaccessible.		
Remedial action: See the nodal documentation for more information.		

Table 27-325 luPS_receivedPauseForSGSN

Alarm	Attributes	Applicable major releases
Name: luPS_receivedPauseForSGSN (6055) Type: communicationsAlarm (4) Package: femto Raised on class: femto.luPS	Severity: critical Implicitly cleared: true Default probable cause: communicationsProtocolError (901)	<ul style="list-style-type: none"> LR14.2.SC
Description: This fault is generated when SCGW is not able to access SGSN due to connection failure towards SGSN		
Remedial action: See the nodal documentation for more information.		

Table 27-326 luPS_remoteMTP3Unreachable

Alarm	Attributes	Applicable major releases
Name: luPS_remoteMTP3Unreachable (6056) Type: communicationsAlarm (4) Package: femto Raised on class: femto.luPS	Severity: critical Implicitly cleared: true Default probable cause: communicationsSubsystemFailure (915)	<ul style="list-style-type: none"> LR14.2.SC
Description: All routes to reach the MTP3 at this destination (i.e. SGSN) have failed.		
Remedial action: See the nodal documentation for more information.		

Table 27-327 luPS_remoteMTP3UserUnavailable

Alarm	Attributes	Applicable major releases
Name: luPS_remoteMTP3UserUnavailable (6057) Type: communicationsAlarm (4) Package: femto Raised on class: femto.luPS	Severity: major Implicitly cleared: true Default probable cause: transmitFailure (723)	<ul style="list-style-type: none"> LR14.2.SC
Description: The user of the MTP3 (i.e. SCCP) on the peer node is not available for service		
Remedial action: See the nodal documentation for more information.		

Table 27-328 luPS_remoteSubsystemOutOfService

Alarm	Attributes	Applicable major releases
Name: luPS_remoteSubsystemOutOfService (6058) Type: processingErrorAlarm (81) Package: femto Raised on class: femto.luPS	Severity: critical Implicitly cleared: true Default probable cause: applicationSubsystemFailure (689)	<ul style="list-style-type: none"> LR14.2.SC
Description: The remote subsystem has gone out of service		
Remedial action: See the nodal documentation for more information.		

Table 27-329 LagPortAddFailed

Alarm	Attributes	Applicable major releases
Name: LagPortAddFailed (422) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.PhysicalPort	Severity: warning Implicitly cleared: true Default probable cause: linkDown (315)	<ul style="list-style-type: none"> LR14.2.SC
Description: The alarm is raised when the Lag Port Add function Fails.		
Raising condition: (('state' EQUAL 'Link Down') AND ('LAG ID' > '0'))		
Clearing condition: (('state' NOT EQUAL 'Link Down') OR ('LAG ID' EQUAL '0'))		
Remedial action: A configuration error has occurred which must be corrected. The link that was to be added to the LAG group may be of the wrong type (i.e. non ethernet) or the limit of the number of links supported in a LAG may have been reached.		

Table 27-330 LegalReq_legalReqFileDeliveryFailure

Alarm	Attributes	Applicable major releases
Name: LegalReq_legalReqFileDeliveryFailure (6090) Type: communicationsAlarm (4) Package: femto Raised on class: femto.LegalReq	Severity: major Implicitly cleared: true Default probable cause: transmissionError (614)	<ul style="list-style-type: none"> LR14.2.SC
Description: This fault is generated when the SCGW fails to deliver a legal requisition data file to the collection server.		
Remedial action: See the nodal documentation for more information.		

Table 27-331 LegalReq_legalReqFileDeliveryFailureclearance

Alarm	Attributes	Applicable major releases
Name: LegalReq_legalReqFileDeliveryFailureclearance (6091) Type: processingErrorAlarm (81) Package: femto Raised on class: femto.LegalReq	Severity: minor Implicitly cleared: true Default probable cause: fileError (700)	<ul style="list-style-type: none"> LR14.2.SC
Description: This alarm is generated when the FGW succeeds in sending a previously failed legal req file.		
Remedial action: See the nodal documentation for more information.		

Table 27-332 LicensedLimitExceeded

Alarm	Attributes	Applicable major releases
Name: LicensedLimitExceeded (127) Type: licensingAlarm (23) Package: security Raised on class: security.ProductLicense	Severity: critical Implicitly cleared: true Default probable cause: licensedLimitExceeded (106)	<ul style="list-style-type: none"> LR14.2.SC
Description: The alarm is raised when the license items in the network exceeds 100 percent of the license capacity.		
Raising condition: ('Exceeded' EQUAL 'true')		
Clearing condition: ('Exceeded' NOT EQUAL 'true')		
Remedial action: Informational - The number of SAM licenses purchased and available on the SAM server is insufficient as compared to the number of NEs/MDA/Cells under management in the network. Please contact Alcatel-Lucent Sales to purchase additional licenses.		

Table 27-333 LinkDown (equipment)

Alarm	Attributes	Applicable major releases
Name: LinkDown (12) Type: communicationsAlarm (4) Package: equipment Raised on class: equipment.Equipment	Severity: major Implicitly cleared: true Default probable cause: portLinkProblem (10)	<ul style="list-style-type: none"> LR14.2.SC
Description: The alarm is raised when a port has no associated physical link or remote end point is operationally down.		
Raising condition: (('compositeEquipmentState' EQUAL 'Link Down') OR ('compositeEquipmentState' EQUAL 'Oper Down'))		
Clearing condition: (('compositeEquipmentState' NOT EQUAL 'Link Down') AND ('compositeEquipmentState' NOT EQUAL 'Oper Down'))		
Remedial action: Please make sure that port has physical link and remote end point is operationally up.		

Table 27-334 LowTemperatureDetected

Alarm	Attributes	Applicable major releases
Name: LowTemperatureDetected (1127) Type: environmentalAlarm (2) Package: equipment Raised on class: equipment.Shelf	Severity: major Implicitly cleared: true Default probable cause: equipmentOvercooled (838)	<ul style="list-style-type: none"> LR14.2.SC
Description: The alarm is raised when the chassis temperature falls below the minimum threshold.		
Raising condition: ('Low Temperature State' EQUAL 'Low')		
Clearing condition: ('Low Temperature State' NOT EQUAL 'Low')		
Remedial action: The NE has detected internal temperatures which are abnormally low. This may happen when the environment that the NE is operating in may not be within specifications found in the NE user guides.		

Table 27-335 MME_rangeOfStreamsFromMMENotSupported

Alarm	Attributes	Applicable major releases
Name: MME_rangeOfStreamsFromMMENotSupported (6097) Type: communicationsAlarm (4) Package: femto Raised on class: femto.MME	Severity: critical Implicitly cleared: false Default probable cause: communicationsProtocolError (901)	<ul style="list-style-type: none"> LR14.2.SC
Description: This fault indicates that an unequal number of input and output streams have been received from the MME or a S1AP message with an invalid stream id has been received		
Remedial action: This alarm must be manually cleared by the OAM system's user		

Table 27-336 MME_s1InterfaceDown

Alarm	Attributes	Applicable major releases
Name: MME_s1InterfaceDown (6098) Type: communicationsAlarm (4) Package: femto Raised on class: femto.MME	Severity: critical Implicitly cleared: true Default probable cause: communicationsProtocolError (901)	<ul style="list-style-type: none"> LR14.2.SC
Description: This fault is generated when the S1 Setup procedure fails towards towards the MME (i.e. No S1 Setup Response after several retries or reception of S1 Setup Failure response). This indicates the s1Interface down and no other procedure can be performed towards the MME.		
Remedial action: Check the status of the MME Check the communication path to the MME		

Table 27-337 MME_s1InterfacelInactive

Alarm	Attributes	Applicable major releases
Name: MME_s1InterfacelInactive (6099) Type: communicationsAlarm (4) Package: femto Raised on class: femto.MME	Severity: critical Implicitly cleared: true Default probable cause: communicationsProtocolError (901)	<ul style="list-style-type: none"> LR14.2.SC
Description: This fault indicates that S1 link between SCGW and MME has been locked through an OAM action. This alarm gets cleared when S1 link is unlocked		
Remedial action: Perform an unlock operation for the S1 interface on the OAM system GUI		

Table 27-338 MME_s1SCTPAssociationDown

Alarm	Attributes	Applicable major releases
Name: MME_s1SCTPAssociationDown (6100) Type: communicationsAlarm (4) Package: femto Raised on class: femto.MME	Severity: critical Implicitly cleared: true Default probable cause: communicationsProtocolError (901)	<ul style="list-style-type: none"> LR14.2.SC
Description: This fault indicates SCTP association failure between SCGW and MME.		
Remedial action: Check the status of the MME Check the communication path to the MME		

Table 27-339 MMERegion_invalidTacRegion

Alarm	Attributes	Applicable major releases
Name: MMERegion_invalidTacRegion (6095) Type: communicationsAlarm (4) Package: femto Raised on class: femto.MMERegion	Severity: major Implicitly cleared: false Default probable cause: communicationsProtocolError (901)	<ul style="list-style-type: none"> LR14.2.SC
Description: This fault is raised when operators configures a region with a TAC that is already used by an existing region		
Remedial action: Correct the region's configuration in the appropriate MMERegion object		

Table 27-340 MMERegion_s1InterfaceFailure

Alarm	Attributes	Applicable major releases
Name: MMERegion_s1InterfaceFailure (6096) Type: communicationsAlarm (4) Package: femto Raised on class: femto.MMERegion	Severity: critical Implicitly cleared: true Default probable cause: communicationsProtocolError (901)	<ul style="list-style-type: none"> LR14.2.SC
Description: S1 Interface towards all the MME's in this MMERegion are down.		
Remedial action: Check the status of the MMEs Check the communication path to the MME		

Table 27-341 MobileConnectorDown

Alarm	Attributes	Applicable major releases
Name: MobileConnectorDown (1064) Type: EpcAlarm (59) Package: Iteservice Raised on class: Iteservice.MobileServiceConnector	Severity: minor Implicitly cleared: true Default probable cause: EpcDown (519)	<ul style="list-style-type: none"> LR14.2.SC
Description: The alarm is raised when the 5620 SAM no longer manages the EPS path instance of this mobile service site. As a result, the service must be regenerated.		
Raising condition: ('EPS Path' EQUAL "\")		
Clearing condition: ('EPS Path' NOT EQUAL "\")		
Remedial action: The underlying transport network has gone down resulting in the deletion of a mobile service connector (EPS path). Correct the issue with the transport network and regenerate the mobile service connector by clicking on the re-calculate button on the mobile service properties form.		

Table 27-342 NeManagementAndTrapManagementMismatch

Alarm	Attributes	Applicable major releases
Name: NeManagementAndTrapManagementMismatch (1079) Type: communicationsAlarm (4) Package: netw Raised on class: netw.NetworkElement	Severity: warning Implicitly cleared: true Default probable cause: neManagementChange (817)	<ul style="list-style-type: none"> LR14.2.SC
Description: This user-defined alarm is raised when the NE configuration is one of the following: - The Active Management IP is set to Out Of Band, and the Primary Route Preference is set to In Band. - The Active Management IP is set to In Band, and the Primary Route Preference is set to Out of Band.		
Raising condition: (((('Active Management IP' EQUAL 'In Band') AND (('Management IP Selection' EQUAL 'In Band Preferred') OR ('Management IP Selection' EQUAL 'In Band Only'))) AND ('Primary Route Preference' EQUAL 'Out Of Band') AND ('Secondary Route Preference' EQUAL 'In Band')) OR (('Active Management IP' EQUAL 'Out Of Band') AND (('Management IP Selection' EQUAL 'Out Of Band Preferred') OR ('Management IP Selection' EQUAL 'Out Of Band Only'))) AND ('Primary Route Preference' EQUAL 'In Band') AND ('Secondary Route Preference' EQUAL 'Out Of Band'))		
Clearing condition: (((('Active Management IP' EQUAL 'In Band') AND (('Management IP Selection' EQUAL 'In Band Preferred') OR ('Management IP Selection' EQUAL 'In Band Only'))) AND ('Primary Route Preference' EQUAL 'In Band')) OR (('Active Management IP' EQUAL 'Out Of Band') AND (('Management IP Selection' EQUAL 'Out Of Band Preferred') OR ('Management IP Selection' EQUAL 'Out Of Band Only'))) AND ('Primary Route Preference' EQUAL 'Out Of Band'))		
Remedial action: A configuration error has been made which must be corrected. The parameters described in the description for this alarm must match.		

Table 27-343 NewSsh2ServerKeyDetected

Alarm	Attributes	Applicable major releases
Name: NewSsh2ServerKeyDetected (285) Type: communicationsAlarm (4) Package: security Raised on class: security.KnownHostKey	Severity: warning Implicitly cleared: true Default probable cause: ssh2ServerKeyMismatch (217)	<ul style="list-style-type: none"> LR14.2.SC
Description: The alarm is raised when a 5620 SAM main server detects a new public SSH key.		
Raising condition: ('SSH2 Server Key Status' EQUAL 'Mismatch SSH2 Host Key')		
Clearing condition: ('SSH2 Server Key Status' EQUAL 'Active SSH2 Host Key')		
Remedial action: Informational - possible security breach. The SSH key of the router is different from the one known to the SAM server.		

Table 27-344 NextHopHeartBeat_fgwActiveSRLinkDown

Alarm	Attributes	Applicable major releases
Name: NextHopHeartBeat_fgwActiveSRLinkDown (6151) Type: communicationsAlarm (4) Package: femto Raised on class: femto.NextHopHeartBeat	Severity: critical Implicitly cleared: false Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> LR14.2.SC
Description: This alarm is reported to indicate that SCGW Active node cannot reach one of the SRs connected to it. This alarm shall be raised for each SR failure		
Remedial action: Check the connection between the gateway and the service router for the active SR link		

Table 27-345 NextHopHeartBeat_fgwStandbySRLinkDown

Alarm	Attributes	Applicable major releases
Name: NextHopHeartBeat_fgwStandbySRLinkDown (6152) Type: communicationsAlarm (4) Package: femto Raised on class: femto.NextHopHeartBeat	Severity: critical Implicitly cleared: false Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> LR14.2.SC
Description: This alarm is reported to indicate that SCGW Standby node cannot reach one of the SRs connected to it. This alarm shall be raised for each SR failure		
Remedial action: Check the connection between the gateway and the service router for the standby SR link		

Table 27-346 NodeDatabaseFallbackDetected

Alarm	Attributes	Applicable major releases
Name: NodeDatabaseFallbackDetected (2923) Type: communicationsAlarm (4) Package: netw Raised on class: netw.NetworkElement	Severity: major Implicitly cleared: true Default probable cause: nodeDatabaseFallback (1121)	<ul style="list-style-type: none"> LR14.2.SC
Description: The alarm is raised when a configuration fallback is detected on the node and comes back up with a previous configuration. To correct this situation it might be necessary to reconfigure the node, or perform full resync its database with the 'fallback' configuration returned by the node.		
Raising condition: ('State' EQUAL 'Node Configuration Fallback')		
Clearing condition: ('State' EQUAL 'Managed')		
Remedial action: the NE has come back to a previous configuration. Perform a manual Full Resync or a Reconfigure of the NE		

Table 27-347 NodeDatabaseMisalignmentDetected

Alarm	Attributes	Applicable major releases
Name: NodeDatabaseMisalignmentDetected (2924) Type: communicationsAlarm (4) Package: netw Raised on class: netw.NetworkElement	Severity: major Implicitly cleared: true Default probable cause: nodeDatabaseMisalignment (1122)	<ul style="list-style-type: none"> LR14.2.SC
Description: The alarm is raised when a configuration misalignment has been detected on the node and comes back up with an unexpected configuration (configuration change triggered by external tool) To correct this situation it might be necessary to reconfigure the node with the 5620 SAM's old configuration or accept the new configuration received from the node.		
Raising condition: ('State' EQUAL 'Node Configuration Misalignment')		
Clearing condition: ('State' EQUAL 'Managed')		
Remedial action: the NE configuration is misaligned. Perform a resync in order to update SAM configuration according to the NE.		

Table 27-348 NodeSuspended

Alarm	Attributes	Applicable major releases
Name: NodeSuspended (5123) Type: communicationsAlarm (4) Package: netw Raised on class: netw.NetworkElement	Severity: critical Implicitly cleared: true Default probable cause: NodeSuspend (2057)	<ul style="list-style-type: none"> LR14.2.SC
Description: The alarm is raised when the 5620 SAM detects an NE moved to suspend state as per user request.		
Raising condition: ('SNMP Reachability' EQUAL 'Suspended')		
Clearing condition: ('SNMP Reachability' NOT EQUAL 'Suspended')		
Remedial action: This alarm is raised when user suspends the network element. The alarm will be cleared when the network element is managed back.		

Table 27-349 OAM_120

Alarm	Attributes	Applicable major releases
Name: OAM_120 (6153) Type: communicationsAlarm (4) Package: femto Raised on class: femto.FGW	Severity: critical Implicitly cleared: true Default probable cause: communicationsSubsystemFailure (915)	<ul style="list-style-type: none"> LR14.2.SC
Description: Loss of OAM link between SAM and FGW.		
Remedial action: No particular action is required. This notification may be required by Global Product Support for debugging purposes		

Table 27-350 OAM_121

Alarm	Attributes	Applicable major releases
Name: OAM_121 (6154) Type: communicationsAlarm (4) Package: femto Raised on class: femto.FGW	Severity: warning Implicitly cleared: true Default probable cause: communicationsSubsystemFailure (915)	<ul style="list-style-type: none"> LR14.2.SC
Description: The OAMLinkAdministrativeState parameter (FGW object) is equal to locked.		
Remedial action: Find out why the OAMLinkAdministrativeState was locked in the first place. Set the OAMLinkAdministrativeState parameter (FGW object) to unlocked.		

Table 27-351 OAM_122

Alarm	Attributes	Applicable major releases
Name: OAM_122 (6155) Type: processingErrorAlarm (81) Package: femto Raised on class: femto.FGW	Severity: major Implicitly cleared: true Default probable cause: configurationOrCustomizationError (902)	<ul style="list-style-type: none"> LR14.2.SC
Description: The MIB number received from NE is different from the MIB number stored in the active view.		
Remedial action: NA		

Table 27-352 OAM_123

Alarm	Attributes	Applicable major releases
Name: OAM_123 (6156) Type: processingErrorAlarm (81) Package: femto Raised on class: femto.FGW	Severity: major Implicitly cleared: true Default probable cause: configurationOrCustomizationError (902)	<ul style="list-style-type: none"> LR14.2.SC
Description: The FGW ID received from NE is different from the data configured at SAM.		
Remedial action: Undeclare and then declare the FGW with the correct FGW ID		

Table 27-353 OAM_124

Alarm	Attributes	Applicable major releases
Name: OAM_124 (6157) Type: processingErrorAlarm (81) Package: femto Raised on class: femto.FGW	Severity: major Implicitly cleared: true Default probable cause: configurationOrCustomizationError (902)	<ul style="list-style-type: none"> LR14.2.SC
Description: The FGW Cluster ID received from NE is different from the data configured at SAM.		
Remedial action: Undeclare and then declare the FGW with the correct FGW Cluster ID		

Table 27-354 OAM_223

Alarm	Attributes	Applicable major releases
Name: OAM_223 (6164) Type: communicationsAlarm (4) Package: femto Raised on class: femto.FGW	Severity: critical Implicitly cleared: true Default probable cause: communicationsSubsystemFailure (915)	<ul style="list-style-type: none"> LR14.2.SC
Description: PM File retrieval failed for the NE.		
Remedial action: Check the communication link between PM Server and FileServer. This notification may be required by Global Product Support for debugging purposes		

Table 27-355 OrphanNodeDetected

Alarm	Attributes	Applicable major releases
Name: OrphanNodeDetected (4866) Type: discoveryControlAlarm (33) Package: netw Raised on class: netw.AdvertisedNode	Severity: major Implicitly cleared: true Default probable cause: nodeNotMangedByAnyEms (1934)	<ul style="list-style-type: none"> LR14.2.SC
Description: The alarm is raised when node is node managed by any EMS after n retries(threshold crossed) it is manually cleared by the operator or when the node is discovered.		
Raising condition: ('State' EQUAL 'Orphan')		
Remedial action: The NE is not managed by any SAM.Add an discovery rule in order to managed it.		

Table 27-356 OverloadedCard

Alarm	Attributes	Applicable major releases
Name: OverloadedCard (2941) Type: cardAlarm (100) Package: equipment Raised on class: equipment.AtcaCard	Severity: variable Implicitly cleared: true Default probable cause: overloadedCard (1132)	<ul style="list-style-type: none"> LR14.2.SC
Description: The alarm is raised when an ATCA card becomes overloaded.		
Raising condition: (('Overload State' EQUAL 'Critical') OR ('Overload State' EQUAL 'Resource Critical'))		
Clearing condition: ('Overload State' EQUAL 'Normal')		
Remedial action: Investigate /opt/tpa/logs/RACServer.log on the CSB to determine cause of system overload.		

Table 27-357 OverTemperatureDetected

Alarm	Attributes	Applicable major releases
Name: OverTemperatureDetected (388) Type: environmentalAlarm (2) Package: equipment Raised on class: equipment.Shelf	Severity: major Implicitly cleared: true Default probable cause: equipmentOverheated (5)	<ul style="list-style-type: none"> LR14.2.SC
Description: The alarm is raised when the chassis temperature exceeds the maximum threshold value.		
Raising condition: ('Over Temperature State' EQUAL 'Over')		
Clearing condition: ('Over Temperature State' NOT EQUAL 'Over')		
Remedial action: The NE has detected internal temperatures which are abnormally high. This could be caused by a failed fan unit or one or more dirty fan filters. Replacing the failed unit or filters should resolve the problem. Alternately the environment that the NE is operating in may not be within specifications found in the NE user guides.		

Table 27-358 PartialResyncProblem

Alarm	Attributes	Applicable major releases
Name: PartialResyncProblem (4401) Type: communicationsAlarm (4) Package: netw Raised on class: netw.NetworkElement	Severity: warning Implicitly cleared: true Default probable cause: partialResyncProblem (1578)	<ul style="list-style-type: none"> LR14.2.SC
Description: The alarm is raised when a partial resync on an NE fails. For example, when resyncing only some MIB entries as opposed to a full resync. The periodic reachability test (sysUpTime) is not considered a partial resync, neither is a full resync. However, a PartialResyncProblem alarm can only be reset by a FullResync.		
Raising condition: (partialResyncStatus' EQUAL 'Partial Resync Failed')		
Clearing condition: (partialResyncStatus' EQUAL 'Partial Resync Done')		

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Alarm	Attributes	Applicable major releases
Remedial action: Informational - if the alarm persists or is occurring frequently then investigation is required to understand a) why the underlying transport network is unreliable or b) why the NE is too busy to respond to 5620 SAM or c) has SNMP been disabled on the NE.		

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Table 27-359 PCIEthernetCard_cardFailure

Alarm	Attributes	Applicable major releases
Name: PCIEthernetCard_cardFailure (6165) Type: equipmentAlarm (3) Package: femto Raised on class: femto.PCIEthernetCard	Severity: critical Implicitly cleared: false Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> LR14.2.SC
Description: This fault is generated when PCI Ethernet card failure occurs		
Remedial action: See the nodal documentation for more information.		

Table 27-360 PCIEthernetPort_cardFailure

Alarm	Attributes	Applicable major releases
Name: PCIEthernetPort_cardFailure (6166) Type: equipmentAlarm (3) Package: femto Raised on class: femto.PCIEthernetPort	Severity: critical Implicitly cleared: false Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> LR14.2.SC
Description: This fault is generated when a PCI Ethernet Port failure occurs		
Remedial action: See the nodal documentation for more information.		

Table 27-361 PCIEthernetPort_interfaceActive

Alarm	Attributes	Applicable major releases
Name: PCIEthernetPort_interfaceActive (6167) Type: communicationsAlarm (4) Package: femto Raised on class: femto.PCIEthernetPort	Severity: minor Implicitly cleared: false Default probable cause: unspecifiedReason (802)	<ul style="list-style-type: none"> LR14.2.SC
Description: This fault is generated when the PCI Ethernet Port interface is up		
Remedial action: See the nodal documentation for more information.		

Table 27-362 PersistentIndexParametersMisconfigured

Alarm	Attributes	Applicable major releases
Name: PersistentIndexParametersMisconfigured (173) Type: configurationAlarm (11) Package: netw Raised on class: netw.NetworkElement	Severity: major Implicitly cleared: true Default probable cause: persistentIndexConfigurationMismatch (136)	<ul style="list-style-type: none"> LR14.2.SC
Description: The alarm is raised when persistence is set to Off in the NE BOF.		
Raising condition: (('Persistent SNMP Indices' EQUAL 'False') OR (('hasRedundantProcessorCards' EQUAL 'true') AND ('Redundant Synchronization Mode' EQUAL 'None')))		
Clearing condition: (('Persistent SNMP Indices' EQUAL 'True') AND (('hasRedundantProcessorCards' EQUAL 'false') OR ('Redundant Synchronization Mode' NOT EQUAL 'None')))		
Remedial action: A configuration error has occurred that must be corrected. Use the CLI on the NE to enable persistency in the BOF. The discovery process will complete on the next discovery scan. A re-scan can be triggered immediately for the NE from within the discovery manager		

Table 27-363 PhysicalInterfaceB_vLANInterfaceDown

Alarm	Attributes	Applicable major releases
Name: PhysicalInterfaceB_vLANInterfaceDown (6170) Type: communicationsAlarm (4) Package: femto Raised on class: femto.PhysicalInterfaceB	Severity: critical Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> LR14.2.SC
Description: This fault indicates that VLAN is not reachable and it is not active.		
Remedial action: Ensure that the VLAN is properly configured on all the hops switches and routers		

Table 27-364 PollerProblem

Alarm	Attributes	Applicable major releases
Name: PollerProblem (31) Type: communicationsAlarm (4) Package: netw Raised on class: netw.NetworkElement	Severity: warning Implicitly cleared: true Default probable cause: resyncFailed (24)	<ul style="list-style-type: none"> LR14.2.SC
Description: The alarm is raised when the 5620 SAM is unable to poll a network object, for example, because of intermittent or no IP connectivity to an NE, incorrect SNMP security parameters, or disabled SNMP on the NE.		
Raising condition: ('Resync Status' EQUAL 'Full Resync Failed')		
Clearing condition: ('Resync Status' EQUAL 'Full Resync Done')		

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Alarm	Attributes	Applicable major releases
Remedial action: Informational - if the alarm persists or is occurring frequently then investigation is required to understand a) why the underlying transport network is unreliable or b) why the NE is too busy to respond to 5620 SAM or c) has SNMP been disabled on the NE. Once the issue has been resolved SAM will automatically re-attempt.		

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Table 27-365 PowerModule_voltageALocalFailure

Alarm	Attributes	Applicable major releases
Name: PowerModule_voltageALocalFailure (6171) Type: environmentalAlarm (2) Package: femto Raised on class: femto.SCATCAPowerModule	Severity: major Implicitly cleared: true Default probable cause: powerProblem (911)	<ul style="list-style-type: none"> LR14.2.SC
Description: This Alarm is raised when the 48V Voltage Failure happens in the power supply A of the local Shelf.		
Remedial action: See the nodal documentation for more information.		

Table 27-366 PowerModule_voltageARemoteFailure

Alarm	Attributes	Applicable major releases
Name: PowerModule_voltageARemoteFailure (6172) Type: environmentalAlarm (2) Package: femto Raised on class: femto.SCATCAPowerModule	Severity: major Implicitly cleared: true Default probable cause: powerProblem (911)	<ul style="list-style-type: none"> LR14.2.SC
Description: This Alarm is raised when the 48V Voltage Failure happens in the power supply A of the remote Shelf.		
Remedial action: See the nodal documentation for more information.		

Table 27-367 PowerModule_voltageBLocalFailure

Alarm	Attributes	Applicable major releases
Name: PowerModule_voltageBLocalFailure (6173) Type: environmentalAlarm (2) Package: femto Raised on class: femto.SCATCAPowerModule	Severity: major Implicitly cleared: true Default probable cause: powerProblem (911)	<ul style="list-style-type: none"> LR14.2.SC
Description: This Alarm is raised when the 48V Voltage Failure happens in the power supply B of the local Shelf.		
Remedial action: See the nodal documentation for more information.		

Table 27-368 PowerModule_voltageBRemoteFailure

Alarm	Attributes	Applicable major releases
Name: PowerModule_voltageBRemoteFailure (6174) Type: environmentalAlarm (2) Package: femto Raised on class: femto.SCATCAPowerModule	Severity: major Implicitly cleared: true Default probable cause: powerProblem (911)	<ul style="list-style-type: none"> LR14.2.SC
Description: This Alarm is raised when the 48V Voltage Failure happens in the power supply B of the remote Shelf.		
Remedial action: See the nodal documentation for more information.		

Table 27-369 PowerSupplySlot_presenceDetectedAssert

Alarm	Attributes	Applicable major releases
Name: PowerSupplySlot_presenceDetectedAssert (6175) Type: physicalViolation (91) Package: femto Raised on class: femto.PowerSupplySlot	Severity: minor Implicitly cleared: false Default probable cause: intrusionDetection (670)	<ul style="list-style-type: none"> LR14.2.SC
Description: Presence detected assert		
Remedial action: See the nodal documentation for more information.		

Table 27-370 PowerSupplySlot_presenceDetectedDeassert

Alarm	Attributes	Applicable major releases
Name: PowerSupplySlot_presenceDetectedDeassert (6176) Type: physicalViolation (91) Package: femto Raised on class: femto.PowerSupplySlot	Severity: minor Implicitly cleared: false Default probable cause: intrusionDetection (670)	<ul style="list-style-type: none"> LR14.2.SC
Description: Presence detected de-assert		
Remedial action: See the nodal documentation for more information.		

Table 27-371 PowerSupplySlot_pwrSupFailuerDeassert

Alarm	Attributes	Applicable major releases
Name: PowerSupplySlot_pwrSupFailuerDeassert (6177) Type: equipmentAlarm (3) Package: femto Raised on class: femto.PowerSupplySlot	Severity: major Implicitly cleared: false Default probable cause: powerProblem (911)	<ul style="list-style-type: none"> LR14.2.SC
Description: Predictive failure assert		
Remedial action: See the nodal documentation for more information.		

Table 27-372 PowerSupplySlot_pwrSupFailureAssert

Alarm	Attributes	Applicable major releases
Name: PowerSupplySlot_pwrSupFailureAssert (6178) Type: equipmentAlarm (3) Package: femto Raised on class: femto.PowerSupplySlot	Severity: critical Implicitly cleared: true Default probable cause: powerProblem (911)	<ul style="list-style-type: none"> LR14.2.SC
Description: Power supply failure detected assert		
Remedial action: See the nodal documentation for more information.		

Table 27-373 PowerSupplySlot_pwrSupInputLost

Alarm	Attributes	Applicable major releases
Name: PowerSupplySlot_pwrSupInputLost (6179) Type: equipmentAlarm (3) Package: femto Raised on class: femto.PowerSupplySlot	Severity: critical Implicitly cleared: false Default probable cause: powerProblem (911)	<ul style="list-style-type: none"> LR14.2.SC
Description: Power supply input lost assert		
Remedial action: See the nodal documentation for more information.		

Table 27-374 Presence_presenceServerFailure

Alarm	Attributes	Applicable major releases
Name: Presence_presenceServerFailure (6180) Type: communicationsAlarm (4) Package: femto Raised on class: femto.PresenceServer	Severity: major Implicitly cleared: true Default probable cause: communicationsSubsystemFailure (915)	<ul style="list-style-type: none"> LR14.2.SC
Description: Communication with a Presence server has been lost.		
Remedial action: See the nodal documentation for more information.		

Table 27-375 Presence_publishRespBadEvent

Alarm	Attributes	Applicable major releases
Name: Presence_publishRespBadEvent (6181) Type: communicationsAlarm (4) Package: femto Raised on class: femto.PresenceServer	Severity: minor Implicitly cleared: false Default probable cause: communicationsProtocolError (901)	<ul style="list-style-type: none"> LR14.2.SC
Description: This fault is generated when the SCGW receives a 489 (Bad Event) response in return to a SIP PUBLISH		
Remedial action: See the nodal documentation for more information.		

Table 27-376 Presence_publishRespInvalidReq

Alarm	Attributes	Applicable major releases
Name: Presence_publishRespInvalidReq (6182) Type: communicationsAlarm (4) Package: femto Raised on class: femto.PresenceServer	Severity: minor Implicitly cleared: false Default probable cause: communicationsProtocolError (901)	<ul style="list-style-type: none"> LR14.2.SC
Description: This fault is generated when the SCGW receives a 400 (Invalid Request) response in return to a SIP PUBLISH		
Remedial action: See the nodal documentation for more information.		

Table 27-377 Presence_publishRespNotFound

Alarm	Attributes	Applicable major releases
Name: Presence_publishRespNotFound (6183) Type: communicationsAlarm (4) Package: femto Raised on class: femto.PresenceServer	Severity: minor Implicitly cleared: false Default probable cause: communicationsProtocolError (901)	<ul style="list-style-type: none"> LR14.2.SC

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Alarm	Attributes	Applicable major releases
Description: This fault is generated when the SCGW receives a 404 (Not Found) response in return to a SIP PUBLISH		
Remedial action: See the nodal documentation for more information.		

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Table 27-378 Presence_publishRespTimeOut

Alarm	Attributes	Applicable major releases
Name: Presence_publishRespTimeOut (6184) Type: communicationsAlarm (4) Package: femto Raised on class: femto.PresenceServer	Severity: minor Implicitly cleared: false Default probable cause: communicationsProtocolError (901)	<ul style="list-style-type: none"> LR14.2.SC
Description: This fault is generated if the SCGW received no response after SIP PUBLISHretransmissions are exhausted		
Remedial action: See the nodal documentation for more information.		

Table 27-379 Presence_publishRespUnsupMediaType

Alarm	Attributes	Applicable major releases
Name: Presence_publishRespUnsupMediaType (6185) Type: communicationsAlarm (4) Package: femto Raised on class: femto.PresenceServer	Severity: minor Implicitly cleared: false Default probable cause: communicationsProtocolError (901)	<ul style="list-style-type: none"> LR14.2.SC
Description: This fault is generated when the SCGW receives a 415 (Unsupported Media Type) response in return to a SIP PUBLISH		
Remedial action: See the nodal documentation for more information.		

Table 27-380 PrimaryImageBootFailure

Alarm	Attributes	Applicable major releases
Name: PrimaryImageBootFailure (191) Type: configurationAlarm (11) Package: sw Raised on class: sw.CardSoftware	Severity: warning Implicitly cleared: true Default probable cause: bootOptionFileMisconfigured (150)	<ul style="list-style-type: none"> LR14.2.SC
Description: The alarm is raised when the primary software image specified in an NE BOF is unusable.		
Raising condition: (('imageSource' NOT EQUAL 'Primary') AND ('imageSource' NOT EQUAL 'Unknown'))		
Clearing condition: (('imageSource' EQUAL 'Primary') OR ('imageSource' EQUAL 'Unknown'))		

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Alarm	Attributes	Applicable major releases
Remedial action: The SW image on the NE may have been inadvertently corrupted. Download a new copy of the SW image to the NE. If the problem persists contact Alcatel-Lucent support for assistance.		

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Table 27-381 ProcessMonitor_processRestart

Alarm	Attributes	Applicable major releases
Name: ProcessMonitor_processRestart (6186) Type: processingErrorAlarm (81) Package: femto Raised on class: femto.ProcessMonitor	Severity: major Implicitly cleared: true Default probable cause: operationalCondition (2441)	<ul style="list-style-type: none"> LR14.2.SC
Description: This fault is generated when this process has had an unexpected restart.		
Remedial action: See the nodal documentation for more information.		

Table 27-382 ProcessMonitor_processRestartThreshold

Alarm	Attributes	Applicable major releases
Name: ProcessMonitor_processRestartThreshold (6187) Type: processingErrorAlarm (81) Package: femto Raised on class: femto.ProcessMonitor	Severity: critical Implicitly cleared: false Default probable cause: thresholdCrossed (12)	<ul style="list-style-type: none"> LR14.2.SC
Description: This fault is generated when the number of restarts counted for this process has exceeded the threshold defined by attribute restartThreshold		
Remedial action: See the nodal documentation for more information.		

Table 27-383 PsRegion_invalidSuperLacOverlap

Alarm	Attributes	Applicable major releases
Name: PsRegion_invalidSuperLacOverlap (6188) Type: integrityViolation (85) Package: femto Raised on class: femto.PsRegion	Severity: minor Implicitly cleared: false Default probable cause: configurationOrCustomizationError (902)	<ul style="list-style-type: none"> LR14.2.SC
Description: Incorrect configuration for superLAC values which have different superLACs for overlapping regions.		
Remedial action: See the nodal documentation for more information.		

Table 27-384 RadiusOperStatusDown

Alarm	Attributes	Applicable major releases
Name: RadiusOperStatusDown (3692) Type: radiusOperStatusDownAlarm (105) Package: netw Raised on class: netw.NetworkElement	Severity: critical Implicitly cleared: true Default probable cause: radiusOperationStatusDown (1431)	<ul style="list-style-type: none"> LR14.2.SC
Description: The alarm is raised when all RADIUS servers have gone down.		
Raising condition: ('Global RADIUS Operational State' EQUAL 'Down')		
Clearing condition: ('Global RADIUS Operational State' EQUAL 'Up')		
Remedial action: Verify the RADIUS server is properly configured and radius server state is up. Check the connectivity between SAM server and radius server configured on the Network element.		

Table 27-385 ReachabilityProblem

Alarm	Attributes	Applicable major releases
Name: ReachabilityProblem (243) Type: communicationsAlarm (4) Package: netw Raised on class: netw.NetworkElement	Severity: major Implicitly cleared: true Default probable cause: ReachabilityTestFailed (176)	<ul style="list-style-type: none"> LR14.2.SC
Description: The alarm is raised when a mediation poll of the SysUpTimeAlarm object on an NE fails, for example, because of network congestion or because the NE is too busy to respond. The probable cause is an unreachable NE Mediation agent on the NE. The polling interval depends on the NE type and is configurable in nms-server.xml. By default, the 5620 SAM polls a managed NE every four minutes. If a poll fails, the alarm is raised. The alarm clears when the 5620 SAM receives a response from the NE, and the 5620 SAM GUI icon that represents the NE turns from red to green.		
Raising condition: ('SNMP Reachability' EQUAL 'Down')		
Remedial action: Informational - if the alarm persists or is occurring frequently then investigation is required to understand a) why the underlying transport network is unreliable or b) why the NE is too busy to respond to 5620 SAM or c) has SNMP been disabled on the NE. Once the issue has been resolved SAM will automatically re-attempt.		

Table 27-386 ReconfigFailure

Alarm	Attributes	Applicable major releases
Name: ReconfigFailure (1949) Type: communicationsAlarm (4) Package: netw Raised on class: netw.NetworkElement	Severity: critical Implicitly cleared: true Default probable cause: failedReconfig (937)	<ul style="list-style-type: none"> LR14.2.SC
Description: This alarm is raised when the reconfig action failed.		
Raising condition: ('State' EQUAL 'Failed')		
Clearing condition: ('State' NOT EQUAL 'Failed')		

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Alarm	Attributes	Applicable major releases
Remedial action: Verify that the object is configured as expected.		

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Table 27-387 RTM_rtmMP3_3V

Alarm	Attributes	Applicable major releases
Name: RTM_rtmMP3_3V (6191) Type: equipmentAlarm (3) Package: femto Raised on class: femto.SCATICARTM	Severity: major Implicitly cleared: false Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> LR14.2.SC
Description: This Alarm is raised when failure happens to RTM 3.3V monitoring from the carrier.		
Remedial action: See the nodal documentation for more information.		

Table 27-388 RTM_rtmPower12V

Alarm	Attributes	Applicable major releases
Name: RTM_rtmPower12V (6192) Type: equipmentAlarm (3) Package: femto Raised on class: femto.SCATICARTM	Severity: major Implicitly cleared: false Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> LR14.2.SC
Description: This Alarm is raised when failure happens to RTM 12V monitoring from the carrier.		
Remedial action: See the nodal documentation for more information.		

Table 27-389 RTM_rtmPowerCurrent

Alarm	Attributes	Applicable major releases
Name: RTM_rtmPowerCurrent (6193) Type: equipmentAlarm (3) Package: femto Raised on class: femto.SCATICARTM	Severity: major Implicitly cleared: false Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> LR14.2.SC
Description: This Alarm is raised when failure happens to RTM current monitoring from the carrier.		
Remedial action: See the nodal documentation for more information.		

Table 27-390 RTM_rtmPowerPGD

Alarm	Attributes	Applicable major releases
Name: RTM_rtmPowerPGD (6194) Type: equipmentAlarm (3) Package: femto Raised on class: femto.SCATCARTM	Severity: major Implicitly cleared: false Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> LR14.2.SC
Description: This Alarm is raised when failure happens to Power supply status,from the RTM point of view.		
Remedial action: See the nodal documentation for more information.		

Table 27-391 SaveConfigFailed

Alarm	Attributes	Applicable major releases
Name: SaveConfigFailed (105) Type: configurationAlarm (11) Package: sw Raised on class: sw.BackupRestoreManager	Severity: major Implicitly cleared: true Default probable cause: fileAccessError (90)	<ul style="list-style-type: none"> LR14.2.SC
Description: The alarm is raised when the admin save command on an NE fails.		
Raising condition: ('Config Save State' EQUAL 'Failure')		
Clearing condition: ('Config Save State' EQUAL 'Success')		
Remedial action: Attempt the admin save command a second time. If the problem persists please contact Alcatel-Lucent support for assistance.		

Table 27-392 ScheduledPollerProblem

Alarm	Attributes	Applicable major releases
Name: ScheduledPollerProblem (4386) Type: communicationsAlarm (4) Package: netw Raised on class: netw.NetworkElement	Severity: warning Implicitly cleared: true Default probable cause: scheduledResyncFailed (1569)	<ul style="list-style-type: none"> LR14.2.SC
Description: The alarm is raised when the 5620 SAM is unable to poll a network object, for example, because of intermittent or no IP connectivity to an NE, incorrect SNMP security parameters, or disabled SNMP on the NE.		
Raising condition: ('Scheduled Resync Status' EQUAL 'Scheduled Resync Failed')		
Clearing condition: ('Scheduled Resync Status' EQUAL 'Scheduled Resync Done')		
Remedial action: Informational - if the alarm persists or is occurring frequently then investigation is required to understand a) why the underlying transport network is unreliable or b) why the NE is too busy to respond to 5620 SAM or c) has SNMP been disabled on the NE. Once the issue has been resolved SAM will automatically re-attempt.		

Table 27-393 SCTPAssociation_sCTPCantStart

Alarm	Attributes	Applicable major releases
Name: SCTPAssociation_sCTPCantStart (6206) Type: communicationsAlarm (4) Package: femto Raised on class: femto.SCTPAssociation	Severity: minor Implicitly cleared: true Default probable cause: communicationsProtocolError (901)	<ul style="list-style-type: none"> LR14.2.SC
Description: This fault is generated when a peer did not respond to an association setup attempt.		
Remedial action: See the nodal documentation for more information.		

Table 27-394 SCTPAssociation_sCTPcommunicationLost

Alarm	Attributes	Applicable major releases
Name: SCTPAssociation_sCTPcommunicationLost (6208) Type: communicationsAlarm (4) Package: femto Raised on class: femto.SCTPAssociation	Severity: major Implicitly cleared: true Default probable cause: communicationsProtocolError (901)	<ul style="list-style-type: none"> LR14.2.SC
Description: This fault is generated when the SCTP association is down		
Remedial action: See the nodal documentation for more information.		

Table 27-395 SCTPAssociation_sCTPPeerAddressChange

Alarm	Attributes	Applicable major releases
Name: SCTPAssociation_sCTPPeerAddressChange (6207) Type: communicationsAlarm (4) Package: femto Raised on class: femto.SCTPAssociation	Severity: major Implicitly cleared: false Default probable cause: communicationsProtocolError (901)	<ul style="list-style-type: none"> LR14.2.SC
Description: This notification informs the application that one of the peer's addresses has experienced a change of state		
Remedial action: See the nodal documentation for more information.		

Table 27-396 ServerHardware_chassisIntrusionAssert

Alarm	Attributes	Applicable major releases
Name: ServerHardware_chassisIntrusionAssert (6221) Type: physicalViolation (91) Package: femto Raised on class: femto.ServerHardware	Severity: minor Implicitly cleared: false Default probable cause: intrusionDetection (670)	<ul style="list-style-type: none"> LR14.2.SC
Description: Physical Security. Chassis intrusion assert		
Remedial action: See the nodal documentation for more information.		

Table 27-397 ServerHardware_chassisIntrusionDeassert

Alarm	Attributes	Applicable major releases
Name: ServerHardware_chassisIntrusionDeassert (6222) Type: physicalViolation (91) Package: femto Raised on class: femto.ServerHardware	Severity: minor Implicitly cleared: false Default probable cause: intrusionDetection (670)	<ul style="list-style-type: none"> LR14.2.SC
Description: Physical Security. Chassis intrusion de-assert		
Remedial action: See the nodal documentation for more information.		

Table 27-398 ServerHardware_dnsServerDown

Alarm	Attributes	Applicable major releases
Name: ServerHardware_dnsServerDown (6223) Type: processingErrorAlarm (81) Package: femto Raised on class: femto.ServerHardware	Severity: major Implicitly cleared: true Default probable cause: outOfService (798)	<ul style="list-style-type: none"> LR14.2.SC
Description: This fault is generated when the DNS server within FGW hardware is out of service.		
Remedial action: See the nodal documentation for more information.		

Table 27-399 ServerHardware_dskRedDegraded

Alarm	Attributes	Applicable major releases
Name: ServerHardware_dskRedDegraded (6224) Type: equipmentAlarm (3) Package: femto Raised on class: femto.ServerHardware	Severity: minor Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> LR14.2.SC
Description: Disk redundancy degraded assert. Redundancy still exists, but at a less than full level. This will not normally be used in the SCGW.		
Remedial action: See the nodal documentation for more information.		

Table 27-400 ServerHardware_dskRedDegradedFromFull

Alarm	Attributes	Applicable major releases
Name: ServerHardware_dskRedDegradedFromFull (6225) Type: equipmentAlarm (3) Package: femto Raised on class: femto.ServerHardware	Severity: minor Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> LR14.2.SC
Description: Redundant degrade from fully redundant assert. Unit has lost some disk redundant resource(s) but is still in a redundant state. Entered by a transition from Fully Redundant condition. This will not normally be used in the SCGW.		
Remedial action: See the nodal documentation for more information.		

Table 27-401 ServerHardware_dskRedInsufficientResource

Alarm	Attributes	Applicable major releases
Name: ServerHardware_dskRedInsufficientResource (6226) Type: equipmentAlarm (3) Package: femto Raised on class: femto.ServerHardware	Severity: major Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> LR14.2.SC
Description: Non redundant insufficient resources assert. Unit is non-redundant and has insufficient power supply resources to maintain normal operation.		
Remedial action: See the nodal documentation for more information.		

Table 27-402 ServerHardware_dskRedLost

Alarm	Attributes	Applicable major releases
Name: ServerHardware_dskRedLost (6227) Type: equipmentAlarm (3) Package: femto Raised on class: femto.ServerHardware	Severity: major Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> LR14.2.SC
Description: Disk redundancy lost assert. Entered any non-redundant state, including Non-redundant: Insufficient Resources		
Remedial action: See the nodal documentation for more information.		

Table 27-403 ServerHardware_dskRedLostFunctioning

Alarm	Attributes	Applicable major releases
Name: ServerHardware_dskRedLostFunctioning (6228) Type: equipmentAlarm (3) Package: femto Raised on class: femto.ServerHardware	Severity: major Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> LR14.2.SC
Description: Non redundant sufficient resources . Disk redundancy has been lost but unit is functioning with minimum resources needed for 'normal' operation. Entered from Redundancy Degraded or Fully Redundant.		
Remedial action: See the nodal documentation for more information.		

Table 27-404 ServerHardware_dskRedMinimumResource

Alarm	Attributes	Applicable major releases
Name: ServerHardware_dskRedMinimumResource (6229) Type: equipmentAlarm (3) Package: femto Raised on class: femto.ServerHardware	Severity: minor Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> LR14.2.SC
Description: Non redundant sufficient from insufficient resources assert. Unit has regained minimum disk resources needed for 'normal' operation. Entered from Non-redundant:Insufficient Resources		
Remedial action: See the nodal documentation for more information.		

Table 27-405 ServerHardware_dskRedNotFullyRedundant

Alarm	Attributes	Applicable major releases
Name: ServerHardware_dskRedNotFullyRedundant (6230) Type: equipmentAlarm (3) Package: femto Raised on class: femto.ServerHardware	Severity: minor Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> LR14.2.SC
Description: Redundant degraded from non redundant assert. Unit has regained some disk resource(s) and is redundant but not fully redundant. Entered from Non-redundant:Sufficient Resources or Non-redundant:Insufficient Resources. This will not normally be used in the SCGW.		
Remedial action: See the nodal documentation for more information.		

Table 27-406 ServerHardware_dskRedRegained

Alarm	Attributes	Applicable major releases
Name: ServerHardware_dskRedRegained (6231) Type: equipmentAlarm (3) Package: femto Raised on class: femto.ServerHardware	Severity: minor Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> LR14.2.SC
Description: Fully redundant assert. Indicates that full disk redundancy has been regained.		
Remedial action: See the nodal documentation for more information.		

Table 27-407 ServerHardware_IAANLostDeassert

Alarm	Attributes	Applicable major releases
Name: ServerHardware_IAANLostDeassert (6232) Type: physicalViolation (91) Package: femto Raised on class: femto.ServerHardware	Severity: minor Implicitly cleared: false Default probable cause: intrusionDetection (670)	<ul style="list-style-type: none"> LR14.2.SC
Description: LAN leash lost de-assert		
Remedial action: See the nodal documentation for more information.		

Table 27-408 ServerHardware_IANLostAssert

Alarm	Attributes	Applicable major releases
Name: ServerHardware_IANLostAssert (6233) Type: physicalViolation (91) Package: femto Raised on class: femto.ServerHardware	Severity: minor Implicitly cleared: false Default probable cause: intrusionDetection (670)	<ul style="list-style-type: none"> LR14.2.SC
Description: LAN leash lost assert. System is unplugged from LAN		
Remedial action: See the nodal documentation for more information.		

Table 27-409 ServerHardware_platformSecOutOfBandPswd

Alarm	Attributes	Applicable major releases
Name: ServerHardware_platformSecOutOfBandPswd (6234) Type: securityServiceOrMechanismViolation (92) Package: femto Raised on class: femto.ServerHardware	Severity: minor Implicitly cleared: false Default probable cause: intrusionDetection (670)	<ul style="list-style-type: none"> LR14.2.SC
Description: Platform Security Violation. Out-of-band access password violation assert		
Remedial action: See the nodal documentation for more information.		

Table 27-410 ServerHardware_platformSecViolationAttempt

Alarm	Attributes	Applicable major releases
Name: ServerHardware_platformSecViolationAttempt (6235) Type: securityServiceOrMechanismViolation (92) Package: femto Raised on class: femto.ServerHardware	Severity: minor Implicitly cleared: false Default probable cause: intrusionDetection (670)	<ul style="list-style-type: none"> LR14.2.SC
Description: Platform Security Violation. Secure mode violation attempt assert		
Remedial action: See the nodal documentation for more information.		

Table 27-411 ServerHardware_pwrRedDegraded

Alarm	Attributes	Applicable major releases
Name: ServerHardware_pwrRedDegraded (6236) Type: equipmentAlarm (3) Package: femto Raised on class: femto.ServerHardware	Severity: minor Implicitly cleared: false Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> LR14.2.SC
Description: Power supple redundancy degraded assert. Redundancy still exists, but at a less than full level. For example, a system has four fans, and can tolerate the failure of two of them, and presently one has failed.		
Remedial action: See the nodal documentation for more information.		

Table 27-412 ServerHardware_pwrRedInsufficientResource

Alarm	Attributes	Applicable major releases
Name: ServerHardware_pwrRedInsufficientResource (6237) Type: equipmentAlarm (3) Package: femto Raised on class: femto.ServerHardware	Severity: critical Implicitly cleared: false Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> LR14.2.SC
Description: Non redundant insufficient resources assert. Unit is non-redundant and has insufficient power supply resources to maintain normal operation.		
Remedial action: See the nodal documentation for more information.		

Table 27-413 ServerHardware_pwrRedLost

Alarm	Attributes	Applicable major releases
Name: ServerHardware_pwrRedLost (6238) Type: equipmentAlarm (3) Package: femto Raised on class: femto.ServerHardware	Severity: minor Implicitly cleared: false Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> LR14.2.SC
Description: Power supply redundancy lost assert. Entered any non-redundant state, including Non-redundant: Insufficient Resources		
Remedial action: See the nodal documentation for more information.		

Table 27-414 ServerHardware_pwrRedMinimumResource

Alarm	Attributes	Applicable major releases
Name: ServerHardware_pwrRedMinimumResource (6239) Type: equipmentAlarm (3) Package: femto Raised on class: femto.ServerHardware	Severity: minor Implicitly cleared: false Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> LR14.2.SC
Description: Non redundant sufficient from insufficient resources assert. Unit has regained minimum power supply resources needed for 'normal' operation. Entered from Non-redundant:Insufficient Resources		
Remedial action: See the nodal documentation for more information.		

Table 27-415 ServerHardware_pwrRedRegained

Alarm	Attributes	Applicable major releases
Name: ServerHardware_pwrRedRegained (6240) Type: equipmentAlarm (3) Package: femto Raised on class: femto.ServerHardware	Severity: minor Implicitly cleared: false Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> LR14.2.SC
Description: Fully redundant assert. Indicates that full power supply redundancy has been regained.		
Remedial action: See the nodal documentation for more information.		

Table 27-416 ServerHardware_sntpServerDown

Alarm	Attributes	Applicable major releases
Name: ServerHardware_sntpServerDown (6241) Type: equipmentAlarm (3) Package: femto Raised on class: femto.ServerHardware	Severity: major Implicitly cleared: true Default probable cause: outOfService (798)	<ul style="list-style-type: none"> LR14.2.SC
Description: This fault is generated when the ToD server within FGW hardware is out of service		
Remedial action: See the nodal documentation for more information.		

Table 27-417 SS7Link_mtp3LinkDown

Alarm	Attributes	Applicable major releases
Name: SS7Link_mtp3LinkDown (6216) Type: communicationsAlarm (4) Package: femto Raised on class: femto.SS7Link	Severity: major Implicitly cleared: true Default probable cause: communicationsSubsystemFailure (915)	<ul style="list-style-type: none"> LR14.2.SC
Description: MTP3 Link is down		
Remedial action: See the nodal documentation for more information.		

Table 27-418 SS7Link_mtp3LinkRemotelyBlocked

Alarm	Attributes	Applicable major releases
Name: SS7Link_mtp3LinkRemotelyBlocked (6217) Type: communicationsAlarm (4) Package: femto Raised on class: femto.SS7Link	Severity: minor Implicitly cleared: true Default probable cause: remoteNodeTransmissionError (714)	<ul style="list-style-type: none"> LR14.2.SC
Description: The peer node has blocked the traffic on this MTP3 link		
Remedial action: See the nodal documentation for more information.		

Table 27-419 SS7Link_qsaalLinkCongested

Alarm	Attributes	Applicable major releases
Name: SS7Link_qsaalLinkCongested (6218) Type: qualityOfServiceAlarm (82) Package: femto Raised on class: femto.SS7Link	Severity: minor Implicitly cleared: true Default probable cause: congestion (694)	<ul style="list-style-type: none"> LR14.2.SC
Description: The traffic on the SSCF-NNI link has exceeded the congestion threshold		
Remedial action: See the nodal documentation for more information.		

Table 27-420 SS7LinkSet_congestionTowardsRemoteMTP3

Alarm	Attributes	Applicable major releases
Name: SS7LinkSet_congestionTowardsRemoteMTP3 (6214) Type: qualityOfServiceAlarm (82) Package: femto Raised on class: femto.SS7LinkSet	Severity: major Implicitly cleared: true Default probable cause: congestion (694)	<ul style="list-style-type: none"> LR14.2.SC
Description: Congestion at the MTP3 layer towards the peer node, as the traffic on the signalling link is beyond the capacity.		
Remedial action: See the nodal documentation for more information.		

Table 27-421 SS7LinkSet_remoteMTP3Unreachable

Alarm	Attributes	Applicable major releases
Name: SS7LinkSet_remoteMTP3Unreachable (6215) Type: communicationsAlarm (4) Package: femto Raised on class: femto.SS7LinkSet	Severity: critical Implicitly cleared: true Default probable cause: communicationsSubsystemFailure (915)	<ul style="list-style-type: none"> LR14.2.SC
Description: The peer node is unreachable as no MTP3 link is available in service on this interface.		
Remedial action: See the nodal documentation for more information.		

Table 27-422 SS7Stack_sS7StackFailure

Alarm	Attributes	Applicable major releases
Name: SS7Stack_sS7StackFailure (6219) Type: processingErrorAlarm (81) Package: femto Raised on class: femto.SS7Stack	Severity: critical Implicitly cleared: true Default probable cause: softwareError (718)	<ul style="list-style-type: none"> LR14.2.SC
Description: SS7 Stack bringup failure or the SP hosting the SS7 Stack Instance is down in distributed mode		
Remedial action: See the nodal documentation for more information.		

Table 27-423 SS7Stack_trilliumBuffersBelowThreshold

Alarm	Attributes	Applicable major releases
Name: SS7Stack_trilliumBuffersBelowThreshold (6220) Type: processingErrorAlarm (81) Package: femto Raised on class: femto.SS7Stack	Severity: critical Implicitly cleared: true Default probable cause: thresholdCrossed (12)	<ul style="list-style-type: none"> LR14.2.SC
Description: Available Trillium Buffers are below threshold		
Remedial action: See the nodal documentation for more information.		

Table 27-424 StatsRetrieveFailed

Alarm	Attributes	Applicable major releases
Name: StatsRetrieveFailed (244) Type: configurationAlarm (11) Package: sw Raised on class: sw.AccountingStatsRetrievalManager	Severity: major Implicitly cleared: false Default probable cause: fileTransferFailure (89)	<ul style="list-style-type: none"> LR14.2.SC
Description: The alarm is raised when the 5620 SAM main or auxiliary server cannot transfer an accounting file from an NE.		
Raising condition: (('Stats Retrieval State' NOT EQUAL 'Success') AND ('Stats Retrieval State' NOT EQUAL 'Not Attempted'))		
Remedial action: Informational - if the alarm persists or is occurring frequently then investigation is required to understand a) why the underlying transport network is unreliable or b) why the NE is too busy or otherwise cannot respond to the 5620 SAM main or auxiliary server.		

Table 27-425 SubscriberSystemNextHopUsageHigh

Alarm	Attributes	Applicable major releases
Name: SubscriberSystemNextHopUsageHigh (5157) Type: thresholdCrossed (6) Package: netw Raised on class: netw.NetworkElement	Severity: minor Implicitly cleared: true Default probable cause: resourceFull (53)	<ul style="list-style-type: none"> LR14.2.SC
Description: The alarm is raised when the IP next-hop usage by subscriber managed routes reaches its high watermark, cleared when it reaches its low watermark again; the watermarks are derived from the limit specified with the property subSysNextHopLimit.		
Raising condition: ('IP Next Hop Usage High' EQUAL 'true')		
Clearing condition: ('IP Next Hop Usage High' EQUAL 'false')		
Remedial action: The alarm is raised when the IP next-hop usage by subscriber managed routes reaches its high watermark, cleared when it reaches its low watermark again; the watermarks are derived from the limit specified with the property subSysNextHopLimit. There is no immediate effect, but when the usage actually hits the limit, new hosts will not get their managed routes.		

Table 27-426 SubscriberTraceConfig_subscriberTraceRecordingSessionFailure

Alarm	Attributes	Applicable major releases
Name: SubscriberTraceConfig_subscriberTraceRecordingSessionFailure (6242) Type: processingErrorAlarm (81) Package: femto Raised on class: femto.SubscriberTraceConfiguration	Severity: critical Implicitly cleared: true Default probable cause: unspecifiedReason (802)	<ul style="list-style-type: none"> LR14.2.SC
Description: Failure to start a trace recording session due to any problem		
Remedial action: NA		

Table 27-427 SubscriberTraceConfig_subscriberTraceUploadFailure

Alarm	Attributes	Applicable major releases
Name: SubscriberTraceConfig_subscriberTraceUploadFailure (6243) Type: communicationsAlarm (4) Package: femto Raised on class: femto.SubscriberTraceConfiguration	Severity: major Implicitly cleared: true Default probable cause: responseTimeExcessive (716)	<ul style="list-style-type: none"> LR14.2.SC
Description: Failure to transferring Call Trace files even after retries		
Remedial action: NA		

Table 27-428 SubSysChassMemoryUsageHi

Alarm	Attributes	Applicable major releases
Name: SubSysChassMemoryUsageHi (5656) Type: thresholdCrossed (6) Package: equipment Raised on class: equipment.Shelf	Severity: minor Implicitly cleared: true Default probable cause: resourceFull (53)	<ul style="list-style-type: none"> LR14.2.SC
Description: This alarm is raised when the memory usage by subscriber management on this system or chassis reaches its high watermark ('true').		
Raising condition: ('Memory Usage High' EQUAL 'True')		
Clearing condition: (('Memory Usage High' EQUAL 'False') OR ('Memory Usage High' EQUAL 'unspecified'))		
Remedial action: The memory usage by subscriber management on this system has reached its high watermark. Please check your memory usage.		

Table 27-429 TOD_externalClockReferenceFailure

Alarm	Attributes	Applicable major releases
Name: TOD_externalClockReferenceFailure (6244) Type: communicationsAlarm (4) Package: femto Raised on class: femto.TOD	Severity: major Implicitly cleared: false Default probable cause: timingProblem (903)	<ul style="list-style-type: none"> LR14.2.SC
Description: This fault is generated when an external SNTP server is configured but it is out of service. The system time is in free-running mode using the local oscillator and the operator needs to take care that the ToD value for the Femto Cluster is using the right value.		
Remedial action: Check the status of the external SNTP server		

Table 27-430 TOD_sntpServerDownNode1

Alarm	Attributes	Applicable major releases
Name: TOD_sntpServerDownNode1 (6245) Type: processingErrorAlarm (81) Package: femto Raised on class: femto.TOD	Severity: major Implicitly cleared: true Default probable cause: outOfService (798)	<ul style="list-style-type: none"> LR14.2.SC
Description: This fault is generated when the ToD server within SCGW Node1 is out of service.		
Remedial action: Enter the command <code>ps -ef grep</code> to verify whether the SNTP service is running on the Gateway server.		

Table 27-431 TOD_sntpServerDownNode2

Alarm	Attributes	Applicable major releases
Name: TOD_sntpServerDownNode2 (6246) Type: processingErrorAlarm (81) Package: femto Raised on class: femto.TOD	Severity: major Implicitly cleared: true Default probable cause: outOfService (798)	<ul style="list-style-type: none"> LR14.2.SC
Description: This fault is generated when the ToD server within SCGW Node2 is out of service.		
Remedial action: Enter the command <code>ps -ef grep</code> to verify whether the SNTP service is running on the Gateway server.		

Table 27-432 TrapDestinationMisconfigured

Alarm	Attributes	Applicable major releases
Name: TrapDestinationMisconfigured (33) Type: configurationAlarm (11) Package: netw Raised on class: netw.NetworkElement	Severity: major Implicitly cleared: true Default probable cause: trapDestinationMisconfigured (26) Applicable probable causes: <ul style="list-style-type: none"> trapDestinationMisconfigured duplicateTrapLogId 	<ul style="list-style-type: none"> LR14.2.SC
Description: The alarm is raised when the 5620 SAM cannot be added to the NE's SNMP trap destinations.		
Raising condition: ('isTrapDestinationMisconfigured' EQUAL 'true')		
Clearing condition: ('isTrapDestinationMisconfigured' EQUAL 'false')		
Remedial action: A configuration error has been made which must be corrected. The SNMP trap destination on the NE must be configured to the IP address of the SAM server.		

Table 27-433 TrapReceivingFailure

Alarm	Attributes	Applicable major releases
Name: TrapReceivingFailure (1083) Type: communications (87) Package: netw Raised on class: netw.NetworkElement	Severity: major Implicitly cleared: false Default probable cause: trapsWillNotBeSent (822)	<ul style="list-style-type: none"> LR14.2.SC
Description: This user-defined alarm is raised when the NE is unable to send traps because the NE configuration is one of the following: - The Management IP Selection is set to Out Of Band Only, the Primary Route Preference is set to In Band, and the Secondary Route Preference is set to None. - The Management IP Selection is set to In Band Only, the Primary Route Preference is set to Out Of Band, and the Secondary Route Preference is set to None.		
Raising condition: (('Active Management IP' EQUAL 'In Band') AND ('Management IP Selection' EQUAL 'In Band Only') AND ('Primary Route Preference' EQUAL 'Out Of Band') AND ('Secondary Route Preference' EQUAL 'None')) OR (('Active Management IP' EQUAL 'Out Of Band') AND ('Management IP Selection' EQUAL 'Out Of Band Only') AND ('Primary Route Preference' EQUAL 'In Band') AND ('Secondary Route Preference' EQUAL 'None')) OR (('Active Management IP' EQUAL 'Out Of Band') AND ('Management IP Selection' EQUAL 'In Band Preferred') AND ('Primary Route Preference' EQUAL 'In Band') AND ('Secondary Route Preference' EQUAL 'None')) OR (('Active Management IP' EQUAL 'In Band') AND ('Management IP Selection' EQUAL 'Out Of Band Preferred') AND ('Primary Route Preference' EQUAL 'Out Of Band') AND ('Secondary Route Preference' EQUAL 'None'))		
Clearing condition: (('Active Management IP' EQUAL 'In Band') AND ('Management IP Selection' EQUAL 'In Band Only') AND (('Primary Route Preference' EQUAL 'In Band') OR ('Secondary Route Preference' EQUAL 'In Band'))) OR (('Active Management IP' EQUAL 'Out Of Band') AND ('Management IP Selection' EQUAL 'Out Of Band Only') AND (('Primary Route Preference' EQUAL 'Out Of Band') OR ('Secondary Route Preference' EQUAL 'Out Of Band'))) OR (('Active Management IP' EQUAL 'Out Of Band') AND ('Management IP Selection' EQUAL 'Out Of Band') AND ('Primary Route Preference' EQUAL 'Out Of Band') OR ('Secondary Route Preference' EQUAL 'Out Of Band'))) OR (('Active Management IP' EQUAL 'In Band') AND ('Management IP Selection' EQUAL 'In Band Preferred') AND (('Primary Route Preference' EQUAL 'In Band') OR ('Secondary Route Preference' EQUAL 'In Band'))) OR (('Active Management IP' EQUAL 'In Band') AND ('Management IP Selection' EQUAL 'Out Of Band Preferred') AND (('Primary Route Preference' EQUAL 'In Band') OR ('Secondary Route Preference' EQUAL 'In Band'))) OR (('Active Management IP' EQUAL 'Out Of Band') AND ('Management IP Selection' EQUAL 'Out Of Band Preferred') AND (('Primary Route Preference' EQUAL 'Out Of Band') OR ('Secondary Route Preference' EQUAL 'Out Of Band')))		
Remedial action: A configuration error has been made which must be corrected. The configuration error must be corrected per the discussion in the description for this alarm.		

Table 27-434 TrapRoutePreferenceRedundancyMissing

Alarm	Attributes	Applicable major releases
Name: TrapRoutePreferenceRedundancyMissing (1084) Type: communications (87) Package: netw Raised on class: netw.NetworkElement	Severity: warning Implicitly cleared: true Default probable cause: trapsRedundancyMissing (823)	<ul style="list-style-type: none"> LR14.2.SC
Description: The user-defined alarm is raised when NE management redundancy is configured without trap route preference redundancy.		
Raising condition: (((('Management IP Selection' EQUAL 'In Band Preferred') AND ('Active Management IP' EQUAL 'In Band') AND ('Primary Route Preference' EQUAL 'In Band') AND ('Secondary Route Preference' EQUAL 'None')) OR (('Management IP Selection' EQUAL 'Out Of Band Preferred') AND ('Active Management IP' EQUAL 'Out Of Band') AND ('Primary Route Preference' EQUAL 'Out Of Band') AND ('Secondary Route Preference' EQUAL 'None'))))		
Clearing condition: (((('Management IP Selection' EQUAL 'In Band Preferred') AND ('Active Management IP' EQUAL 'In Band') AND ('Secondary Route Preference' NOT EQUAL 'None')) OR (('Management IP Selection' EQUAL 'Out Of Band Preferred') AND ('Active Management IP' EQUAL 'Out Of Band') AND ('Secondary Route Preference' NOT EQUAL 'None'))))		
Remedial action: A configuration error has been made which must be corrected. The IP address of the standby SAM server must be configured on the NE in question.		

Table 27-435 UnidentifiedNode

Alarm	Attributes	Applicable major releases
Name: UnidentifiedNode (1922) Type: communicationsAlarm (4) Package: netw Raised on class: netw.DiscoveredNode	Severity: major Implicitly cleared: true Default probable cause: unidentifiedNode (922)	<ul style="list-style-type: none"> LR14.2.SC
Description: The alarm is raised when the node being discovered can not be properly identified.		
Raising condition: ('State' EQUAL 'Pending Identification')		
Clearing condition: ('State' NOT EQUAL 'Pending Identification')		
Remedial action: A configuration error has occurred that must be corrected. The eNodeB does not have a system name. The name can be configured by selecting the alarm, opening the associated properties form for the alarmed object and configuring the system name.		

Table 27-436 UnmanageFailed

Alarm	Attributes	Applicable major releases
Name: UnmanageFailed (300) Type: discoveryControlAlarm (33) Package: netw Raised on class: netw.NodeDiscoveryControl	Severity: warning Implicitly cleared: true Default probable cause: unableToDeleteNode (231)	<ul style="list-style-type: none"> LR14.2.SC
Description: The alarm is raised when an attempt to unmanage an NE fails.		

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Alarm	Attributes	Applicable major releases
Raising condition: ('Site State' EQUAL 'Unmanage Failed')		
Clearing condition: ('Site State' NOT EQUAL 'Unmanage Failed')		
Remedial action: Informational - if the alarm persists please contact Alcatel-Lucent support for assistance		

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Table 27-437 UpgradedBuildVersionMismatch

Alarm	Attributes	Applicable major releases
Name: UpgradedBuildVersionMismatch (174) Type: configurationAlarm (11) Package: netw Raised on class: netw.NetworkElement	Severity: warning Implicitly cleared: true Default probable cause: upgradedImageNotBooted (137)	<ul style="list-style-type: none"> LR14.2.SC
Description: The alarm is raised when the software version that an NE reports after a software upgrade does not match the version of the software used for the upgrade.		
Raising condition: ('upgradedBuildVersionMismatch' EQUAL 'true')		
Clearing condition: ('upgradedBuildVersionMismatch' EQUAL 'false')		
Remedial action: Informational - if the alarm persists please contact Alcatel-Lucent support for assistance		

Table 27-438 upgradedCardAlarm

Alarm	Attributes	Applicable major releases
Name: upgradedCardAlarm (255) Type: softwareAlarm (19) Package: equipment Raised on class: equipment.Card	Severity: warning Implicitly cleared: true Default probable cause: upgradedCard (194)	<ul style="list-style-type: none"> LR14.2.SC
Description: The alarm is raised when the standby CPM is rebooted and operational after a software upgrade. A device resets an IOM automatically after 120 minutes if the IOM is not manually reset after a CPM upgrade.		
Raising condition: ('operationalState' EQUAL 'Upgrade')		
Clearing condition: ('operationalState' EQUAL 'Up')		
Remedial action: Informational - no corrective action required.		

Table 27-439 VersionConfigRestoreFailed

Alarm	Attributes	Applicable major releases
Name: VersionConfigRestoreFailed (536) Type: configurationAlarm (11) Package: sw Raised on class: sw.BackupRestoreManager	Severity: major Implicitly cleared: true Default probable cause: versionMismatch (405)	<ul style="list-style-type: none"> LR14.2.SC
Description: The alarm is raised when the restore procedure on an NE fails because of a mismatch between the backup file set version and the NE software version.		
Raising condition: ('lastNmsVersionRestoreState' EQUAL 'Failure')		
Clearing condition: ('lastNmsVersionRestoreState' EQUAL 'Success')		
Remedial action: The backup files being restored do not match with the version of node software release. Download a new copy of the SW image to the NE. If the problem persists contact Alcatel-Lucent support for assistance.		

Table 27-440 WrongCpaaSoftwareVersion

Alarm	Attributes	Applicable major releases
Name: WrongCpaaSoftwareVersion (791) Type: equipmentAlarm (3) Package: netw Raised on class: netw.NetworkElement	Severity: critical Implicitly cleared: true Default probable cause: wrongCpaaSoftwareVersion (559)	<ul style="list-style-type: none"> LR14.2.SC
Description: The alarm is raised when the 7701 CPAA software is the wrong version and requires an upgrade.		
Raising condition: (('Software Version' EQUAL '\"TIMOS-B-3.0.Generic \") AND ('Chassis Type' EQUAL '7701 CPAA'))		
Clearing condition: (('Software Version' NOT EQUAL '\"TIMOS-B-3.0.Generic \") AND ('Chassis Type' EQUAL '7701 CPAA'))		
Remedial action: The SW version of the CPAA must be upgraded to the version compatible with CPAM version.		

28 – Alcatel-Lucent 9xxx eNodeB alarms



Note – Some alarms that the 5620 SAM can raise against this device may not be listed in this chapter. Associating alarms with specific NE types is an ongoing Alcatel-Lucent effort. If the 5620 SAM raises an alarm against this device type, and the alarm is not described in this chapter, see chapter 41 for information about the alarm.

Table 28-1 ActiveAbnormalCondition

Alarm	Attributes	Applicable major releases
Name: ActiveAbnormalCondition (3938) Type: activeAbnormalConditionAlarm (116) Package: netw Raised on class: netw.NetworkElement	Severity: major Implicitly cleared: true Default probable cause: ActiveAbnormalConditionState (1520)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: The alarm is an indication for abnormal condition on NE.		
Raising condition: ('abnormalCondition' EQUAL 'true')		
Clearing condition: ('abnormalCondition' EQUAL 'false')		
Remedial action: This alarm is raised when there is a abnormal state indication on NE.		

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Table 28-2 AggregatedVFLPortDown

Alarm	Attributes	Applicable major releases
Name: AggregatedVFLPortDown (5436) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.Shelf	Severity: critical Implicitly cleared: true Default probable cause: connectivityIssue (2137)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: The alarm is generated when the aggregated virtual fabric link on the virtual chassis slot is down.		
Raising condition: (('Shelf Type' EQUAL '7850') AND ('Total Slots' EQUAL '4') AND ('Virtual Fabric Link State' NOT EQUAL 'Up'))		
Clearing condition: (('Shelf Type' EQUAL '7850') AND ('Total Slots' EQUAL '4') AND ('Virtual Fabric Link State' EQUAL 'Up'))		
Remedial action: The alarm is raised when the aggregated virtual fabric link on the virtual chassis is down. Please check the virtual fabric links for the virtual chassis setup.		

Table 28-3 AGWDiameterPeerDown

Alarm	Attributes	Applicable major releases
Name: AGWDiameterPeerDown (844) Type: EpcAlarm (59) Package: Ite Raised on class: Ite.AGWDiameterPeer	Severity: variable Implicitly cleared: true Default probable cause: EPSPeerDown (602)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: The alarm is raised when the path management state of a Diameter peer changes to a state other than Up.		
Raising condition: ('Path Diameter Management State' NOT EQUAL 'Active')		
Clearing condition: ('Path Diameter Management State' EQUAL 'Active')		
Remedial action: A Ga reference point (peer) is operationally down for one of the following reasons: the underlying IP or physical interface is down, the far end peer is down or the underlying transport between this NE and the peer NE is down. To resolve the issue ensure that the IP/physical interface is up, check that the far end peer is operational and check that the underlying transport network is up.		

Table 28-4 AuxiliaryServerStatus

Alarm	Attributes	Applicable major releases
Name: AuxiliaryServerStatus (311) Type: communicationsAlarm (4) Package: server Raised on class: server.AuxiliaryServer	Severity: critical Implicitly cleared: true Default probable cause: systemFailed (144)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: The alarm is raised when a 5620 SAM main server cannot communicate with an auxiliary server. The alarm clears when communication is restored.		
Raising condition: ('Server Status' EQUAL 'Down')		
Clearing condition: ('Server Status' EQUAL 'Up')		

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Alarm	Attributes	Applicable major releases
Remedial action: Informational - if the alarm persists or is occurring frequently then investigation is required to understand why the connectivity between the AUX and SAM servers is unreliable.		

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Table 28-5 BootableConfigBackupFailed

Alarm	Attributes	Applicable major releases
Name: BootableConfigBackupFailed (103) Type: configurationAlarm (11) Package: sw Raised on class: sw.BackupRestoreManager	Severity: major Implicitly cleared: true Default probable cause: fileTransferFailure (89)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: The alarm is raised when the 5620 SAM fails to back up a set of NE configuration files.		
Raising condition: ('Backup State' EQUAL 'Failure')		
Clearing condition: ('Backup State' EQUAL 'Success')		
Remedial action: Investigation is required to resolve the following possible scenarios: insufficient disk space is available to accommodate the NE configuration files (additional SAM platform alarms will accompany this alarm); the NE is unreachable (including underlying transport network issue); loss of connectivity to the NE during transfer; the FTP daemon on the NE may have stopped; FTP security credential issues.		

Table 28-6 BootableConfigRestoreFailed

Alarm	Attributes	Applicable major releases
Name: BootableConfigRestoreFailed (104) Type: configurationAlarm (11) Package: sw Raised on class: sw.BackupRestoreManager	Severity: major Implicitly cleared: true Default probable cause: fileTransferFailure (89)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: The alarm is raised when the 5620 SAM fails to restore a set of NE configuration files.		
Raising condition: ('Restore State' EQUAL 'Failure')		
Clearing condition: ('Restore State' EQUAL 'Success')		
Remedial action: Investigation is required to resolve the following possible scenarios: the NE is unreachable (including underlying transport network issue); loss of connectivity to the NE during transfer; the FTP daemon on the NE may have stopped; FTP security credential issues.		

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Table 28-7 BootParametersMisconfigured

Alarm	Attributes	Applicable major releases
Name: BootParametersMisconfigured (35) Type: configurationAlarm (11) Package: netw Raised on class: netw.NetworkElement	Severity: critical Implicitly cleared: true Default probable cause: persistentIndexFailure (30) Applicable probable causes: <ul style="list-style-type: none"> • persistentIndexFailure • configFileBootFailure 	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: The alarm is raised when the SNMP Index Boot Status on an NE is not set to Persistent.		
Raising condition: (('isGenericNode' EQUAL 'false') AND ('State' NOT EQUAL 'Pre-provisioned') AND (('Config File Status' NOT EQUAL 'Executed Successfully') AND ('Config File Status' NOT EQUAL 'configFileStatus_unspecified')) OR (('Persistent Index Status' NOT EQUAL 'Rebuild Succeeded') AND ('Persistent Index Status' NOT EQUAL 'persistentIndexStatus_unspecified'))))		
Clearing condition: (('Config File Status' EQUAL 'Executed Successfully') AND ('Persistent Index Status' EQUAL 'Rebuild Succeeded'))		
Remedial action: Ensure that "SNMP Index Boot Status" is persistent (using cli command "show system information" on the NE). If not, unmanage the network element from SAM, ensure that "persist on" is set in the bof file, save the bof, save a config file, verify that an index file (.ndx) is saved as well, reboot the router, verify that SNMP Index Boot Status is persistent and finally remanage the router from SAM.		

Table 28-8 BscAccessAdminDown - BSC Access LOCKED BY OPERATOR

Alarm	Attributes	Applicable major releases
Name: BscAccessAdminDown (4629) Type: equipmentAlarm (3) Package: lte Raised on class: lte.BscAccess	Severity: warning Specific problem: BSC Access LOCKED BY OPERATOR (1864) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: The alarm is raised when a BSC Access Administrative State is down.		
Raising condition: (('administrativeState' NOT EQUAL 'Unlocked'))		
Clearing condition: (('administrativeState' EQUAL 'Unlocked'))		
Remedial action: Informational - no corrective action required.		

Table 28-9 BsCommunicationStateOffline

Alarm	Attributes	Applicable major releases
Name: BsCommunicationStateOffline (1264) Type: communicationsAlarm (4) Package: lte Raised on class: lte.ENBEquipment	Severity: warning Implicitly cleared: true Default probable cause: bsCommunicationOffline (904)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L

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Alarm	Attributes	Applicable major releases
Description: This alarm is raised when the BS Communication State goes 'offline'. While BS communication state is 'offline' none of the SNMP properties can be set.		
Raising condition: (('bsCommunicationState' NOT EQUAL 'omcManaged'))		
Clearing condition: (('bsCommunicationState' EQUAL 'omcManaged'))		
Remedial action: Will come back online when the NEM session is closed.		

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Table 28-10 ClientDelegateServerStatus

Alarm	Attributes	Applicable major releases
Name: ClientDelegateServerStatus (731) Type: communicationsAlarm (4) Package: server Raised on class: server.ClientDelegateServer	Severity: critical Implicitly cleared: true Default probable cause: systemFailed (144)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: The alarm is raised when a client delegate server is unreachable.		
Raising condition: ('Server Status' EQUAL 'Down')		
Clearing condition: ('Server Status' EQUAL 'Up')		
Remedial action: Informational - if the alarm persists or is occurring frequently then investigation is required to understand why the connectivity between the client delegate platform and SAM servers is unreliable or the client delegate server itself is unreliable.		

Table 28-11 ContainingEquipmentAdministrativelyDown

Alarm	Attributes	Applicable major releases
Name: ContainingEquipmentAdministrativelyDown (466) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.Port	Severity: minor Implicitly cleared: true Default probable cause: containingEquipmentAdministrativelyDown (330)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: The alarm is raised when the compositeEquipmentState attribute has a value of containingEquipmentAdministrativelyDown.		
Raising condition: (('Status' EQUAL 'Parent Admin Down') AND ('isTerminatable' EQUAL 'true'))		
Clearing condition: (('Status' NOT EQUAL 'Parent Admin Down') OR ('isTerminatable' NOT EQUAL 'true'))		
Remedial action: Informational - no corrective action required.		

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Table 28-12 ContainingEquipmentMismatch

Alarm	Attributes	Applicable major releases
Name: ContainingEquipmentMismatch (464) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.Port	Severity: major Implicitly cleared: true Default probable cause: containingEquipmentMismatch (328)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: The alarm is raised when the compositeEquipmentState attribute has a value of containingEquipmentMismatch.		
Raising condition: (('Status' EQUAL 'Parent Type Mismatch') AND ('isTerminatable' EQUAL 'true'))		
Clearing condition: (('Status' NOT EQUAL 'Parent Type Mismatch') OR ('isTerminatable' NOT EQUAL 'true'))		
Remedial action: A configuration error has occurred which must be corrected. The card type configured for the slot identified in the alarm must match the installed card type.		

Table 28-13 ContainingEquipmentOperationallyDown

Alarm	Attributes	Applicable major releases
Name: ContainingEquipmentOperationallyDown (465) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.Port	Severity: major Implicitly cleared: true Default probable cause: containingEquipmentDown (329)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: The alarm is raised when the compositeEquipmentState attribute has a value of containingEquipmentOperationallyDown.		
Raising condition: (('Status' EQUAL 'Parent Oper Down') AND ('isTerminatable' EQUAL 'true'))		
Clearing condition: (('Status' NOT EQUAL 'Parent Oper Down') OR ('isTerminatable' NOT EQUAL 'true'))		
Remedial action: The operational state of the equipment element indicated in the alarm is down. This may be due to the element's administrative state or it may indicate that the element has failed.		

Table 28-14 CorruptImageFile

Alarm	Attributes	Applicable major releases
Name: CorruptImageFile (171) Type: configurationAlarm (11) Package: mediation Raised on class: mediation.AbstractSoftwareFolderDescriptor	Severity: critical Implicitly cleared: true Default probable cause: invalidOrCorruptImageFile (134)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: The alarm is raised when one or more files in the 5620 SAM software image specified for a device software upgrade is invalid, corrupt or absent. The 5620 SAM validates a device software file set before it imports the file set and distributes it to an NE. Ensure that the file set downloads properly to the NE and is not tampered with before you re-attempt the upgrade. The alarm clears when a valid file set is on the NE and the 5620 SAM activates the software image in the file set.		
Raising condition: ('isImageValid' EQUAL 'false')		

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Alarm	Attributes	Applicable major releases
Clearing condition: ('isImageValid' EQUAL 'true')		
Remedial action: The existing SW image in the SAM database should be replaced with an image that is known to be complete and valid.		

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Table 28-15 downgradedCardAlarm

Alarm	Attributes	Applicable major releases
Name: downgradedCardAlarm (256) Type: softwareAlarm (19) Package: equipment Raised on class: equipment.Card	Severity: warning Implicitly cleared: true Default probable cause: downgradedCard (195)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: The alarm is raised when an IOM is not upgraded or reset after a device software upgrade of both CPMs. A device resets an IOM automatically after 120 minutes if the IOM is not manually reset after a CPM upgrade.		
Raising condition: ('operationalState' EQUAL 'Downgrade')		
Clearing condition: ('operationalState' EQUAL 'Up')		
Remedial action: Informational - no corrective action required.		

Table 28-16 ENBEquipmentAdminDown - ENBEquipment LOCKED BY OPERATOR

Alarm	Attributes	Applicable major releases
Name: ENBEquipmentAdminDown (1359) Type: equipmentAlarm (3) Package: lte Raised on class: lte.ENBEquipment	Severity: warning Specific problem: ENBEquipment LOCKED BY OPERATOR (1865) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: The alarm is raised when an ENB Equipment Administrative State is down.		
Raising condition: (('administrativeState' NOT EQUAL 'Unlocked'))		
Clearing condition: (('administrativeState' EQUAL 'Unlocked'))		
Remedial action: Informational - no corrective action required.		

Table 28-17 ENBEquipmentDegradedOrFaulty - ENBEquipment DEGRADED OR FAULTY

Alarm	Attributes	Applicable major releases
Name: ENBEquipmentDegradedOrFaulty (7961) Type: equipmentAlarm (3) Package: lte Raised on class: lte.ENBEquipment	Severity: major Specific problem: ENBEquipment DEGRADED OR FAULTY (1866) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: The alarm is raised when an ENB Equipment is not fully available.		
Raising condition: (('availabilityStatus'anyBit'Faulty') OR ('availabilityStatus'anyBit'Degraded'))		
Clearing condition: NOT (('availabilityStatus'anyBit'Faulty') OR ('availabilityStatus'anyBit'Degraded'))		
Remedial action: The Equipment is not fully available. AvailabilityStatus value and Additional attributes may indicate the nature and cause of the issue.		

Table 28-18 ENBEquipmentDown - ENBEquipment DOWN

Alarm	Attributes	Applicable major releases
Name: ENBEquipmentDown (1360) Type: equipmentAlarm (3) Package: lte Raised on class: lte.ENBEquipment	Severity: critical Specific problem: ENBEquipment DOWN (1867) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: The alarm is raised when an ENB Equipment is operationally down.		
Raising condition: (('operationalState' NOT EQUAL 'Enabled') AND ('administrativeState' EQUAL 'Unlocked') AND (('availabilityStatus'anyBit'Failed') OR ('availabilityStatus'anyBit'Dependency'))		
Clearing condition: (('administrativeState' EQUAL 'Locked') OR ('operationalState' EQUAL 'Enabled') OR NOT (('availabilityStatus'anyBit'Failed') OR ('availabilityStatus'anyBit'Dependency'))		
Remedial action: The Equipment is inoperable. Additional attributes may indicate the nature and cause of the issue.		

Table 28-19 EquipmentAdministrativelyDown

Alarm	Attributes	Applicable major releases
Name: EquipmentAdministrativelyDown (455) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.Equipment	Severity: minor Implicitly cleared: true Default probable cause: equipmentAdministrativelyDown (326)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: The alarm is raised when the compositeEquipmentState attribute has a value of equipmentAdministrativelyDown.		
Raising condition: ('compositeEquipmentState' EQUAL 'Admin Down')		
Clearing condition: ('compositeEquipmentState' NOT EQUAL 'Admin Down')		

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Alarm	Attributes	Applicable major releases
Remedial action: Informational - no corrective action required.		

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Table 28-20 EquipmentDown

Alarm	Attributes	Applicable major releases
Name: EquipmentDown (10) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.Equipment	Severity: major Implicitly cleared: true Default probable cause: inoperableEquipment (8)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: The alarm is raised when the compositeEquipmentState attribute has a value of equipmentOperationallyDown.		
Raising condition: ('compositeEquipmentState' EQUAL 'Oper Down')		
Clearing condition: ('compositeEquipmentState' NOT EQUAL 'Oper Down')		
Remedial action: This alarm indicates that a card in the NE has failed. The card must be replaced.		

Table 28-21 EquipmentFailure

Alarm	Attributes	Applicable major releases
Name: EquipmentFailure (145) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.ReplaceableUnit	Severity: critical Implicitly cleared: true Default probable cause: cardFailure (123)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: The alarm is raised when a control processor or power-supply tray reports a failure. When the object type is ControlProcessor, a CPM may be unable to boot. When the object type is Power Supply Tray and the alarm is raised during device discovery, a power-supply tray may be out of service. When the object type is a Power Supply Tray and the device is in the managed state, a power-supply tray may be out of service or the AC power shelf has a fault condition. The alarm clears when the status changes to OK.		
Raising condition: ('operationalState' EQUAL 'Failed')		
Clearing condition: ('operationalState' NOT EQUAL 'Failed')		
Remedial action: If the alarm indicates that the CPM card has a fault, remove the card and reset it. If this does not clear the alarm then please contact Alcatel-Lucent support for assistance. If the alarm indicates that the Power Supply tray is out of service ensure that the NE is properly connected to power. If the problem persists please contact Alcatel-Lucent support for assistance.		

Table 28-22 EquipmentInTest

Alarm	Attributes	Applicable major releases
Name: EquipmentInTest (11) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.Equipment	Severity: warning Implicitly cleared: true Default probable cause: equipmentInTest (9)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: The alarm is raised when equipment enters a diagnostic state.		
Raising condition: ('compositeEquipmentState' EQUAL 'In Test')		
Clearing condition: ('compositeEquipmentState' NOT EQUAL 'In Test')		
Remedial action: Informational - no corrective action required.		

Table 28-23 EquipmentMismatch

Alarm	Attributes	Applicable major releases
Name: EquipmentMismatch (9) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.Equipment	Severity: major Implicitly cleared: true Default probable cause: equipmentTypeMismatch (7)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: The alarm is raised when the compositeEquipmentState attribute has a value of equipmentMismatch.		
Raising condition: ('compositeEquipmentState' EQUAL 'Type Mismatch')		
Clearing condition: ('compositeEquipmentState' NOT EQUAL 'Type Mismatch')		
Remedial action: A configuration error has occurred which must be corrected. The card type configured for the slot identified in the alarm must match the installed card type.		

Table 28-24 EquipmentRemoved

Alarm	Attributes	Applicable major releases
Name: EquipmentRemoved (8) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.Equipment	Severity: major Implicitly cleared: true Default probable cause: replaceableEquipmentRemoved (6)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: The alarm is raised when the compositeEquipmentState attribute has a value of equipmentMissing.		
Raising condition: (((('isEquipped' EQUAL 'false') OR ('compositeEquipmentState' EQUAL 'Removed')) AND ('isEquipmentInserted' EQUAL 'true')))		
Clearing condition: (('compositeEquipmentState' NOT EQUAL 'Removed') AND ('isEquipped' EQUAL 'true'))		
Remedial action: Informational - this alarm is raised when a card is removed.		

Table 28-25 FrameSizeProblem (netw)

Alarm	Attributes	Applicable major releases
Name: FrameSizeProblem (37) Type: configurationAlarm (11) Package: netw Raised on class: netw.StatefullConnectableInterface	Severity: critical Implicitly cleared: true Default probable cause: frameSizeProblem (33)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: The alarm is raised when a provisioned MTU size value is greater than the supported MTU size value.		
Raising condition: (('mtuMismatch' EQUAL 'true') AND ('portId' NOT EQUAL '0L'))		
Clearing condition: (('mtuMismatch' EQUAL 'false') OR ('portId' EQUAL '0L'))		
Remedial action: A configuration error has been made which must be corrected. The MTU value must be changed such that is less than or equal to the supported MTU size value.		

Table 28-26 FRUAdminDown - FRU LOCKED BY OPERATOR

Alarm	Attributes	Applicable major releases
Name: FRUAdminDown (2919) Type: equipmentAlarm (3) Package: lte Raised on class: lte.FRU	Severity: warning Specific problem: FRU LOCKED BY OPERATOR (1868) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: The alarm is raised when an ENB FRU Administrative State is down		
Raising condition: (('Administrative State' NOT EQUAL 'Unlocked'))		
Clearing condition: (('Administrative State' NOT EQUAL 'Locked'))		
Remedial action: Informational - no corrective action required.		

Table 28-27 FRUDegradedOrFaulty - FRU DEGRADED OR FAULTY

Alarm	Attributes	Applicable major releases
Name: FRUDegradedOrFaulty (7962) Type: equipmentAlarm (3) Package: lte Raised on class: lte.FRU	Severity: major Specific problem: FRU DEGRADED OR FAULTY (1869) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: The alarm is raised when an ENB FRU is not fully available.		
Raising condition: (('Availability Status'anyBit'Faulty') OR ('Availability Status'anyBit'Degraded'))		
Clearing condition: NOT (('Availability Status'anyBit'Faulty') OR ('Availability Status'anyBit'Degraded'))		
Remedial action: The Equipment is not fully available. AvailabilityStatus value and Additional attributes may indicate the nature and cause of the issue.		

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Table 28-28 FRUDown - FRU DOWN

Alarm	Attributes	Applicable major releases
Name: FRUDown (2920) Type: equipmentAlarm (3) Package: Ite Raised on class: Ite.FRU	Severity: critical Specific problem: FRU DOWN (1870) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: The alarm is raised when an ENB FRU is operationally down.		
Raising condition: (('Operational State' EQUAL 'Disabled') AND ('Administrative State' EQUAL 'Unlocked') AND (('Availability Status'anyBit'Failed') OR ('Availability Status'anyBit'Dependency')))		
Clearing condition: (('Administrative State' EQUAL 'Locked') OR ('Operational State' EQUAL 'Enabled') OR NOT (('Availability Status'anyBit'Failed') OR ('Availability Status'anyBit'Dependency')))		
Remedial action: The Equipment is inoperable. Additional attributes may indicate the nature and cause of the issue.		

Table 28-29 GaPeerDown

Alarm	Attributes	Applicable major releases
Name: GaPeerDown (3303) Type: EpcAlarm (59) Package: IteGgsn Raised on class: IteGgsn.GaPeer	Severity: major Implicitly cleared: true Default probable cause: EPSPeerDown (602)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: The alarm is raised when the path management state of a Ga peer changes to a state other than Up.		
Raising condition: ('Path Management State' NOT EQUAL 'Active')		
Clearing condition: ('Path Management State' EQUAL 'Active')		
Remedial action: A Ga reference point (peer) is operationally down for one of the following reasons: the underlying IP or physical interface is down, the far end peer is down or the underlying transport between this NE and the peer NE is down. To resolve the issue ensure that the IP/physical interface is up, check that the far end peer is operational and check that the underlying transport network is up.		

Table 28-30 IK4001001 - TMA UNREADABLE MANUFACTURER DATA

Alarm	Attributes	Applicable major releases
Name: IK4001001 (2122) Type: equipmentAlarm (3) Package: Ite Raised on class: Ite.TmaAldEntry	Severity: minor Specific problem: TMA UNREADABLE MANUFACTURER DATA (2) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This alarm indicates a failure to read the TMA manufacturer data record.		
Impact: The TMA may not provide RF gain		

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Alarm	Attributes	Applicable major releases
Remedial action: Check the TMA or the AISG communication bus		

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Table 28-31 IK4001002 - TMA ALARM MINOR SUB1

Alarm	Attributes	Applicable major releases
Name: IK4001002 (2123) Type: equipmentAlarm (3) Package: Ite Raised on class: Ite.TmaAldEntry	Severity: minor Specific problem: TMA ALARM MINOR SUB1 (3) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This alarm indicates a minor TMA subunit fault which reduces gain performance but maintains its function.		
Impact: Possible loss of Rx Gain		
Remedial action: Reset the TMA, if problem persists then replace the TMA.		

Table 28-32 IK4001003 - TMA ALARM MINOR SUB2

Alarm	Attributes	Applicable major releases
Name: IK4001003 (2124) Type: equipmentAlarm (3) Package: Ite Raised on class: Ite.TmaAldEntry	Severity: minor Specific problem: TMA ALARM MINOR SUB2 (4) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This alarm indicates a minor TMA subunit fault which reduces gain performance but maintains its function.		
Impact: Possible loss of Rx Gain		
Remedial action: Reset the TMA, if problem persists then replace the TMA.		

Table 28-33 IK4001004 - TMA ALARM MINOR SUB3

Alarm	Attributes	Applicable major releases
Name: IK4001004 (2125) Type: equipmentAlarm (3) Package: Ite Raised on class: Ite.TmaAldEntry	Severity: minor Specific problem: TMA ALARM MINOR SUB3 (5) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This alarm indicates a minor TMA subunit fault which reduces gain performance but maintains its function.		
Impact: Possible loss of Rx Gain		

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Alarm	Attributes	Applicable major releases
Remedial action: Reset the TMA, if problem persists then replace the TMA.		

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Table 28-34 IK4001005 - TMA ALARM MINOR SUB4

Alarm	Attributes	Applicable major releases
Name: IK4001005 (2126) Type: equipmentAlarm (3) Package: Ite Raised on class: Ite.TmaAldEntry	Severity: minor Specific problem: TMA ALARM MINOR SUB4 (6) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This alarm indicates a minor TMA subunit fault which reduces gain performance but maintains its function.		
Impact: Possible loss of Rx Gain		
Remedial action: Reset the TMA, if problem persists then replace the TMA.		

Table 28-35 IK4001006 - TMA ALARM MINOR SUB5

Alarm	Attributes	Applicable major releases
Name: IK4001006 (2127) Type: equipmentAlarm (3) Package: Ite Raised on class: Ite.TmaAldEntry	Severity: minor Specific problem: TMA ALARM MINOR SUB5 (7) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This alarm indicates a minor TMA subunit fault which reduces gain performance but maintains its function.		
Impact: Possible loss of Rx Gain		
Remedial action: Reset the TMA, if problem persists then replace the TMA.		

Table 28-36 IK4001007 - TMA ALARM MINOR SUB6

Alarm	Attributes	Applicable major releases
Name: IK4001007 (2128) Type: equipmentAlarm (3) Package: Ite Raised on class: Ite.TmaAldEntry	Severity: minor Specific problem: TMA ALARM MINOR SUB6 (8) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This alarm indicates a minor TMA subunit fault which reduces gain performance but maintains its function.		
Impact: Possible loss of Rx Gain		

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Alarm	Attributes	Applicable major releases
Remedial action: Reset the TMA, if problem persists then replace the TMA.		

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Table 28-37 IK4001008 - TMA ALARM MAJOR SUB1

Alarm	Attributes	Applicable major releases
Name: IK4001008 (2129) Type: equipmentAlarm (3) Package: Ite Raised on class: Ite.TmaAldEntry	Severity: major Specific problem: TMA ALARM MAJOR SUB1 (9) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This alarm indicates a major TMA subunit fault which prevents its function.		
Impact: Loss of one Rx Path		
Remedial action: Reset the TMA, if problem persists then replace the TMA.		

Table 28-38 IK4001009 - TMA ALARM MAJOR SUB2

Alarm	Attributes	Applicable major releases
Name: IK4001009 (2130) Type: equipmentAlarm (3) Package: Ite Raised on class: Ite.TmaAldEntry	Severity: major Specific problem: TMA ALARM MAJOR SUB2 (10) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This alarm indicates a major TMA subunit fault which prevents its function.		
Impact: Loss of one Rx Path		
Remedial action: Reset the TMA, if problem persists then replace the TMA.		

Table 28-39 IK4001010 - TMA ALARM MAJOR SUB3

Alarm	Attributes	Applicable major releases
Name: IK4001010 (2131) Type: equipmentAlarm (3) Package: Ite Raised on class: Ite.TmaAldEntry	Severity: major Specific problem: TMA ALARM MAJOR SUB3 (11) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This alarm indicates a major TMA subunit fault which prevents its function.		
Impact: Loss of one Rx Path		

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Alarm	Attributes	Applicable major releases
Remedial action: Reset the TMA, if problem persists then replace the TMA.		

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Table 28-40 IK4001011 - TMA ALARM MAJOR SUB4

Alarm	Attributes	Applicable major releases
Name: IK4001011 (2132) Type: equipmentAlarm (3) Package: Ite Raised on class: Ite.TmaAldEntry	Severity: major Specific problem: TMA ALARM MAJOR SUB4 (12) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This alarm indicates a major TMA subunit fault which prevents its function.		
Impact: Loss of one Rx Path		
Remedial action: Reset the TMA, if problem persists then replace the TMA.		

Table 28-41 IK4001012 - TMA ALARM MAJOR SUB5

Alarm	Attributes	Applicable major releases
Name: IK4001012 (2133) Type: equipmentAlarm (3) Package: Ite Raised on class: Ite.TmaAldEntry	Severity: major Specific problem: TMA ALARM MAJOR SUB5 (13) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This alarm indicates a major TMA subunit fault which prevents its function.		
Impact: Loss of one Rx Path		
Remedial action: Reset the TMA, if problem persists then replace the TMA.		

Table 28-42 IK4001013 - TMA ALARM MAJOR SUB6

Alarm	Attributes	Applicable major releases
Name: IK4001013 (2134) Type: equipmentAlarm (3) Package: Ite Raised on class: Ite.TmaAldEntry	Severity: major Specific problem: TMA ALARM MAJOR SUB6 (14) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This alarm indicates a major TMA subunit fault which prevents its function.		
Impact: Loss of one Rx Path		

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Alarm	Attributes	Applicable major releases
Remedial action: Reset the TMA, if problem persists then replace the TMA.		

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Table 28-43 IK4001014 - TMA ALD UNIT SUPPORT WRONG AISG VERSION

Alarm	Attributes	Applicable major releases
Name: IK4001014 (2135) Type: equipmentAlarm (3) Package: Ite Raised on class: Ite.TmaAldEntry	Severity: minor Specific problem: TMA ALD UNIT SUPPORT WRONG AISG VERSION (15) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This alarm indicates that the ALD unit does not support AISG version 2.0.		
Impact: The TMA is out of service.		
Remedial action: Upgrade the TMA software or replace it with an AISG v2.0 unit.		

Table 28-44 IK4001015 - TMA LOSS OF COMM

Alarm	Attributes	Applicable major releases
Name: IK4001015 (2136) Type: equipmentAlarm (3) Package: Ite Raised on class: Ite.TmaAldEntry	Severity: major Specific problem: TMA LOSS OF COMM (16) Implicitly cleared: true Default probable cause: communicationsSubsystemFailure (915)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This alarm indicates the RFM that acts as an AISG Controller has lost communication to the TMA unit.		
Impact: Loss of alarm reporting by the TMA		
Remedial action: Reset the ASIG-host RFM, inspect and repair the AISG bus, or replace the TMA.		

Table 28-45 IK4001016 - TMA FAULT 1

Alarm	Attributes	Applicable major releases
Name: IK4001016 (2959) Type: equipmentAlarm (3) Package: Ite Raised on class: Ite.TmaAldEntry	Severity: minor Specific problem: TMA FAULT 1 (17) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: Provisioned for late churn-in. Unspecified TMA fault detected		

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Alarm	Attributes	Applicable major releases
Impact: Check the additional info for impact details.		
Remedial action: Check the additional information for maintenance action details.		

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Table 28-46 IK4001017 - TMA FAULT 2

Alarm	Attributes	Applicable major releases
Name: IK4001017 (2960) Type: equipmentAlarm (3) Package: Ite Raised on class: Ite.TmaAIdEntry	Severity: minor Specific problem: TMA FAULT 2 (18) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: Provisioned for late churn-in. Unspecified TMA fault detected		
Impact: Check the additional info for impact details.		
Remedial action: Check the additional information for maintenance action details.		

Table 28-47 IK4001018 - TMA FAULT 3

Alarm	Attributes	Applicable major releases
Name: IK4001018 (2961) Type: equipmentAlarm (3) Package: Ite Raised on class: Ite.TmaAIdEntry	Severity: minor Specific problem: TMA FAULT 3 (19) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: Provisioned for late churn-in. Unspecified TMA fault detected		
Impact: Check the additional info for impact details.		
Remedial action: Check the additional information for maintenance action details.		

Table 28-48 IK4001019 - TMA FAULT 4

Alarm	Attributes	Applicable major releases
Name: IK4001019 (2962) Type: equipmentAlarm (3) Package: Ite Raised on class: Ite.TmaAIdEntry	Severity: minor Specific problem: TMA FAULT 4 (20) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: Provisioned for late churn-in. Unspecified TMA fault detected		

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Alarm	Attributes	Applicable major releases
Impact: Check the additional info for impact details.		
Remedial action: Check the additional information for maintenance action details.		

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Table 28-49 IK4001020 - TMA FAULT 5

Alarm	Attributes	Applicable major releases
Name: IK4001020 (2963) Type: equipmentAlarm (3) Package: Ite Raised on class: Ite.TmaAldEntry	Severity: minor Specific problem: TMA FAULT 5 (21) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: Provisioned for late churn-in. Unspecified TMA fault detected		
Impact: Check the additional info for impact details.		
Remedial action: Check the additional information for maintenance action details.		

Table 28-50 IK4001021 - TMA HW FAILURE

Alarm	Attributes	Applicable major releases
Name: IK4001021 (2964) Type: equipmentAlarm (3) Package: Ite Raised on class: Ite.TmaAldEntry	Severity: major Specific problem: TMA HW FAILURE (22) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This alarm indicates a general TMA HW failure.		
Impact: The TMA is out of service.		
Remedial action: Replace the TMA.		

Table 28-51 IK4001029 - TMA INDETERMINATE OPERATIONAL FAILURE

Alarm	Attributes	Applicable major releases
Name: IK4001029 (3748) Type: equipmentAlarm (3) Package: Ite Raised on class: Ite.TmaAldEntry	Severity: major Specific problem: TMA INDETERMINATE OPERATIONAL FAILURE (24) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR13.3

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Alarm	Attributes	Applicable major releases
Description: This alarm indicates that a failure of the TMA has been detected that cannot be described by any specific alarm.		
Impact: If the failure affects the RF portion of the TMA then the receive RF gain on the path(s) served by the TMA is reduced. If the failure affects only the AISG terminal function of the TMA then RF gain should still be active.		
Remedial action: If the failure affects the RF portion of the TMA then the receive RF gain on the path(s) served by the TMA is reduced. If the failure affects only the AISG terminal function of the TMA then RF gain should still be active.		

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Table 28-52 IK4001030 - TMA INITIALIZATION FAILURE

Alarm	Attributes	Applicable major releases
Name: IK4001030 (3749) Type: equipmentAlarm (3) Package: lte Raised on class: lte.TmaAidEntry	Severity: major Specific problem: TMA INITIALIZATION FAILURE (25) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This alarm indicates that the unit is automatically reset to attempt to clear the fault. If the problem persists then replace the failed TMA.		
Impact: The unit is automatically reset to attempt to clear the fault. If the problem persists then replace the failed TMA.		
Remedial action: The unit is automatically reset to attempt to clear the fault. If the problem persists then replace the failed TMA.		

Table 28-53 IK4001031 - TMA INDETERMINATE OPERATIONAL FAILURE

Alarm	Attributes	Applicable major releases
Name: IK4001031 (5192) Type: equipmentAlarm (3) Package: lte Raised on class: lte.TmaAidEntry	Severity: major Specific problem: TMA INDETERMINATE OPERATIONAL FAILURE (24) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR14.1.L • LR14.3.L
Description: This alarm indicates that a failure of the TMA has been detected that cannot be described by any specific alarm.		
Impact: If the failure affects the RF portion of the TMA then the receive RF gain on the path(s) served by the TMA is reduced. If the failure affects only the AISG terminal function of the TMA then RF gain should still be active.		
Remedial action: If the failure affects the RF portion of the TMA then the receive RF gain on the path(s) served by the TMA is reduced. If the failure affects only the AISG terminal function of the TMA then RF gain should still be active.		

Table 28-54 IK4002001 - AMR INIT FAILURE

Alarm	Attributes	Applicable major releases
Name: IK4002001 (2137) Type: equipmentAlarm (3) Package: Ite Raised on class: Ite.AMR	Severity: minor Specific problem: AMR INIT FAILURE (26) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This alarm indicates the failure to initialize the RF cabinet alarm module.		
Impact: The RF module is out of service.		
Remedial action: Check the cabling between TRDU and AMR. If the alarm persists, reset one or more of the TRDUs, or replace the AMR.		

Table 28-55 IK4002002 - AMR COMM FAIL

Alarm	Attributes	Applicable major releases
Name: IK4002002 (2138) Type: equipmentAlarm (3) Package: Ite Raised on class: Ite.AMR	Severity: minor Specific problem: AMR COMM FAIL (27) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This alarm indicates the loss of communication with RF cabinet Alarm Module.		
Impact: The RF module is out of service.		
Remedial action: Check the cabling between TRDU and AMR. If the alarm persists, reset one or more of the TRDUs, or replace the AMR.		

Table 28-56 IK4002003 - AMR UNREADABLE MANUFACTURER DATA

Alarm	Attributes	Applicable major releases
Name: IK4002003 (2139) Type: equipmentAlarm (3) Package: Ite Raised on class: Ite.AMR	Severity: warning Specific problem: AMR UNREADABLE MANUFACTURER DATA (28) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This alarm indicates the failure to read the RF cabinet alarm module manufacturer data.		
Impact: The RF module is out of service.		
Remedial action: Check the cabling between TRDU and AMR. If the alarm persists, reset one or more of the TRDUs, or replace the AMR.		

Table 28-57 IK4002004 - AMR FAN ALARM

Alarm	Attributes	Applicable major releases
Name: IK4002004 (2140) Type: equipmentAlarm (3) Package: Ite Raised on class: Ite.AMR	Severity: major Specific problem: AMR FAN ALARM (29) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This alarm indicates that the RF cabinet fan is out of service.		
Impact: The RF cabinet components may fail due to overheating.		
Remedial action: Replace the fan of the RF cabinet.		

Table 28-58 IK4002005 - AMR DOOR ALARM

Alarm	Attributes	Applicable major releases
Name: IK4002005 (2141) Type: environmentalAlarm (2) Package: Ite Raised on class: Ite.AMR	Severity: minor Specific problem: AMR DOOR ALARM (30) Implicitly cleared: true Default probable cause: enclosureDoorOpen (900)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This alarm indicates that the RF cabinet door is open.		
Impact: The RF cabinet equipment is accessible and easily tampered. No immediate impact on call processing.		
Remedial action: Close the cabinet door.		

Table 28-59 IK4002006 - AMR OVER TEMP

Alarm	Attributes	Applicable major releases
Name: IK4002006 (2142) Type: environmentalAlarm (2) Package: Ite Raised on class: Ite.AMR	Severity: major Specific problem: AMR OVER TEMP (31) Implicitly cleared: true Default probable cause: heatingOrVentilationOrCoolingSystemProblem (701)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This alarm indicates that the RF cabinet temperature is above the safe operating temperature.		
Impact: The RF cabinet components may fail due to overheating.		
Remedial action: Check the cabinet for proper functioning fans and clean air filters. Check if the ambient temperature is within the recommended operating range.		

Table 28-60 IK4002007 - AMR FAF

Alarm	Attributes	Applicable major releases
Name: IK4002007 (2143) Type: equipmentAlarm (3) Package: Ite Raised on class: Ite.AMR	Severity: minor Specific problem: AMR FAF (32) Implicitly cleared: true Default probable cause: heatingOrVentilationOrCoolingSystemProblem (701)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This alarm indicates that the RF cabinet filter airflow is reduced.		
Impact: The RF cabinet components may fail due to overheating.		
Remedial action: Replace the fresh air filter.		

Table 28-61 IK4002016 - AMR FAULT 1

Alarm	Attributes	Applicable major releases
Name: IK4002016 (2966) Type: equipmentAlarm (3) Package: Ite Raised on class: Ite.AMR	Severity: minor Specific problem: AMR FAULT 1 (33) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: Provisioned for late churn-in. An unspecified AMR fault has been detected.		
Impact: Check the additional info for impact details.		
Remedial action: Check the additional information for maintenance action details.		

Table 28-62 IK4002017 - AMR FAULT 2

Alarm	Attributes	Applicable major releases
Name: IK4002017 (2967) Type: equipmentAlarm (3) Package: Ite Raised on class: Ite.AMR	Severity: minor Specific problem: AMR FAULT 2 (34) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: Provisioned for late churn-in. An unspecified AMR fault has been detected.		
Impact: Check the additional info for impact details.		
Remedial action: Check the additional information for maintenance action details.		

Table 28-63 IK4002018 - AMR FAULT 3

Alarm	Attributes	Applicable major releases
Name: IK4002018 (2968) Type: equipmentAlarm (3) Package: Ite Raised on class: Ite.AMR	Severity: minor Specific problem: AMR FAULT 3 (35) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: Provisioned for late churn-in. An unspecified AMR fault has been detected.		
Impact: Check the additional info for impact details.		
Remedial action: Check the additional information for maintenance action details.		

Table 28-64 IK4002019 - AMR FAULT 4

Alarm	Attributes	Applicable major releases
Name: IK4002019 (2969) Type: equipmentAlarm (3) Package: Ite Raised on class: Ite.AMR	Severity: minor Specific problem: AMR FAULT 4 (36) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: Provisioned for late churn-in. An unspecified AMR fault has been detected.		
Impact: Check the additional info for impact details.		
Remedial action: Check the additional information for maintenance action details.		

Table 28-65 IK4002020 - AMR FAULT 5

Alarm	Attributes	Applicable major releases
Name: IK4002020 (2970) Type: equipmentAlarm (3) Package: Ite Raised on class: Ite.AMR	Severity: minor Specific problem: AMR FAULT 5 (37) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: Provisioned for late churn-in. An unspecified AMR fault has been detected.		
Impact: Check the additional info for impact details.		
Remedial action: Check the additional information for maintenance action details.		

Table 28-66 IK4003001 - BB LOSS OF HS DATA LINK 1

Alarm	Attributes	Applicable major releases
Name: IK4003001 (5193) Type: equipmentAlarm (3) Package: lte Raised on class: lte.BBCardSpecifics	Severity: major Specific problem: BB LOSS OF HS DATA LINK 1 (38) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> LR14.1.L
Description: This alarm indicates a failure of the BB to CB link.		
Impact: LTE service is not possible on this BB.		
Remedial action: Reset BB, reset CB, replace BB or CB if problem persists.		

Table 28-67 IK4003002 - BB LOSS OF HS DATA LINK 2

Alarm	Attributes	Applicable major releases
Name: IK4003002 (5194) Type: equipmentAlarm (3) Package: lte Raised on class: lte.BBCardSpecifics	Severity: major Specific problem: BB LOSS OF HS DATA LINK 2 (39) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> LR14.1.L
Description: This alarm indicates a failure of the BB to CB link.		
Impact: LTE service is not possible on this BB.		
Remedial action: Reset BB, reset CB, replace BB or CB if problem persists.		

Table 28-68 IK4003003 - BB INIT FAILURE

Alarm	Attributes	Applicable major releases
Name: IK4003003 (2152) Type: equipmentAlarm (3) Package: lte Raised on class: lte.BBCardSpecifics	Severity: critical Specific problem: BB INIT FAILURE (40) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> LR13.3 LR14.1.L LR14.3.L
Description: This alarm indicates the BB initialization failure.		
Impact: The BB is completely or partially affected. The service impact depends on the eNodeB configuration.		
Remedial action: Reset BB. Use the reset command on the SAM, or reset using the remote connection to NEM. If the alarm persists, replace BB.		

Table 28-69 IK4003004 - BB LOSS OF HS DATA LINK 3

Alarm	Attributes	Applicable major releases
Name: IK4003004 (5195) Type: equipmentAlarm (3) Package: Ite Raised on class: Ite.BBCardSpecifics	Severity: major Specific problem: BB LOSS OF HS DATA LINK 3 (41) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> LR14.1.L
Description: This alarm indicates a failure of the BB to CB link.		
Impact: LTE service is not possible on this BB.		
Remedial action: Reset BB, reset CB, replace BB or CB if problem persists.		

Table 28-70 IK4003006 - BB INDETERMINATE OPERATIONAL FAILURE

Alarm	Attributes	Applicable major releases
Name: IK4003006 (5196) Type: equipmentAlarm (3) Package: Ite Raised on class: Ite.BBCardSpecifics	Severity: major Specific problem: BB INDETERMINATE OPERATIONAL FAILURE (42) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> LR14.1.L LR14.3.L
Description: This alarm indicates that a failure of the modem (baseband unit) has been detected that cannot be described by any specific alarm.		
Impact: Cells supported by this modem may have failed.		
Remedial action: The unit is automatically reset to attempt to clear the fault. If the problem persists then replace the failed modem.		

Table 28-71 IK4003008 - BB LOSS OF COMM

Alarm	Attributes	Applicable major releases
Name: IK4003008 (2153) Type: communicationsAlarm (4) Package: Ite Raised on class: Ite.BBCardSpecifics	Severity: critical Specific problem: BB LOSS OF COMM (43) Implicitly cleared: true Default probable cause: communicationsProtocolError (901)	<ul style="list-style-type: none"> LR13.3 LR14.1.L LR14.3.L
Description: This alarm indicates the loss of layer 3 communication to the modem.		
Impact: The module is not usable. The service impact depends on the eNodeB configuration.		
Remedial action: If the alarm persists for more than 15 minutes, then perform the following tasks sequentially until the alarm clears. Please allow 10 minutes for the alarm to clear after each task. 1. Check the state of the CEM. If "Initializing" is indicated then another 10 minutes should be allowed to pass before resetting the BB. 2. Reset the BB via NEM. 3. Check if BB is present in the cabinet, remove and reinsert BB. 4. Replace BB. 5. Check the back panel and replace CB. 6. Call next level of support.		

Table 28-72 IK4003042 - BB FAULT BIST FAIL

Alarm	Attributes	Applicable major releases
Name: IK4003042 (2154) Type: equipmentAlarm (3) Package: lte Raised on class: lte.BBCardSpecifics	Severity: critical Specific problem: BB FAULT BIST FAIL (44) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This alarm indicates a Built In Self Test failure.		
Impact: LTE service is not possible on this BB.		
Remedial action: Reset BB, replace if problem persist		

Table 28-73 IK4003043 - BB FAULT DOWNLOAD FAILURE

Alarm	Attributes	Applicable major releases
Name: IK4003043 (2155) Type: processingErrorAlarm (81) Package: lte Raised on class: lte.BBCardSpecifics	Severity: minor Specific problem: BB FAULT DOWNLOAD FAILURE (45) Implicitly cleared: true Default probable cause: softwareProgramError (720)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This alarm indicates a software download failure.		
Impact: No impact on eNodeB.		
Remedial action: Retry the download. If the problem persists, contact the next level support.		

Table 28-74 IK4003044 - BB OVER TEMP MAJOR

Alarm	Attributes	Applicable major releases
Name: IK4003044 (2156) Type: equipmentAlarm (3) Package: lte Raised on class: lte.BBCardSpecifics	Severity: major Specific problem: BB OVER TEMP MAJOR (46) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This alarm indicates that the modem temperature is rising to the shutdown limit.		
Impact: If the alarm persists, it will impact the LTE service on this BB.		
Remedial action: Check for proper fan operation and that the fan type is compatible with the BB type, check that DBU inlet temperature is within operating range.		

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Table 28-75 IK4003045 - BB OVER TEMP CRITICAL

Alarm	Attributes	Applicable major releases
Name: IK4003045 (2157) Type: equipmentAlarm (3) Package: lte Raised on class: lte.BBCardSpecifics	Severity: critical Specific problem: BB OVER TEMP CRITICAL (47) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This alarm indicates that the modem temperature is above operating range.		
Impact: LTE service is still possible on this BB until auto shutdown.		
Remedial action: Check for proper fan operation and that the fan type is compatible with the BB type, check that DBU inlet temperature is within operating range.		

Table 28-76 IK4003046 - BB SOFTWARE FAIL

Alarm	Attributes	Applicable major releases
Name: IK4003046 (2158) Type: processingErrorAlarm (81) Package: lte Raised on class: lte.BBCardSpecifics	Severity: critical Specific problem: BB SOFTWARE FAIL (48) Implicitly cleared: true Default probable cause: softwareProgramError (720)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This alarm indicates a general platform software failure.		
Impact: LTE service is not possible on this BB.		
Remedial action: Reset the BB.		

Table 28-77 IK4003048 - BB L1 HARDWARE FAIL

Alarm	Attributes	Applicable major releases
Name: IK4003048 (2160) Type: equipmentAlarm (3) Package: lte Raised on class: lte.BBCardSpecifics	Severity: critical Specific problem: BB L1 HARDWARE FAIL (49) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This alarm indicates a Layer 1 hardware failure.		
Impact: LTE service is not possible on this BB.		
Remedial action: Reset the BB, replace the BB if problem persists.		

Table 28-78 IK4003050 - BB L1 SOFTWARE WARNING

Alarm	Attributes	Applicable major releases
Name: IK4003050 (2162) Type: processingErrorAlarm (81) Package: lte Raised on class: lte.BBCardSpecifics	Severity: warning Specific problem: BB L1 SOFTWARE WARNING (50) Implicitly cleared: true Default probable cause: softwareProgramError (720)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This alarm indicates a Layer 1 software warning.		
Impact: No impact on eNodeB.		
Remedial action: Reset the BB in low traffic hours.		

Table 28-79 IK4003051 - BB L2 SOFTWARE WARNING

Alarm	Attributes	Applicable major releases
Name: IK4003051 (2163) Type: processingErrorAlarm (81) Package: lte Raised on class: lte.BBCardSpecifics	Severity: warning Specific problem: BB L2 SOFTWARE WARNING (51) Implicitly cleared: true Default probable cause: softwareProgramError (720)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This alarm indicates a Layer 2 software warning.		
Impact: No impact on eNodeB.		
Remedial action: Reset the BB in low traffic hours.		

Table 28-80 IK4003052 - BB L2 HARDWARE FAIL

Alarm	Attributes	Applicable major releases
Name: IK4003052 (2164) Type: equipmentAlarm (3) Package: lte Raised on class: lte.BBCardSpecifics	Severity: critical Specific problem: BB L2 HARDWARE FAIL (52) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This alarm indicates a Layer 2 hardware failure.		
Impact: LTE service is not possible on this BB.		
Remedial action: Reset the BB, replace the BB if problem persists.		

Table 28-81 IK4003053 - BB LOSS OF HS DATA LINK ALL

Alarm	Attributes	Applicable major releases
Name: IK4003053 (2165) Type: communicationsAlarm (4) Package: lte Raised on class: lte.BBCardSpecifics	Severity: critical Specific problem: BB LOSS OF HS DATA LINK ALL (53) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This alarm indicates a loss of high-speed data links to all BBs.		
Impact: LTE service is not possible on this BB.		
Remedial action: Reset the BB and/or CB, if problem persists then replace the BB or CB.		

Table 28-82 IK4003054 - BB LED FAILURE

Alarm	Attributes	Applicable major releases
Name: IK4003054 (2166) Type: equipmentAlarm (3) Package: lte Raised on class: lte.BBCardSpecifics	Severity: minor Specific problem: BB LED FAILURE (54) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This alarm indicates a failure to control face-plate LEDs.		
Impact: No impact on eNodeB.		
Remedial action: Reset the BB in low traffic hours.		

Table 28-83 IK4003055 - BB NON CPU POWER FAILURE

Alarm	Attributes	Applicable major releases
Name: IK4003055 (2167) Type: equipmentAlarm (3) Package: lte Raised on class: lte.BBCardSpecifics	Severity: critical Specific problem: BB NON CPU POWER FAILURE (55) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This alarm indicates a BB power failure to the peripheral devices except the Ethernet switch and the P4080.		
Impact: LTE service is not provided on this BB.		
Remedial action: Replace the BB.		

Table 28-84 IK4003056 - BB HS DATA LINK SYNC FAULT

Alarm	Attributes	Applicable major releases
Name: IK4003056 (2168) Type: equipmentAlarm (3) Package: lte Raised on class: lte.BBCardSpecifics	Severity: major Specific problem: BB HS DATA LINK SYNC FAULT (56) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This alarm indicates a failure to synchronize SFN to modem.		
Impact: LTE service is not provided on this BB.		
Remedial action: Reset the BB.		

Table 28-85 IK4003057 - BB L1 SOFTWARE FAIL SLICE 1

Alarm	Attributes	Applicable major releases
Name: IK4003057 (2169) Type: processingErrorAlarm (81) Package: lte Raised on class: lte.BBCardSpecifics	Severity: major Specific problem: BB L1 SOFTWARE FAIL SLICE 1 (57) Implicitly cleared: true Default probable cause: softwareProgramError (720)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This alarm indicates a software failure on the BB.		
Impact: LTE service is not possible on this BB slice.		
Remedial action: Reset the BB.		

Table 28-86 IK4003058 - BB L1 SOFTWARE FAIL SLICE 2

Alarm	Attributes	Applicable major releases
Name: IK4003058 (2170) Type: processingErrorAlarm (81) Package: lte Raised on class: lte.BBCardSpecifics	Severity: major Specific problem: BB L1 SOFTWARE FAIL SLICE 2 (58) Implicitly cleared: true Default probable cause: softwareProgramError (720)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This alarm indicates a software failure on the BB.		
Impact: LTE service is not possible on this BB slice.		
Remedial action: Reset the BB.		

Table 28-87 IK4003059 - BB L1 SOFTWARE FAIL SLICE 3

Alarm	Attributes	Applicable major releases
Name: IK4003059 (2171) Type: processingErrorAlarm (81) Package: lte Raised on class: lte.BBCardSpecifics	Severity: major Specific problem: BB L1 SOFTWARE FAIL SLICE 3 (59) Implicitly cleared: true Default probable cause: softwareProgramError (720)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This alarm indicates a software failure on the BB.		
Impact: LTE service is not possible on this BB slice.		
Remedial action: Reset the BB.		

Table 28-88 IK4003060 - BB L2 SOFTWARE FAIL SLICE 1

Alarm	Attributes	Applicable major releases
Name: IK4003060 (2172) Type: processingErrorAlarm (81) Package: lte Raised on class: lte.BBCardSpecifics	Severity: major Specific problem: BB L2 SOFTWARE FAIL SLICE 1 (60) Implicitly cleared: true Default probable cause: softwareProgramError (720)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This alarm indicates a software failure on the BB.		
Impact: LTE service is not possible on this BB slice.		
Remedial action: Reset the BB.		

Table 28-89 IK4003061 - BB L2 SOFTWARE FAIL SLICE 2

Alarm	Attributes	Applicable major releases
Name: IK4003061 (2173) Type: processingErrorAlarm (81) Package: lte Raised on class: lte.BBCardSpecifics	Severity: major Specific problem: BB L2 SOFTWARE FAIL SLICE 2 (61) Implicitly cleared: true Default probable cause: softwareProgramError (720)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This alarm indicates a software failure on the BB.		
Impact: LTE service is not possible on this BB slice.		
Remedial action: Reset the BB.		

Table 28-90 IK4003062 - BB L2 SOFTWARE FAIL SLICE 3

Alarm	Attributes	Applicable major releases
Name: IK4003062 (2174) Type: processingErrorAlarm (81) Package: lte Raised on class: lte.BBCardSpecifics	Severity: major Specific problem: BB L2 SOFTWARE FAIL SLICE 3 (62) Implicitly cleared: true Default probable cause: softwareProgramError (720)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This alarm indicates a software failure on the BB.		
Impact: LTE service is not possible on this BB slice.		
Remedial action: Reset the BB.		

Table 28-91 IK4003063 - BB L2 HARDWARE FAIL SLICE 1

Alarm	Attributes	Applicable major releases
Name: IK4003063 (2175) Type: equipmentAlarm (3) Package: lte Raised on class: lte.BBCardSpecifics	Severity: major Specific problem: BB L2 HARDWARE FAIL SLICE 1 (63) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This alarm indicates a hardware failure on the BB.		
Impact: LTE service is not possible on this BB slice.		
Remedial action: Reset the BB, replace the BB if problem persists.		

Table 28-92 IK4003064 - BB L2 HARDWARE FAIL SLICE 2

Alarm	Attributes	Applicable major releases
Name: IK4003064 (2176) Type: equipmentAlarm (3) Package: lte Raised on class: lte.BBCardSpecifics	Severity: major Specific problem: BB L2 HARDWARE FAIL SLICE 2 (64) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This alarm indicates a hardware failure on the BB.		
Impact: LTE service is not possible on this BB slice.		
Remedial action: Reset the BB, replace the BB if problem persists.		

Table 28-93 IK4003065 - BB L2 HARDWARE FAIL SLICE 3

Alarm	Attributes	Applicable major releases
Name: IK4003065 (2177) Type: equipmentAlarm (3) Package: lte Raised on class: lte.BBCardSpecifics	Severity: major Specific problem: BB L2 HARDWARE FAIL SLICE 3 (65) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This alarm indicates a hardware failure on the BB.		
Impact: LTE service is not possible on this BB slice.		
Remedial action: Reset the BB, replace the BB if problem persists.		

Table 28-94 IK4003066 - BB L1 SOFTWARE WARNING SLICE 1

Alarm	Attributes	Applicable major releases
Name: IK4003066 (2178) Type: processingErrorAlarm (81) Package: lte Raised on class: lte.BBCardSpecifics	Severity: warning Specific problem: BB L1 SOFTWARE WARNING SLICE 1 (66) Implicitly cleared: true Default probable cause: softwareProgramError (720)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This alarm indicates a software warning on the BB.		
Impact: No impact on eNodeB.		
Remedial action: Reset BB in low traffic hours.		

Table 28-95 IK4003067 - BB L1 SOFTWARE WARNING SLICE 2

Alarm	Attributes	Applicable major releases
Name: IK4003067 (2179) Type: processingErrorAlarm (81) Package: lte Raised on class: lte.BBCardSpecifics	Severity: warning Specific problem: BB L1 SOFTWARE WARNING SLICE 2 (67) Implicitly cleared: true Default probable cause: softwareProgramError (720)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This alarm indicates a software warning on the BB.		
Impact: No impact on eNodeB.		
Remedial action: Reset BB in low traffic hours.		

Table 28-96 IK4003068 - BB L1 SOFTWARE WARNING SLICE 3

Alarm	Attributes	Applicable major releases
Name: IK4003068 (2180) Type: processingErrorAlarm (81) Package: Ite Raised on class: Ite.BBCardSpecifics	Severity: warning Specific problem: BB L1 SOFTWARE WARNING SLICE 3 (68) Implicitly cleared: true Default probable cause: softwareProgramError (720)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This alarm indicates a software warning on the BB.		
Impact: No impact on eNodeB.		
Remedial action: Reset BB in low traffic hours.		

Table 28-97 IK4003069 - BB L2 SOFTWARE WARNING SLICE 1

Alarm	Attributes	Applicable major releases
Name: IK4003069 (2181) Type: processingErrorAlarm (81) Package: Ite Raised on class: Ite.BBCardSpecifics	Severity: warning Specific problem: BB L2 SOFTWARE WARNING SLICE 1 (69) Implicitly cleared: true Default probable cause: softwareProgramError (720)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This alarm indicates a software warning on the BB.		
Impact: No impact on eNodeB.		
Remedial action: Reset BB in low traffic hours.		

Table 28-98 IK4003070 - BB L2 SOFTWARE WARNING SLICE 2

Alarm	Attributes	Applicable major releases
Name: IK4003070 (2182) Type: processingErrorAlarm (81) Package: Ite Raised on class: Ite.BBCardSpecifics	Severity: warning Specific problem: BB L2 SOFTWARE WARNING SLICE 2 (70) Implicitly cleared: true Default probable cause: softwareProgramError (720)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This alarm indicates a software warning on the BB.		
Impact: No impact on eNodeB.		
Remedial action: Reset BB in low traffic hours.		

Table 28-99 IK4003071 - BB L2 SOFTWARE WARNING SLICE 3

Alarm	Attributes	Applicable major releases
Name: IK4003071 (2183) Type: processingErrorAlarm (81) Package: Ite Raised on class: Ite.BBCardSpecifics	Severity: warning Specific problem: BB L2 SOFTWARE WARNING SLICE 3 (71) Implicitly cleared: true Default probable cause: softwareProgramError (720)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This alarm indicates a software warning on the BB.		
Impact: No impact on eNodeB.		
Remedial action: Reset BB in low traffic hours.		

Table 28-100 IK4003072 - BB FAULT 1

Alarm	Attributes	Applicable major releases
Name: IK4003072 (2971) Type: equipmentAlarm (3) Package: Ite Raised on class: Ite.BBCardSpecifics	Severity: minor Specific problem: BB FAULT 1 (72) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: Provisioned for late churn-in. Unspecified BB fault detected		
Impact: Check the additional info for impact details.		
Remedial action: Check the additional information for maintenance action details.		

Table 28-101 IK4003073 - BB FAULT 2

Alarm	Attributes	Applicable major releases
Name: IK4003073 (2972) Type: equipmentAlarm (3) Package: Ite Raised on class: Ite.BBCardSpecifics	Severity: minor Specific problem: BB FAULT 2 (73) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: Provisioned for late churn-in. Unspecified BB fault detected		
Impact: Check the additional info for impact details.		
Remedial action: Check the additional information for maintenance action details.		

Table 28-102 IK4003074 - BB FAULT 3

Alarm	Attributes	Applicable major releases
Name: IK4003074 (2973) Type: equipmentAlarm (3) Package: Ite Raised on class: Ite.BBCardSpecifics	Severity: minor Specific problem: BB FAULT 3 (74) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: Provisioned for late churn-in. Unspecified BB fault detected		
Impact: Check the additional info for impact details.		
Remedial action: Check the additional information for maintenance action details.		

Table 28-103 IK4003075 - BB FAULT 4

Alarm	Attributes	Applicable major releases
Name: IK4003075 (2974) Type: equipmentAlarm (3) Package: Ite Raised on class: Ite.BBCardSpecifics	Severity: minor Specific problem: BB FAULT 4 (75) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: Provisioned for late churn-in. Unspecified BB fault detected		
Impact: Check the additional info for impact details.		
Remedial action: Check the additional information for maintenance action details.		

Table 28-104 IK4003076 - BB FAULT 5

Alarm	Attributes	Applicable major releases
Name: IK4003076 (2975) Type: equipmentAlarm (3) Package: Ite Raised on class: Ite.BBCardSpecifics	Severity: minor Specific problem: BB FAULT 5 (76) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: Provisioned for late churn-in. Unspecified BB fault detected		
Impact: Check the additional info for impact details.		
Remedial action: Check the additional information for maintenance action details.		

Table 28-105 IK4003077 - BB LOSS OF HS DATA LINK 1

Alarm	Attributes	Applicable major releases
Name: IK4003077 (2976) Type: equipmentAlarm (3) Package: lte Raised on class: lte.BBCardSpecifics	Severity: major Specific problem: BB LOSS OF HS DATA LINK 1 (38) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> LR13.3
Description: This alarm indicates a failure of the BB to CB link.		
Impact: LTE service is not possible on this BB.		
Remedial action: Reset BB, reset CB, replace BB or CB if problem persists.		

Table 28-106 IK4003078 - BB LOSS OF HS DATA LINK 2

Alarm	Attributes	Applicable major releases
Name: IK4003078 (2977) Type: equipmentAlarm (3) Package: lte Raised on class: lte.BBCardSpecifics	Severity: major Specific problem: BB LOSS OF HS DATA LINK 2 (39) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> LR13.3
Description: This alarm indicates a failure of the BB to CB link.		
Impact: LTE service is not possible on this BB.		
Remedial action: Reset BB, reset CB, replace BB or CB if problem persists.		

Table 28-107 IK4003079 - BB LOSS OF HS DATA LINK 3

Alarm	Attributes	Applicable major releases
Name: IK4003079 (2978) Type: equipmentAlarm (3) Package: lte Raised on class: lte.BBCardSpecifics	Severity: major Specific problem: BB LOSS OF HS DATA LINK 3 (41) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> LR13.3
Description: This alarm indicates a failure of the BB to CB link.		
Impact: LTE service is not possible on this BB.		
Remedial action: Reset BB, reset CB, replace BB or CB if problem persists.		

Table 28-108 IK4003080 - BB LOSS OF HS DATA LINK 4

Alarm	Attributes	Applicable major releases
Name: IK4003080 (2979) Type: equipmentAlarm (3) Package: lte Raised on class: lte.BBCardSpecifics	Severity: major Specific problem: BB LOSS OF HS DATA LINK 4 (77) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> LR13.3
Description: This alarm indicates a failure of the BB to CB link.		
Impact: LTE service is not possible on this BB.		
Remedial action: Reset BB, reset CB, replace BB or CB if problem persists.		

Table 28-109 IK4003081 - BB DIV IMBALANCE 1

Alarm	Attributes	Applicable major releases
Name: IK4003081 (5197) Type: equipmentAlarm (3) Package: lte Raised on class: lte.BBCardSpecifics	Severity: major Specific problem: BB DIV IMBALANCE 1 (78) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> LR14.1.L LR14.3.L
Description: This alarm indicates Diversity imbalance fault.		
Impact: No impact on eNodeB.		
Remedial action: No action is required.		

Table 28-110 IK4003082 - BB DIV IMBALANCE 2

Alarm	Attributes	Applicable major releases
Name: IK4003082 (5198) Type: equipmentAlarm (3) Package: lte Raised on class: lte.BBCardSpecifics	Severity: major Specific problem: BB DIV IMBALANCE 2 (79) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> LR14.1.L LR14.3.L
Description: This alarm indicates Diversity imbalance fault.		
Impact: No impact on eNodeB.		
Remedial action: No action is required.		

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Table 28-111 IK4003083 - BB DIV IMBALANCE 3

Alarm	Attributes	Applicable major releases
Name: IK4003083 (5199) Type: equipmentAlarm (3) Package: Ite Raised on class: Ite.BBCardSpecifics	Severity: major Specific problem: BB DIV IMBALANCE 3 (80) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR14.1.L • LR14.3.L
Description: This alarm indicates Diversity imbalance fault.		
Impact: No impact on eNodeB.		
Remedial action: No action is required.		

Table 28-112 IK4003084 - BB INDETERMINATE OPERATIONAL FAILURE

Alarm	Attributes	Applicable major releases
Name: IK4003084 (3750) Type: equipmentAlarm (3) Package: Ite Raised on class: Ite.BBCardSpecifics	Severity: major Specific problem: BB INDETERMINATE OPERATIONAL FAILURE (42) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR13.3
Description: This alarm indicates that a failure of the modem (baseband unit) has been detected that cannot be described by any specific alarm.		
Impact: Cells supported by this modem may have failed.		
Remedial action: The unit is automatically reset to attempt to clear the fault. If the problem persists then replace the failed modem.		

Table 28-113 IK4003085 - BB ALL MODEM CELL RESOURCES FAILURE

Alarm	Attributes	Applicable major releases
Name: IK4003085 (3985) Type: equipmentAlarm (3) Package: Ite Raised on class: Ite.BBCardSpecifics	Severity: critical Specific problem: BB ALL MODEM CELL RESOURCES FAILURE (81) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This alarm indicates all modem physical cell failure.		
Impact: LTE service is not possible on this BB.		
Remedial action: Reset the BB.		

Table 28-114 IK4003103 - BB CELL RESOURCES NOT ALLOCATED

Alarm	Attributes	Applicable major releases
Name: IK4003103 (5200) Type: communicationsAlarm (4) Package: lte Raised on class: lte.BBCardSpecifics	Severity: major Specific problem: BB CELL RESOURCES NOT ALLOCATED (82) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR14.1.L • LR14.3.L
Description: This alarm indicates the BB requested more HSIQ links than free HSIQ links available at CB level.		
Impact: LTE service is degraded on this BB.		
Remedial action: This alarm can be raised transiently in eCCM+3bCEM configurations. eNB will automatically solve it. If, the problem persists, reset the BB.		

Table 28-115 IK4003104 - BB SLICE1 FAILURE DUE TO LOSS OF HS DATA LINK

Alarm	Attributes	Applicable major releases
Name: IK4003104 (7963) Type: equipmentAlarm (3) Package: lte Raised on class: lte.BBCardSpecifics	Severity: major Specific problem: BB SLICE1 FAILURE DUE TO LOSS OF HS DATA LINK (1871) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR14.3.L
Description: This alarm indicates a failure of the BB to CB link, which leads to BB slice 1 failure.		
Impact: LTE service is not possible on this BB's slice 1.		
Remedial action: Reset BB, reset CB, replace BB or CB if problem persists.		

Table 28-116 IK4003105 - BB SLICE2 FAILURE DUE TO LOSS OF HS DATA LINK

Alarm	Attributes	Applicable major releases
Name: IK4003105 (7964) Type: equipmentAlarm (3) Package: lte Raised on class: lte.BBCardSpecifics	Severity: major Specific problem: BB SLICE2 FAILURE DUE TO LOSS OF HS DATA LINK (1872) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR14.3.L
Description: This alarm indicates a failure of the BB to CB link, which leads to BB slice 2 failure.		
Impact: LTE service is not possible on this BB's slice 2.		
Remedial action: Reset BB, reset CB, replace BB or CB if problem persists.		

Table 28-117 IK4003106 - BB SLICE3 FAILURE DUE TO LOSS OF HS DATA LINK

Alarm	Attributes	Applicable major releases
Name: IK4003106 (7965) Type: equipmentAlarm (3) Package: Ite Raised on class: Ite.BBCardSpecifics	Severity: major Specific problem: BB SLICE3 FAILURE DUE TO LOSS OF HS DATA LINK (1873) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> LR14.3.L
Description: This alarm indicates a failure of the BB to CB link, which leads to BB Slice 3 failure		
Impact: LTE service is not possible on this BB's slice 3.		
Remedial action: Reset BB, reset CB, replace BB or CB if problem persists.		

Table 28-118 IK4003107 - BB TEMPERATURE SENSOR FAILURE

Alarm	Attributes	Applicable major releases
Name: IK4003107 (7966) Type: equipmentAlarm (3) Package: Ite Raised on class: Ite.BBCardSpecifics	Severity: major Specific problem: BB TEMPERATURE SENSOR FAILURE (1874) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> LR14.3.L
Description: This alarm indicates a temperature sensor failure.		
Impact: Temperature read from BB is not precise anymore and fan control cannot work normally. eNB may be in condition of over temperature		
Remedial action: Reset the BB in low traffic hours,if problem persists then replace the BB		

Table 28-119 IK4004001 - CB INIT FAILURE

Alarm	Attributes	Applicable major releases
Name: IK4004001 (2184) Type: equipmentAlarm (3) Package: Ite Raised on class: Ite.CBCardSpecifics	Severity: critical Specific problem: CB INIT FAILURE (83) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> LR13.3 LR14.1.L LR14.3.L
Description: This alarm indicates the failure to initialize the associated resources.		
Impact: The LTE service is affected		
Remedial action: Reset CB using the remote connection to NEM. If the alarm persists, replace the CB.		

Table 28-120 IK4004002 - CB OSC LOSS

Alarm	Attributes	Applicable major releases
Name: IK4004002 (2185) Type: equipmentAlarm (3) Package: Ite Raised on class: Ite.CBCardSpecifics	Severity: critical Specific problem: CB OSC LOSS (84) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This alarm indicates a hardware failure of the oscillator.		
Impact: The module is not usable. The eNodeB is not operational.		
Remedial action: If the alarm persists for more than a minute, replace the CB.		

Table 28-121 IK4004003 - CB 1PPS AND TOD REF INPUT LOCK FAILURE

Alarm	Attributes	Applicable major releases
Name: IK4004003 (5201) Type: equipmentAlarm (3) Package: Ite Raised on class: Ite.CBCardSpecifics	Severity: major Specific problem: CB 1PPS AND TOD REF INPUT LOCK FAILURE (85) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR14.1.L • LR14.3.L
Description: This alarm indicates the loss of the Ingress Reference 1PPS signal.		
Impact: eNodeB uses a lower priority clock reference source or goes into holdover.		
Remedial action: Check the 1PPS+ToD External Reference Connectivity. If fault persist, call next level of support		

Table 28-122 IK4004004 - CB 1PPS AND TOD REF INPUT PROTOCOL FAILURE

Alarm	Attributes	Applicable major releases
Name: IK4004004 (5202) Type: equipmentAlarm (3) Package: Ite Raised on class: Ite.CBCardSpecifics	Severity: major Specific problem: CB 1PPS AND TOD REF INPUT PROTOCOL FAILURE (86) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR14.1.L • LR14.3.L
Description: This alarm indicates the Failure of the Ingress 1PPS+ToD Protocol Link.		
Impact: eNodeB remains synchronised to 1PPS. The data from the Protocol message link is no longer available.		
Remedial action: Check the 1PPS+ToD External Reference Connectivity. If fault persist, call next level of support		

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Table 28-123 IK4004005 - CB INDETERMINATE OPERATIONAL FAILURE

Alarm	Attributes	Applicable major releases
Name: IK4004005 (5203) Type: equipmentAlarm (3) Package: lte Raised on class: lte.CBCardSpecifics	Severity: critical Specific problem: CB INDETERMINATE OPERATIONAL FAILURE (87) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR14.1.L • LR14.3.L
Description: This alarm indicates that a failure of the controller board has been detected that cannot be described by any specific alarm.		
Impact: Operation of the eNodeB is interrupted as the controller board resets.		
Remedial action: Reset the unit manually to attempt to clear the fault. If the problem persists then replace the controller board.		

Table 28-124 IK4004006 - CB OSC I2C FAULT

Alarm	Attributes	Applicable major releases
Name: IK4004006 (5204) Type: equipmentAlarm (3) Package: lte Raised on class: lte.CBCardSpecifics	Severity: minor Specific problem: CB OSC I2C FAULT (88) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR14.1.L • LR14.3.L
Description: This alarm indicates CB cannot tune the OSC		
Impact: The SW might lose control of the OSC thus the eNB synchronization might not be achieved		
Remedial action: Reset the CB or replace the OSC		

Table 28-125 IK4004007 - CB OSC OUT OF TUNE RANGE

Alarm	Attributes	Applicable major releases
Name: IK4004007 (5205) Type: equipmentAlarm (3) Package: lte Raised on class: lte.CBCardSpecifics	Severity: minor Specific problem: CB OSC OUT OF TUNE RANGE (89) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR14.1.L • LR14.3.L
Description: The OSC is close to its life cycle		
Impact: The eNB synchronization could be not achieved		
Remedial action: Replace the OSC		

Table 28-126 IK4004008 - CB SFP INCOMPATIBILITY CPRIPORT 4

Alarm	Attributes	Applicable major releases
Name: IK4004008 (5206) Type: equipmentAlarm (3) Package: lte Raised on class: lte.CBCardSpecifics	Severity: warning Specific problem: CB SFP INCOMPATIBILITY CPRIPORT 4 (90) Implicitly cleared: true Default probable cause: configurationOrCustomizationError (902)	<ul style="list-style-type: none"> • LR14.1.L • LR14.3.L
Description: This alarm indicates that the equipped SFP doesn't allow to achieve the maximum CPRI rate allowed by SW.		
Impact: It is likely that the cell configuration can not be supported due to this SFP HW restriction.		
Remedial action: The operator may update the SFP on the BBU.		

Table 28-127 IK4004009 - CB FILE SYSTEM ACCESS FAILURE

Alarm	Attributes	Applicable major releases
Name: IK4004009 (2186) Type: equipmentAlarm (3) Package: lte Raised on class: lte.CBCardSpecifics	Severity: major Specific problem: CB FILE SYSTEM ACCESS FAILURE (91) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This alarm indicates the failure to access files in a partition of the CB file system.		
Impact: Software download is not possible.		
Remedial action: Reset the CB. If the alarm persists, replace the CB.		

Table 28-128 IK4004011 - CB FLYWHEEL CRITICAL

Alarm	Attributes	Applicable major releases
Name: IK4004011 (2187) Type: equipmentAlarm (3) Package: lte Raised on class: lte.CBCardSpecifics	Severity: critical Specific problem: CB FLYWHEEL CRITICAL (92) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: The timing reference source (e.g., GPS or 1588) has been unavailable for too long and timing may have drifted enough to cause RF violations.		
Impact: The LTE service is affected.		
Remedial action: Check for reference source alarms: GPS RECEIVER (4004083);GPS 1PPS LOSS (4004065);LOSS OF SYNCE (4004160);PTP LOSS OF PRIMARY SYNC(4004162)		

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Table 28-129 IK4004012 - CB FLYWHEEL MAJOR

Alarm	Attributes	Applicable major releases
Name: IK4004012 (2188) Type: equipmentAlarm (3) Package: lte Raised on class: lte.CBCardSpecifics	Severity: major Specific problem: CB FLYWHEEL MAJOR (93) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: The timing reference source (e.g., GPS or 1588) has been unavailable for an extended time and timing may have drifted enough.		
Impact: If the alarm persists, it will impact the LTE service.		
Remedial action: Check for reference source alarms: GPS RECEIVER (4004083);GPS 1PPS LOSS (4004065);LOSS OF SYNCE (4004160);PTP LOSS OF PRIMARY SYNC(4004162)		

Table 28-130 IK4004013 - CB FLYWHEEL MINOR

Alarm	Attributes	Applicable major releases
Name: IK4004013 (2189) Type: equipmentAlarm (3) Package: lte Raised on class: lte.CBCardSpecifics	Severity: minor Specific problem: CB FLYWHEEL MINOR (94) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: The timing reference source (e.g., GPS or 1588) has been unavailable for an extended time and timing may have drifted enough.		
Impact: If the alarm persists, it will impact the LTE service.		
Remedial action: Check for reference source alarms: GPS RECEIVER (4004083);GPS 1PPS LOSS (4004065);LOSS OF SYNCE (4004160);PTP LOSS OF PRIMARY SYNC(4004162)		

Table 28-131 IK4004014 - CB FLYWHEEL START

Alarm	Attributes	Applicable major releases
Name: IK4004014 (2190) Type: equipmentAlarm (3) Package: lte Raised on class: lte.CBCardSpecifics	Severity: warning Specific problem: CB FLYWHEEL START (95) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: The timing reference source (e.g., GPS or 1588) is not available.		
Impact: There is no LTE Call processing service impact. This alarm is a Warning that the eNB is now using the internal OCXO without an external reference disciplining it. If the Flywheel alarms escalate through the Minor alarm, Major alarm to the Critical alarm (4004014 to 4004011), only when the critical alarm is triggered is basic LTE CallP service impacted.		
Remedial action: Check for reference source alarms: GPS RECEIVER (4004083);GPS 1PPS LOSS (4004065);LOSS OF SYNCE (4004160);PTP LOSS OF PRIMARY SYNC(4004162)		

Table 28-132 IK4004018 - CB TRANS LSL CPRI PORT 1

Alarm	Attributes	Applicable major releases
Name: IK4004018 (2194) Type: equipmentAlarm (3) Package: Ite Raised on class: Ite.CBCardSpecifics	Severity: minor Specific problem: CB TRANS LSL CPRI PORT 1 (99) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: The incoming optical signal level for this CPRI port is very low.		
Impact: No impact on eNodeB.		
Remedial action: Check the CPRI link connections, cables, and SFPs and replace as necessary.		

Table 28-133 IK4004019 - CB TRANS LSL CPRI PORT 2

Alarm	Attributes	Applicable major releases
Name: IK4004019 (2195) Type: equipmentAlarm (3) Package: Ite Raised on class: Ite.CBCardSpecifics	Severity: minor Specific problem: CB TRANS LSL CPRI PORT 2 (100) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: The incoming optical signal level for this CPRI port is very low.		
Impact: No impact on eNodeB.		
Remedial action: Check the CPRI link connections, cables, and SFPs and replace as necessary.		

Table 28-134 IK4004020 - CB TRANS LSL CPRI PORT 3

Alarm	Attributes	Applicable major releases
Name: IK4004020 (2196) Type: equipmentAlarm (3) Package: Ite Raised on class: Ite.CBCardSpecifics	Severity: minor Specific problem: CB TRANS LSL CPRI PORT 3 (101) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: The incoming optical signal level for this CPRI port is very low.		
Impact: No impact on eNodeB.		
Remedial action: Check the CPRI link connections, cables, and SFPs and replace as necessary.		

Table 28-135 IK4004021 - CB TRANS LSL CPRI PORT 4

Alarm	Attributes	Applicable major releases
Name: IK4004021 (2197) Type: equipmentAlarm (3) Package: Ite Raised on class: Ite.CBCardSpecifics	Severity: minor Specific problem: CB TRANS LSL CPRI PORT 4 (102) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: The incoming optical signal level for this CPRI port is very low.		
Impact: No impact on eNodeB.		
Remedial action: Check the CPRI link connections, cables, and SFPs and replace as necessary.		

Table 28-136 IK4004022 - CB TRANS LSL CPRI PORT 5

Alarm	Attributes	Applicable major releases
Name: IK4004022 (2198) Type: equipmentAlarm (3) Package: Ite Raised on class: Ite.CBCardSpecifics	Severity: minor Specific problem: CB TRANS LSL CPRI PORT 5 (103) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: The incoming optical signal level for this CPRI port is very low.		
Impact: No impact on eNodeB.		
Remedial action: Check the CPRI link connections, cables, and SFPs and replace as necessary.		

Table 28-137 IK4004023 - CB TRANS LSL CPRI PORT 6

Alarm	Attributes	Applicable major releases
Name: IK4004023 (2199) Type: equipmentAlarm (3) Package: Ite Raised on class: Ite.CBCardSpecifics	Severity: minor Specific problem: CB TRANS LSL CPRI PORT 6 (104) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: The incoming optical signal level for this CPRI port is very low.		
Impact: No impact on eNodeB.		
Remedial action: Check the CPRI link connections, cables, and SFPs and replace as necessary.		

Table 28-138 IK4004024 - CB RAI CPRIPORT 1

Alarm	Attributes	Applicable major releases
Name: IK4004024 (2200) Type: equipmentAlarm (3) Package: lte Raised on class: lte.CBCardSpecifics	Severity: major Specific problem: CB RAI CPRIPORT 1 (105) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: The first RFM on the CPRI port is reporting a CPRI link alarm.		
Impact: Impacts the LTE service.		
Remedial action: Check the CPRI link connections, cables, and SFPs and replace as necessary. Reset or replace CB if problem persists.		

Table 28-139 IK4004025 - CB RAI CPRIPORT 2

Alarm	Attributes	Applicable major releases
Name: IK4004025 (2201) Type: equipmentAlarm (3) Package: lte Raised on class: lte.CBCardSpecifics	Severity: major Specific problem: CB RAI CPRIPORT 2 (106) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: The first RFM on the CPRI port is reporting a CPRI link alarm.		
Impact: Impacts the LTE service.		
Remedial action: Check the CPRI link connections, cables, and SFPs and replace as necessary. Reset or replace CB if problem persists.		

Table 28-140 IK4004026 - CB RAI CPRIPORT 3

Alarm	Attributes	Applicable major releases
Name: IK4004026 (2202) Type: equipmentAlarm (3) Package: lte Raised on class: lte.CBCardSpecifics	Severity: major Specific problem: CB RAI CPRIPORT 3 (107) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: The first RFM on the CPRI port is reporting a CPRI link alarm.		
Impact: Impacts the LTE service.		
Remedial action: Check the CPRI link connections, cables, and SFPs and replace as necessary. Reset or replace CB if problem persists.		

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Table 28-141 IK4004027 - CB RAI CPRIPORT 4

Alarm	Attributes	Applicable major releases
Name: IK4004027 (2203) Type: equipmentAlarm (3) Package: lte Raised on class: lte.CBCardSpecifics	Severity: major Specific problem: CB RAI CPRIPORT 4 (108) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: The first RFM on the CPRI port is reporting a CPRI link alarm.		
Impact: Impacts the LTE service.		
Remedial action: Check the CPRI link connections, cables, and SFPs and replace as necessary. Reset or replace CB if problem persists.		

Table 28-142 IK4004028 - CB RAI CPRIPORT 5

Alarm	Attributes	Applicable major releases
Name: IK4004028 (2204) Type: equipmentAlarm (3) Package: lte Raised on class: lte.CBCardSpecifics	Severity: major Specific problem: CB RAI CPRIPORT 5 (109) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: The first RFM on the CPRI port is reporting a CPRI link alarm.		
Impact: Impacts the LTE service.		
Remedial action: Check the CPRI link connections, cables, and SFPs and replace as necessary. Reset or replace CB if problem persists.		

Table 28-143 IK4004029 - CB RAI CPRIPORT 6

Alarm	Attributes	Applicable major releases
Name: IK4004029 (2205) Type: equipmentAlarm (3) Package: lte Raised on class: lte.CBCardSpecifics	Severity: major Specific problem: CB RAI CPRIPORT 6 (110) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: The first RFM on the CPRI port is reporting a CPRI link alarm.		
Impact: Impacts the LTE service.		
Remedial action: Check the CPRI link connections, cables, and SFPs and replace as necessary. Reset or replace CB if problem persists.		

Table 28-144 IK4004030 - CB LOS LOF CPRIPORT 1

Alarm	Attributes	Applicable major releases
Name: IK4004030 (2206) Type: equipmentAlarm (3) Package: Ite Raised on class: Ite.CBCardSpecifics	Severity: major Specific problem: CB LOS LOF CPRIPORT 1 (111) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This alarm indicates the CPRI link from the first RFM on this port has failed (Loss of signal and/or loss of framing)		
Impact: Impacts the LTE service.		
Remedial action: Check the CPRI link cable and SFPs (CB and RFM) for failures, otherwise reset the RFM or reset the CB		

Table 28-145 IK4004031 - CB LOS LOF CPRIPORT 2

Alarm	Attributes	Applicable major releases
Name: IK4004031 (2207) Type: equipmentAlarm (3) Package: Ite Raised on class: Ite.CBCardSpecifics	Severity: major Specific problem: CB LOS LOF CPRIPORT 2 (112) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This alarm indicates the CPRI link from the first RFM on this port has failed (Loss of signal and/or loss of framing)		
Impact: Impacts the LTE service.		
Remedial action: Check the CPRI link cable and SFPs (CB and RFM) for failures, otherwise reset the RFM or reset the CB		

Table 28-146 IK4004032 - CB LOS LOF CPRIPORT 3

Alarm	Attributes	Applicable major releases
Name: IK4004032 (2208) Type: equipmentAlarm (3) Package: Ite Raised on class: Ite.CBCardSpecifics	Severity: major Specific problem: CB LOS LOF CPRIPORT 3 (113) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This alarm indicates the CPRI link from the first RFM on this port has failed (Loss of signal and/or loss of framing)		
Impact: Impacts the LTE service.		
Remedial action: Check the CPRI link cable and SFPs (CB and RFM) for failures, otherwise reset the RFM or reset the CB		

Table 28-147 IK4004033 - CB LOS LOF CPRIPORT 4

Alarm	Attributes	Applicable major releases
Name: IK4004033 (2209) Type: equipmentAlarm (3) Package: Ite Raised on class: Ite.CBCardSpecifics	Severity: major Specific problem: CB LOS LOF CPRIPORT 4 (114) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This alarm indicates the CPRI link from the first RFM on this port has failed (Loss of signal and/or loss of framing)		
Impact: Impacts the LTE service.		
Remedial action: Check the CPRI link cable and SFPs (CB and RFM) for failures, otherwise reset the RFM or reset the CB		

Table 28-148 IK4004034 - CB LOS LOF CPRIPORT 5

Alarm	Attributes	Applicable major releases
Name: IK4004034 (2210) Type: equipmentAlarm (3) Package: Ite Raised on class: Ite.CBCardSpecifics	Severity: major Specific problem: CB LOS LOF CPRIPORT 5 (115) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This alarm indicates the CPRI link from the first RFM on this port has failed (Loss of signal and/or loss of framing)		
Impact: Impacts the LTE service.		
Remedial action: Check the CPRI link cable and SFPs (CB and RFM) for failures, otherwise reset the RFM or reset the CB		

Table 28-149 IK4004035 - CB LOS LOF CPRIPORT 6

Alarm	Attributes	Applicable major releases
Name: IK4004035 (2211) Type: equipmentAlarm (3) Package: Ite Raised on class: Ite.CBCardSpecifics	Severity: major Specific problem: CB LOS LOF CPRIPORT 6 (116) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This alarm indicates the CPRI link from the first RFM on this port has failed (Loss of signal and/or loss of framing)		
Impact: Impacts the LTE service.		
Remedial action: Check the CPRI link cable and SFPs (CB and RFM) for failures, otherwise reset the RFM or reset the CB		

Table 28-150 IK4004036 - CB TRANS TX FAILURE CPRIPORT 1

Alarm	Attributes	Applicable major releases
Name: IK4004036 (2212) Type: equipmentAlarm (3) Package: lte Raised on class: lte.CBCardSpecifics	Severity: major Specific problem: CB TRANS TX FAILURE CPRIPORT 1 (117) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This alarm indicates a failure in the CB CPRI port transmitter.		
Impact: Impacts the LTE service.		
Remedial action: Replace the SFP for this port.		

Table 28-151 IK4004037 - CB TRANS TX FAILURE CPRIPORT 2

Alarm	Attributes	Applicable major releases
Name: IK4004037 (2213) Type: equipmentAlarm (3) Package: lte Raised on class: lte.CBCardSpecifics	Severity: major Specific problem: CB TRANS TX FAILURE CPRIPORT 2 (118) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This alarm indicates a failure in the CB CPRI port transmitter.		
Impact: Impacts the LTE service.		
Remedial action: Replace the SFP for this port.		

Table 28-152 IK4004038 - CB TRANS TX FAILURE CPRIPORT 3

Alarm	Attributes	Applicable major releases
Name: IK4004038 (2214) Type: equipmentAlarm (3) Package: lte Raised on class: lte.CBCardSpecifics	Severity: major Specific problem: CB TRANS TX FAILURE CPRIPORT 3 (119) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This alarm indicates a failure in the CB CPRI port transmitter.		
Impact: Impacts the LTE service.		
Remedial action: Replace the SFP for this port.		

Table 28-153 IK4004039 - CB TRANS TX FAILURE CPRIPORT 4

Alarm	Attributes	Applicable major releases
Name: IK4004039 (2215) Type: equipmentAlarm (3) Package: lte Raised on class: lte.CBCardSpecifics	Severity: major Specific problem: CB TRANS TX FAILURE CPRIPORT 4 (120) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This alarm indicates a failure in the CB CPRI port transmitter.		
Impact: Impacts the LTE service.		
Remedial action: Replace the SFP for this port.		

Table 28-154 IK4004040 - CB TRANS TX FAILURE CPRIPORT 5

Alarm	Attributes	Applicable major releases
Name: IK4004040 (2216) Type: equipmentAlarm (3) Package: lte Raised on class: lte.CBCardSpecifics	Severity: major Specific problem: CB TRANS TX FAILURE CPRIPORT 5 (121) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This alarm indicates a failure in the CB CPRI port transmitter.		
Impact: Impacts the LTE service.		
Remedial action: Replace the SFP for this port.		

Table 28-155 IK4004041 - CB TRANS TX FAILURE CPRIPORT 6

Alarm	Attributes	Applicable major releases
Name: IK4004041 (2217) Type: equipmentAlarm (3) Package: lte Raised on class: lte.CBCardSpecifics	Severity: major Specific problem: CB TRANS TX FAILURE CPRIPORT 6 (122) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This alarm indicates a failure in the CB CPRI port transmitter.		
Impact: Impacts the LTE service.		
Remedial action: Replace the SFP for this port.		

Table 28-156 IK4004042 - CB TRANS RX LOS CPRIPORT 1

Alarm	Attributes	Applicable major releases
Name: IK4004042 (2218) Type: equipmentAlarm (3) Package: Ite Raised on class: Ite.CBCardSpecifics	Severity: minor Specific problem: CB TRANS RX LOS CPRIPORT 1 (123) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: No CPRI signal is received at this CPRI port.		
Impact: No impact on eNodeB.		
Remedial action: Check the CPRI cable and connections, replace the SFP (RFM or CB end), verify the RFM is operating.		

Table 28-157 IK4004043 - CB TRANS RX LOS CPRIPORT 2

Alarm	Attributes	Applicable major releases
Name: IK4004043 (2219) Type: equipmentAlarm (3) Package: Ite Raised on class: Ite.CBCardSpecifics	Severity: minor Specific problem: CB TRANS RX LOS CPRIPORT 2 (124) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: No CPRI signal is received at this CPRI port.		
Impact: No impact on eNodeB.		
Remedial action: Check the CPRI cable and connections, replace the SFP (RFM or CB end), verify the RFM is operating.		

Table 28-158 IK4004044 - CB TRANS RX LOS CPRIPORT 3

Alarm	Attributes	Applicable major releases
Name: IK4004044 (2220) Type: equipmentAlarm (3) Package: Ite Raised on class: Ite.CBCardSpecifics	Severity: minor Specific problem: CB TRANS RX LOS CPRIPORT 3 (125) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: No CPRI signal is received at this CPRI port.		
Impact: No impact on eNodeB.		
Remedial action: Check the CPRI cable and connections, replace the SFP (RFM or CB end), verify the RFM is operating.		

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Table 28-159 IK4004045 - CB TRANS RX LOS CPRIPORT 4

Alarm	Attributes	Applicable major releases
Name: IK4004045 (2221) Type: equipmentAlarm (3) Package: Ite Raised on class: Ite.CBCardSpecifics	Severity: minor Specific problem: CB TRANS RX LOS CPRIPORT 4 (126) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: No CPRI signal is received at this CPRI port.		
Impact: No impact on eNodeB.		
Remedial action: Check the CPRI cable and connections, replace the SFP (RFM or CB end), verify the RFM is operating.		

Table 28-160 IK4004046 - CB TRANS RX LOS CPRIPORT 5

Alarm	Attributes	Applicable major releases
Name: IK4004046 (2222) Type: equipmentAlarm (3) Package: Ite Raised on class: Ite.CBCardSpecifics	Severity: minor Specific problem: CB TRANS RX LOS CPRIPORT 5 (127) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: No CPRI signal is received at this CPRI port.		
Impact: No impact on eNodeB.		
Remedial action: Check the CPRI cable and connections, replace the SFP (RFM or CB end), verify the RFM is operating.		

Table 28-161 IK4004047 - CB TRANS RX LOS CPRIPORT 6

Alarm	Attributes	Applicable major releases
Name: IK4004047 (2223) Type: equipmentAlarm (3) Package: Ite Raised on class: Ite.CBCardSpecifics	Severity: minor Specific problem: CB TRANS RX LOS CPRIPORT 6 (128) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: No CPRI signal is received at this CPRI port.		
Impact: No impact on eNodeB.		
Remedial action: Check the CPRI cable and connections, replace the SFP (RFM or CB end), verify the RFM is operating.		

Table 28-162 IK4004054 - CB SDI CPRIPORT 1

Alarm	Attributes	Applicable major releases
Name: IK4004054 (2224) Type: equipmentAlarm (3) Package: Ite Raised on class: Ite.CBCardSpecifics	Severity: minor Specific problem: CB SDI CPRIPORT 1 (135) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: One or more data channels on this CPRI have failed.		
Impact: No impact on eNodeB.		
Remedial action: Reset RFM.		

Table 28-163 IK4004055 - CB SDI CPRIPORT 2

Alarm	Attributes	Applicable major releases
Name: IK4004055 (2225) Type: equipmentAlarm (3) Package: Ite Raised on class: Ite.CBCardSpecifics	Severity: minor Specific problem: CB SDI CPRIPORT 2 (136) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: One or more data channels on this CPRI have failed.		
Impact: No impact on eNodeB.		
Remedial action: Reset RFM.		

Table 28-164 IK4004056 - CB SDI CPRIPORT 3

Alarm	Attributes	Applicable major releases
Name: IK4004056 (2226) Type: equipmentAlarm (3) Package: Ite Raised on class: Ite.CBCardSpecifics	Severity: minor Specific problem: CB SDI CPRIPORT 3 (137) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: One or more data channels on this CPRI have failed.		
Impact: No impact on eNodeB.		
Remedial action: Reset RFM.		

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Table 28-165 IK4004057 - CB SDI CPRIPORT 4

Alarm	Attributes	Applicable major releases
Name: IK4004057 (2227) Type: equipmentAlarm (3) Package: Ite Raised on class: Ite.CBCardSpecifics	Severity: minor Specific problem: CB SDI CPRIPORT 4 (138) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: One or more data channels on this CPRI have failed.		
Impact: No impact on eNodeB.		
Remedial action: Reset RFM.		

Table 28-166 IK4004058 - CB SDI CPRIPORT 5

Alarm	Attributes	Applicable major releases
Name: IK4004058 (2228) Type: equipmentAlarm (3) Package: Ite Raised on class: Ite.CBCardSpecifics	Severity: minor Specific problem: CB SDI CPRIPORT 5 (139) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: One or more data channels on this CPRI have failed.		
Impact: No impact on eNodeB.		
Remedial action: Reset RFM.		

Table 28-167 IK4004059 - CB SDI CPRIPORT 6

Alarm	Attributes	Applicable major releases
Name: IK4004059 (2229) Type: equipmentAlarm (3) Package: Ite Raised on class: Ite.CBCardSpecifics	Severity: minor Specific problem: CB SDI CPRIPORT 6 (140) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: One or more data channels on this CPRI have failed.		
Impact: No impact on eNodeB.		
Remedial action: Reset RFM.		

Table 28-168 IK4004061 - CB ALL CPRI PORTS FAILED

Alarm	Attributes	Applicable major releases
Name: IK4004061 (2231) Type: equipmentAlarm (3) Package: lte Raised on class: lte.CBCardSpecifics	Severity: critical Specific problem: CB ALL CPRI PORTS FAILED (142) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This alarm indicates the failure of all CPRI ports.		
Impact: The LTE service is affected.		
Remedial action: Reset CB using the remote connection to NEM. If the alarm persists, replace the CB.		

Table 28-169 IK4004065 - CB GPS 1PPS LOSS

Alarm	Attributes	Applicable major releases
Name: IK4004065 (2235) Type: equipmentAlarm (3) Package: lte Raised on class: lte.CBCardSpecifics	Severity: major Specific problem: CB GPS 1PPS LOSS (146) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This alarm indicates the loss of GPS receiver 1PPS signal.		
Impact: eNodeB uses a lower priority clock reference source or goes into holdover. If GPS does not recover, then Holdover Flywheeling alarms (4004014 to 4004011) will be triggered with increasing severity. Only if the critical Flywheeling alarm (4004011) is triggered will LTE service be disabled.		
Remedial action: Check GPS signal, GPS antenna, external GPS receiver if present. If fault persist, call next level of support		

Table 28-170 IK4004066 - CB TRANS LSL BHPORT 1

Alarm	Attributes	Applicable major releases
Name: IK4004066 (2236) Type: equipmentAlarm (3) Package: lte Raised on class: lte.CBCardSpecifics	Severity: minor Specific problem: CB TRANS LSL BHPORT 1 (147) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This alarm indicates that the received optical signal level is very low on the backhaul port.		
Impact: No impact on eNodeB.		
Remedial action: Check the CPRI cable and SFPs at CB and RFM.		

Table 28-171 IK4004067 - CB TRANS LSL BHPORT 2

Alarm	Attributes	Applicable major releases
Name: IK4004067 (2237) Type: equipmentAlarm (3) Package: Ite Raised on class: Ite.CBCardSpecifics	Severity: minor Specific problem: CB TRANS LSL BHPORT 2 (148) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This alarm indicates that the received optical signal level is very low on the backhaul port.		
Impact: No impact on eNodeB.		
Remedial action: Check the CPRI cable and SFPs at CB and RFM.		

Table 28-172 IK4004073 - CB OSC OVER TEMP

Alarm	Attributes	Applicable major releases
Name: IK4004073 (2239) Type: equipmentAlarm (3) Package: Ite Raised on class: Ite.CBCardSpecifics	Severity: major Specific problem: CB OSC OVER TEMP (150) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This alarm indicates that the CB timing oscillator temperature is above the specification limit.		
Impact: The LTE performance is low.		
Remedial action: Check for proper fan operation and that fan is compatible with modem unit, check DBU inlet temperature is within operating range. Replace the CB if necessary.		

Table 28-173 IK4004075 - CB SYSTEM CLOCK UNAVAILABLE

Alarm	Attributes	Applicable major releases
Name: IK4004075 (2241) Type: equipmentAlarm (3) Package: Ite Raised on class: Ite.CBCardSpecifics	Severity: critical Specific problem: CB SYSTEM CLOCK UNAVAILABLE (151) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This alarm indicates that the system clock is not available. The alarm is applicable for 1588 system clock, syncE, GPS and external reference sources.		
Impact: Impacts the LTE service.		
Remedial action: Check the synchronization sources and provisioning.		

Table 28-174 IK4004082 - CB GPS ANT

Alarm	Attributes	Applicable major releases
Name: IK4004082 (2248) Type: equipmentAlarm (3) Package: Ite Raised on class: Ite.CBCardSpecifics	Severity: major Specific problem: CB GPS ANT (153) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This alarm indicates a GPS antenna failure.		
Impact: If the reference resource is immediately rectified, there is no impact on eNodeB.		
Remedial action: Check the GPS antenna.		

Table 28-175 IK4004083 - CB GPS RECEIVER

Alarm	Attributes	Applicable major releases
Name: IK4004083 (2249) Type: equipmentAlarm (3) Package: Ite Raised on class: Ite.CBCardSpecifics	Severity: major Specific problem: CB GPS RECEIVER (154) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: The GPS receiver has failed and cannot provide a timing reference signal.		
Impact: If the reference resource is immediately rectified, there is no impact on eNodeB.		
Remedial action: Ensure that eNodeB has completed initialization. Check the cable connection to the External GPS Receiver if equipped, replace receiver if necessary. If internal receiver then replace the CB.		

Table 28-176 IK4004091 - CB LOS LOF HSIQPORT 1

Alarm	Attributes	Applicable major releases
Name: IK4004091 (2251) Type: equipmentAlarm (3) Package: Ite Raised on class: Ite.CBCardSpecifics	Severity: minor Specific problem: CB LOS LOF HSIQPORT 1 (155) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This alarm indicates a loss of signal between BB and CB.		
Impact: No impact on eNodeB.		
Remedial action: Replace the BB if a single port fault is present. If link faults exist across multiple ports then replace the CB.		

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Table 28-177 IK4004092 - CB LOS LOF HSIQPORT 2

Alarm	Attributes	Applicable major releases
Name: IK4004092 (2252) Type: equipmentAlarm (3) Package: Ite Raised on class: Ite.CBCardSpecifics	Severity: minor Specific problem: CB LOS LOF HSIQPORT 2 (156) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This alarm indicates a loss of signal between BB and CB.		
Impact: No impact on eNodeB.		
Remedial action: Replace the BB if a single port fault is present. If link faults exist across multiple ports then replace the CB.		

Table 28-178 IK4004093 - CB LOS LOF HSIQPORT 3

Alarm	Attributes	Applicable major releases
Name: IK4004093 (2253) Type: equipmentAlarm (3) Package: Ite Raised on class: Ite.CBCardSpecifics	Severity: minor Specific problem: CB LOS LOF HSIQPORT 3 (157) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This alarm indicates a loss of signal between BB and CB.		
Impact: No impact on eNodeB.		
Remedial action: Replace the BB if a single port fault is present. If link faults exist across multiple ports then replace the CB.		

Table 28-179 IK4004094 - CB LOS LOF HSIQPORT 4

Alarm	Attributes	Applicable major releases
Name: IK4004094 (2254) Type: equipmentAlarm (3) Package: Ite Raised on class: Ite.CBCardSpecifics	Severity: minor Specific problem: CB LOS LOF HSIQPORT 4 (158) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This alarm indicates a loss of signal between BB and CB.		
Impact: No impact on eNodeB.		
Remedial action: Replace the BB if a single port fault is present. If link faults exist across multiple ports then replace the CB.		

Table 28-180 IK4004095 - CB LOS LOF HSIQPORT 5

Alarm	Attributes	Applicable major releases
Name: IK4004095 (2255) Type: equipmentAlarm (3) Package: Ite Raised on class: Ite.CBCardSpecifics	Severity: minor Specific problem: CB LOS LOF HSIQPORT 5 (159) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This alarm indicates a loss of signal between BB and CB.		
Impact: No impact on eNodeB.		
Remedial action: Replace the BB if a single port fault is present. If link faults exist across multiple ports then replace the CB.		

Table 28-181 IK4004096 - CB LOS LOF HSIQPORT 6

Alarm	Attributes	Applicable major releases
Name: IK4004096 (2256) Type: equipmentAlarm (3) Package: Ite Raised on class: Ite.CBCardSpecifics	Severity: minor Specific problem: CB LOS LOF HSIQPORT 6 (160) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This alarm indicates a loss of signal between BB and CB.		
Impact: No impact on eNodeB.		
Remedial action: Replace the BB if a single port fault is present. If link faults exist across multiple ports then replace the CB.		

Table 28-182 IK4004097 - CB LOS LOF HSIQPORT 7

Alarm	Attributes	Applicable major releases
Name: IK4004097 (2257) Type: equipmentAlarm (3) Package: Ite Raised on class: Ite.CBCardSpecifics	Severity: minor Specific problem: CB LOS LOF HSIQPORT 7 (161) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This alarm indicates a loss of signal between BB and CB.		
Impact: No impact on eNodeB.		
Remedial action: Replace the BB if a single port fault is present. If link faults exist across multiple ports then replace the CB.		

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Table 28-183 IK4004098 - CB LOS LOF HSIQPORT 8

Alarm	Attributes	Applicable major releases
Name: IK4004098 (2258) Type: equipmentAlarm (3) Package: Ite Raised on class: Ite.CBCardSpecifics	Severity: minor Specific problem: CB LOS LOF HSIQPORT 8 (162) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This alarm indicates a loss of signal between BB and CB.		
Impact: No impact on eNodeB.		
Remedial action: Replace the BB if a single port fault is present. If link faults exist across multiple ports then replace the CB.		

Table 28-184 IK4004099 - CB LOS LOF HSIQPORT 9

Alarm	Attributes	Applicable major releases
Name: IK4004099 (2259) Type: equipmentAlarm (3) Package: Ite Raised on class: Ite.CBCardSpecifics	Severity: minor Specific problem: CB LOS LOF HSIQPORT 9 (163) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This alarm indicates a loss of signal between BB and CB.		
Impact: No impact on eNodeB.		
Remedial action: Replace the BB if a single port fault is present. If link faults exist across multiple ports then replace the CB.		

Table 28-185 IK4004100 - CB LOS LOF HSIQPORT 10

Alarm	Attributes	Applicable major releases
Name: IK4004100 (2260) Type: equipmentAlarm (3) Package: Ite Raised on class: Ite.CBCardSpecifics	Severity: minor Specific problem: CB LOS LOF HSIQPORT 10 (164) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This alarm indicates a loss of signal between BB and CB.		
Impact: No impact on eNodeB.		
Remedial action: Replace the BB if a single port fault is present. If link faults exist across multiple ports then replace the CB.		

Table 28-186 IK4004101 - CB LOS LOF HSIQPORT 11

Alarm	Attributes	Applicable major releases
Name: IK4004101 (2261) Type: equipmentAlarm (3) Package: Ite Raised on class: Ite.CBCardSpecifics	Severity: minor Specific problem: CB LOS LOF HSIQPORT 11 (165) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This alarm indicates a loss of signal between BB and CB.		
Impact: No impact on eNodeB.		
Remedial action: Replace the BB if a single port fault is present. If link faults exist across multiple ports then replace the CB.		

Table 28-187 IK4004102 - CB LOS LOF HSIQPORT 12

Alarm	Attributes	Applicable major releases
Name: IK4004102 (2262) Type: equipmentAlarm (3) Package: Ite Raised on class: Ite.CBCardSpecifics	Severity: minor Specific problem: CB LOS LOF HSIQPORT 12 (166) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This alarm indicates a loss of signal between BB and CB.		
Impact: No impact on eNodeB.		
Remedial action: Replace the BB if a single port fault is present. If link faults exist across multiple ports then replace the CB.		

Table 28-188 IK4004104 - CB GPS RECEIVER COMM FAIL

Alarm	Attributes	Applicable major releases
Name: IK4004104 (2263) Type: equipmentAlarm (3) Package: Ite Raised on class: Ite.CBCardSpecifics	Severity: major Specific problem: CB GPS RECEIVER COMM FAIL (167) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: The CB cannot communicate with the GPS receiver.		
Impact: If the reference resource is immediately rectified, there is no impact on eNodeB.		
Remedial action: Ensure that eNodeB has completed initialization. Check the cable connection to the External GPS Receiver if equipped, replace receiver if necessary. If internal receiver then replace the CB.		

Table 28-189 IK4004107 - CB SFP INCOMPATIBILITY CPRIPORT 1

Alarm	Attributes	Applicable major releases
Name: IK4004107 (2266) Type: equipmentAlarm (3) Package: Ite Raised on class: Ite.CBCardSpecifics	Severity: warning Specific problem: CB SFP INCOMPATIBILITY CPRIPORT 1 (168) Implicitly cleared: true Default probable cause: configurationOrCustomizationError (902)	<ul style="list-style-type: none"> • LR14.1.L • LR14.3.L
Description: This alarm indicates that the equipped SFP doesn't allow to achieve the maximum CPRI rate allowed by SW.		
Impact: It is likely that the cell configuration can not be supported due to this SFP HW restriction.		
Remedial action: The operator may update the SFP on the BBU.		

Table 28-190 IK4004117 - CB OVER TEMP MAJOR

Alarm	Attributes	Applicable major releases
Name: IK4004117 (2276) Type: equipmentAlarm (3) Package: Ite Raised on class: Ite.CBCardSpecifics	Severity: major Specific problem: CB OVER TEMP MAJOR (169) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This alarm indicates the CB temperature is rising near the shutdown limit.		
Impact: If the alarm persists, it will impact the LTE service.		
Remedial action: Check for fan failure or high ambient temperature.		

Table 28-191 IK4004118 - CB OVER TEMP CRITICAL

Alarm	Attributes	Applicable major releases
Name: IK4004118 (2277) Type: equipmentAlarm (3) Package: Ite Raised on class: Ite.CBCardSpecifics	Severity: critical Specific problem: CB OVER TEMP CRITICAL (170) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This alarm indicates the CB temperature is above the operating range.		
Impact: The LTE service is still possible until auto shutdown.		
Remedial action: CB autonomously powers down. Check for fan failure or high ambient temperature.		

Table 28-192 IK4004126 - CB FAILURE SLAVE SOC 2

Alarm	Attributes	Applicable major releases
Name: IK4004126 (2285) Type: equipmentAlarm (3) Package: lte Raised on class: lte.CBCardSpecifics	Severity: critical Specific problem: CB FAILURE SLAVE SOC 2 (171) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR14.1.L • LR14.3.L
Description: This alarm indicates a failure of a Slave SOC.		
Impact: LTE service is not possible on this CB SOC.		
Remedial action: Reset the CB manually to attempt to clear the fault. Replace the controller board if the problem persists.		

Table 28-193 IK4004127 - CB FAILURE SLAVE SOC 3

Alarm	Attributes	Applicable major releases
Name: IK4004127 (2286) Type: equipmentAlarm (3) Package: lte Raised on class: lte.CBCardSpecifics	Severity: critical Specific problem: CB FAILURE SLAVE SOC 3 (172) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR14.1.L • LR14.3.L
Description: This alarm indicates a failure of a Slave SOC.		
Impact: LTE service is not possible on this CB SOC.		
Remedial action: Reset the CB manually to attempt to clear the fault. Replace the controller board if the problem persists.		

Table 28-194 IK4004128 - CB CARD FAILURE

Alarm	Attributes	Applicable major releases
Name: IK4004128 (2287) Type: equipmentAlarm (3) Package: lte Raised on class: lte.CBCardSpecifics	Severity: critical Specific problem: CB CARD FAILURE (173) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR14.1.L • LR14.3.L
Description: This alarm indicates a failure of controller board.		
Impact: LTE service is not possible.		
Remedial action: Reset the CB manually to attempt to clear the fault. Replace the controller board if the problem persists.		

Table 28-195 IK4004129 - CB SFP INCOMPATIBILITY CPRIPORT 2

Alarm	Attributes	Applicable major releases
Name: IK4004129 (2288) Type: equipmentAlarm (3) Package: Ite Raised on class: Ite.CBCardSpecifics	Severity: warning Specific problem: CB SFP INCOMPATIBILITY CPRIPORT 2 (174) Implicitly cleared: true Default probable cause: configurationOrCustomizationError (902)	<ul style="list-style-type: none"> • LR14.1.L • LR14.3.L
Description: This alarm indicates that the equipped SFP doesn't allow to achieve the maximum CPRI rate allowed by SW.		
Impact: It is likely that the cell configuration can not be supported due to this SFP HW restriction.		
Remedial action: The operator may update the SFP on the BBU.		

Table 28-196 IK4004130 - CB SFP1 I2C FAULT

Alarm	Attributes	Applicable major releases
Name: IK4004130 (2289) Type: equipmentAlarm (3) Package: Ite Raised on class: Ite.CBCardSpecifics	Severity: minor Specific problem: CB SFP1 I2C FAULT (175) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR14.1.L • LR14.3.L
Description: This alarm indicates CB cannot read info of SFP 1 through I2C		
Impact: Inventory, temperature and TX/RX power of SFP cannot be read out properly		
Remedial action: Reset the CB or replace the SFP		

Table 28-197 IK4004131 - CB SFP2 I2C FAULT

Alarm	Attributes	Applicable major releases
Name: IK4004131 (2290) Type: equipmentAlarm (3) Package: Ite Raised on class: Ite.CBCardSpecifics	Severity: minor Specific problem: CB SFP2 I2C FAULT (176) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR14.1.L • LR14.3.L
Description: This alarm indicates CB cannot read info of SFP 2 through I2C		
Impact: Inventory, temperature and TX/RX power of SFP cannot be read out properly		
Remedial action: Reset the CB or replace the SFP		

Table 28-198 IK4004132 - CB SFP3 I2C FAULT

Alarm	Attributes	Applicable major releases
Name: IK4004132 (2291) Type: equipmentAlarm (3) Package: Ite Raised on class: Ite.CBCardSpecifics	Severity: minor Specific problem: CB SFP3 I2C FAULT (177) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR14.1.L • LR14.3.L
Description: This alarm indicates CB cannot read info of SFP 3 through I2C		
Impact: Inventory, temperature and TX/RX power of SFP cannot be read out properly		
Remedial action: Reset the CB or replace the SFP		

Table 28-199 IK4004133 - CB SFP4 I2C FAULT

Alarm	Attributes	Applicable major releases
Name: IK4004133 (2292) Type: equipmentAlarm (3) Package: Ite Raised on class: Ite.CBCardSpecifics	Severity: minor Specific problem: CB SFP4 I2C FAULT (178) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR14.1.L • LR14.3.L
Description: This alarm indicates CB cannot read info of SFP 4 through I2C		
Impact: Inventory, temperature and TX/RX power of SFP cannot be read out properly		
Remedial action: Reset the CB or replace the SFP		

Table 28-200 IK4004134 - CB SFP5 I2C FAULT

Alarm	Attributes	Applicable major releases
Name: IK4004134 (2293) Type: equipmentAlarm (3) Package: Ite Raised on class: Ite.CBCardSpecifics	Severity: minor Specific problem: CB SFP5 I2C FAULT (179) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR14.1.L • LR14.3.L
Description: This alarm indicates CB cannot read info of SFP 5 through I2C		
Impact: Inventory, temperature and TX/RX power of SFP cannot be read out properly		
Remedial action: Reset the CB or replace the SFP		

Table 28-201 IK4004135 - CB SFP6 I2C FAULT

Alarm	Attributes	Applicable major releases
Name: IK4004135 (2294) Type: equipmentAlarm (3) Package: Ite Raised on class: Ite.CBCardSpecifics	Severity: minor Specific problem: CB SFP6 I2C FAULT (180) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR14.1.L • LR14.3.L
Description: This alarm indicates CB cannot read info of SFP 6 through I2C		
Impact: Inventory, temperature and TX/RX power of SFP cannot be read out properly		
Remedial action: Reset the CB or replace the SFP		

Table 28-202 IK4004138 - CB SFP7 I2C FAULT

Alarm	Attributes	Applicable major releases
Name: IK4004138 (2297) Type: equipmentAlarm (3) Package: Ite Raised on class: Ite.CBCardSpecifics	Severity: minor Specific problem: CB SFP7 I2C FAULT (183) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR14.1.L • LR14.3.L
Description: This alarm indicates CB cannot read info of SFP 7 through I2C		
Impact: Inventory, temperature and TX/RX power of SFP cannot be read out properly		
Remedial action: Reset the CB or replace the SFP		

Table 28-203 IK4004139 - CB SFP8 I2C FAULT

Alarm	Attributes	Applicable major releases
Name: IK4004139 (2298) Type: equipmentAlarm (3) Package: Ite Raised on class: Ite.CBCardSpecifics	Severity: minor Specific problem: CB SFP8 I2C FAULT (184) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR14.1.L • LR14.3.L
Description: This alarm indicates CB cannot read info of SFP 8 through I2C		
Impact: Inventory, temperature and TX/RX power of SFP cannot be read out properly		
Remedial action: Reset the CB or replace the SFP		

Table 28-204 IK4004140 - CB TOD OUT OF SYNC

Alarm	Attributes	Applicable major releases
Name: IK4004140 (2299) Type: equipmentAlarm (3) Package: Ite Raised on class: Ite.CBCardSpecifics	Severity: minor Specific problem: CB TOD OUT OF SYNC (185) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This alarm indicates that the GPS timing pulses may be missing or incorrect.		
Impact: No impact on eNodeB.		
Remedial action: Replace the External GPS Receiver or CB (if using internal GPS receiver).		

Table 28-205 IK4004143 - CB SFP9 I2C FAULT

Alarm	Attributes	Applicable major releases
Name: IK4004143 (5207) Type: equipmentAlarm (3) Package: Ite Raised on class: Ite.CBCardSpecifics	Severity: minor Specific problem: CB SFP9 I2C FAULT (188) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR14.1.L • LR14.3.L
Description: This alarm indicates CB cannot read info of SFP through I2C		
Impact: Inventory, temperature and TX/RX power of SFP cannot be read out properly		
Remedial action: Reset the CB or replace the SFP		

Table 28-206 IK4004144 - CB FAULT 1

Alarm	Attributes	Applicable major releases
Name: IK4004144 (2988) Type: equipmentAlarm (3) Package: Ite Raised on class: Ite.CBCardSpecifics	Severity: minor Specific problem: CB FAULT 1 (189) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: Provisioned for late churn-in. Unspecified CB fault detected		
Impact: Check the additional info for impact details.		
Remedial action: Check the additional information for maintenance action details.		

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Table 28-207 IK4004145 - CB FAULT 2

Alarm	Attributes	Applicable major releases
Name: IK4004145 (2989) Type: equipmentAlarm (3) Package: Ite Raised on class: Ite.CBCardSpecifics	Severity: minor Specific problem: CB FAULT 2 (190) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: Provisioned for late churn-in. Unspecified CB fault detected		
Impact: Check the additional info for impact details.		
Remedial action: Check the additional information for maintenance action details.		

Table 28-208 IK4004146 - CB FAULT 3

Alarm	Attributes	Applicable major releases
Name: IK4004146 (2990) Type: equipmentAlarm (3) Package: Ite Raised on class: Ite.CBCardSpecifics	Severity: minor Specific problem: CB FAULT 3 (191) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: Provisioned for late churn-in. Unspecified CB fault detected		
Impact: Check the additional info for impact details.		
Remedial action: Check the additional information for maintenance action details.		

Table 28-209 IK4004147 - CB FAULT 4

Alarm	Attributes	Applicable major releases
Name: IK4004147 (2991) Type: equipmentAlarm (3) Package: Ite Raised on class: Ite.CBCardSpecifics	Severity: minor Specific problem: CB FAULT 4 (192) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: Provisioned for late churn-in. Unspecified CB fault detected		
Impact: Check the additional info for impact details.		
Remedial action: Check the additional information for maintenance action details.		

Table 28-210 IK4004148 - CB FAULT 5

Alarm	Attributes	Applicable major releases
Name: IK4004148 (2992) Type: equipmentAlarm (3) Package: Ite Raised on class: Ite.CBCardSpecifics	Severity: minor Specific problem: CB FAULT 5 (193) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: Provisioned for late churn-in. Unspecified CB fault detected		
Impact: Check the additional info for impact details.		
Remedial action: Check the additional information for maintenance action details.		

Table 28-211 IK4004152 - CB SFP INCOMPATIBILITY CPRIPORT 3

Alarm	Attributes	Applicable major releases
Name: IK4004152 (2996) Type: equipmentAlarm (3) Package: Ite Raised on class: Ite.CBCardSpecifics	Severity: warning Specific problem: CB SFP INCOMPATIBILITY CPRIPORT 3 (197) Implicitly cleared: true Default probable cause: configurationOrCustomizationError (902)	<ul style="list-style-type: none"> • LR14.1.L • LR14.3.L
Description: This alarm indicates that the equipped SFP doesn't allow to achieve the maximum CPRI rate allowed by SW.		
Impact: It is likely that the cell configuration can not be supported due to this SFP HW restriction.		
Remedial action: The operator may update the SFP on the BBU.		

Table 28-212 IK4004153 - CB INIT GPS SELF SURVEY INPROGRESS

Alarm	Attributes	Applicable major releases
Name: IK4004153 (2997) Type: equipmentAlarm (3) Package: Ite Raised on class: Ite.CBCardSpecifics	Severity: warning Specific problem: CB INIT GPS SELF SURVEY INPROGRESS (198) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L
Description: This alarm indicates a high accuracy GPS survey is in progress.		
Impact: No impact on eNodeB.		
Remedial action: Wait. If the alarm persists beyond 10 hours, call the next level of support.		

Table 28-213 IK4004154 - CB LOOPBACK INACTIVITY

Alarm	Attributes	Applicable major releases
Name: IK4004154 (2998) Type: equipmentAlarm (3) Package: lte Raised on class: lte.CBCardSpecifics	Severity: warning Specific problem: CB LOOPBACK INACTIVITY (199) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This alarm indicates there is no packet activity for the interval specified in the loopback activation.		
Impact: No impact on eNodeB.		
Remedial action: Reset the CB. Call the next level of support		

Table 28-214 IK4004155 - CB PTP CLIENT INITIALIZING 1

Alarm	Attributes	Applicable major releases
Name: IK4004155 (3637) Type: equipmentAlarm (3) Package: lte Raised on class: lte.CBCardSpecifics	Severity: warning Specific problem: CB PTP CLIENT INITIALIZING 1 (200) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This alarm indicates that the 1588 client algorithm is stabilizing from a cold start-up, when the 1588 message transfer is set to Continuous mode. This alarm is inhibited when the 1588 message transfer is in Discontinuous mode.		
Impact: If the reference resource is immediately rectified, there is no impact on eNodeB.		
Remedial action: If alarm continues assess the Packet delay variation on the Network Interface.		

Table 28-215 IK4004156 - CB PTP CLIENT INITIALIZING 2

Alarm	Attributes	Applicable major releases
Name: IK4004156 (3638) Type: equipmentAlarm (3) Package: lte Raised on class: lte.CBCardSpecifics	Severity: warning Specific problem: CB PTP CLIENT INITIALIZING 2 (201) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This alarm indicates that the 1588 client algorithm is stabilizing from a cold start-up, when the 1588 message transfer is set to Continuous mode. This alarm is inhibited when the 1588 message transfer is in Discontinuous mode.		
Impact: If the reference resource is immediately rectified, there is no impact on eNodeB.		
Remedial action: If alarm continues assess the Packet delay variation on the Network Interface.		

Table 28-216 IK4004157 - CB GPS LOCK FAILURE

Alarm	Attributes	Applicable major releases
Name: IK4004157 (3639) Type: equipmentAlarm (3) Package: lte Raised on class: lte.CBCardSpecifics	Severity: minor Specific problem: CB GPS LOCK FAILURE (202) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This alarm indicates that GPS satellite lock has been lost after timing has been synchronized.		
Impact: If the alarm persists, it will impact the LTE service.		
Remedial action: Check the GPS antenna placement, GPS antenna status, or GPS antenna cable. Replace the External GPS Receiver or CB (if using internal GPS receiver).		

Table 28-217 IK4004158 - CB OSC IN WARMUP

Alarm	Attributes	Applicable major releases
Name: IK4004158 (3640) Type: equipmentAlarm (3) Package: lte Raised on class: lte.CBCardSpecifics	Severity: warning Specific problem: CB OSC IN WARMUP (149) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This alarm indicates the CB timing oscillator is below its operating temperature range.		
Impact: The LTE service is affected during the warm up of the oscillator module.		
Remedial action: Wait for the oscillator module to warm up, worst case delay is 12 minutes at -5 Degree C cold start.. If the alarm persists and ambient temperature is within normal operating range then replace the CB.		

Table 28-218 IK4004159 - CB LOSS OF PRIMARY REFERENCE

Alarm	Attributes	Applicable major releases
Name: IK4004159 (3641) Type: equipmentAlarm (3) Package: lte Raised on class: lte.CBCardSpecifics	Severity: minor Specific problem: CB LOSS OF PRIMARY REFERENCE (152) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This alarm indicates that the primary reference source is not available.		
Impact: If the reference resource is immediately rectified, there is no impact on eNodeB.		
Remedial action: Check the primary reference source.		

Table 28-219 IK4004160 - CB LOSS OF SYNCE

Alarm	Attributes	Applicable major releases
Name: IK4004160 (3642) Type: equipmentAlarm (3) Package: lte Raised on class: lte.CBCardSpecifics	Severity: minor Specific problem: CB LOSS OF SYNCE (203) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: The SyncE timing reference is not available.		
Impact: If the reference resource is immediately rectified, there is no impact on eNodeB.		
Remedial action: The Backhaul Node connecting to the eNB cannot supply an accurate Synchronous Ethernet clock. Check the clock source on this Backhaul Node.		

Table 28-220 IK4004161 - CB GPS ANT POSITION UNKNOWN

Alarm	Attributes	Applicable major releases
Name: IK4004161 (3643) Type: equipmentAlarm (3) Package: lte Raised on class: lte.CBCardSpecifics	Severity: minor Specific problem: CB GPS ANT POSITION UNKNOWN (204) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR13.3
Description: This alarm indicates a failure to detect the GPS antenna position.		
Impact: Impacts the location-based service.		
Remedial action: Check the position of the GPS antenna.		

Table 28-221 IK4004162 - CB PTP LOSS OF PRIMARY SYNCHRONIZATION

Alarm	Attributes	Applicable major releases
Name: IK4004162 (3644) Type: equipmentAlarm (3) Package: lte Raised on class: lte.CBCardSpecifics	Severity: minor Specific problem: CB PTP LOSS OF PRIMARY SYNCHRONIZATION (186) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This alarm indicates a loss of synchronization with the primary 1588 grandmaster server, when the 1588 message transfer is set to Continuous mode. This alarm is inhibited when the 1588 message transfer is in Discontinuous mode.		
Impact: If the alarm persists, it will impact the LTE service.		
Remedial action: Check configuration of link to 1588 Grandmaster is correct. If problem persists check the packet delay variation on the eNB backhaul interface.		

Table 28-222 IK4004163 - CB PTP LOSS OF SECONDARY SYNCHRONIZATION

Alarm	Attributes	Applicable major releases
Name: IK4004163 (3645) Type: equipmentAlarm (3) Package: lte Raised on class: lte.CBCardSpecifics	Severity: minor Specific problem: CB PTP LOSS OF SECONDARY SYNCHRONIZATION (187) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This alarm indicates a loss of synchronization with the secondary 1588 grandmaster server, when the 1588 message transfer is set to Continuous mode. This alarm is inhibited when the 1588 message transfer is in Discontinuous mode.		
Impact: If the alarm persists, it will impact the LTE service.		
Remedial action: Check configuration of link to 1588 Grandmaster is correct. If problem persists check the packet delay variation on the eNB backhaul interface.		

Table 28-223 IK4004164 - CB PTP UNEXPECTED LONG INITIALIZATION

Alarm	Attributes	Applicable major releases
Name: IK4004164 (3646) Type: equipmentAlarm (3) Package: lte Raised on class: lte.CBCardSpecifics	Severity: minor Specific problem: CB PTP UNEXPECTED LONG INITIALIZATION (205) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This alarm indicates that 1588 client has taken longer than expected to achieve complete synchronization. When the 1588 message transfer is set to Discontinuous mode and the , this alarm indicates lock has not been obtained in a message transfer session before the next timed session, when the session length is defined by gaining Lock.		
Impact: The LTE service is affected with 1588 PTP as synchronization reference. However, the eNB may synchronize to an alternative available source.		
Remedial action: Verify 1588 grandmaster is operating correctly, check network conditions, otherwise reset the CB. Note: if eNB has synchronized to an alternative available source, then reset of CB will be service impacting.		

Table 28-224 IK4004166 - CB GPS INSUFFICIENT FIXED SATELLITES

Alarm	Attributes	Applicable major releases
Name: IK4004166 (3648) Type: equipmentAlarm (3) Package: lte Raised on class: lte.CBCardSpecifics	Severity: minor Specific problem: CB GPS INSUFFICIENT FIXED SATELLITES (195) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This alarm indicates that insufficient fixed satellites are available to get GPS synchronization.		
Impact: The GPS synchronisation is not possible.		

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Alarm	Attributes	Applicable major releases
Remedial action: Check the GPS antenna location and status. Replace GPS antenna, cable or receiver if necessary.		

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Table 28-225 IK4004167 - CB GPS INSUFFICIENT VISIBLE SATELLITES

Alarm	Attributes	Applicable major releases
Name: IK4004167 (3649) Type: equipmentAlarm (3) Package: Ite Raised on class: Ite.CBCardSpecifics	Severity: warning Specific problem: CB GPS INSUFFICIENT VISIBLE SATELLITES (196) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This alarm indicates that insufficient visible satellites are available to get GPS synchronization.		
Impact: The GPS synchronisation is not possible.		
Remedial action: Check the GPS antenna location and status. Replace GPS antenna, cable or receiver if necessary.		

Table 28-226 IK4004170 - CB INIT GPS SELF SURVEY

Alarm	Attributes	Applicable major releases
Name: IK4004170 (3752) Type: equipmentAlarm (3) Package: Ite Raised on class: Ite.CBCardSpecifics	Severity: warning Specific problem: CB INIT GPS SELF SURVEY (206) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L
Description: This alarm indicates a high accuracy GPS survey has not been successfully completed after 24 hours.		
Impact: Quality of GPS timing source is too low to support OTDOA geolocation.		
Remedial action: Check GPS receiver.		

Table 28-227 IK4004171 - CB INDETERMINATE OPERATIONAL FAILURE

Alarm	Attributes	Applicable major releases
Name: IK4004171 (3753) Type: equipmentAlarm (3) Package: Ite Raised on class: Ite.CBCardSpecifics	Severity: critical Specific problem: CB INDETERMINATE OPERATIONAL FAILURE (87) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR13.3

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Alarm	Attributes	Applicable major releases
Description: This alarm indicates that a failure of the controller board has been detected that cannot be described by any specific alarm.		
Impact: Operation of the eNodeB is interrupted as the controller board resets.		
Remedial action: Reset the unit manually to attempt to clear the fault. If the problem persists, then replace the controller board.		

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Table 28-228 IK4004172 - CB TRANS LSL CPRI PORT 7

Alarm	Attributes	Applicable major releases
Name: IK4004172 (4632) Type: equipmentAlarm (3) Package: Ite Raised on class: Ite.CBCardSpecifics	Severity: minor Specific problem: CB TRANS LSL CPRI PORT 7 (208) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: The incoming optical signal level for this CPRI port is very low.		
Impact: No impact on eNodeB.		
Remedial action: Check the CPRI link connections, cables, and SFPs and replace as necessary.		

Table 28-229 IK4004173 - CB TRANS LSL CPRI PORT 8

Alarm	Attributes	Applicable major releases
Name: IK4004173 (4633) Type: equipmentAlarm (3) Package: Ite Raised on class: Ite.CBCardSpecifics	Severity: minor Specific problem: CB TRANS LSL CPRI PORT 8 (209) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: The incoming optical signal level for this CPRI port is very low.		
Impact: No impact on eNodeB.		
Remedial action: Check the CPRI link connections, cables, and SFPs and replace as necessary.		

Table 28-230 IK4004174 - CB TRANS LSL CPRIPORT 9

Alarm	Attributes	Applicable major releases
Name: IK4004174 (4634) Type: equipmentAlarm (3) Package: Ite Raised on class: Ite.CBCardSpecifics	Severity: minor Specific problem: CB TRANS LSL CPRIPORT 9 (210) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: The incoming optical signal level for this CPRI port is very low.		
Impact: No impact on eNodeB.		
Remedial action: Check the CPRI link connections, cables, and SFPs and replace as necessary.		

Table 28-231 IK4004175 - CB RAI CPRIPORT 7

Alarm	Attributes	Applicable major releases
Name: IK4004175 (4635) Type: equipmentAlarm (3) Package: Ite Raised on class: Ite.CBCardSpecifics	Severity: major Specific problem: CB RAI CPRIPORT 7 (211) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: The first RFM on the CPRI port is reporting a CPRI link alarm.		
Impact: Impacts the LTE service.		
Remedial action: Check the CPRI link connections, cables, and SFPs and replace as necessary. Reset or replace CB if problem persists.		

Table 28-232 IK4004176 - CB RAI CPRIPORT 8

Alarm	Attributes	Applicable major releases
Name: IK4004176 (4636) Type: equipmentAlarm (3) Package: Ite Raised on class: Ite.CBCardSpecifics	Severity: major Specific problem: CB RAI CPRIPORT 8 (212) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: The first RFM on the CPRI port is reporting a CPRI link alarm.		
Impact: Impacts the LTE service.		
Remedial action: Check the CPRI link connections, cables, and SFPs and replace as necessary. Reset or replace CB if problem persists.		

Table 28-233 IK4004177 - CB RAI CPRIPORT 9

Alarm	Attributes	Applicable major releases
Name: IK4004177 (4637) Type: equipmentAlarm (3) Package: lte Raised on class: lte.CBCardSpecifics	Severity: major Specific problem: CB RAI CPRIPORT 9 (213) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: The first RFM on the CPRI port is reporting a CPRI link alarm.		
Impact: Impacts the LTE service.		
Remedial action: Check the CPRI link connections, cables, and SFPs and replace as necessary. Reset or replace CB if problem persists.		

Table 28-234 IK4004178 - CB LOS LOF CPRIPORT 7

Alarm	Attributes	Applicable major releases
Name: IK4004178 (4638) Type: equipmentAlarm (3) Package: lte Raised on class: lte.CBCardSpecifics	Severity: major Specific problem: CB LOS LOF CPRIPORT 7 (214) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This alarm indicates the CPRI link from the first RFM on this port has failed (Loss of signal and/or loss of framing)		
Impact: Impacts the LTE service.		
Remedial action: Check the CPRI link cable and SFPs (CB and RFM) for failures, otherwise reset the RFM or reset the CB		

Table 28-235 IK4004179 - CB LOS LOF CPRIPORT 8

Alarm	Attributes	Applicable major releases
Name: IK4004179 (4639) Type: equipmentAlarm (3) Package: lte Raised on class: lte.CBCardSpecifics	Severity: major Specific problem: CB LOS LOF CPRIPORT 8 (215) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This alarm indicates the CPRI link from the first RFM on this port has failed (Loss of signal and/or loss of framing)		
Impact: Impacts the LTE service.		
Remedial action: Check the CPRI link cable and SFPs (CB and RFM) for failures, otherwise reset the RFM or reset the CB		

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Table 28-236 IK4004180 - CB LOS LOF CPRIPORT 9

Alarm	Attributes	Applicable major releases
Name: IK4004180 (4640) Type: equipmentAlarm (3) Package: Ite Raised on class: Ite.CBCardSpecifics	Severity: major Specific problem: CB LOS LOF CPRIPORT 9 (216) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This alarm indicates the CPRI link from the first RFM on this port has failed (Loss of signal and/or loss of framing)		
Impact: Impacts the LTE service.		
Remedial action: Check the CPRI link cable and SFPs (CB and RFM) for failures, otherwise reset the RFM or reset the CB		

Table 28-237 IK4004181 - CB TRANS TX FAILURE CPRIPORT 7

Alarm	Attributes	Applicable major releases
Name: IK4004181 (4641) Type: equipmentAlarm (3) Package: Ite Raised on class: Ite.CBCardSpecifics	Severity: major Specific problem: CB TRANS TX FAILURE CPRIPORT 7 (217) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This alarm indicates a failure in the CB CPRI port transmitter.		
Impact: Impacts the LTE service.		
Remedial action: Replace the SFP for this port.		

Table 28-238 IK4004182 - CB TRANS TX FAILURE CPRIPORT 8

Alarm	Attributes	Applicable major releases
Name: IK4004182 (4642) Type: equipmentAlarm (3) Package: Ite Raised on class: Ite.CBCardSpecifics	Severity: major Specific problem: CB TRANS TX FAILURE CPRIPORT 8 (218) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This alarm indicates a failure in the CB CPRI port transmitter.		
Impact: Impacts the LTE service.		
Remedial action: Replace the SFP for this port.		

Table 28-239 IK4004183 - CB TRANS TX FAILURE CPRIPORT 9

Alarm	Attributes	Applicable major releases
Name: IK4004183 (4643) Type: equipmentAlarm (3) Package: lte Raised on class: lte.CBCardSpecifics	Severity: major Specific problem: CB TRANS TX FAILURE CPRIPORT 9 (219) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This alarm indicates a failure in the CB CPRI port transmitter.		
Impact: Impacts the LTE service.		
Remedial action: Replace the SFP for this port.		

Table 28-240 IK4004184 - CB TRANS RX LOS CPRIPORT 7

Alarm	Attributes	Applicable major releases
Name: IK4004184 (4644) Type: equipmentAlarm (3) Package: lte Raised on class: lte.CBCardSpecifics	Severity: minor Specific problem: CB TRANS RX LOS CPRIPORT 7 (220) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: No CPRI signal is received at this CPRI port.		
Impact: No impact on eNodeB.		
Remedial action: Check the CPRI cable and connections, replace the SFP (RFM or CB end), verify the RFM is operating.		

Table 28-241 IK4004185 - CB TRANS RX LOS CPRIPORT 8

Alarm	Attributes	Applicable major releases
Name: IK4004185 (4645) Type: equipmentAlarm (3) Package: lte Raised on class: lte.CBCardSpecifics	Severity: minor Specific problem: CB TRANS RX LOS CPRIPORT 8 (221) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: No CPRI signal is received at this CPRI port.		
Impact: No impact on eNodeB.		
Remedial action: Check the CPRI cable and connections, replace the SFP (RFM or CB end), verify the RFM is operating.		

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Table 28-242 IK4004186 - CB TRANS RX LOS CPRI PORT 9

Alarm	Attributes	Applicable major releases
Name: IK4004186 (4646) Type: equipmentAlarm (3) Package: Ite Raised on class: Ite.CBCardSpecifics	Severity: minor Specific problem: CB TRANS RX LOS CPRI PORT 9 (222) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: No CPRI signal is received at this CPRI port.		
Impact: No impact on eNodeB.		
Remedial action: Check the CPRI cable and connections, replace the SFP (RFM or CB end), verify the RFM is operating.		

Table 28-243 IK4004190 - CB SDI CPRI PORT 7

Alarm	Attributes	Applicable major releases
Name: IK4004190 (4647) Type: equipmentAlarm (3) Package: Ite Raised on class: Ite.CBCardSpecifics	Severity: minor Specific problem: CB SDI CPRI PORT 7 (223) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This alarm indicates one or more data channels on this CPRI have failed.		
Impact: Cell operation may be degraded.		
Remedial action: Reset the RFM connected to this CPRI port.		

Table 28-244 IK4004191 - CB SDI CPRI PORT 8

Alarm	Attributes	Applicable major releases
Name: IK4004191 (4648) Type: equipmentAlarm (3) Package: Ite Raised on class: Ite.CBCardSpecifics	Severity: minor Specific problem: CB SDI CPRI PORT 8 (224) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This alarm indicates one or more data channels on this CPRI have failed.		
Impact: Cell operation may be degraded.		
Remedial action: Reset the RFM connected to this CPRI port.		

Table 28-245 IK4004192 - CB SDI CPRIPORT 9

Alarm	Attributes	Applicable major releases
Name: IK4004192 (4649) Type: equipmentAlarm (3) Package: Ite Raised on class: Ite.CBCardSpecifics	Severity: minor Specific problem: CB SDI CPRIPORT 9 (225) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This alarm indicates one or more data channels on this CPRI have failed.		
Impact: Cell operation may be degraded.		
Remedial action: Reset the RFM connected to this CPRI port.		

Table 28-246 IK4004193 - CB SFP INCOMPATIBILITY CPRIPORT 5

Alarm	Attributes	Applicable major releases
Name: IK4004193 (5208) Type: equipmentAlarm (3) Package: Ite Raised on class: Ite.CBCardSpecifics	Severity: warning Specific problem: CB SFP INCOMPATIBILITY CPRIPORT 5 (226) Implicitly cleared: true Default probable cause: configurationOrCustomizationError (902)	<ul style="list-style-type: none"> • LR14.1.L • LR14.3.L
Description: This alarm indicates that the equipped SFP doesn't allow to achieve the maximum CPRI rate allowed by SW.		
Impact: It is likely that the cell configuration can not be supported due to this SFP HW restriction.		
Remedial action: The operator may update the SFP on the BBU.		

Table 28-247 IK4004194 - CB SFP INCOMPATIBILITY CPRIPORT 6

Alarm	Attributes	Applicable major releases
Name: IK4004194 (5209) Type: equipmentAlarm (3) Package: Ite Raised on class: Ite.CBCardSpecifics	Severity: warning Specific problem: CB SFP INCOMPATIBILITY CPRIPORT 6 (227) Implicitly cleared: true Default probable cause: configurationOrCustomizationError (902)	<ul style="list-style-type: none"> • LR14.1.L • LR14.3.L
Description: This alarm indicates that the equipped SFP doesn't allow to achieve the maximum CPRI rate allowed by SW.		
Impact: It is likely that the cell configuration can not be supported due to this SFP HW restriction.		
Remedial action: The operator may update the SFP on the BBU.		

Table 28-248 IK4004195 - CB SFP INCOMPATIBILITY CPRI PORT 7

Alarm	Attributes	Applicable major releases
Name: IK4004195 (5210) Type: equipmentAlarm (3) Package: lte Raised on class: lte.CBCardSpecifics	Severity: warning Specific problem: CB SFP INCOMPATIBILITY CPRI PORT 7 (228) Implicitly cleared: true Default probable cause: configurationOrCustomizationError (902)	<ul style="list-style-type: none"> • LR14.1.L • LR14.3.L
Description: This alarm indicates that the equipped SFP doesn't allow to achieve the maximum CPRI rate allowed by SW.		
Impact: It is likely that the cell configuration can not be supported due to this SFP HW restriction.		
Remedial action: The operator may update the SFP on the BBU.		

Table 28-249 IK4004196 - CB SFP INCOMPATIBILITY CPRI PORT 8

Alarm	Attributes	Applicable major releases
Name: IK4004196 (5211) Type: equipmentAlarm (3) Package: lte Raised on class: lte.CBCardSpecifics	Severity: warning Specific problem: CB SFP INCOMPATIBILITY CPRI PORT 8 (229) Implicitly cleared: true Default probable cause: configurationOrCustomizationError (902)	<ul style="list-style-type: none"> • LR14.1.L • LR14.3.L
Description: This alarm indicates that the equipped SFP doesn't allow to achieve the maximum CPRI rate allowed by SW.		
Impact: It is likely that the cell configuration can not be supported due to this SFP HW restriction.		
Remedial action: The operator may update the SFP on the BBU.		

Table 28-250 IK4004197 - CB SFP INCOMPATIBILITY CPRI PORT 9

Alarm	Attributes	Applicable major releases
Name: IK4004197 (5212) Type: equipmentAlarm (3) Package: lte Raised on class: lte.CBCardSpecifics	Severity: warning Specific problem: CB SFP INCOMPATIBILITY CPRI PORT 9 (230) Implicitly cleared: true Default probable cause: configurationOrCustomizationError (902)	<ul style="list-style-type: none"> • LR14.1.L • LR14.3.L
Description: This alarm indicates that the equipped SFP doesn't allow to achieve the maximum CPRI rate allowed by SW.		
Impact: It is likely that the cell configuration can not be supported due to this SFP HW restriction.		
Remedial action: The operator may update the SFP on the BBU.		

Table 28-251 IK4004198 - GNSS FIRMWARE UPGRADE MISMATCH

Alarm	Attributes	Applicable major releases
Name: IK4004198 (7967) Type: equipmentAlarm (3) Package: Ite Raised on class: Ite.CBCardSpecifics	Severity: critical Specific problem: GNSS FIRMWARE UPGRADE MISMATCH (1875) Implicitly cleared: true Default probable cause: versionMismatch (405)	<ul style="list-style-type: none"> LR14.3.L
Description: The GNSS firmware is incompatible with the GNSS receiver component.		
Impact: GNSS receiver cannot be programmed. Therefore satellite based synchronization cannot be supported.		
Remedial action: Check the GNSS type and ensure firmware to be downloaded is compatible with GNSS component vendor and part..		

Table 28-252 IK4004199 - GNSS FIRMWARE UPGRADE FAILURE

Alarm	Attributes	Applicable major releases
Name: IK4004199 (7968) Type: equipmentAlarm (3) Package: Ite Raised on class: Ite.CBCardSpecifics	Severity: critical Specific problem: GNSS FIRMWARE UPGRADE FAILURE (1876) Implicitly cleared: true Default probable cause: versionMismatch (405)	<ul style="list-style-type: none"> LR14.3.L
Description: The GNSS firmware fails to be successfully loaded to the GNSS receiver component		
Impact: GNSS receiver cannot be programmed. Therefore satellite based synchronization cannot be supported.		
Remedial action: Check the GNSS type and ensure firmware to be downloaded is compatible with GNSS component..		

Table 28-253 IK4004200 - CB INIT GPS SELF SURVEY INPROGRESS

Alarm	Attributes	Applicable major releases
Name: IK4004200 (7969) Type: equipmentAlarm (3) Package: Ite Raised on class: Ite.CBCardSpecifics	Severity: variable Specific problem: CB INIT GPS SELF SURVEY INPROGRESS (198) Implicitly cleared: true Default probable cause: unknown (1097)	<ul style="list-style-type: none"> LR14.3.L
Description: This event indicates that the eNB has started a high accuracy GPS survey for OTDOA, which normally takes 10 hours to complete.		
Impact: No impact on eNodeB.		
Remedial action: No action is required.		

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Table 28-254 IK4004201 - CB INIT GPS SELF SURVEY FAILURE

Alarm	Attributes	Applicable major releases
Name: IK4004201 (7970) Type: equipmentAlarm (3) Package: Ite Raised on class: Ite.CBCardSpecifics	Severity: warning Specific problem: CB INIT GPS SELF SURVEY FAILURE (1877) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> LR14.3.L
Description: This alarm indicates a high accuracy GPS survey has not been successfully completed after 24 hours.		
Impact: Quality of GPS timing source is too low to support OTDOA geolocation.		
Remedial action: Check GPS performance. Ensure good GPS receiver and GPS antenna is installed per Alcatel-Lucent guidelines and located to have a full sky visibility with no local interference or multipath, then power cycle the controller to restart survey. If GPS reception can't be improved then disable OTDOA (isGeoLocPhaseSyncAllowed="False), which will clear the alarm."		

Table 28-255 IK4005001 - DBU INITIALIZATION FAILURE

Alarm	Attributes	Applicable major releases
Name: IK4005001 (2300) Type: equipmentAlarm (3) Package: Ite Raised on class: Ite.ENBShelfSpecifics	Severity: critical Specific problem: DBU INITIALIZATION FAILURE (231) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> LR13.3 LR14.1.L LR14.3.L
Description: This alarm indicates the failure to initialize the associated resources.		
Impact: The LTE service is affected.		
Remedial action: Reset CB using the remote connection to NEM. Check BIST result. If the alarm persists, replace the CB.		

Table 28-256 IK4005002 - RECTIFIER FAILURE

Alarm	Attributes	Applicable major releases
Name: IK4005002 (2301) Type: equipmentAlarm (3) Package: Ite Raised on class: Ite.ENBShelfSpecifics	Severity: major Specific problem: RECTIFIER FAILURE (232) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> LR14.1.L LR14.3.L
Description: This alarm indicates that the rectifier has failed.		
Impact: Rectifier redundancy is no more available		
Remedial action: Check rectifier for root cause and either replace rectifier or repair if possible.		

Table 28-257 IK4005003 - DBU MEMORY ACCESS FAILURE

Alarm	Attributes	Applicable major releases
Name: IK4005003 (2302) Type: equipmentAlarm (3) Package: lte Raised on class: lte.ENBShelfSpecifics	Severity: major Specific problem: DBU MEMORY ACCESS FAILURE (233) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This alarm indicates the failure to access the EEPROM on the eNodeB.		
Impact: The LTE service is affected.		
Remedial action: Call the next level of support.		

Table 28-258 IK4005004 - DBU UNREADABLE MANUFACTURER DATA

Alarm	Attributes	Applicable major releases
Name: IK4005004 (2303) Type: equipmentAlarm (3) Package: lte Raised on class: lte.ENBShelfSpecifics	Severity: major Specific problem: DBU UNREADABLE MANUFACTURER DATA (234) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This alarm indicates the failure to read the manufacturer data.		
Impact: The LTE service is not possible.		
Remedial action: Call the next level of support.		

Table 28-259 IK4005005 - BATTERY FAILURE

Alarm	Attributes	Applicable major releases
Name: IK4005005 (5213) Type: equipmentAlarm (3) Package: lte Raised on class: lte.ENBShelfSpecifics	Severity: major Specific problem: BATTERY FAILURE (235) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR14.1.L • LR14.3.L
Description: This alarm indicates a Battery failure (high temperature, voltage imbalance)		
Impact: Batteries have degraded or failed. ENB may shut down if battery power is needed.		
Remedial action: Replace batteries.		

Table 28-260 IK4005006 - POWER CONTROL BOARD FAILURE

Alarm	Attributes	Applicable major releases
Name: IK4005006 (2304) Type: equipmentAlarm (3) Package: Ite Raised on class: Ite.ENBShelfSpecifics	Severity: major Specific problem: POWER CONTROL BOARD FAILURE (236) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR14.1.L • LR14.3.L
Description: This alarm indicates that AC/DC power system control board is in failure		
Impact: AC/DC power system functioning is degraded. Alarm monitoring of power system may be degraded.		
Remedial action: Check power system control module. Replace power system control module.		

Table 28-261 IK4005007 - AC CIRCUIT BREAKER

Alarm	Attributes	Applicable major releases
Name: IK4005007 (2305) Type: equipmentAlarm (3) Package: Ite Raised on class: Ite.ENBShelfSpecifics	Severity: major Specific problem: AC CIRCUIT BREAKER (237) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR14.1.L • LR14.3.L
Description: This alarm indicates that one or several AC breakers have tripped. May be associated to AC Main alarm.		
Impact: eNB may shut down		
Remedial action: Visit basestation and check AC main supply.		

Table 28-262 IK4005008 - DBU INDETERMINATE OPERATIONAL FAILURE

Alarm	Attributes	Applicable major releases
Name: IK4005008 (2306) Type: equipmentAlarm (3) Package: Ite Raised on class: Ite.ENBShelfSpecifics	Severity: critical Specific problem: DBU INDETERMINATE OPERATIONAL FAILURE (238) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR14.1.L • LR14.3.L
Description: This alarm indicates that a failure of the shelf hardware has been detected that cannot be described by any specific alarm.		
Impact: Impact will depend on the affected unit. A fan failure may lead to overheating, an alarm module failure may hide existing alarms.		
Remedial action: Inspect the shelf hardware (fan unit, power converter unit, etc.), replace any faulty unit.		

Table 28-263 IK4005009 - FRESH AIR FILTER 1 FAILURE

Alarm	Attributes	Applicable major releases
Name: IK4005009 (2307) Type: equipmentAlarm (3) Package: Ite Raised on class: Ite.ENBShelfSpecifics	Severity: minor Specific problem: FRESH AIR FILTER 1 FAILURE (239) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR14.1.L • LR14.3.L
Description: This alarm indicates that Fresh air filter 1 is clogged		
Impact: Fresh Air flow reduced		
Remedial action: Replace filter.		

Table 28-264 IK4005010 - FRESH AIR FILTER 2 FAILURE

Alarm	Attributes	Applicable major releases
Name: IK4005010 (2308) Type: equipmentAlarm (3) Package: Ite Raised on class: Ite.ENBShelfSpecifics	Severity: minor Specific problem: FRESH AIR FILTER 2 FAILURE (240) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR14.1.L • LR14.3.L
Description: This alarm indicates that Fresh air filter 2 is clogged.		
Impact: Fresh Air flow reduced		
Remedial action: Replace filter.		

Table 28-265 IK4005038 - DBU AC MAJOR

Alarm	Attributes	Applicable major releases
Name: IK4005038 (2336) Type: equipmentAlarm (3) Package: Ite Raised on class: Ite.ENBShelfSpecifics	Severity: major Specific problem: DBU AC MAJOR (241) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This alarm indicates the failure of multiple rectifier components.		
Impact: No impact on eNodeB.		
Remedial action: Replace the failed rectifier component.		

Table 28-266 IK4005039 - DBU AC MINOR

Alarm	Attributes	Applicable major releases
Name: IK4005039 (2337) Type: equipmentAlarm (3) Package: Ite Raised on class: Ite.ENBShelfSpecifics	Severity: minor Specific problem: DBU AC MINOR (242) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This alarm indicates a minor failure in the DC rectifier unit.		
Impact: No impact on eNodeB.		
Remedial action: Replace the failed fan or the rectifier component.		

Table 28-267 IK4005040 - DBU AC INPUT OUT OF SPEC

Alarm	Attributes	Applicable major releases
Name: IK4005040 (2338) Type: equipmentAlarm (3) Package: Ite Raised on class: Ite.ENBShelfSpecifics	Severity: major Specific problem: DBU AC INPUT OUT OF SPEC (243) Implicitly cleared: true Default probable cause: powerProblem (911)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This alarm indicates that the AC input voltage to the rectifiers is too high or too low.		
Impact: No impact on eNodeB.		
Remedial action: Verify and correct the AC power supply to the rectifiers.		

Table 28-268 IK4005041 - DBU AC BATTERY CHARGING FAILURE

Alarm	Attributes	Applicable major releases
Name: IK4005041 (2339) Type: equipmentAlarm (3) Package: Ite Raised on class: Ite.ENBShelfSpecifics	Severity: major Specific problem: DBU AC BATTERY CHARGING FAILURE (244) Implicitly cleared: true Default probable cause: powerProblem (911)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This alarm indicates that the eNodeB is operating on the battery power.		
Impact: The eNodeB is not operational due to the drained batteries.		
Remedial action: Verify and correct the AC power supply to the rectifiers. If the alarm persists, check and replace any failed rectifier components.		

Table 28-269 IK4005042 - DBU FAN ALARM

Alarm	Attributes	Applicable major releases
Name: IK4005042 (2340) Type: equipmentAlarm (3) Package: Ite Raised on class: Ite.ENBShelfSpecifics	Severity: major Specific problem: DBU FAN ALARM (245) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This alarm indicates the baseband cabinet fan failure.		
Impact: The baseband cabinet components may fail due to overheating.		
Remedial action: Replace the baseband cabinet fan.		

Table 28-270 IK4005043 - DBU DOOR ALARM

Alarm	Attributes	Applicable major releases
Name: IK4005043 (2341) Type: environmentalAlarm (2) Package: Ite Raised on class: Ite.ENBShelfSpecifics	Severity: minor Specific problem: DBU DOOR ALARM (246) Implicitly cleared: true Default probable cause: enclosureDoorOpen (900)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This alarm indicates that the eNodeB door is open.		
Impact: The eNodeB equipment is accessible and easily tampered. No immediate impact on call processing.		
Remedial action: Close the cabinet door.		

Table 28-271 IK4005044 - DBU OVER TEMP

Alarm	Attributes	Applicable major releases
Name: IK4005044 (2342) Type: environmentalAlarm (2) Package: Ite Raised on class: Ite.ENBShelfSpecifics	Severity: major Specific problem: DBU OVER TEMP (247) Implicitly cleared: true Default probable cause: heatingOrVentilationOrCoolingSystemProblem (701)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This alarm indicates that the baseband cabinet temperature is above the safe operating threshold.		
Impact: The eNodeB components may fail due to overheating.		
Remedial action: Check the cabinet for proper functioning fans and unclogged air filters. Check if the ambient temperature is within the recommended operating range.		

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Table 28-272 IK4005045 - DBU UNDER TEMP

Alarm	Attributes	Applicable major releases
Name: IK4005045 (2343) Type: environmentalAlarm (2) Package: Ite Raised on class: Ite.ENBShelfSpecifics	Severity: major Specific problem: DBU UNDER TEMP (248) Implicitly cleared: true Default probable cause: heatingOrVentilationOrCoolingSystemProblem (701)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This alarm indicates that the baseband cabinet temperature is below the safe operating threshold.		
Impact: The eNodeB components may fail due to low temperature.		
Remedial action: Check if the ambient temperature is within the recommended operating range.		

Table 28-273 IK4005046 - DBU FAF

Alarm	Attributes	Applicable major releases
Name: IK4005046 (2344) Type: equipmentAlarm (3) Package: Ite Raised on class: Ite.ENBShelfSpecifics	Severity: minor Specific problem: DBU FAF (249) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This alarm indicates that the baseband cabinet filter airflow is reduced by excessive dirt.		
Impact: The eNodeB components may fail due to overheating.		
Remedial action: Replace the fresh air filter.		

Table 28-274 IK4005047 - DBU AUX EQUIP

Alarm	Attributes	Applicable major releases
Name: IK4005047 (2345) Type: communicationsAlarm (4) Package: Ite Raised on class: Ite.ENBShelfSpecifics	Severity: major Specific problem: DBU AUX EQUIP (250) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This alarm indicates an error in the auxiliary telecom equipment in the eNodeB.		
Impact: The eNodeB external communication fails or is degraded.		
Remedial action: Check the auxiliary telecom equipment.		

Table 28-275 IK4005051 - DBU BACKPLANE TYPE NOT SUPPORTED

Alarm	Attributes	Applicable major releases
Name: IK4005051 (2349) Type: equipmentAlarm (3) Package: Ite Raised on class: Ite.ENBShelfSpecifics	Severity: critical Specific problem: DBU BACKPLANE TYPE NOT SUPPORTED (253) Implicitly cleared: true Default probable cause: configurationOrCustomizationError (902)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This alarm indicates that the backplane type is not supported.		
Impact: The module is not usable. The LTE cells associated with this module are not operational.		
Remedial action: Proceed with a software upgrade.		

Table 28-276 IK4005052 - DBU RUC FAN FAULT MAJOR

Alarm	Attributes	Applicable major releases
Name: IK4005052 (2350) Type: equipmentAlarm (3) Package: Ite Raised on class: Ite.ENBShelfSpecifics	Severity: major Specific problem: DBU RUC FAN FAULT MAJOR (254) Implicitly cleared: true Default probable cause: heatingOrVentilationOrCoolingSystemProblem (701)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This alarm indicates that the fan assemblies cooling capacity has been degraded.		
Impact: No impact on eNodeB.		
Remedial action: Check the fan.		

Table 28-277 IK4005053 - DBU RUC FAN FAULT CRITICAL

Alarm	Attributes	Applicable major releases
Name: IK4005053 (2351) Type: equipmentAlarm (3) Package: Ite Raised on class: Ite.ENBShelfSpecifics	Severity: critical Specific problem: DBU RUC FAN FAULT CRITICAL (255) Implicitly cleared: true Default probable cause: heatingOrVentilationOrCoolingSystemProblem (701)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This alarm indicates that the fan assemblies is not functioning.		
Impact: The module is not usable. The LTE cells associated with this module are not operational.		
Remedial action: HW autonomously powers down the system.		

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Table 28-278 IK4005054 - DBU WRONG FAN ASSEMBLY

Alarm	Attributes	Applicable major releases
Name: IK4005054 (2352) Type: equipmentAlarm (3) Package: Ite Raised on class: Ite.ENBShelfSpecifics	Severity: major Specific problem: DBU WRONG FAN ASSEMBLY (256) Implicitly cleared: true Default probable cause: heatingOrVentilationOrCoolingSystemProblem (701)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This alarm indicates a wrong flow RUC, specifically a normal-flow RUC being present when a high-flow RUC is needed.		
Impact: No impact on eNodeB.		
Remedial action: Call the next level of support.		

Table 28-279 IK4005055 - DBU HEAT EXCHANGER

Alarm	Attributes	Applicable major releases
Name: IK4005055 (2999) Type: equipmentAlarm (3) Package: Ite Raised on class: Ite.ENBShelfSpecifics	Severity: minor Specific problem: DBU HEAT EXCHANGER (257) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This alarm indicates that the cabinet heat exchanger has failed		
Impact: The eNodeB components may fail due to overheating.		
Remedial action: Replace the heat exchanger.		

Table 28-280 IK4005058 - DBU FAULT 3

Alarm	Attributes	Applicable major releases
Name: IK4005058 (3002) Type: equipmentAlarm (3) Package: Ite Raised on class: Ite.ENBShelfSpecifics	Severity: minor Specific problem: DBU FAULT 3 (260) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: Provisioned for late churn-in. Unspecified DBU fault detected		
Impact: Check the additional info for impact details.		
Remedial action: Check the additional information for maintenance action details.		

Table 28-281 IK4005059 - DBU FAULT 4

Alarm	Attributes	Applicable major releases
Name: IK4005059 (3003) Type: equipmentAlarm (3) Package: Ite Raised on class: Ite.ENBShelfSpecifics	Severity: minor Specific problem: DBU FAULT 4 (261) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: Provisioned for late churn-in. Unspecified DBU fault detected		
Impact: Check the additional info for impact details.		
Remedial action: Check the additional information for maintenance action details.		

Table 28-282 IK4005060 - DBU FAULT 5

Alarm	Attributes	Applicable major releases
Name: IK4005060 (3004) Type: equipmentAlarm (3) Package: Ite Raised on class: Ite.ENBShelfSpecifics	Severity: minor Specific problem: DBU FAULT 5 (262) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: Provisioned for late churn-in. Unspecified DBU fault detected		
Impact: Check the additional info for impact details.		
Remedial action: Check the additional information for maintenance action details.		

Table 28-283 IK4005067 - DBU INDETERMINATE OPERATIONAL FAILURE

Alarm	Attributes	Applicable major releases
Name: IK4005067 (3756) Type: equipmentAlarm (3) Package: Ite Raised on class: Ite.ENBShelfSpecifics	Severity: critical Specific problem: DBU INDETERMINATE OPERATIONAL FAILURE (238) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR13.3
Description: This alarm indicates that a failure of the shelf hardware has been detected that cannot be described by any specific alarm.		
Impact: Impact will depend on the affected unit. A fan failure may lead to overheating, an alarm module failure may hide existing alarms.		
Remedial action: Inspect the shelf hardware (fan unit, power converter unit, etc.), replace any faulty unit.		

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Table 28-284 IK4005068 - FRESH AIR FILTER 1 FAILURE

Alarm	Attributes	Applicable major releases
Name: IK4005068 (3757) Type: equipmentAlarm (3) Package: Ite Raised on class: Ite.ENBShelfSpecifics	Severity: minor Specific problem: FRESH AIR FILTER 1 FAILURE (239) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> LR13.3
Description: This alarm indicates that Fresh air filter 1 is clogged		
Impact: Fresh Air flow reduced		
Remedial action: Replace filter.		

Table 28-285 IK4005069 - FRESH AIR FILTER 2 FAILURE

Alarm	Attributes	Applicable major releases
Name: IK4005069 (3758) Type: equipmentAlarm (3) Package: Ite Raised on class: Ite.ENBShelfSpecifics	Severity: minor Specific problem: FRESH AIR FILTER 2 FAILURE (240) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> LR13.3
Description: This alarm indicates that Fresh air filter 2 is clogged.		
Impact: Fresh Air flow reduced		
Remedial action: Replace filter.		

Table 28-286 IK4005070 - TRDU FAN FAILURE

Alarm	Attributes	Applicable major releases
Name: IK4005070 (3759) Type: equipmentAlarm (3) Package: Ite Raised on class: Ite.ENBShelfSpecifics	Severity: major Specific problem: TRDU FAN FAILURE (266) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> LR13.3 LR14.1.L LR14.3.L
Description: This alarm indicates that the TRDU fan has failed.		
Impact: TRDU may over heat		
Remedial action: Replace the fan.		

Table 28-287 IK4005071 - RECTIFIER FAILURE

Alarm	Attributes	Applicable major releases
Name: IK4005071 (3760) Type: equipmentAlarm (3) Package: lte Raised on class: lte.ENBShelfSpecifics	Severity: major Specific problem: RECTIFIER FAILURE (232) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> LR13.3
Description: This alarm indicates that the rectifier has failed.		
Impact: Rectifier redundancy is no more available		
Remedial action: Check rectifier for root cause and either replace rectifier or repair if possible.		

Table 28-288 IK4005072 - BATTERY FAILURE

Alarm	Attributes	Applicable major releases
Name: IK4005072 (3761) Type: equipmentAlarm (3) Package: lte Raised on class: lte.ENBShelfSpecifics	Severity: major Specific problem: BATTERY FAILURE (235) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> LR13.3
Description: This alarm indicates a Battery failure (high temperature, voltage imbalance)		
Impact: Batteries have degraded or failed. ENB may shut down if battery power is needed.		
Remedial action: Replace batteries.		

Table 28-289 IK4005073 - SMOKE DETECTOR

Alarm	Attributes	Applicable major releases
Name: IK4005073 (3762) Type: equipmentAlarm (3) Package: lte Raised on class: lte.ENBShelfSpecifics	Severity: major Specific problem: SMOKE DETECTOR (267) Implicitly cleared: true Default probable cause: unspecifiedReason (802)	<ul style="list-style-type: none"> LR13.3 LR14.1.L LR14.3.L
Description: This alarm indicates that the alarm is linked to an optional smoke detector inside cabinet.		
Impact: May damage eNB.		
Remedial action: Visit basestation to determine cause. Note: Reset the smoke detector.		

Table 28-290 IK4005074 - WATER DETECTOR

Alarm	Attributes	Applicable major releases
Name: IK4005074 (3763) Type: equipmentAlarm (3) Package: Ite Raised on class: Ite.ENBShelfSpecifics	Severity: major Specific problem: WATER DETECTOR (268) Implicitly cleared: true Default probable cause: floodDetected (1482)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This alarm indicates that the alarm is linked to a water ingress detector inside cabinet.		
Impact: Damage to eNB		
Remedial action: Visit basestation to determine cause. Note: Reset the water detector.		

Table 28-291 IK4005075 - MISSING LINK ERROR

Alarm	Attributes	Applicable major releases
Name: IK4005075 (3764) Type: equipmentAlarm (3) Package: Ite Raised on class: Ite.ENBShelfSpecifics	Severity: minor Specific problem: MISSING LINK ERROR (269) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This alarm indicates the Battery thermal probe disconnection of battery thermal probe failure.		
Impact: Batteries may overheat		
Remedial action: Visit basestation to determine cause repair as needed. Note: Once the fault is corrected the alarm should clear.		

Table 28-292 IK4005076 - POWER CONTROL BOARD FAILURE

Alarm	Attributes	Applicable major releases
Name: IK4005076 (3765) Type: equipmentAlarm (3) Package: Ite Raised on class: Ite.ENBShelfSpecifics	Severity: major Specific problem: POWER CONTROL BOARD FAILURE (236) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR13.3
Description: This alarm indicates that AC/DC power system control board is in failure		
Impact: AC/DC power system functioning is degraded. Alarm monitoring of power system may be degraded.		
Remedial action: Check power system control module. Replace power system control module.		

Table 28-293 IK4005077 - BATTERY NOT DETECTED

Alarm	Attributes	Applicable major releases
Name: IK4005077 (3766) Type: equipmentAlarm (3) Package: lte Raised on class: lte.ENBShelfSpecifics	Severity: major Specific problem: BATTERY NOT DETECTED (270) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This alarm indicates that the DC breaker protecting the battery has tripped OFF.		
Impact: DC supply may be interrupted		
Remedial action: Visit basestation and check input to the battery.		

Table 28-294 IK4005078 - AC CIRCUIT BREAKER

Alarm	Attributes	Applicable major releases
Name: IK4005078 (3767) Type: equipmentAlarm (3) Package: lte Raised on class: lte.ENBShelfSpecifics	Severity: major Specific problem: AC CIRCUIT BREAKER (237) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR13.3
Description: This alarm indicates that one or several AC breakers have tripped. May be associated to AC Main alarm.		
Impact: eNB may shut down		
Remedial action: Visit basestation and check AC main supply.		

Table 28-295 IK4005079 - LOW VOLTAGE DETECTION

Alarm	Attributes	Applicable major releases
Name: IK4005079 (3768) Type: equipmentAlarm (3) Package: lte Raised on class: lte.ENBShelfSpecifics	Severity: warning Specific problem: LOW VOLTAGE DETECTION (271) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This alarm indicates the Batteries are nearly totally discharged, the power system will soon stop.		
Impact: Power system will be stopped		
Remedial action: Visit basestation and determine battery failure.		

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Table 28-296 IK4005080 - BATTERY MAJOR

Alarm	Attributes	Applicable major releases
Name: IK4005080 (3769) Type: equipmentAlarm (3) Package: Ite Raised on class: Ite.ENBShelfSpecifics	Severity: major Specific problem: BATTERY MAJOR (272) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This alarm indicates that the batteries have reached the end of life and must be replaced.		
Impact: Power system will be stopped		
Remedial action: Replace batteries.		

Table 28-297 IK4005081 - RECTIFIER FAILURE MAJOR

Alarm	Attributes	Applicable major releases
Name: IK4005081 (3986) Type: equipmentAlarm (3) Package: Ite Raised on class: Ite.ENBShelfSpecifics	Severity: major Specific problem: RECTIFIER FAILURE MAJOR (273) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This alarm indicates that more than one rectifier has failed.		
Impact: Possible total node B shutdown depending of traffic load.		
Remedial action: Check rectifier for root cause and either replace rectifier or repair if possible.		

Table 28-298 IK4005082 - AC SURGE PROTECTOR FAULT

Alarm	Attributes	Applicable major releases
Name: IK4005082 (3987) Type: equipmentAlarm (3) Package: Ite Raised on class: Ite.ENBShelfSpecifics	Severity: minor Specific problem: AC SURGE PROTECTOR FAULT (274) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This alarm indicates that the AC lightning protector is failed.		
Impact: No impact on service. The surge protection is inactive.		
Remedial action: Check for root cause and either replace surge protector or repair if possible.		

Table 28-299 IK4005083 - DBU UNREADABLE MANUFACTURER DATA ATTACHED HW

Alarm	Attributes	Applicable major releases
Name: IK4005083 (3988) Type: equipmentAlarm (3) Package: Ite Raised on class: Ite.ENBShelfSpecifics	Severity: minor Specific problem: DBU UNREADABLE MANUFACTURER DATA ATTACHED HW (263) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This alarm indicates the failure to read the manufacturer data of an attached HW (e.g. eAM or FAN)		
Impact: The LTE service is affected.		
Remedial action: Reset the CB. Check the cable between controller and RUC. Call next level of support, replace RUC unit		

Table 28-300 IK4005084 - DBU FAULT 1

Alarm	Attributes	Applicable major releases
Name: IK4005084 (4650) Type: equipmentAlarm (3) Package: Ite Raised on class: Ite.ENBShelfSpecifics	Severity: minor Specific problem: DBU FAULT 1 (258) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: Provisioned for late churn-in. Unspecified DBU fault detected		
Impact: Check the additional information for impact details.		
Remedial action: Check the additional information for maintenance action details.		

Table 28-301 IK4005085 - DBU FAULT 2

Alarm	Attributes	Applicable major releases
Name: IK4005085 (4651) Type: equipmentAlarm (3) Package: Ite Raised on class: Ite.ENBShelfSpecifics	Severity: minor Specific problem: DBU FAULT 2 (259) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: Provisioned for late churn-in. Unspecified DBU fault detected		
Impact: Check the additional information for impact details.		
Remedial action: Check the additional information for maintenance action details.		

Table 28-302 IK4005086 - SINGLE RECTIFIER FAILURE

Alarm	Attributes	Applicable major releases
Name: IK4005086 (4652) Type: equipmentAlarm (3) Package: Ite Raised on class: Ite.ENBShelfSpecifics	Severity: minor Specific problem: SINGLE RECTIFIER FAILURE (275) Implicitly cleared: true Default probable cause: powerProblem (911)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This alarm indicates that one rectifier within the DC rectifier equipment has failed.		
Impact: Available DC power may be reduced depending on number of redundant rectifiers.		
Remedial action: Replace the failed rectifier.		

Table 28-303 IK4006001 - RFM SELF TEST CRITICAL FAIL

Alarm	Attributes	Applicable major releases
Name: IK4006001 (2353) Type: equipmentAlarm (3) Package: Ite Raised on class: Ite.RFM	Severity: critical Specific problem: RFM SELF TEST CRITICAL FAIL (276) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR14.1.L • LR14.3.L
Description: This alarm indicates that the power-on self test detected a critical failure on the RFM. The alarm is cleared when the RFM is reset.		
Impact: The module is not usable. The LTE cells associated with this module are not operational.		
Remedial action: Reset the RFM. If the alarm persists, replace RFM.		

Table 28-304 IK4006002 - RFM TXPORT1 OVERCURRENT

Alarm	Attributes	Applicable major releases
Name: IK4006002 (2354) Type: equipmentAlarm (3) Package: Ite Raised on class: Ite.RFM	Severity: major Specific problem: RFM TXPORT1 OVERCURRENT (277) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR14.1.L • LR14.3.L
Description: This alarm indicates that the DC-Bias Current for AISG Devices was exceeded on Tx Port 1		
Impact: Check the additional info for impact details.		
Remedial action: Check For AISG device in critical alarm or failure mode.		

Table 28-305 IK4006003 - RFM OPERATION PROCESSING FAILURE

Alarm	Attributes	Applicable major releases
Name: IK4006003 (2355) Type: processingErrorAlarm (81) Package: Ite Raised on class: Ite.RFM	Severity: critical Specific problem: RFM OPERATION PROCESSING FAILURE (278) Implicitly cleared: true Default probable cause: softwareProgramError (720)	<ul style="list-style-type: none"> • LR14.1.L • LR14.3.L
Description: This alarm indicates the fault in the RFM software processing.		
Impact: The module is not usable. The LTE cells associated with this module are not operational.		
Remedial action: Reset the RFM. If the problem persists, contact the next level support.		

Table 28-306 IK4006004 - RFM SFP INCOMPATIBILITY CPRIPORT 1

Alarm	Attributes	Applicable major releases
Name: IK4006004 (2356) Type: equipmentAlarm (3) Package: Ite Raised on class: Ite.RFM	Severity: warning Specific problem: RFM SFP INCOMPATIBILITY CPRIPORT 1 (279) Implicitly cleared: true Default probable cause: configurationOrCustomizationError (902)	<ul style="list-style-type: none"> • LR14.1.L • LR14.3.L
Description: This alarm indicates that the equipped SFP on the RFM doesn't allow to achieve the maximum CPRI rate allowed by SW.		
Impact: It is likely that the cell configuration can not be supported due to this RFM SFP HW restriction.		
Remedial action: The operator may update the SFP on the RFM.		

Table 28-307 IK4006005 - RFM SFP INCOMPATIBILITY CPRIPORT 2

Alarm	Attributes	Applicable major releases
Name: IK4006005 (2357) Type: equipmentAlarm (3) Package: Ite Raised on class: Ite.RFM	Severity: warning Specific problem: RFM SFP INCOMPATIBILITY CPRIPORT 2 (280) Implicitly cleared: true Default probable cause: configurationOrCustomizationError (902)	<ul style="list-style-type: none"> • LR14.1.L • LR14.3.L
Description: This alarm indicates that the equipped SFP on the RFM doesn't allow to achieve the maximum CPRI rate allowed by SW.		
Impact: It is likely that the cell configuration can not be supported due to this RFM SFP HW restriction.		
Remedial action: The operator may update the SFP on the RFM.		

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Table 28-308 IK4006006 - RFM COMM FAIL

Alarm	Attributes	Applicable major releases
Name: IK4006006 (2358) Type: communicationsAlarm (4) Package: lte Raised on class: lte.RFM	Severity: critical Specific problem: RFM COMM FAIL (281) Implicitly cleared: true Default probable cause: communicationsProtocolError (901)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This alarm indicates that no management messages are received in the past 30 seconds, or no active C and M TCP connection.		
Impact: The module is not usable. The LTE cells associated with this module are not operational.		
Remedial action: Check the RFM, Fiber, and SFPs. Reset the CB.		

Table 28-309 IK4006007 - RFM UNDER TEMP

Alarm	Attributes	Applicable major releases
Name: IK4006007 (2359) Type: environmentalAlarm (2) Package: lte Raised on class: lte.RFM	Severity: minor Specific problem: RFM UNDER TEMP (282) Implicitly cleared: true Default probable cause: heatingOrVentilationOrCoolingSystemProblem (701)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This alarm indicates that the RFM is below the operating temperature, but is capable of transmitting.		
Impact: No impact on eNodeB.		
Remedial action: No action is required.		

Table 28-310 IK4006008 - RFM WARM UP

Alarm	Attributes	Applicable major releases
Name: IK4006008 (2360) Type: environmentalAlarm (2) Package: lte Raised on class: lte.RFM	Severity: critical Specific problem: RFM WARM UP (283) Implicitly cleared: true Default probable cause: heatingOrVentilationOrCoolingSystemProblem (701)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This alarm indicates that the RFM temperature is too low to generate RF.		
Impact: The module is not usable. The LTE cells associated with this module are not operational.		
Remedial action: Check the RFM environment temperature. If RFM has just initialized then wait for it to warm up.		

Table 28-311 IK4006009 - RFM OVER TEMP WARNING

Alarm	Attributes	Applicable major releases
Name: IK4006009 (2361) Type: environmentalAlarm (2) Package: Ite Raised on class: Ite.RFM	Severity: minor Specific problem: RFM OVER TEMP WARNING (284) Implicitly cleared: true Default probable cause: heatingOrVentilationOrCoolingSystemProblem (701)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This alarm indicates the RFM is rising near the shutdown limit.		
Impact: No impact on eNodeB.		
Remedial action: Check the RFM environment temperature.		

Table 28-312 IK4006010 - RFM CRITICAL TEMP

Alarm	Attributes	Applicable major releases
Name: IK4006010 (2362) Type: environmentalAlarm (2) Package: Ite Raised on class: Ite.RFM	Severity: critical Specific problem: RFM CRITICAL TEMP (285) Implicitly cleared: true Default probable cause: heatingOrVentilationOrCoolingSystemProblem (701)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This alarm indicates that the RFM temperature is above the operating limit and the transmitter has shut down in an attempt to reduce the temperature.		
Impact: The module is not usable. The LTE cells associated with this module are not operational.		
Remedial action: Check the RFM environment temperature.		

Table 28-313 IK4006012 - RFM INIT FAILURE

Alarm	Attributes	Applicable major releases
Name: IK4006012 (2364) Type: equipmentAlarm (3) Package: Ite Raised on class: Ite.RFM	Severity: critical Specific problem: RFM INIT FAILURE (287) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This alarm indicates the FGPA download failure or unlocked PLLs. The evaluation occurs during initialization and the unit is not enabled.		
Impact: The module is not usable. The LTE cells associated with this module are not operational.		
Remedial action: Reset the RFM. If the alarm persists, replace RFM.		

Table 28-314 IK4006013 - RFM SOFTWARE FAILURE

Alarm	Attributes	Applicable major releases
Name: IK4006013 (2365) Type: processingErrorAlarm (81) Package: lte Raised on class: lte.RFM	Severity: critical Specific problem: RFM SOFTWARE FAILURE (288) Implicitly cleared: true Default probable cause: softwareProgramError (720)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This alarm indicates the general software failures, including TCP/IP stack errors or TCP Allocate Packet errors. This alarm remains asserted for a minimum of 30 seconds.		
Impact: The module is not usable. The LTE cells associated with this module are not operational.		
Remedial action: If the alarm does not clear in 30 seconds then reset the RFM. If the alarm persists, notify Alcatel-Lucent support.		

Table 28-315 IK4006014 - RFM SIGNAL QUALITY

Alarm	Attributes	Applicable major releases
Name: IK4006014 (2366) Type: equipmentAlarm (3) Package: lte Raised on class: lte.RFM	Severity: major Specific problem: RFM SIGNAL QUALITY (289) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This alarm indicates that the RFM output spectrum is degraded, but the RF is still enabled.		
Impact: The module is not usable. The LTE cells associated with this module may not be operational.		
Remedial action: Reset the RFM, if the problem persists then replace the RFM.		

Table 28-316 IK4006016 - RFM SFP INCOMPATIBILITY CPRIPORT 3

Alarm	Attributes	Applicable major releases
Name: IK4006016 (2368) Type: equipmentAlarm (3) Package: lte Raised on class: lte.RFM	Severity: warning Specific problem: RFM SFP INCOMPATIBILITY CPRIPORT 3 (291) Implicitly cleared: true Default probable cause: configurationOrCustomizationError (902)	<ul style="list-style-type: none"> • LR14.1.L • LR14.3.L
Description: This alarm indicates that the equipped SFP on the RFM doesn't allow to achieve the maximum CPRI rate allowed by SW.		
Impact: It is likely that the cell configuration can not be supported due to this RFM SFP HW restriction.		
Remedial action: The operator may update the SFP on the RFM.		

Table 28-317 IK4006027 - RFM INPUT VOLTAGE FAIL

Alarm	Attributes	Applicable major releases
Name: IK4006027 (2378) Type: equipmentAlarm (3) Package: Ite Raised on class: Ite.RFM	Severity: major Specific problem: RFM INPUT VOLTAGE FAIL (301) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This alarm indicates that the input voltage is very high or very low.		
Impact: If the RRH is not usable, the associated LTE cells are not operational.		
Remedial action: Verify and correct the DC input voltage. If the alarm persists, replace the RFM.		

Table 28-318 IK4006028 - RFM PWR CONVERTER FAIL

Alarm	Attributes	Applicable major releases
Name: IK4006028 (2379) Type: equipmentAlarm (3) Package: Ite Raised on class: Ite.RFM	Severity: critical Specific problem: RFM PWR CONVERTER FAIL (302) Implicitly cleared: true Default probable cause: powerProblem (911)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: The RFM internal power converter has failed.		
Impact: The module is not usable. The LTE cells associated with this module are not operational.		
Remedial action: Reset the RFM, if the alarm persists, replace the RFM.		

Table 28-319 IK4006029 - RFM CLOCK FAILURE

Alarm	Attributes	Applicable major releases
Name: IK4006029 (2380) Type: equipmentAlarm (3) Package: Ite Raised on class: Ite.RFM	Severity: critical Specific problem: RFM CLOCK FAILURE (303) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: The RFM cannot derive proper clock signal from the incoming CPRI link.		
Impact: The module is not usable. The LTE cells associated with this module are not operational.		
Remedial action: Verify the CPRI connection and reset the RFM. If the problem persists then replace the RFM.		

Table 28-320 IK4006030 - RFM RF SYNTH FAIL

Alarm	Attributes	Applicable major releases
Name: IK4006030 (2381) Type: equipmentAlarm (3) Package: Ite Raised on class: Ite.RFM	Severity: critical Specific problem: RFM RF SYNTH FAIL (304) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: The RFM internal frequency synthesizer is out of lock.		
Impact: The module is not usable. The LTE cells associated with this module are not operational.		
Remedial action: Reset the RFM. If the problem persists then replace the RFM.		

Table 28-321 IK4006039 - RFM UNREADABLE MANUFACTURER DATA

Alarm	Attributes	Applicable major releases
Name: IK4006039 (2386) Type: equipmentAlarm (3) Package: Ite Raised on class: Ite.RFM	Severity: warning Specific problem: RFM UNREADABLE MANUFACTURER DATA (309) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This alarm indicates the failure to read the manufacturer data.		
Impact: Cells related to RRH are out of service.		
Remedial action: Reset the RFM. If the alarm persists contact the next level support.		

Table 28-322 IK4006042 - RFM DOWNLOAD FAILURE

Alarm	Attributes	Applicable major releases
Name: IK4006042 (2387) Type: processingErrorAlarm (81) Package: Ite Raised on class: Ite.RFM	Severity: minor Specific problem: RFM DOWNLOAD FAILURE (310) Implicitly cleared: true Default probable cause: softwareProgramError (720)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This alarm indicates the RFM software download failure.		
Impact: No impact on eNodeB.		
Remedial action: Reset the RFM to retry the download. If the problem persists, contact the next level support.		

Table 28-323 IK4006075 - RFM BIST PARTIAL

Alarm	Attributes	Applicable major releases
Name: IK4006075 (2394) Type: equipmentAlarm (3) Package: lte Raised on class: lte.RFM	Severity: major Specific problem: RFM BIST PARTIAL (311) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This alarm indicates that at least one failure was detected during power on self-test, but the unit may still be functional, though in a degraded state.		
Impact: The eNodeB performance is low.		
Remedial action: Replace the RFM.		

Table 28-324 IK4006085 - RFM EXTERNAL UNIT COMM FAIL

Alarm	Attributes	Applicable major releases
Name: IK4006085 (2404) Type: equipmentAlarm (3) Package: lte Raised on class: lte.RFM	Severity: minor Specific problem: RFM EXTERNAL UNIT COMM FAIL (320) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This alarm indicates the loss of communication with external alarm or filter module.		
Impact: No impact on eNodeB.		
Remedial action: Check external module and cable, replace if necessary.		

Table 28-325 IK4006158 - RFM ANT CAL FAILURE

Alarm	Attributes	Applicable major releases
Name: IK4006158 (2477) Type: equipmentAlarm (3) Package: lte Raised on class: lte.RFM	Severity: critical Specific problem: RFM ANT CAL FAILURE (382) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This alarm indicates the antenna is out of calibration in a cell.		
Impact: The eNodeB performance is low.		
Remedial action: Check the antenna calibration.		

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Table 28-326 IK4006159 - RFM ANT PERIODIC CAL FAILURE

Alarm	Attributes	Applicable major releases
Name: IK4006159 (2478) Type: equipmentAlarm (3) Package: lte Raised on class: lte.RFM	Severity: major Specific problem: RFM ANT PERIODIC CAL FAILURE (383) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This alarm indicates the antenna periodic calibration has failed.		
Impact: No impact on eNodeB.		
Remedial action: Check the antenna calibration.		

Table 28-327 IK4006197 - RFM MESSAGE THROTTLING

Alarm	Attributes	Applicable major releases
Name: IK4006197 (2516) Type: equipmentAlarm (3) Package: lte Raised on class: lte.RFM	Severity: minor Specific problem: RFM MESSAGE THROTTLING (413) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This alarm indicates the RFM is generating too many messages over the CPRI link.		
Impact: No impact on eNodeB.		
Remedial action: Reset the RFM.		

Table 28-328 IK4006215 - RFM FAULT 2

Alarm	Attributes	Applicable major releases
Name: IK4006215 (3009) Type: equipmentAlarm (3) Package: lte Raised on class: lte.RFM	Severity: minor Specific problem: RFM FAULT 2 (415) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: Provisioned for late churn-in. Unspecified RFM fault detected		
Impact: Check the additional info for impact details.		
Remedial action: Check the additional information for maintenance action details.		

Table 28-329 IK4006216 - RFM FAULT 3

Alarm	Attributes	Applicable major releases
Name: IK4006216 (3010) Type: equipmentAlarm (3) Package: Ite Raised on class: Ite.RFM	Severity: minor Specific problem: RFM FAULT 3 (416) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: Provisioned for late churn-in. Unspecified RFM fault detected		
Impact: Check the additional info for impact details.		
Remedial action: Check the additional information for maintenance action details.		

Table 28-330 IK4006217 - RFM FAULT 4

Alarm	Attributes	Applicable major releases
Name: IK4006217 (3011) Type: equipmentAlarm (3) Package: Ite Raised on class: Ite.RFM	Severity: minor Specific problem: RFM FAULT 4 (417) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: Provisioned for late churn-in. Unspecified RFM fault detected		
Impact: Check the additional info for impact details.		
Remedial action: Check the additional information for maintenance action details.		

Table 28-331 IK4006218 - RFM FAULT 5

Alarm	Attributes	Applicable major releases
Name: IK4006218 (3012) Type: equipmentAlarm (3) Package: Ite Raised on class: Ite.RFM	Severity: minor Specific problem: RFM FAULT 5 (418) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: Provisioned for late churn-in. Unspecified RFM fault detected		
Impact: Check the additional info for impact details.		
Remedial action: Check the additional information for maintenance action details.		

Table 28-332 IK4006219 - RFM UNREADABLE MANUFACTURER DATA ATTACHED HW

Alarm	Attributes	Applicable major releases
Name: IK4006219 (3013) Type: equipmentAlarm (3) Package: Ite Raised on class: Ite.RFM	Severity: major Specific problem: RFM UNREADABLE MANUFACTURER DATA ATTACHED HW (419) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This alarm indicates the failure to read the inventory record of an attached hardware (e.g. RDEM).		
Impact: Cells related to RFM are out of service.		
Remedial action: Check the attached hardware.		

Table 28-333 IK4006236 - RFM TTLNA1

Alarm	Attributes	Applicable major releases
Name: IK4006236 (3014) Type: equipmentAlarm (3) Package: Ite Raised on class: Ite.RFM	Severity: critical Specific problem: RFM TTLNA1 (420) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR13.3
Description: This alarm indicates that the tower-top amplifier has failed or gone into bypass.		
Impact: The eNodeB performance is low.		
Remedial action: Check the tower-top amplifier.		

Table 28-334 IK4006237 - RFM TTLNA2

Alarm	Attributes	Applicable major releases
Name: IK4006237 (3015) Type: equipmentAlarm (3) Package: Ite Raised on class: Ite.RFM	Severity: critical Specific problem: RFM TTLNA2 (421) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR13.3
Description: This alarm indicates that the tower-top amplifier has failed or gone into bypass.		
Impact: The eNodeB performance is low.		
Remedial action: Check the tower-top amplifier.		

Table 28-335 IK4006238 - RFM TTLNA3

Alarm	Attributes	Applicable major releases
Name: IK4006238 (3016) Type: equipmentAlarm (3) Package: lte Raised on class: lte.RFM	Severity: critical Specific problem: RFM TTLNA3 (422) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> LR13.3
Description: This alarm indicates that the tower-top amplifier has failed or gone into bypass.		
Impact: The eNodeB performance is low.		
Remedial action: Check the tower-top amplifier.		

Table 28-336 IK4006239 - RFM TTLNA4

Alarm	Attributes	Applicable major releases
Name: IK4006239 (3017) Type: equipmentAlarm (3) Package: lte Raised on class: lte.RFM	Severity: critical Specific problem: RFM TTLNA4 (423) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> LR13.3
Description: This alarm indicates that the tower-top amplifier has failed or gone into bypass.		
Impact: The eNodeB performance is low.		
Remedial action: Check the tower-top amplifier.		

Table 28-337 IK4006240 - RFM TTLNA5

Alarm	Attributes	Applicable major releases
Name: IK4006240 (3018) Type: equipmentAlarm (3) Package: lte Raised on class: lte.RFM	Severity: critical Specific problem: RFM TTLNA5 (424) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> LR13.3
Description: This alarm indicates that the tower-top amplifier has failed or gone into bypass.		
Impact: The eNodeB performance is low.		
Remedial action: Check the tower-top amplifier.		

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Table 28-338 IK4006241 - RFM TTLNA6

Alarm	Attributes	Applicable major releases
Name: IK4006241 (3019) Type: equipmentAlarm (3) Package: lte Raised on class: lte.RFM	Severity: critical Specific problem: RFM TTLNA6 (425) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> LR13.3
Description: This alarm indicates that the tower-top amplifier has failed or gone into bypass.		
Impact: The eNodeB performance is low.		
Remedial action: Check the tower-top amplifier.		

Table 28-339 IK4006242 - RFM TTLNA7

Alarm	Attributes	Applicable major releases
Name: IK4006242 (3020) Type: equipmentAlarm (3) Package: lte Raised on class: lte.RFM	Severity: critical Specific problem: RFM TTLNA7 (426) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> LR13.3
Description: This alarm indicates that the tower-top amplifier has failed or gone into bypass.		
Impact: The eNodeB performance is low.		
Remedial action: Check the tower-top amplifier.		

Table 28-340 IK4006243 - RFM TTLNA8

Alarm	Attributes	Applicable major releases
Name: IK4006243 (3021) Type: equipmentAlarm (3) Package: lte Raised on class: lte.RFM	Severity: critical Specific problem: RFM TTLNA8 (427) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> LR13.3
Description: This alarm indicates that the tower-top amplifier has failed or gone into bypass.		
Impact: The eNodeB performance is low.		
Remedial action: Check the tower-top amplifier.		

Table 28-341 IK4006253 - RFM SIGNAL LOW PORT1

Alarm	Attributes	Applicable major releases
Name: IK4006253 (3031) Type: equipmentAlarm (3) Package: lte Raised on class: lte.RFM	Severity: minor Specific problem: RFM SIGNAL LOW PORT1 (437) Implicitly cleared: true Default probable cause: inputDeviceError (704)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This alarm indicates that the optical signal strength is very low on the slave link port.		
Impact: No impact on eNodeB.		
Remedial action: Check the CPRI cable and connections, replace the SFP (RFM or CB end).		

Table 28-342 IK4006254 - RFM SIGNAL LOW PORT2

Alarm	Attributes	Applicable major releases
Name: IK4006254 (3032) Type: equipmentAlarm (3) Package: lte Raised on class: lte.RFM	Severity: minor Specific problem: RFM SIGNAL LOW PORT2 (438) Implicitly cleared: true Default probable cause: inputDeviceError (704)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This alarm indicates that the optical signal strength is very low on the slave link port.		
Impact: No impact on eNodeB.		
Remedial action: Check the CPRI cable and connections, replace the SFP (RFM or CB end).		

Table 28-343 IK4006255 - RFM SIGNAL LOW PORT3

Alarm	Attributes	Applicable major releases
Name: IK4006255 (3033) Type: equipmentAlarm (3) Package: lte Raised on class: lte.RFM	Severity: minor Specific problem: RFM SIGNAL LOW PORT3 (439) Implicitly cleared: true Default probable cause: inputDeviceError (704)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This alarm indicates that the optical signal strength is very low on the slave link port.		
Impact: No impact on eNodeB.		
Remedial action: Check the CPRI cable and connections, replace the SFP (RFM or CB end).		

Table 28-344 IK4006256 - RFM TRANS TX FAILURE PORT1

Alarm	Attributes	Applicable major releases
Name: IK4006256 (3034) Type: equipmentAlarm (3) Package: Ite Raised on class: Ite.RFM	Severity: major Specific problem: RFM TRANS TX FAILURE PORT1 (440) Implicitly cleared: true Default probable cause: inputDeviceError (704)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This alarm indicates a failure of the optical transceiver.		
Impact: No impact on eNodeB.		
Remedial action: Replace the RFM SFP		

Table 28-345 IK4006257 - RFM TRANS TX FAILURE PORT2

Alarm	Attributes	Applicable major releases
Name: IK4006257 (3035) Type: equipmentAlarm (3) Package: Ite Raised on class: Ite.RFM	Severity: major Specific problem: RFM TRANS TX FAILURE PORT2 (441) Implicitly cleared: true Default probable cause: inputDeviceError (704)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This alarm indicates a failure of the optical transceiver.		
Impact: No impact on eNodeB.		
Remedial action: Replace the RFM SFP		

Table 28-346 IK4006258 - RFM TRANS TX FAILURE PORT3

Alarm	Attributes	Applicable major releases
Name: IK4006258 (3036) Type: equipmentAlarm (3) Package: Ite Raised on class: Ite.RFM	Severity: major Specific problem: RFM TRANS TX FAILURE PORT3 (442) Implicitly cleared: true Default probable cause: inputDeviceError (704)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This alarm indicates a failure of the optical transceiver.		
Impact: No impact on eNodeB.		
Remedial action: Replace the RFM SFP		

Table 28-347 IK4006259 - RFM BER PORT1

Alarm	Attributes	Applicable major releases
Name: IK4006259 (3037) Type: equipmentAlarm (3) Package: lte Raised on class: lte.RFM	Severity: minor Specific problem: RFM BER PORT1 (443) Implicitly cleared: true Default probable cause: inputDeviceError (704)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This alarm indicates excessive bit errors on the CPRI link.		
Impact: No impact on eNodeB.		
Remedial action: Check the CPRI cable and connections, replace the SFP (RFM or CB end).		

Table 28-348 IK4006260 - RFM BER PORT2

Alarm	Attributes	Applicable major releases
Name: IK4006260 (3038) Type: equipmentAlarm (3) Package: lte Raised on class: lte.RFM	Severity: minor Specific problem: RFM BER PORT2 (444) Implicitly cleared: true Default probable cause: inputDeviceError (704)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This alarm indicates excessive bit errors on the CPRI link.		
Impact: No impact on eNodeB.		
Remedial action: Check the CPRI cable and connections, replace the SFP (RFM or CB end).		

Table 28-349 IK4006261 - RFM BER PORT3

Alarm	Attributes	Applicable major releases
Name: IK4006261 (3039) Type: equipmentAlarm (3) Package: lte Raised on class: lte.RFM	Severity: minor Specific problem: RFM BER PORT3 (445) Implicitly cleared: true Default probable cause: inputDeviceError (704)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This alarm indicates excessive bit errors on the CPRI link.		
Impact: No impact on eNodeB.		
Remedial action: Check the CPRI cable and connections, replace the SFP (RFM or CB end).		

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Table 28-350 IK4006262 - RFM SIGNAL SDI PORT1

Alarm	Attributes	Applicable major releases
Name: IK4006262 (3040) Type: equipmentAlarm (3) Package: lte Raised on class: lte.RFM	Severity: major Specific problem: RFM SIGNAL SDI PORT1 (446) Implicitly cleared: true Default probable cause: inputDeviceError (704)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This alarm indicates that the incoming CPRI link SDI bit is set.		
Impact: No impact on eNodeB.		
Remedial action: Reset RFM. If the alarm persists then reset the CB.		

Table 28-351 IK4006263 - RFM SIGNAL SDI PORT2

Alarm	Attributes	Applicable major releases
Name: IK4006263 (3041) Type: equipmentAlarm (3) Package: lte Raised on class: lte.RFM	Severity: major Specific problem: RFM SIGNAL SDI PORT2 (447) Implicitly cleared: true Default probable cause: inputDeviceError (704)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This alarm indicates that the incoming CPRI link SDI bit is set.		
Impact: No impact on eNodeB.		
Remedial action: Reset RFM. If the alarm persists then reset the CB.		

Table 28-352 IK4006264 - RFM SIGNAL SDI PORT3

Alarm	Attributes	Applicable major releases
Name: IK4006264 (3042) Type: equipmentAlarm (3) Package: lte Raised on class: lte.RFM	Severity: major Specific problem: RFM SIGNAL SDI PORT3 (448) Implicitly cleared: true Default probable cause: inputDeviceError (704)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This alarm indicates that the incoming CPRI link SDI bit is set.		
Impact: No impact on eNodeB.		
Remedial action: Reset RFM. If the alarm persists then reset the CB.		

Table 28-353 IK4006265 - RFM DL IDLE PATTERN MISMATCH

Alarm	Attributes	Applicable major releases
Name: IK4006265 (3043) Type: equipmentAlarm (3) Package: lte Raised on class: lte.RFM	Severity: major Specific problem: RFM DL IDLE PATTERN MISMATCH (449) Implicitly cleared: true Default probable cause: inputDeviceError (704)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This alarm indicates that DL idle patterns are detected (delay calibration failure).		
Impact: No impact on eNodeB.		
Remedial action: Reset the RFM. If the alarm persists, call the next level of support.		

Table 28-354 IK4006272 - RFM TX1 VSWR THRESH1

Alarm	Attributes	Applicable major releases
Name: IK4006272 (3050) Type: equipmentAlarm (3) Package: lte Raised on class: lte.RFM	Severity: minor Specific problem: RFM TX1 VSWR THRESH1 (314) Implicitly cleared: true Default probable cause: adapterError (688)	<ul style="list-style-type: none"> • LR13.3
Description: The antenna port return loss is below threshold.		
Impact: The eNodeB performance is low due to TX losses.		
Remedial action: Check the cabling between RFM output and antenna. Check the connection torque value between the RFM and the bulkhead.		

Table 28-355 IK4006273 - RFM TX2 VSWR THRESH1

Alarm	Attributes	Applicable major releases
Name: IK4006273 (3051) Type: equipmentAlarm (3) Package: lte Raised on class: lte.RFM	Severity: minor Specific problem: RFM TX2 VSWR THRESH1 (315) Implicitly cleared: true Default probable cause: adapterError (688)	<ul style="list-style-type: none"> • LR13.3
Description: The antenna port return loss is below threshold.		
Impact: The eNodeB performance is low due to TX losses.		
Remedial action: Check the cabling between RFM output and antenna. Check the connection torque value between the RFM and the bulkhead.		

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Table 28-356 IK4006274 - RFM TX3 VSWR THRESH1

Alarm	Attributes	Applicable major releases
Name: IK4006274 (3052) Type: equipmentAlarm (3) Package: lte Raised on class: lte.RFM	Severity: minor Specific problem: RFM TX3 VSWR THRESH1 (358) Implicitly cleared: true Default probable cause: adapterError (688)	<ul style="list-style-type: none"> LR13.3
Description: The antenna port return loss is below threshold.		
Impact: The eNodeB performance is low due to TX losses.		
Remedial action: Check the cabling between RFM output and antenna. Check the connection torque value between the RFM and the bulkhead.		

Table 28-357 IK4006275 - RFM TX4 VSWR THRESH1

Alarm	Attributes	Applicable major releases
Name: IK4006275 (3053) Type: equipmentAlarm (3) Package: lte Raised on class: lte.RFM	Severity: minor Specific problem: RFM TX4 VSWR THRESH1 (359) Implicitly cleared: true Default probable cause: adapterError (688)	<ul style="list-style-type: none"> LR13.3
Description: The antenna port return loss is below threshold.		
Impact: The eNodeB performance is low due to TX losses.		
Remedial action: Check the cabling between RFM output and antenna. Check the connection torque value between the RFM and the bulkhead.		

Table 28-358 IK4006276 - RFM TX5 VSWR THRESH1

Alarm	Attributes	Applicable major releases
Name: IK4006276 (3054) Type: equipmentAlarm (3) Package: lte Raised on class: lte.RFM	Severity: minor Specific problem: RFM TX5 VSWR THRESH1 (360) Implicitly cleared: true Default probable cause: adapterError (688)	<ul style="list-style-type: none"> LR13.3
Description: The antenna port return loss is below threshold.		
Impact: The eNodeB performance is low due to TX losses.		
Remedial action: Check the cabling between RFM output and antenna. Check the connection torque value between the RFM and the bulkhead.		

Table 28-359 IK4006277 - RFM TX6 VSWR THRESH1

Alarm	Attributes	Applicable major releases
Name: IK4006277 (3055) Type: equipmentAlarm (3) Package: lte Raised on class: lte.RFM	Severity: minor Specific problem: RFM TX6 VSWR THRESH1 (361) Implicitly cleared: true Default probable cause: adapterError (688)	<ul style="list-style-type: none"> LR13.3
Description: The antenna port return loss is below threshold.		
Impact: The eNodeB performance is low due to TX losses.		
Remedial action: Check the cabling between RFM output and antenna. Check the connection torque value between the RFM and the bulkhead.		

Table 28-360 IK4006278 - RFM TX7 VSWR THRESH1

Alarm	Attributes	Applicable major releases
Name: IK4006278 (3056) Type: equipmentAlarm (3) Package: lte Raised on class: lte.RFM	Severity: minor Specific problem: RFM TX7 VSWR THRESH1 (362) Implicitly cleared: true Default probable cause: adapterError (688)	<ul style="list-style-type: none"> LR13.3
Description: The antenna port return loss is below threshold.		
Impact: The eNodeB performance is low due to TX losses.		
Remedial action: Check the cabling between RFM output and antenna. Check the connection torque value between the RFM and the bulkhead.		

Table 28-361 IK4006279 - RFM TX8 VSWR THRESH1

Alarm	Attributes	Applicable major releases
Name: IK4006279 (3057) Type: equipmentAlarm (3) Package: lte Raised on class: lte.RFM	Severity: minor Specific problem: RFM TX8 VSWR THRESH1 (363) Implicitly cleared: true Default probable cause: adapterError (688)	<ul style="list-style-type: none"> LR13.3
Description: The antenna port return loss is below threshold.		
Impact: The eNodeB performance is low due to TX losses.		
Remedial action: Check the cabling between RFM output and antenna. Check the connection torque value between the RFM and the bulkhead.		

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Table 28-362 IK4006280 - RFM RF PATHS NOT AVAILABLE

Alarm	Attributes	Applicable major releases
Name: IK4006280 (3770) Type: equipmentAlarm (3) Package: lte Raised on class: lte.RFM	Severity: critical Specific problem: RFM RF PATHS NOT AVAILABLE (450) Implicitly cleared: true Default probable cause: configurationOrCustomizationError (902)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This alarm indicates that the RFM is shared with another technology which has locked the RFM operation.		
Impact: Cells supported by this RFM are disabled while the alarm is set.		
Remedial action: Enable the RFM operation through the other technology OMC.		

Table 28-363 IK4006281 - RFM INTERNAL RRH COMM FAIL

Alarm	Attributes	Applicable major releases
Name: IK4006281 (3651) Type: communicationsAlarm (4) Package: lte Raised on class: lte.RFM	Severity: major Specific problem: RFM INTERNAL RRH COMM FAIL (451) Implicitly cleared: true Default probable cause: inputDeviceError (704)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: Communication has failed between the two subunits that make up this RFM.		
Impact: The cell supported on this RFM is degraded or failed if any or all of its paths use antenna ports supported on the far subunit.		
Remedial action: Check the inter-subunit CPRI link and SFPs for failure check the far end subunit for failure. Reset the RFM if no physical failure is found.		

Table 28-364 IK4006282 - RFM HW CONFIG MISMATCH

Alarm	Attributes	Applicable major releases
Name: IK4006282 (3652) Type: equipmentAlarm (3) Package: lte Raised on class: lte.RFM	Severity: critical Specific problem: RFM HW CONFIG MISMATCH (452) Implicitly cleared: true Default probable cause: inputDeviceError (704)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: The two subunits that make up this RFM are not of the same type.		
Impact: Cells assigned to this RFM remain disabled until the fault is corrected.		
Remedial action: Replace one or both subunits so that they are both of the same type.		

Table 28-365 IK4006283 - RFM HW ASSIGNMENT INDETERMINATE

Alarm	Attributes	Applicable major releases
Name: IK4006283 (3653) Type: equipmentAlarm (3) Package: Ite Raised on class: Ite.RFM	Severity: critical Specific problem: RFM HW ASSIGNMENT INDETERMINATE (453) Implicitly cleared: true Default probable cause: inputDeviceError (704)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: The two subunits that make up this RFM are both configured with the same subunit number.		
Impact: Cells assigned to this RFM remain disabled until the fault is corrected.		
Remedial action: Ensure that each RFM subunit has the proper connector to indicate that it is the first or the second subunit.		

Table 28-366 IK4006284 - RFM ALD BUS OVERCURRENT

Alarm	Attributes	Applicable major releases
Name: IK4006284 (3654) Type: equipmentAlarm (3) Package: Ite Raised on class: Ite.RFM	Severity: minor Specific problem: RFM ALD BUS OVERCURRENT (454) Implicitly cleared: true Default probable cause: inputDeviceError (704)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: The AISG bus attached to this RFM is drawing too much DC electric current.		
Impact: TMAs or RETs connected to this RFM may not function properly, degrading receive path gain or preventing antenna tilt control.		
Remedial action: Ensure that the number of AISG devices and their individual current loads do not exceed the RFM limit. Check the AISG bus cable for short circuit, check for one or more failed AISG devices on the bus.		

Table 28-367 IK4006285 - RFM LINK LOF PORT1

Alarm	Attributes	Applicable major releases
Name: IK4006285 (3655) Type: equipmentAlarm (3) Package: Ite Raised on class: Ite.RFM	Severity: major Specific problem: RFM LINK LOF PORT1 (428) Implicitly cleared: true Default probable cause: inputDeviceError (704)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This alarm indicates that framing cannot be recovered at the slave link port.		
Impact: Possibly repetitions at higher levels. The capacity of the module can be reduced.		
Remedial action: Check the CPRI cable and connections, replace the SFP (RFM or CB end).		

Table 28-368 IK4006286 - RFM LINK LOF PORT2

Alarm	Attributes	Applicable major releases
Name: IK4006286 (3656) Type: equipmentAlarm (3) Package: Ite Raised on class: Ite.RFM	Severity: major Specific problem: RFM LINK LOF PORT2 (429) Implicitly cleared: true Default probable cause: inputDeviceError (704)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This alarm indicates that framing cannot be recovered at the slave link port.		
Impact: Possibly repetitions at higher levels. The capacity of the module can be reduced.		
Remedial action: Check the CPRI cable and connections, replace the SFP (RFM or CB end).		

Table 28-369 IK4006287 - RFM LINK LOF PORT3

Alarm	Attributes	Applicable major releases
Name: IK4006287 (3657) Type: equipmentAlarm (3) Package: Ite Raised on class: Ite.RFM	Severity: major Specific problem: RFM LINK LOF PORT3 (430) Implicitly cleared: true Default probable cause: inputDeviceError (704)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This alarm indicates that framing cannot be recovered at the slave link port.		
Impact: Possibly repetitions at higher levels. The capacity of the module can be reduced.		
Remedial action: Check the CPRI cable and connections, replace the SFP (RFM or CB end).		

Table 28-370 IK4006288 - RFM LINK LOS PORT1

Alarm	Attributes	Applicable major releases
Name: IK4006288 (3658) Type: equipmentAlarm (3) Package: Ite Raised on class: Ite.RFM	Severity: major Specific problem: RFM LINK LOS PORT1 (431) Implicitly cleared: true Default probable cause: inputDeviceError (704)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This alarm indicates that no signal is detected at the link port.		
Impact: Possibly repetitions at higher levels. The capacity of the module can be reduced.		
Remedial action: Check the CPRI cable and connections, replace the SFP (RFM or CB end).		

Table 28-371 IK4006289 - RFM LINK LOS PORT2

Alarm	Attributes	Applicable major releases
Name: IK4006289 (3659) Type: equipmentAlarm (3) Package: lte Raised on class: lte.RFM	Severity: major Specific problem: RFM LINK LOS PORT2 (432) Implicitly cleared: true Default probable cause: inputDeviceError (704)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This alarm indicates that no signal is detected at the link port.		
Impact: Possibly repetitions at higher levels. The capacity of the module can be reduced.		
Remedial action: Check the CPRI cable and connections, replace the SFP (RFM or CB end).		

Table 28-372 IK4006290 - RFM LINK LOS PORT3

Alarm	Attributes	Applicable major releases
Name: IK4006290 (3660) Type: equipmentAlarm (3) Package: lte Raised on class: lte.RFM	Severity: major Specific problem: RFM LINK LOS PORT3 (433) Implicitly cleared: true Default probable cause: inputDeviceError (704)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This alarm indicates that no signal is detected at the link port.		
Impact: Possibly repetitions at higher levels. The capacity of the module can be reduced.		
Remedial action: Check the CPRI cable and connections, replace the SFP (RFM or CB end).		

Table 28-373 IK4006291 - RFM LINK RAI PORT1

Alarm	Attributes	Applicable major releases
Name: IK4006291 (3661) Type: equipmentAlarm (3) Package: lte Raised on class: lte.RFM	Severity: major Specific problem: RFM LINK RAI PORT1 (434) Implicitly cleared: true Default probable cause: inputDeviceError (704)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This alarm indicates that the incoming slave link RAI bit is set.		
Impact: Possibly repetitions at higher levels. The capacity of the module can be reduced.		
Remedial action: Check the CPRI cable and connections, replace the SFP (RFM or CB end).		

Table 28-374 IK4006292 - RFM LINK RAI PORT2

Alarm	Attributes	Applicable major releases
Name: IK4006292 (3662) Type: equipmentAlarm (3) Package: lte Raised on class: lte.RFM	Severity: major Specific problem: RFM LINK RAI PORT2 (435) Implicitly cleared: true Default probable cause: inputDeviceError (704)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This alarm indicates that the incoming slave link RAI bit is set.		
Impact: Possibly repetitions at higher levels. The capacity of the module can be reduced.		
Remedial action: Check the CPRI cable and connections, replace the SFP (RFM or CB end).		

Table 28-375 IK4006293 - RFM LINK RAI PORT3

Alarm	Attributes	Applicable major releases
Name: IK4006293 (3663) Type: equipmentAlarm (3) Package: lte Raised on class: lte.RFM	Severity: major Specific problem: RFM LINK RAI PORT3 (436) Implicitly cleared: true Default probable cause: inputDeviceError (704)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This alarm indicates that the incoming slave link RAI bit is set.		
Impact: Possibly repetitions at higher levels. The capacity of the module can be reduced.		
Remedial action: Check the CPRI cable and connections, replace the SFP (RFM or CB end).		

Table 28-376 IK4006294 - RFM SELF TEST CRITICAL FAIL

Alarm	Attributes	Applicable major releases
Name: IK4006294 (3771) Type: equipmentAlarm (3) Package: lte Raised on class: lte.RFM	Severity: critical Specific problem: RFM SELF TEST CRITICAL FAIL (276) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR13.3
Description: This alarm indicates that the power-on self test detected a critical failure on the RFM. The alarm is cleared when the RFM is reset.		
Impact: The module is not usable. The LTE cells associated with this module are not operational.		
Remedial action: Reset the RFM. If the alarm persists, replace RFM.		

Table 28-377 IK4006295 - RFM ACCESS PANEL OPEN

Alarm	Attributes	Applicable major releases
Name: IK4006295 (3772) Type: securityServiceOrMechanismViolation (92) Package: Ite Raised on class: Ite.RFM	Severity: minor Specific problem: RFM ACCESS PANEL OPEN (455) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This alarm indicates the access panel for the RFM maintenance port is open.		
Impact: No immediate impact, however this alarm could indicate unauthorized access to the RFM.		
Remedial action: Close the maintenance port access door.		

Table 28-378 IK4006296 - RFM CELL DATA CONFLICT

Alarm	Attributes	Applicable major releases
Name: IK4006296 (3773) Type: equipmentAlarm (3) Package: Ite Raised on class: Ite.RFM	Severity: major Specific problem: RFM CELL DATA CONFLICT (456) Implicitly cleared: true Default probable cause: configurationOrCustomizationError (902)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: The RFM is shared by two technologies and one technology controller has attempted to configure a cell on the RFM which conflicts in frequency or transmit power setting with an existing configured cell.		
Impact: The new cell which triggered the conflict is not activated. Any existing cells remain active.		
Remedial action: Change the cell settings (eARFCN assignment, downlink power setting) for the RFM so that they are compatible (cell frequencies do not overlap, cell frequency settings do not exceed the RFM bandwidth, etc.). Since this is a shared RFM, the cell settings may reside in different databases.		

Table 28-379 IK4006297 - RF SETUP FAULT

Alarm	Attributes	Applicable major releases
Name: IK4006297 (3774) Type: equipmentAlarm (3) Package: Ite Raised on class: Ite.RFM	Severity: critical Specific problem: RF SETUP FAULT (457) Implicitly cleared: true Default probable cause: configurationOrCustomizationError (902)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This alarm indicates that the RFM is currently transmitting and has received a new carrier configuration request that requires a disruption to transmission.		
Impact: Carriers must be disabled to allow the RF retuning.		
Remedial action: Lock the carriers (both technologies if this is a shared RFM) to disable transmission, the RFM will retune and clear the alarm. Carriers may then be unlocked.		

Table 28-380 IK4006298 - RFM DATA SYNCHRONIZATION FAULT

Alarm	Attributes	Applicable major releases
Name: IK4006298 (3775) Type: equipmentAlarm (3) Package: lte Raised on class: lte.RFM	Severity: major Specific problem: RFM DATA SYNCHRONIZATION FAULT (458) Implicitly cleared: true Default probable cause: timingProblem (903)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This alarm indicates the RFM is shared by two technologies and one technology is transmitting CPRI data at a different rate than the other.		
Impact: There may be interruptions to the transmission of the non-LTE carriers when this alarm is present.		
Remedial action: Check the timing reference sources for both baseband units for failures.		

Table 28-381 IK4006300 - RFM TXPORT1 OVERCURRENT

Alarm	Attributes	Applicable major releases
Name: IK4006300 (3776) Type: equipmentAlarm (3) Package: lte Raised on class: lte.RFM	Severity: major Specific problem: RFM TXPORT1 OVERCURRENT (277) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR13.3
Description: This alarm indicates that the DC-Bias Current for AISG Devices was exceeded on Tx Port 1		
Impact: Check the additional info for impact details.		
Remedial action: Check For AISG device in critical alarm or failure mode.		

Table 28-382 IK4006301 - RFM TXPORT2 OVERCURRENT

Alarm	Attributes	Applicable major releases
Name: IK4006301 (3777) Type: equipmentAlarm (3) Package: lte Raised on class: lte.RFM	Severity: major Specific problem: RFM TXPORT2 OVERCURRENT (459) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This alarm indicates that the DC-Bias Current for AISG Devices was exceeded on Tx Port 2		
Impact: Check the additional info for impact details.		
Remedial action: Check For AISG device in critical alarm or failure mode.		

Table 28-383 IK4006302 - RFM AISG PORT OVERCURRENT

Alarm	Attributes	Applicable major releases
Name: IK4006302 (3778) Type: equipmentAlarm (3) Package: Ite Raised on class: Ite.RFM	Severity: major Specific problem: RFM AISG PORT OVERCURRENT (460) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This alarm indicates that the DC-Bias Current for AISG Devices was exceeded on RS-485 Port		
Impact: Check the additional info for impact details.		
Remedial action: Check For AISG device in critical alarm or failure mode.		

Table 28-384 IK4006303 - RFM DC-BIAS OVERCURRENT

Alarm	Attributes	Applicable major releases
Name: IK4006303 (3779) Type: equipmentAlarm (3) Package: Ite Raised on class: Ite.RFM	Severity: major Specific problem: RFM DC-BIAS OVERCURRENT (461) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This alarm indicates that the DC-Bias Current Source in the RFM exceeded the maximum threshold.		
Impact: Check the additional info for impact details.		
Remedial action: Check that the number of ALDs device supported by the RFM are within the maximum number and/or none of them is in failure mode.		

Table 28-385 IK4006304 - RRH DC POWER OFF

Alarm	Attributes	Applicable major releases
Name: IK4006304 (4653) Type: equipmentAlarm (3) Package: Ite Raised on class: Ite.RFM	Severity: critical Specific problem: RRH DC POWER OFF (462) Implicitly cleared: true Default probable cause: powerProblem (911)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This alarm indicates the RFM DC power supply is off.		
Impact: The RFM is not usable. The LTE cells associated with this RFM are not operational.		
Remedial action: Check the DC power supply for failure, both internal and external to the RFM.		

Table 28-386 IK4006307 - RFM FAN1 FAILED

Alarm	Attributes	Applicable major releases
Name: IK4006307 (4654) Type: environmentalAlarm (2) Package: lte Raised on class: lte.RFM	Severity: major Specific problem: RFM FAN1 FAILED (463) Implicitly cleared: true Default probable cause: heatingOrVentilationOrCoolingSystemProblem (701)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: Fan 1 in the RFM has failed.		
Impact: The RFM temperature will rise, leading to transmit signal power or quality degradation and eventual shutdown, disabling all cells supported on this RFM.		
Remedial action: Replace the failed hardware.		

Table 28-387 IK4006308 - RFM FAN2 FAILED

Alarm	Attributes	Applicable major releases
Name: IK4006308 (4655) Type: environmentalAlarm (2) Package: lte Raised on class: lte.RFM	Severity: major Specific problem: RFM FAN2 FAILED (464) Implicitly cleared: true Default probable cause: heatingOrVentilationOrCoolingSystemProblem (701)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: Fan 2 in the RFM has failed.		
Impact: The RFM temperature will rise, leading to transmit signal power or quality degradation and eventual shutdown, disabling all cells supported on this RFM.		
Remedial action: Replace the failed hardware.		

Table 28-388 IK4006309 - RFM BOTH FANS FAILED

Alarm	Attributes	Applicable major releases
Name: IK4006309 (4656) Type: environmentalAlarm (2) Package: lte Raised on class: lte.RFM	Severity: critical Specific problem: RFM BOTH FANS FAILED (465) Implicitly cleared: true Default probable cause: heatingOrVentilationOrCoolingSystemProblem (701)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: Both fans in the RFM have failed.		
Impact: The RFM temperature will rise, leading to transmit signal power or quality degradation and eventual shutdown, disabling all cells supported on this RFM.		
Remedial action: Replace the failed hardware.		

Table 28-389 IK4007001 - BRC CC WARNING

Alarm	Attributes	Applicable major releases
Name: IK4007001 (2533) Type: processingErrorAlarm (81) Package: lte Raised on class: lte.BBCardSpecifics	Severity: variable Specific problem: BRC CC WARNING (466) Implicitly cleared: true Default probable cause: unknown (1097)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This event indicates that the BRC-CC reported a warning.		
Impact: No impact on eNodeB.		
Remedial action: No action is required.		

Table 28-390 IK4007002 - BRC UC FAILED

Alarm	Attributes	Applicable major releases
Name: IK4007002 (2534) Type: processingErrorAlarm (81) Package: lte Raised on class: lte.BBCardSpecifics	Severity: variable Specific problem: BRC UC FAILED (467) Implicitly cleared: true Default probable cause: unknown (1097)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This event indicates that the UeCallIP detected a no-response from BRC-UC.		
Impact: The eNodeB performance is low.		
Remedial action: No action is required.		

Table 28-391 IK4007003 - PCI POTENTIAL CONFUSION VICTIM

Alarm	Attributes	Applicable major releases
Name: IK4007003 (5214) Type: operationalViolation (93) Package: lte Raised on class: lte.ENBEquipment	Severity: minor Specific problem: PCI POTENTIAL CONFUSION VICTIM (468) Implicitly cleared: true Default probable cause: configurationOrCustomizationError (902)	<ul style="list-style-type: none"> • LR14.1.L • LR14.3.L
Description: This alarm indicates this eNB is potentially a victim of PCI confusion, it has multiple potential neighbor cells that have the same PCI as each other.		
Impact: Mobility procedure triggered in the cell may be directed to a wrong neighboring cell, leading to further call drops.		
Remedial action: The maintenance action has to be done in one of the neighbor eNBs. Note that here only a potential confusion is raised, meaning that there may be no impact. In case HO KPIs show an issue, this may be the cause. Then a manual intervention, is needed in one of the distant eNBs to solve the problem, by changing the PCI. If the Neighbours are confirmed to be real, then the confusion is detected as real and AutoPCI will try to solve the conflict on the actor side. In case it is not enabled or it cannot solve the conflict, major alarms are raised on both actor and victim sides.		

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Table 28-392 IK4007004 - BRC UC WARNING

Alarm	Attributes	Applicable major releases
Name: IK4007004 (2535) Type: processingErrorAlarm (81) Package: lte Raised on class: lte.BBCardSpecifics	Severity: variable Specific problem: BRC UC WARNING (469) Implicitly cleared: true Default probable cause: unknown (1097)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This event indicates that the BRC-UC reported a warning.		
Impact: No impact on eNodeB.		
Remedial action: No action is required.		

Table 28-393 IK4007005 - CALLP MANAGER WARNING

Alarm	Attributes	Applicable major releases
Name: IK4007005 (2536) Type: processingErrorAlarm (81) Package: lte Raised on class: lte.ENBEquipment	Severity: variable Specific problem: CALLP MANAGER WARNING (470) Implicitly cleared: true Default probable cause: unknown (1097)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This event indicates that CallP Manager reports a warning.		
Impact: No impact on eNodeB.		
Remedial action: No action is required.		

Table 28-394 IK4007006 - CELL CALLP WARNING

Alarm	Attributes	Applicable major releases
Name: IK4007006 (2537) Type: processingErrorAlarm (81) Package: lte Raised on class: lte.ENBEquipment	Severity: variable Specific problem: CELL CALLP WARNING (471) Implicitly cleared: true Default probable cause: unknown (1097)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This event indicates that Cell CallP reports a warning.		
Impact: No impact on eNodeB.		
Remedial action: No action is required.		

Table 28-395 IK4007007 - RFTRACE ACTIVATION FAILURE

Alarm	Attributes	Applicable major releases
Name: IK4007007 (5215) Type: processingErrorAlarm (81) Package: Ite Raised on class: Ite.ENBEquipment	Severity: variable Specific problem: RFTRACE ACTIVATION FAILURE (472) Implicitly cleared: true Default probable cause: unknown (1097)	<ul style="list-style-type: none"> • LR14.1.L • LR14.3.L
Description: This event indicates the failure to activate a new RF trace recording session.		
Impact: No impact on eNodeB.		
Remedial action: No action is required.		

Table 28-396 IK4007008 - RFTRACE COLLECTION FAILURE

Alarm	Attributes	Applicable major releases
Name: IK4007008 (2538) Type: processingErrorAlarm (81) Package: Ite Raised on class: Ite.ENBEquipment	Severity: variable Specific problem: RFTRACE COLLECTION FAILURE (473) Implicitly cleared: true Default probable cause: unknown (1097)	<ul style="list-style-type: none"> • LR14.1.L
Description: This event indicates the failure to collect RF trace data.		
Impact: No impact on eNodeB.		
Remedial action: No action is required.		

Table 28-397 IK4007009 - MCE SESSION PREEMPTION INDICATION

Alarm	Attributes	Applicable major releases
Name: IK4007009 (5216) Type: qualityOfServiceAlarm (82) Package: Ite Raised on class: Ite.Mce	Severity: variable Specific problem: MCE SESSION PREEMPTION INDICATION (474) Implicitly cleared: true Default probable cause: unknown (1097)	<ul style="list-style-type: none"> • LR14.1.L • LR14.3.L
Description: This event indicates that one or several sessions have been pre-empted (suspended for the considered MbsfnArea) in order to admit a higher priority session.		
Impact: One or several eMBMS sessions are suspended in the considered MbsfnArea.		
Remedial action: No action is required.		

Table 28-398 IK4007010 - MCE SESSION RESUME INDICATION

Alarm	Attributes	Applicable major releases
Name: IK4007010 (2539) Type: qualityOfServiceAlarm (82) Package: lte Raised on class: lte.Mce	Severity: variable Specific problem: MCE SESSION RESUME INDICATION (475) Implicitly cleared: true Default probable cause: unknown (1097)	<ul style="list-style-type: none"> • LR14.1.L • LR14.3.L
Description: This event indicates that one or several sessions previously pre-empted have been resumed (resumed for the considered MbsfnArea).		
Impact: One or several eMBMS sessions are resumed in the considered MbsfnArea.		
Remedial action: No action is required.		

Table 28-399 IK4007011 - PCI CONFUSION VICTIM

Alarm	Attributes	Applicable major releases
Name: IK4007011 (2540) Type: operationalViolation (93) Package: lte Raised on class: lte.Cell	Severity: major Specific problem: PCI CONFUSION VICTIM (476) Implicitly cleared: true Default probable cause: configurationOrCustomizationError (902)	<ul style="list-style-type: none"> • LR14.1.L • LR14.3.L
Description: This alarm indicates this cell is victim of PCI confusion, it has multiple real neighbor cells that have the same PCI as each other. A manual intervention is needed to solve the problem.		
Impact: Mobility procedure triggered in the cell may be directed to a wrong neighboring cell, leading to further call drops.		
Remedial action: The maintenance action has to be done in one of the neighbor eNBs. If AutoPCI is not activated in these eNBs, then the manual intervention consists in changing the PCI. If AutoPCI is activated in these eNBs, then the manual intervention consists in changing some constraints (e.g. increase the pciAllowedList)		

Table 28-400 IK4007012 - VERY HIGH RACH ARRIVAL RATE

Alarm	Attributes	Applicable major releases
Name: IK4007012 (2541) Type: qualityOfServiceAlarm (82) Package: lte Raised on class: lte.Cell	Severity: variable Specific problem: VERY HIGH RACH ARRIVAL RATE (477) Implicitly cleared: true Default probable cause: unknown (1097)	<ul style="list-style-type: none"> • LR14.1.L • LR14.3.L
Description: This event indicates that the eNB has triggered Access Class Barring in a cell due to RACH overload.		
Impact: RACH overload can lead to increase UL interference. Access Class Barring is being triggered with the expectation that UL interference will be under control once Access Class Barring kicks in.		
Remedial action: No action is required.		

Table 28-401 IK4007013 - RFTRACE INVALID PARAMETER

Alarm	Attributes	Applicable major releases
Name: IK4007013 (2542) Type: processingErrorAlarm (81) Package: lte Raised on class: lte.ENBEquipment	Severity: variable Specific problem: RFTRACE INVALID PARAMETER (478) Implicitly cleared: true Default probable cause: unknown (1097)	<ul style="list-style-type: none"> • LR14.1.L • LR14.3.L
Description: This event indicates the parameter received for RF trace is invalid.		
Impact: RF Trace session is de-activated.		
Remedial action: No action is required.		

Table 28-402 IK4007014 - M3AP FAILURE

Alarm	Attributes	Applicable major releases
Name: IK4007014 (5217) Type: qualityOfServiceAlarm (82) Package: lte Raised on class: lte.Mce	Severity: variable Specific problem: M3AP FAILURE (479) Implicitly cleared: true Default probable cause: unknown (1097)	<ul style="list-style-type: none"> • LR14.1.L • LR14.3.L
Description: For the session identified by tmgi, the MCE has detected inconsistent or unsupported value of M3AP session parameters.		
Impact: The eMBMS session is not processed correctly.		
Remedial action: No action is required.		

Table 28-403 IK4007015 - CAC FAILURE BEGIN

Alarm	Attributes	Applicable major releases
Name: IK4007015 (5218) Type: qualityOfServiceAlarm (82) Package: lte Raised on class: lte.Cell	Severity: variable Specific problem: CAC FAILURE BEGIN (480) Implicitly cleared: true Default probable cause: unknown (1097)	<ul style="list-style-type: none"> • LR14.1.L • LR14.3.L
Description: This event indicates that CallIP reported a CAC failure.		
Impact: Some calls are rejected.		
Remedial action: No action is required.		

Table 28-404 IK4007016 - CAC FAILURE END

Alarm	Attributes	Applicable major releases
Name: IK4007016 (5219) Type: qualityOfServiceAlarm (82) Package: lte Raised on class: lte.Cell	Severity: variable Specific problem: CAC FAILURE END (481) Implicitly cleared: true Default probable cause: unknown (1097)	<ul style="list-style-type: none"> • LR14.1.L • LR14.3.L
Description: This event indicates that CallP reported the expiration of the monitoring time interval timer.		
Impact: No impact on eNodeB.		
Remedial action: No action is required.		

Table 28-405 IK4007017 - CONFIRMED COMMUNICATION ISSUE MET WITH UE SETUPS ON THIS CELL

Alarm	Attributes	Applicable major releases
Name: IK4007017 (5220) Type: communicationsAlarm (4) Package: lte Raised on class: lte.Cell	Severity: critical Specific problem: CONFIRMED COMMUNICATION ISSUE MET WITH UE SETUPS ON THIS CELL (482) Implicitly cleared: true Default probable cause: applicationSubsystemFailure (689)	<ul style="list-style-type: none"> • LR14.1.L • LR14.3.L
Description: This alarm indicates that an internal communication issue has been met for multiple UEs on this cell during the UE Setup procedure.		
Impact: LTE traffic is interrupted on this cell.		
Remedial action: Lock and then unlock the lteCell. If this fails to clear the fault then lock and unlock the modem (BB) board.		

Table 28-406 IK4007018 - PCI CONFUSION NEIGHB CELLS

Alarm	Attributes	Applicable major releases
Name: IK4007018 (5221) Type: operationalViolation (93) Package: lte Raised on class: lte.ENBEquipment	Severity: major Specific problem: PCI CONFUSION NEIGHB CELLS (483) Implicitly cleared: true Default probable cause: configurationOrCustomizationError (902)	<ul style="list-style-type: none"> • LR14.1.L • LR14.3.L
Description: This alarm indicates this eNB is a victim of PCI confusion, it has multiple neighbor cells that have the same PCI as each other. A manual intervention is needed to solve the problem. This issue may affect mobility procedures in any of the eNodeB cells.		
Impact: Mobility procedure triggered in the cell may be directed to a wrong neighboring cell, leading to further call drops.		

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Alarm	Attributes	Applicable major releases
<p>Remedial action: The maintenance action has to be done in one of the neighbour eNBs. The issue is also reported by Alarms in these eNBs. If the automatic PCI allocation is activated in these eNBs: (1) If a Warning Alarm is raised, the issue will be automatically solved in the next maintenance window; (2) If a Major Alarm is raised, the issue cannot be automatically solved. It is necessary to increase the list of allowed PCI values, and the issue will be automatically solved in the next maintenance window. If the automatic PCI allocation is not activated in these eNBs: A Major Alarm is raised. It is necessary to change the PCI value of one of the actor cell of the issue.</p>		

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Table 28-407 IK4007019 - UBM FAILED

Alarm	Attributes	Applicable major releases
Name: IK4007019 (2543) Type: processingErrorAlarm (81) Package: Ite Raised on class: Ite.ENBEquipment	Severity: variable Specific problem: UBM FAILED (484) Implicitly cleared: true Default probable cause: unknown (1097)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
<p>Description: This event indicates a non-response of UBM entity detected by UeCallIP.</p>		
<p>Impact: The eNodeB performance is low.</p>		
<p>Remedial action: No action is required.</p>		

Table 28-408 IK4007020 - PCI CONFUSION

Alarm	Attributes	Applicable major releases
Name: IK4007020 (5222) Type: operationalViolation (93) Package: Ite Raised on class: Ite.Cell	Severity: major Specific problem: PCI CONFUSION (485) Implicitly cleared: true Default probable cause: configurationOrCustomizationError (902)	<ul style="list-style-type: none"> • LR14.1.L • LR14.3.L
<p>Description: This alarm indicates a PCI confusion between the cell and a neighbour cell of a neighbour cell. A manual intervention is needed to solve the problem. This can happen in the following cases: (1)The conflict could not be solved autonomously by the eNB; (2)The automatic PCI allocation is not activated.</p>		
<p>Impact: Mobility procedure triggered in the neighbour cell may be directed to a wrong neighboring cell, leading to further call drops. The list of potentially victim eNBs is displayed.</p>		
<p>Remedial action: If the automatic PCI allocation is activated: Increase the list of allowed PCI values, either for the local or for the distant eNodeB; If the automatic PCI allocation is not activated: Change the PCI value, either for the local or the distant cell.</p>		

Table 28-409 IK4007021 - UE CALLP WARNING

Alarm	Attributes	Applicable major releases
Name: IK4007021 (2544) Type: processingErrorAlarm (81) Package: lte Raised on class: lte.ENBEquipment	Severity: variable Specific problem: UE CALLP WARNING (486) Implicitly cleared: true Default probable cause: unknown (1097)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This event indicates a warning reported by UeCallP.		
Impact: No impact on eNodeB.		
Remedial action: No action is required.		

Table 28-410 IK4007022 - MME S1 SETUP FAILURE RESPONSE

Alarm	Attributes	Applicable major releases
Name: IK4007022 (2545) Type: communicationsAlarm (4) Package: lte Raised on class: lte.MmeAccess	Severity: critical Specific problem: MME S1 SETUP FAILURE RESPONSE (487) Implicitly cleared: true Default probable cause: communicationsProtocolError (901)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This alarm indicates a persistent S1_SETUP_FAILURE_RESPONSE from MME detected by CallIPMgr.		
Impact: If S1 flex is available, the eNodeB performance is low. If the S1 flex is not available, the eNodeB service is not possible.		
Remedial action: Check the behavior of the MME.		

Table 28-411 IK4007023 - MME S1 SETUP NO RESPONSE

Alarm	Attributes	Applicable major releases
Name: IK4007023 (2546) Type: communicationsAlarm (4) Package: lte Raised on class: lte.MmeAccess	Severity: critical Specific problem: MME S1 SETUP NO RESPONSE (488) Implicitly cleared: true Default probable cause: communicationsProtocolError (901)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This alarm indicates a persistent NO_RESPONSE from MME detected by CallIPMgr.		
Impact: If S1 flex is available, the eNodeB performance is low. If the S1 flex is not available, the eNodeB service is not possible.		
Remedial action: Check the behavior of the MME.		

Table 28-412 IK4007024 - TIME FOR SESSION START STOP or UPDATE

Alarm	Attributes	Applicable major releases
Name: IK4007024 (5223) Type: integrityViolation (85) Package: Ite Raised on class: Ite.Mce	Severity: variable Specific problem: TIME FOR SESSION START STOP or UPDATE (489) Implicitly cleared: true Default probable cause: unknown (1097)	<ul style="list-style-type: none"> • LR14.1.L • LR14.3.L
Description: This event indicates that there is no absolute time has been provided in any received M3 MBMS Session Start Request, M3 MBMS Session Stop Request or M3 MBMS Session Update Request message.		
Impact: MbsfnArea allocation inconsistency might occur		
Remedial action: No action is required.		

Table 28-413 IK4007025 - IMMEDIATE LOAD CONTROL BEGIN

Alarm	Attributes	Applicable major releases
Name: IK4007025 (5224) Type: qualityOfServiceAlarm (82) Package: Ite Raised on class: Ite.Cell	Severity: variable Specific problem: IMMEDIATE LOAD CONTROL BEGIN (490) Implicitly cleared: true Default probable cause: unknown (1097)	<ul style="list-style-type: none"> • LR14.1.L • LR14.3.L
Description: This event indicate that immediate load control procedure begins.		
Impact: No impact		
Remedial action: No action is required.		

Table 28-414 IK4007026 - ENB CANDIDATE X2 SETUP FAILURE

Alarm	Attributes	Applicable major releases
Name: IK4007026 (2547) Type: communicationsAlarm (4) Package: Ite Raised on class: Ite.X2Access	Severity: critical Specific problem: ENB CANDIDATE X2 SETUP FAILURE (491) Implicitly cleared: true Default probable cause: communicationsProtocolError (901)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This alarm indicates a persistent X2_SETUP_FAILURE from eNodeB_CAND IDATE detected by CallpMgr.		
Impact: The service is available, even with no X2 established, but the eNodeB performance is low.		
Remedial action: Check the behavior of the candidate eNodeB. If the alarm persists, check provisioning of the initiating and candidate eNodeBs.		

Table 28-415 IK4007027 - ENB CANDIDATE X2 SETUP NO RESPONSE

Alarm	Attributes	Applicable major releases
Name: IK4007027 (2548) Type: communicationsAlarm (4) Package: lte Raised on class: lte.X2Access	Severity: critical Specific problem: ENB CANDIDATE X2 SETUP NO RESPONSE (492) Implicitly cleared: true Default probable cause: communicationsProtocolError (901)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This alarm indicates a persistent NO_RESPONSE from eNodeB_CAND IDATE detected by CallMgr.		
Impact: The service is available, even with no X2 established, but the eNodeB performance is low.		
Remedial action: Check the behavior of the candidate eNodeB. If the alarm persists, check provisioning of the initiating and candidate eNodeBs.		

Table 28-416 IK4007028 - IMMEDIATE LOAD CONTROL END

Alarm	Attributes	Applicable major releases
Name: IK4007028 (5225) Type: qualityOfServiceAlarm (82) Package: lte Raised on class: lte.Cell	Severity: variable Specific problem: IMMEDIATE LOAD CONTROL END (493) Implicitly cleared: true Default probable cause: unknown (1097)	<ul style="list-style-type: none"> • LR14.1.L • LR14.3.L
Description: This event indicate that immediate load control procedure ends.		
Impact: No impact		
Remedial action: No action is required.		

Table 28-417 IK4007029 - TELECOM SW FAILURE AT ENB

Alarm	Attributes	Applicable major releases
Name: IK4007029 (5226) Type: processingErrorAlarm (81) Package: lte Raised on class: lte.ENBEquipment	Severity: critical Specific problem: TELECOM SW FAILURE AT ENB (494) Implicitly cleared: true Default probable cause: communicationsSubsystemFailure (915)	<ul style="list-style-type: none"> • LR14.1.L
Description: This alarm will trigger all MAS reset, and cell disable on all cells before restarting all MAS and all cells.		
Impact: Cells are down during cell recovery procedure		
Remedial action: No action required. Cells will be deleted and rebuilt automatically		

Table 28-418 IK4007045 - ENB X2 SETUP REQ RESP FAIL UNKNOWN X2 ACCESS ID

Alarm	Attributes	Applicable major releases
Name: IK4007045 (2549) Type: communicationsAlarm (4) Package: Ite Raised on class: Ite.ENBEquipment	Severity: variable Specific problem: ENB X2 SETUP REQ RESP FAIL UNKNOWN X2 ACCESS ID (495) Implicitly cleared: true Default probable cause: unknown (1097)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: The eNodeB is implementing a check for future IOT. Common message like X2SAP X2 SETUP REQUEST/RESPONSE/FAILURE are received on a known X2 Access Id. If an unsolicited X2SAP X2 SETUP REQUEST message is received on an unknown X2 Access Id, the eNodeB answers with a X2SAP SETUP FAILURE and raises the event. If an unsolicited X2SAP X2 SETUP RESPONSE/FAILURE message is received on an unknown X2 ACCESS Id the eNodeB ignores the message and raises the event.		
Impact: If multiple X2 are available, the eNodeB performance is low. If an X2 is present, the eNodeB service is not available.		
Remedial action: No action is required.		

Table 28-419 IK4007046 - ANR X2IP ADDR RETRIEVAL FAILURE

Alarm	Attributes	Applicable major releases
Name: IK4007046 (2550) Type: processingErrorAlarm (81) Package: Ite Raised on class: Ite.X2Access	Severity: major Specific problem: ANR X2IP ADDR RETRIEVAL FAILURE (496) Implicitly cleared: true Default probable cause: communicationsProtocolError (901)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This alarm indicates the X2 IP address retrieval failure. When this alarm is raised, X2TransportLayerAccess is {Disabled, Failed} (and X2Access {Disabled, dependency}).		
Impact: The X2 link is not established until an IP address is assigned.		
Remedial action: Set the IP address manually.		

Table 28-420 IK4007052 - CALLTRACE ACTIVATION FAILURE

Alarm	Attributes	Applicable major releases
Name: IK4007052 (2552) Type: processingErrorAlarm (81) Package: Ite Raised on class: Ite.ENBEquipment	Severity: variable Specific problem: CALLTRACE ACTIVATION FAILURE (498) Implicitly cleared: true Default probable cause: unknown (1097)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This event indicates the failure to activate a new trace recording session.		
Impact: No impact on eNodeB.		
Remedial action: No action is required.		

Table 28-421 IK4007053 - CALLTRACE SIGN TRACE STOPPED BY MGT TRACE

Alarm	Attributes	Applicable major releases
Name: IK4007053 (2553) Type: processingErrorAlarm (81) Package: Ite Raised on class: Ite.ENBEquipment	Severity: variable Specific problem: CALLTRACE SIGN TRACE STOPPED BY MGT TRACE (499) Implicitly cleared: true Default probable cause: unknown (1097)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This event indicates that the signaling based trace session is stopped when eNodeB received a management based trace session activation request.		
Impact: No impact on eNodeB.		
Remedial action: No action is required.		

Table 28-422 IK4007054 - CALLTRACE COLLECTION FAILURE

Alarm	Attributes	Applicable major releases
Name: IK4007054 (2554) Type: processingErrorAlarm (81) Package: Ite Raised on class: Ite.ENBEquipment	Severity: variable Specific problem: CALLTRACE COLLECTION FAILURE (500) Implicitly cleared: true Default probable cause: unknown (1097)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This event indicates the failure to collect trace data.		
Impact: No impact on eNodeB.		
Remedial action: No action is required.		

Table 28-423 IK4007055 - CALLTRACE INVALID PARAMETER

Alarm	Attributes	Applicable major releases
Name: IK4007055 (2555) Type: processingErrorAlarm (81) Package: Ite Raised on class: Ite.ENBEquipment	Severity: variable Specific problem: CALLTRACE INVALID PARAMETER (501) Implicitly cleared: true Default probable cause: unknown (1097)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This even indicates the parameter received for call trace is invalid.		
Impact: Call Trace session is de-activated.		
Remedial action: No action is required.		

Table 28-424 IK4007056 - DSIM CELL AUTO BARRED

Alarm	Attributes	Applicable major releases
Name: IK4007056 (2556) Type: communicationsAlarm (4) Package: lte Raised on class: lte.Cell	Severity: major Specific problem: DSIM CELL AUTO BARRED (502) Implicitly cleared: true Default probable cause: communicationsProtocolError (901)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This alarm indicates that the cell is auto-barred. If Dynamic Sysinfo Modification feature activated and MIM parameter LteCell.cellBarred set to 'notBarredAutoBarrable', the cell is auto-barred due to S1 service loss. This alarm is cleared when the cell is auto-unbarred due to S1 service recovery. When this alarm is raised, the related LteCell instance is {Enabled, Off-duty}.		
Impact: The cell cannot provide service as the cell is barred from use.		
Remedial action: Resolve the S1 faults and restore S1 service.		

Table 28-425 IK4007057 - MME S1AP COMMON MESSAGE BAD ROUTING

Alarm	Attributes	Applicable major releases
Name: IK4007057 (2557) Type: qualityOfServiceAlarm (82) Package: lte Raised on class: lte.MmeAccess	Severity: variable Specific problem: MME S1AP COMMON MESSAGE BAD ROUTING (503) Implicitly cleared: true Default probable cause: unknown (1097)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This event indicates that the UeCallIp was routed a non-UE associated message.		
Impact: The UeCallIP discards the non-UE associated message.		
Remedial action: No action is required.		

Table 28-426 IK4007058 - MME S1AP DEDICATED MESSAGE BAD ROUTING

Alarm	Attributes	Applicable major releases
Name: IK4007058 (2558) Type: qualityOfServiceAlarm (82) Package: lte Raised on class: lte.MmeAccess	Severity: variable Specific problem: MME S1AP DEDICATED MESSAGE BAD ROUTING (504) Implicitly cleared: true Default probable cause: unknown (1097)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This event indicates that CallPmgr was routed an UE associated message, that was therefore discarded.		
Impact: The CallIPMgr discards the UE associated message.		
Remedial action: No action is required.		

Table 28-427 IK4007059 - ENB X2AP MESSAGE MISMATCH

Alarm	Attributes	Applicable major releases
Name: IK4007059 (2559) Type: communicationsAlarm (4) Package: lte Raised on class: lte.X2Access	Severity: variable Specific problem: ENB X2AP MESSAGE MISMATCH (505) Implicitly cleared: true Default probable cause: unknown (1097)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This event indicates the fault when X2AP message including 'served cell info' is received. CallIP cross-checks in the MiM neighboring cells relating to a remote eNodeB with list of served cells received from the current eNodeB. This fault can be triggered upon reception of X2AP X2 SETUP REQUEST, X2AP X2 SETUP RESPONSE or X2AP ENB CONFIGURATION UPDATE. This event is not used when ANR is activated because the cross-check is not performed.		
Impact: The eNodeB performance is low. The ENB configurations are not coherent. The callIP uses MiM data for mobility that leads to handover failures.		
Remedial action: No action is required.		

Table 28-428 IK4007071 - L1L2 SYS INFO REFUSED

Alarm	Attributes	Applicable major releases
Name: IK4007071 (2571) Type: processingErrorAlarm (81) Package: lte Raised on class: lte.Cell	Severity: critical Specific problem: L1L2 SYS INFO REFUSED (506) Implicitly cleared: true Default probable cause: configurationOrCustomizationError (902)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This alarm indicates that the BB L1/L2 entity rejected system information broadcast.		
Impact: The LTE service is not possible on the affected cell if the initial sets of sysinfo is refused.		
Remedial action: 1 - lock the cell. 2- correct the wrong configuration value. 3- unlock the cell.		

Table 28-429 IK4007072 - L1L2 SYS INFO TIMEOUT

Alarm	Attributes	Applicable major releases
Name: IK4007072 (2572) Type: processingErrorAlarm (81) Package: lte Raised on class: lte.Cell	Severity: critical Specific problem: L1L2 SYS INFO TIMEOUT (507) Implicitly cleared: true Default probable cause: configurationOrCustomizationError (902)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This alarm indicates a no-response from BB L1/L2 entity detected during the system information broadcast procedure.		
Impact: The LTE service is not possible on the affected cell.		
Remedial action: Lock and unlock the Cell. If the alarm persists, call the next level of support.		

Table 28-430 IK4007073 - L1L2 CONFIG ERROR CELL SETUP

Alarm	Attributes	Applicable major releases
Name: IK4007073 (2573) Type: processingErrorAlarm (81) Package: Ite Raised on class: Ite.Cell	Severity: critical Specific problem: L1L2 CONFIG ERROR CELL SETUP (508) Implicitly cleared: true Default probable cause: configurationOrCustomizationError (902)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This alarm indicates a configuration error from BB L1/L2 entity detected during the Cell Setup procedure.		
Impact: The LTE service is not possible on the affected cell.		
Remedial action: Verify and correct the configuration data in the LTE CELL or CELL CONF.		

Table 28-431 IK4007074 - L1L2 CELL SETUP REFUSED

Alarm	Attributes	Applicable major releases
Name: IK4007074 (2574) Type: processingErrorAlarm (81) Package: Ite Raised on class: Ite.Cell	Severity: critical Specific problem: L1L2 CELL SETUP REFUSED (509) Implicitly cleared: true Default probable cause: configurationOrCustomizationError (902)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This alarm indicates that the BB L1/L2 entity rejected the cell setup.		
Impact: The LTE service is not possible on the affected cell.		
Remedial action: Call the next level of support.		

Table 28-432 IK4007075 - L1L2 CELL SETUP TIMEOUT

Alarm	Attributes	Applicable major releases
Name: IK4007075 (2575) Type: processingErrorAlarm (81) Package: Ite Raised on class: Ite.Cell	Severity: critical Specific problem: L1L2 CELL SETUP TIMEOUT (510) Implicitly cleared: true Default probable cause: configurationOrCustomizationError (902)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This alarm indicates a no-response from BB L1/L2 entity detected during the Cell Setup procedure .		
Impact: The LTE service is not possible on the affected cell.		
Remedial action: Lock and unlock the cell. If the alarm persists, call the next level of support.		

Table 28-433 IK4007079 - L1L2 CONFIG ERROR SYS INFO

Alarm	Attributes	Applicable major releases
Name: IK4007079 (2579) Type: processingErrorAlarm (81) Package: lte Raised on class: lte.Cell	Severity: critical Specific problem: L1L2 CONFIG ERROR SYS INFO (514) Implicitly cleared: true Default probable cause: configurationOrCustomizationError (902)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This alarm indicates configuration error from BB L1/L2 entity detected during system information broadcast.		
Impact: The LTE service is not possible on the affected cell.		
Remedial action: Verify and correct the configuration data in the LTE CELL or CELL CONF.		

Table 28-434 IK4007080 - CAC FAILURE BEGIN

Alarm	Attributes	Applicable major releases
Name: IK4007080 (2580) Type: qualityOfServiceAlarm (82) Package: lte Raised on class: lte.Cell	Severity: variable Specific problem: CAC FAILURE BEGIN (480) Implicitly cleared: true Default probable cause: configurationOrCustomizationError (902)	<ul style="list-style-type: none"> • LR13.3
Description: This event indicates that CallIP reported a CAC failure.		
Impact: Some calls are rejected.		
Remedial action: No action is required.		

Table 28-435 IK4007081 - CAC FAILURE END

Alarm	Attributes	Applicable major releases
Name: IK4007081 (2581) Type: qualityOfServiceAlarm (82) Package: lte Raised on class: lte.Cell	Severity: variable Specific problem: CAC FAILURE END (481) Implicitly cleared: true Default probable cause: configurationOrCustomizationError (902)	<ul style="list-style-type: none"> • LR13.3
Description: This event indicates that CallIP reported the expiration of the monitoring time interval timer.		
Impact: No impact on eNodeB.		
Remedial action: No action is required.		

Table 28-436 IK4007082 - L1L2 CONFIG MEAS FAILURE

Alarm	Attributes	Applicable major releases
Name: IK4007082 (2582) Type: processingErrorAlarm (81) Package: Ite Raised on class: Ite.Cell	Severity: warning Specific problem: L1L2 CONFIG MEAS FAILURE (515) Implicitly cleared: true Default probable cause: configurationOrCustomizationError (902)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This alarm indicates that Measurement Configuration failed at L1/L2 entity level.		
Impact: No impact on eNodeB. Radio Access Control evolution feature not activated.		
Remedial action: Call the next level of support.		

Table 28-437 IK4007083 - PCI COLLISION DETECTED UNDER RESOLUTION

Alarm	Attributes	Applicable major releases
Name: IK4007083 (2583) Type: operationalViolation (93) Package: Ite Raised on class: Ite.Cell	Severity: warning Specific problem: PCI COLLISION DETECTED UNDER RESOLUTION (516) Implicitly cleared: true Default probable cause: configurationOrCustomizationError (902)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This alarm indicates a PCI collision between the cell and a neighbour one. The eNodeB attempts for a resolution.		
Impact: Interference in reference signal of conflicting cells, preventing potentially Ues to select these cells.		
Remedial action: If the alarm persists, call the next level of support.		

Table 28-438 IK4007084 - PCI COLLISION DETECTED

Alarm	Attributes	Applicable major releases
Name: IK4007084 (2584) Type: operationalViolation (93) Package: Ite Raised on class: Ite.Cell	Severity: critical Specific problem: PCI COLLISION DETECTED (517) Implicitly cleared: true Default probable cause: configurationOrCustomizationError (902)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This alarm indicates a PCI collision between the cell and a neighbour one, or between the cell and another one of the same eNB. A manual intervention is needed to solve the problem. This can happen in the following cases: - The conflict could not be solved autonomously by the eNB; - The automatic PCI allocation is not activated		
Impact: Interference in reference signal of conflicting cells, preventing potentially Ues to select these cells.		
Remedial action: Increase the list of allowed PCI values, either for the local or for the distant eNodeB when the other contributor is distant.		

Table 28-439 IK4007085 - PCI CONFUSION DETECTED UNDER RESOLUTION

Alarm	Attributes	Applicable major releases
Name: IK4007085 (2585) Type: operationalViolation (93) Package: Ite Raised on class: Ite.Cell	Severity: warning Specific problem: PCI CONFUSION DETECTED UNDER RESOLUTION (518) Implicitly cleared: true Default probable cause: configurationOrCustomizationError (902)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This alarm indicates a PCI confusion between the cell and a neighbour one. The eNodeB attempts for a resolution.		
Impact: Mobility procedure triggered in the cell is directed to a wrong neighboring cell, leading to further call drops.		
Remedial action: If the alarm persists, call the next level of support.		

Table 28-440 IK4007088 - ENB X2 COMMON MESSAGE BAD ROUTING

Alarm	Attributes	Applicable major releases
Name: IK4007088 (2588) Type: qualityOfServiceAlarm (82) Package: Ite Raised on class: Ite.X2Access	Severity: variable Specific problem: ENB X2 COMMON MESSAGE BAD ROUTING (519) Implicitly cleared: true Default probable cause: unknown (1097)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This event indicates a X2-AP non-UE associated message is routed to UeCallIP.		
Impact: The X2-AP non-UE associated message is not processed and is discarded by UeCallIP.		
Remedial action: No action is required.		

Table 28-441 IK4007089 - ENB X2 DEDICATED MESSAGE BAD ROUTING

Alarm	Attributes	Applicable major releases
Name: IK4007089 (2589) Type: qualityOfServiceAlarm (82) Package: Ite Raised on class: Ite.X2Access	Severity: variable Specific problem: ENB X2 DEDICATED MESSAGE BAD ROUTING (520) Implicitly cleared: true Default probable cause: unknown (1097)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This event indicates a X2-AP UE associated message is routed to CallPMgr.		
Impact: The X2-AP UE associated message is not processed and is discarded by CallPMgr.		
Remedial action: No action is required.		

Table 28-442 IK4007091 - PCI DETECTION OF INTERFERENCE

Alarm	Attributes	Applicable major releases
Name: IK4007091 (2590) Type: operationalViolation (93) Package: Ite Raised on class: Ite.Cell	Severity: critical Specific problem: PCI DETECTION OF INTERFERENCE (521) Implicitly cleared: true Default probable cause: communicationsProtocolError (901)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This alarm indicates the PCI interference.		
Impact: Interference in reference signal of conflicting cells. Impacts UE performance in the cells.		
Remedial action: Increase the list of allowed PCI values for the serving eNodeB. The eNodeB must be able to allocate PCIs that are different modulo 3 for its cells (or for a cell and 2 co-sector cells), so the 3 values of PCI mod 3 must be present in the list of allowed PCI values. In case all the cells of a site raise an Interference alarm, check the configuration as it may inform about a site configuration error (too many cells in a site, wrong omni or cell azimuth in a site).		

Table 28-443 IK4007092 - PCI ASSIGNMENT

Alarm	Attributes	Applicable major releases
Name: IK4007092 (2591) Type: communicationsAlarm (4) Package: Ite Raised on class: Ite.Cell	Severity: variable Specific problem: PCI ASSIGNMENT (522) Implicitly cleared: true Default probable cause: unknown (1097)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This event indicates that the PCI of the cell is assigned or re-assigned by the eNodeB during eNodeB startup.		
Impact: The Cell is running with a new PCI. The new value will be synched up to SAM shortly.		
Remedial action: No action is required.		

Table 28-444 IK4007093 - ANR SERVED CELL INFO NOT HANDLED

Alarm	Attributes	Applicable major releases
Name: IK4007093 (2592) Type: communicationsAlarm (4) Package: Ite Raised on class: Ite.ENBEquipment	Severity: variable Specific problem: ANR SERVED CELL INFO NOT HANDLED (523) Implicitly cleared: true Default probable cause: unknown (1097)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This event indicates that the served cell and neighbor cell information received over X2 interface is not handled, because internal eNodeB tables reached the dimensioning limits.		
Impact: No impact on eNodeB.		
Remedial action: No action is required.		

Table 28-445 IK4007094 - ENB CANDIDATE X2 ENB CONFIGURATION UPDATE FAILURE

Alarm	Attributes	Applicable major releases
Name: IK4007094 (2593) Type: communicationsAlarm (4) Package: lte Raised on class: lte.X2Access	Severity: variable Specific problem: ENB CANDIDATE X2 ENB CONFIGURATION UPDATE FAILURE (524) Implicitly cleared: true Default probable cause: unknown (1097)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This event indicates a persistent X2_ENB_CONFIGURATION_UPDATE_FAILURE message from eNB_Candidate eNodeB2 network element detected by CallpMgr.		
Impact: The service is degraded (with multiple X2s). The service is no longer available (without multiple X2s).		
Remedial action: No action is required.		

Table 28-446 IK4007095 - ENB CANDIDATE X2 ENB CONFIGURATION UPDATE NO RESPONSE

Alarm	Attributes	Applicable major releases
Name: IK4007095 (2594) Type: communicationsAlarm (4) Package: lte Raised on class: lte.X2Access	Severity: variable Specific problem: ENB CANDIDATE X2 ENB CONFIGURATION UPDATE NO RESPONSE (525) Implicitly cleared: true Default probable cause: unknown (1097)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This event indicates a persistent NO_RESPONSE from eNodeB_CANDIDATE eNodeB2 network element detected by CallpMgr.		
Impact: The service is degraded (with multiple X2s). The service is no longer available (without multiple X2s).		
Remedial action: No action is required.		

Table 28-447 IK4007096 - MME S1 ENB CONFIGURATION UPDATE FAILURE RESPONSE

Alarm	Attributes	Applicable major releases
Name: IK4007096 (2595) Type: qualityOfServiceAlarm (82) Package: lte Raised on class: lte.MmeAccess	Severity: variable Specific problem: MME S1 ENB CONFIGURATION UPDATE FAILURE RESPONSE (526) Implicitly cleared: true Default probable cause: unknown (1097)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This event indicates a persistent S1_ENB_CONFIGURATION_UPDATE_FAILURE_RESPONSE from MME network element detected by CallpMgr.		
Impact: The service is degraded (with S1 flex). The service is no longer available (without S1 flex).		
Remedial action: No action is required.		

Table 28-448 IK4007097 - MME S1 ENB CONFIGURATION UPDATE NO RESPONSE

Alarm	Attributes	Applicable major releases
Name: IK4007097 (2596) Type: qualityOfServiceAlarm (82) Package: Ite Raised on class: Ite.MmeAccess	Severity: variable Specific problem: MME S1 ENB CONFIGURATION UPDATE NO RESPONSE (527) Implicitly cleared: true Default probable cause: unknown (1097)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This event indicates a persistent NO_RESPONSE from MME network element detected by CallPMgr.		
Impact: The service is degraded (with S1 flex). The service is no longer available (without S1 flex).		
Remedial action: No action is required.		

Table 28-449 IK4007098 - INCONSISTENT IP ADDRESS

Alarm	Attributes	Applicable major releases
Name: IK4007098 (2597) Type: communicationsAlarm (4) Package: Ite Raised on class: Ite.X2Access	Severity: variable Specific problem: INCONSISTENT IP ADDRESS (528) Implicitly cleared: true Default probable cause: unknown (1097)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This event indicates that the IP address attached to X2TransportLayerAccess instance depending on the X2Access instance is not correct.		
Impact: No impact on eNodeB.		
Remedial action: No action is required.		

Table 28-450 IK4007099 - GERAN SYS INFO TRANSFER INITIATION REPORT FAILURE

Alarm	Attributes	Applicable major releases
Name: IK4007099 (2598) Type: communicationsAlarm (4) Package: Ite Raised on class: Ite.BscAccess	Severity: minor Specific problem: GERAN SYS INFO TRANSFER INITIATION REPORT FAILURE (529) Implicitly cleared: true Default probable cause: communicationsProtocolError (901)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This alarm indicates that CallP does not manage to retrieve the system information (SI/PSI) of a target GERAN cell using RIM RAN-INFORMATION-REQUEST/multiple report.		
Impact: The service is degraded: the eNodeB is not able to provide SI/PSI of the target GERAN Cell identified in the Cell Change Order command sent to the UE.		
Remedial action: Check for the proper functioning of the following: 1. GERAN cell provisioning; 2. RIM support for MME and SGSN; 3. IP routing path between eNodeB S1 interface IP endpoint and target BSC.		

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Table 28-451 IK4007100 - GERAN SYS INFO TRANSFER STOP FAILURE

Alarm	Attributes	Applicable major releases
Name: IK4007100 (2599) Type: communicationsAlarm (4) Package: Ite Raised on class: Ite.BscAccess	Severity: variable Specific problem: GERAN SYS INFO TRANSFER STOP FAILURE (530) Implicitly cleared: true Default probable cause: unknown (1097)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This event indicates that CallP does not manage to stop event-driven system information (SI/PSI) of a target GERAN Cell using RIM RAN-INFORMATION-REQUEST/stop.		
Impact: No impact on service.		
Remedial action: No action is required.		

Table 28-452 IK4007101 - GERAN SYS INFO UPDATE END

Alarm	Attributes	Applicable major releases
Name: IK4007101 (2600) Type: communicationsAlarm (4) Package: Ite Raised on class: Ite.BscAccess	Severity: variable Specific problem: GERAN SYS INFO UPDATE END (531) Implicitly cleared: true Default probable cause: unknown (1097)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This event indicates that the eNodeB CallP has received RIM RAN-INFORMATION/end message from a target BSC indicating that event-driven system information update for a target GERAN cell has been stopped.		
Impact: The service is degraded: the eNodeB is not able to provide SI/PSI of the target GERAN cell identified in Cell Change Order command sent to the UE.		
Remedial action: No action is required.		

Table 28-453 IK4007102 - RAN INFORMATION ERROR

Alarm	Attributes	Applicable major releases
Name: IK4007102 (2601) Type: communicationsAlarm (4) Package: Ite Raised on class: Ite.BscAccess	Severity: variable Specific problem: RAN INFORMATION ERROR (532) Implicitly cleared: true Default probable cause: unknown (1097)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This event indicates that there is an error in RIM container IE when eNodeB receive RIM message from peer node or RAN-INFORMATION-ERROR message is received from peer node.		
Impact: This is an IOT issue.		
Remedial action: No action is required.		

Table 28-454 IK4007103 - RAN INFORMATION APPLICATION ERROR

Alarm	Attributes	Applicable major releases
Name: IK4007103 (2602) Type: communicationsAlarm (4) Package: lte Raised on class: lte.BscAccess	Severity: variable Specific problem: RAN INFORMATION APPLICATION ERROR (533) Implicitly cleared: true Default probable cause: unknown (1097)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This event indicates there is an error in application container IE or there is application error container IE when eNodeB receive RIM message from peer node.		
Impact: This is an IOT issue.		
Remedial action: No action is required.		

Table 28-455 IK4007104 - CELL SETUP ARP TIMEOUT

Alarm	Attributes	Applicable major releases
Name: IK4007104 (2603) Type: qualityOfServiceAlarm (82) Package: lte Raised on class: lte.Cell	Severity: critical Specific problem: CELL SETUP ARP TIMEOUT (534) Implicitly cleared: true Default probable cause: configurationOrCustomizationError (902)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This alarm indicates a non-response to an ARP resolution request detected during the Cell Setup procedure.		
Impact: lteCell configuration is not possible.		
Remedial action: Call the next level of support.		

Table 28-456 IK4007105 - L1L2 CONFIG REFUSED CELL DELETE

Alarm	Attributes	Applicable major releases
Name: IK4007105 (2604) Type: processingErrorAlarm (81) Package: lte Raised on class: lte.BBCardSpecifics	Severity: major Specific problem: L1L2 CONFIG REFUSED CELL DELETE (535) Implicitly cleared: true Default probable cause: configurationOrCustomizationError (902)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This alarm indicates the cell deletion for logical cell resetting procedure is rejected by the BB entity.		
Impact: The service is not possible on this BB		
Remedial action: Lock then unlock the BB.		

Table 28-457 IK4007106 - L1L2 CONFIG TIMEOUT CELL DELETE

Alarm	Attributes	Applicable major releases
Name: IK4007106 (2605) Type: processingErrorAlarm (81) Package: lte Raised on class: lte.BBCardSpecifics	Severity: major Specific problem: L1L2 CONFIG TIMEOUT CELL DELETE (536) Implicitly cleared: true Default probable cause: configurationOrCustomizationError (902)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This alarm indicates a non-response from BB entity for cell deletion in the logical cell resetting procedure.		
Impact: The service is not possible on this BB		
Remedial action: Lock then unlock the BB.		

Table 28-458 IK4007107 - CELL CLEAN UP FAILURE

Alarm	Attributes	Applicable major releases
Name: IK4007107 (2606) Type: processingErrorAlarm (81) Package: lte Raised on class: lte.BBCardSpecifics	Severity: major Specific problem: CELL CLEAN UP FAILURE (537) Implicitly cleared: true Default probable cause: configurationOrCustomizationError (902)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This alarm indicates a cell deletion failure when cell clean-up is triggered by lteCell instance deletion online, parameter update or when software failure happens		
Impact: The service is not possible on this BB		
Remedial action: Lock then unlock the BB.		

Table 28-459 IK4007108 - ENB X2 PLMN INCONSISTENCY

Alarm	Attributes	Applicable major releases
Name: IK4007108 (2607) Type: communicationsAlarm (4) Package: lte Raised on class: lte.X2Access	Severity: variable Specific problem: ENB X2 PLMN INCONSISTENCY (538) Implicitly cleared: true Default probable cause: unknown (1097)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This event indicates an inconsistency between the PLMN ID of Global eNB ID, Served Cell Information or Neighbour Information received from candidate eNB in X2AP message (X2 SETUP REQUEST, X2 SETUP RESPONSE, ENB CONFIGURATION UPDATE) and local eNodeB's PLMN ID.		
Impact: Handover to the remote eNodeB is restricted.		
Remedial action: No action is required.		

Table 28-460 IK4007109 - L1L2 CONFIG ERROR CELL UPDATE

Alarm	Attributes	Applicable major releases
Name: IK4007109 (2608) Type: processingErrorAlarm (81) Package: lte Raised on class: lte.Cell	Severity: major Specific problem: L1L2 CONFIG ERROR CELL UPDATE (539) Implicitly cleared: true Default probable cause: configurationOrCustomizationError (902)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This alarm indicates a configuration error detected by BB entity for the cell update procedure.		
Impact: The LTE service is affected on this cell. If power settings were changed, inconsistency between SIBs broadcast to UEs and modem power settings configuration can exist.		
Remedial action: Check and correct the wrong parameter.		

Table 28-461 IK4007110 - L1L2 CONFIG REFUSED CELL UPDATE

Alarm	Attributes	Applicable major releases
Name: IK4007110 (2609) Type: processingErrorAlarm (81) Package: lte Raised on class: lte.Cell	Severity: major Specific problem: L1L2 CONFIG REFUSED CELL UPDATE (540) Implicitly cleared: true Default probable cause: configurationOrCustomizationError (902)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This alarm indicates a cell update is refused by the BB entity.		
Impact: The LTE service is affected on this cell. If power settings were changed, inconsistency between SIBs broadcast to UEs and modem power settings configuration can exist.		
Remedial action: Call the next level of support.		

Table 28-462 IK4007111 - L1L2 CONFIG TIMEOUT CELL UPDATE

Alarm	Attributes	Applicable major releases
Name: IK4007111 (2610) Type: processingErrorAlarm (81) Package: lte Raised on class: lte.Cell	Severity: major Specific problem: L1L2 CONFIG TIMEOUT CELL UPDATE (541) Implicitly cleared: true Default probable cause: configurationOrCustomizationError (902)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This alarm indicates a non-response by the BB entity to the cell update procedure.		
Impact: The LTE service is affected on this cell. If power settings were changed, inconsistency between SIBs broadcast to UEs and modem power settings configuration can exist.		
Remedial action: Lock and unlock the cell. If the alarm persists. Call the next level of support.		

Table 28-463 IK4007112 - MME S1 SETUP REQUEST NOT SENT

Alarm	Attributes	Applicable major releases
Name: IK4007112 (2611) Type: communicationsAlarm (4) Package: Ite Raised on class: Ite.MmeAccess	Severity: critical Specific problem: MME S1 SETUP REQUEST NOT SENT (542) Implicitly cleared: true Default probable cause: communicationsProtocolError (901)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This alarm indicates that the S1 Setup Request has not been sent because of an internal problem.		
Impact: The service is degraded (with S1 flex). The service is no longer available (without S1 flex).		
Remedial action: Check the parameters.		

Table 28-464 IK4007113 - L1L2 CONFIG ERROR CELL MBMS SCHEDULING INFO

Alarm	Attributes	Applicable major releases
Name: IK4007113 (2612) Type: processingErrorAlarm (81) Package: Ite Raised on class: Ite.Cell	Severity: critical Specific problem: L1L2 CONFIG ERROR CELL MBMS SCHEDULING INFO (543) Implicitly cleared: true Default probable cause: configurationOrCustomizationError (902)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This alarm indicates the Cell MBMS scheduling info is rejected by the BB entity because of a configuration error.		
Impact: The MBMS service is not possible on this cell.		
Remedial action: Check the parameters.		

Table 28-465 IK4007114 - L1L2 CONFIG REFUSED CELL MBMS SCHEDULING INFO

Alarm	Attributes	Applicable major releases
Name: IK4007114 (2613) Type: processingErrorAlarm (81) Package: Ite Raised on class: Ite.Cell	Severity: critical Specific problem: L1L2 CONFIG REFUSED CELL MBMS SCHEDULING INFO (544) Implicitly cleared: true Default probable cause: configurationOrCustomizationError (902)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This alarm indicates the Cell MBMS scheduling info is refused by the BB entity.		
Impact: The MBMS service is not possible on this cell.		
Remedial action: Call the next level of support.		

Table 28-466 IK4007115 - L1L2 CONFIG TIMEOUT CELL MBMS SCHEDULING INFO

Alarm	Attributes	Applicable major releases
Name: IK4007115 (2614) Type: processingErrorAlarm (81) Package: Ite Raised on class: Ite.Cell	Severity: critical Specific problem: L1L2 CONFIG TIMEOUT CELL MBMS SCHEDULING INFO (545) Implicitly cleared: true Default probable cause: configurationOrCustomizationError (902)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This alarm indicates a non-response by the BB entity to the Cell MBMS scheduling info procedure.		
Impact: The MBMS service is not possible on this cell.		
Remedial action: Call the next level of support.		

Table 28-467 IK4007116 - BB DELAY CONFIG FAILURE

Alarm	Attributes	Applicable major releases
Name: IK4007116 (2615) Type: processingErrorAlarm (81) Package: Ite Raised on class: Ite.BBCardSpecifics	Severity: critical Specific problem: BB DELAY CONFIG FAILURE (546) Implicitly cleared: true Default probable cause: configurationOrCustomizationError (902)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This alarm indicates a modification of delays requiring BB to be reset so to use new values.		
Impact: The service is not possible on this BB.		
Remedial action: Reset the BB.		

Table 28-468 IK4007117 - CALLTRACE SIGN BASED STOPPED BY DDT

Alarm	Attributes	Applicable major releases
Name: IK4007117 (3058) Type: processingErrorAlarm (81) Package: Ite Raised on class: Ite.ENBEquipment	Severity: variable Specific problem: CALLTRACE SIGN BASED STOPPED BY DDT (547) Implicitly cleared: true Default probable cause: unknown (1097)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This event indicates that the signaling based trace session is stopped when eNodeB received a dynamic debug trace session activation request.		
Impact: No impact on eNodeB.		
Remedial action: No action is required.		

Table 28-469 IK4007118 - DYNAMIC DEBUG TRACE ACTIVATION FAILURE

Alarm	Attributes	Applicable major releases
Name: IK4007118 (3059) Type: processingErrorAlarm (81) Package: Ite Raised on class: Ite.ENBEquipment	Severity: variable Specific problem: DYNAMIC DEBUG TRACE ACTIVATION FAILURE (548) Implicitly cleared: true Default probable cause: unknown (1097)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This event indicates that the dynamic debug trace activation failed.		
Impact: No impact on eNodeB.		
Remedial action: No action is required.		

Table 28-470 IK4007119 - DYNAMIC DEBUG TRACE INVALID PARAMETER

Alarm	Attributes	Applicable major releases
Name: IK4007119 (3060) Type: processingErrorAlarm (81) Package: Ite Raised on class: Ite.ENBEquipment	Severity: variable Specific problem: DYNAMIC DEBUG TRACE INVALID PARAMETER (549) Implicitly cleared: true Default probable cause: unknown (1097)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This event indicates that the dynamic debug trace parameters are invalid.		
Impact: No impact on eNodeB.		
Remedial action: No action is required.		

Table 28-471 IK4007120 - NO RRC CONNECTIONS DETECTED FOR A PERIOD

Alarm	Attributes	Applicable major releases
Name: IK4007120 (3061) Type: communicationsAlarm (4) Package: Ite Raised on class: Ite.Cell	Severity: major Specific problem: NO RRC CONNECTIONS DETECTED FOR A PERIOD (550) Implicitly cleared: true Default probable cause: communicationsSubsystemFailure (915)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This alarm indicates that no RRC connection has been setup for a period (no new connections, no re-establishments and no incoming handovers). This period is configurable per Cell.		
Impact: It is possible that RRC connections are being attempted but an error is not allowing any to be completed		
Remedial action: Check the configurable period and the hours this alarm is raised. If configurable period is long enough such that some connections should have been established, please call the next level of support.		

Table 28-472 IK4007121 - BB FAULT 1

Alarm	Attributes	Applicable major releases
Name: IK4007121 (3062) Type: processingErrorAlarm (81) Package: Ite Raised on class: Ite.BBCardSpecifics	Severity: minor Specific problem: BB FAULT 1 (72) Implicitly cleared: true Default probable cause: communicationsProtocolError (901)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: Provisioned for late churn-in. Unspecified BB fault detected		
Impact: Check the additional info for impact details.		
Remedial action: Check the additional information for maintenance action details.		

Table 28-473 IK4007122 - BB FAULT 2

Alarm	Attributes	Applicable major releases
Name: IK4007122 (3063) Type: processingErrorAlarm (81) Package: Ite Raised on class: Ite.BBCardSpecifics	Severity: minor Specific problem: BB FAULT 2 (73) Implicitly cleared: true Default probable cause: communicationsProtocolError (901)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: Provisioned for late churn-in. Unspecified BB fault detected		
Impact: Check the additional info for impact details.		
Remedial action: Check the additional information for maintenance action details.		

Table 28-474 IK4007123 - BB FAULT 3

Alarm	Attributes	Applicable major releases
Name: IK4007123 (3064) Type: processingErrorAlarm (81) Package: Ite Raised on class: Ite.BBCardSpecifics	Severity: minor Specific problem: BB FAULT 3 (74) Implicitly cleared: true Default probable cause: communicationsProtocolError (901)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: Provisioned for late churn-in. Unspecified BB fault detected		
Impact: Check the additional info for impact details.		
Remedial action: Check the additional information for maintenance action details.		

Table 28-475 IK4007124 - BB EVENT 1

Alarm	Attributes	Applicable major releases
Name: IK4007124 (3065) Type: processingErrorAlarm (81) Package: Ite Raised on class: Ite.BBCardSpecifics	Severity: variable Specific problem: BB EVENT 1 (551) Implicitly cleared: true Default probable cause: unknown (1097)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: Provisioned for late churn-in. Unspecified BB fault detected		
Impact: Check the additional info for impact details.		
Remedial action: No action is required.		

Table 28-476 IK4007125 - BB EVENT 2

Alarm	Attributes	Applicable major releases
Name: IK4007125 (3066) Type: processingErrorAlarm (81) Package: Ite Raised on class: Ite.BBCardSpecifics	Severity: variable Specific problem: BB EVENT 2 (552) Implicitly cleared: true Default probable cause: unknown (1097)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: Provisioned for late churn-in. Unspecified BB fault detected		
Impact: Check the additional info for impact details.		
Remedial action: No action is required.		

Table 28-477 IK4007126 - BB EVENT 3

Alarm	Attributes	Applicable major releases
Name: IK4007126 (3067) Type: processingErrorAlarm (81) Package: Ite Raised on class: Ite.BBCardSpecifics	Severity: variable Specific problem: BB EVENT 3 (553) Implicitly cleared: true Default probable cause: unknown (1097)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: Provisioned for late churn-in. Unspecified BB fault detected		
Impact: Check the additional info for impact details.		
Remedial action: No action is required.		

Table 28-478 IK4007127 - BSC_ACCESS FAULT 1

Alarm	Attributes	Applicable major releases
Name: IK4007127 (3068) Type: processingErrorAlarm (81) Package: Ite Raised on class: Ite.BscAccess	Severity: minor Specific problem: BSC_ACCESS FAULT 1 (554) Implicitly cleared: true Default probable cause: communicationsProtocolError (901)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: Provisioned for late churn-in. Unspecified BSC Access fault		
Impact: Check the additional info for impact details.		
Remedial action: Check the additional information for maintenance action details.		

Table 28-479 IK4007128 - BSC_ACCESS FAULT 2

Alarm	Attributes	Applicable major releases
Name: IK4007128 (3069) Type: processingErrorAlarm (81) Package: Ite Raised on class: Ite.BscAccess	Severity: minor Specific problem: BSC_ACCESS FAULT 2 (555) Implicitly cleared: true Default probable cause: communicationsProtocolError (901)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: Provisioned for late churn-in. Unspecified BSC Access fault		
Impact: Check the additional info for impact details.		
Remedial action: Check the additional information for maintenance action details.		

Table 28-480 IK4007129 - BSC_ACCESS FAULT 3

Alarm	Attributes	Applicable major releases
Name: IK4007129 (3070) Type: processingErrorAlarm (81) Package: Ite Raised on class: Ite.BscAccess	Severity: minor Specific problem: BSC_ACCESS FAULT 3 (556) Implicitly cleared: true Default probable cause: communicationsProtocolError (901)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: Provisioned for late churn-in. Unspecified BSC Access fault		
Impact: Check the additional info for impact details.		
Remedial action: Check the additional information for maintenance action details.		

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Table 28-481 IK4007130 - BSC_ACCESS EVENT 1

Alarm	Attributes	Applicable major releases
Name: IK4007130 (3071) Type: processingErrorAlarm (81) Package: Ite Raised on class: Ite.BscAccess	Severity: variable Specific problem: BSC_ACCESS EVENT 1 (557) Implicitly cleared: true Default probable cause: unknown (1097)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: Provisioned for late churn-in.		
Impact: Check the additional info for impact details.		
Remedial action: No action is required.		

Table 28-482 IK4007131 - BSC_ACCESS EVENT 2

Alarm	Attributes	Applicable major releases
Name: IK4007131 (3072) Type: processingErrorAlarm (81) Package: Ite Raised on class: Ite.BscAccess	Severity: variable Specific problem: BSC_ACCESS EVENT 2 (558) Implicitly cleared: true Default probable cause: unknown (1097)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: Provisioned for late churn-in.		
Impact: Check the additional info for impact details.		
Remedial action: No action is required.		

Table 28-483 IK4007132 - BSC_ACCESS EVENT 3

Alarm	Attributes	Applicable major releases
Name: IK4007132 (3073) Type: processingErrorAlarm (81) Package: Ite Raised on class: Ite.BscAccess	Severity: variable Specific problem: BSC_ACCESS EVENT 3 (559) Implicitly cleared: true Default probable cause: unknown (1097)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: Provisioned for late churn-in.		
Impact: Check the additional info for impact details.		
Remedial action: No action is required.		

Table 28-484 IK4007134 - CELL FAULT 2

Alarm	Attributes	Applicable major releases
Name: IK4007134 (3075) Type: processingErrorAlarm (81) Package: Ite Raised on class: Ite.Cell	Severity: minor Specific problem: CELL FAULT 2 (561) Implicitly cleared: true Default probable cause: communicationsProtocolError (901)	<ul style="list-style-type: none"> LR13.3
Description: Unspecified Cell fault.		
Impact: Check the additional info for impact details.		
Remedial action: Check the additional information for maintenance action details.		

Table 28-485 IK4007135 - CELL FAULT 3

Alarm	Attributes	Applicable major releases
Name: IK4007135 (3076) Type: processingErrorAlarm (81) Package: Ite Raised on class: Ite.Cell	Severity: minor Specific problem: CELL FAULT 3 (562) Implicitly cleared: true Default probable cause: communicationsProtocolError (901)	<ul style="list-style-type: none"> LR13.3 LR14.1.L LR14.3.L
Description: Provisioned for late churn-in. Unspecified Cell fault.		
Impact: Check the additional info for impact details.		
Remedial action: Check the additional information for maintenance action details.		

Table 28-486 IK4007136 - CELL EVENT 1

Alarm	Attributes	Applicable major releases
Name: IK4007136 (3077) Type: processingErrorAlarm (81) Package: Ite Raised on class: Ite.Cell	Severity: variable Specific problem: CELL EVENT 1 (563) Implicitly cleared: true Default probable cause: unknown (1097)	<ul style="list-style-type: none"> LR13.3 LR14.1.L LR14.3.L
Description: Provisioned for late churn-in.		
Impact: Check the additional info for impact details.		
Remedial action: No action is required.		

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Table 28-487 IK4007137 - CELL EVENT 2

Alarm	Attributes	Applicable major releases
Name: IK4007137 (3078) Type: processingErrorAlarm (81) Package: Ite Raised on class: Ite.Cell	Severity: variable Specific problem: CELL EVENT 2 (564) Implicitly cleared: true Default probable cause: unknown (1097)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: Provisioned for late churn-in.		
Impact: Check the additional info for impact details.		
Remedial action: No action is required.		

Table 28-488 IK4007138 - CELL EVENT 3

Alarm	Attributes	Applicable major releases
Name: IK4007138 (3079) Type: processingErrorAlarm (81) Package: Ite Raised on class: Ite.Cell	Severity: variable Specific problem: CELL EVENT 3 (565) Implicitly cleared: true Default probable cause: unknown (1097)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: Provisioned for late churn-in.		
Impact: Check the additional info for impact details.		
Remedial action: No action is required.		

Table 28-489 IK4007139 - ENB FAULT 1

Alarm	Attributes	Applicable major releases
Name: IK4007139 (3080) Type: processingErrorAlarm (81) Package: Ite Raised on class: Ite.ENBEquipment	Severity: minor Specific problem: ENB FAULT 1 (566) Implicitly cleared: true Default probable cause: communicationsProtocolError (901)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: Provisioned for late churn-in. Unspecified eNodeB fault.		
Impact: Check the additional info for impact details.		
Remedial action: Check the additional information for maintenance action details.		

Table 28-490 IK4007140 - ENB FAULT 2

Alarm	Attributes	Applicable major releases
Name: IK4007140 (3081) Type: processingErrorAlarm (81) Package: Ite Raised on class: Ite.ENBEquipment	Severity: minor Specific problem: ENB FAULT 2 (567) Implicitly cleared: true Default probable cause: communicationsProtocolError (901)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: Provisioned for late churn-in. Unspecified eNodeB fault.		
Impact: Check the additional info for impact details.		
Remedial action: Check the additional information for maintenance action details.		

Table 28-491 IK4007141 - ENB FAULT 3

Alarm	Attributes	Applicable major releases
Name: IK4007141 (3082) Type: processingErrorAlarm (81) Package: Ite Raised on class: Ite.ENBEquipment	Severity: minor Specific problem: ENB FAULT 3 (568) Implicitly cleared: true Default probable cause: communicationsProtocolError (901)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: Provisioned for late churn-in. Unspecified eNodeB fault.		
Impact: Check the additional info for impact details.		
Remedial action: Check the additional information for maintenance action details.		

Table 28-492 IK4007142 - ENB EVENT 1

Alarm	Attributes	Applicable major releases
Name: IK4007142 (3083) Type: processingErrorAlarm (81) Package: Ite Raised on class: Ite.ENBEquipment	Severity: variable Specific problem: ENB EVENT 1 (569) Implicitly cleared: true Default probable cause: unknown (1097)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: Provisioned for late churn-in.		
Impact: Check the additional info for impact details.		
Remedial action: No action is required.		

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Table 28-493 IK4007143 - ENB EVENT 2

Alarm	Attributes	Applicable major releases
Name: IK4007143 (3084) Type: processingErrorAlarm (81) Package: Ite Raised on class: Ite.ENBEquipment	Severity: variable Specific problem: ENB EVENT 2 (570) Implicitly cleared: true Default probable cause: unknown (1097)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: Provisioned for late churn-in.		
Impact: Check the additional info for impact details.		
Remedial action: No action is required.		

Table 28-494 IK4007144 - ENB EVENT 3

Alarm	Attributes	Applicable major releases
Name: IK4007144 (3085) Type: processingErrorAlarm (81) Package: Ite Raised on class: Ite.ENBEquipment	Severity: variable Specific problem: ENB EVENT 3 (571) Implicitly cleared: true Default probable cause: unknown (1097)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: Provisioned for late churn-in.		
Impact: Check the additional info for impact details.		
Remedial action: No action is required.		

Table 28-495 IK4007145 - S1 FAULT 1

Alarm	Attributes	Applicable major releases
Name: IK4007145 (3086) Type: processingErrorAlarm (81) Package: Ite Raised on class: Ite.MmeAccess	Severity: minor Specific problem: S1 FAULT 1 (572) Implicitly cleared: true Default probable cause: communicationsProtocolError (901)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: Provisioned for late churn-in. Unspecified S1 fault.		
Impact: Check the additional info for impact details.		
Remedial action: Check the additional information for maintenance action details.		

Table 28-496 IK4007146 - S1 FAULT 2

Alarm	Attributes	Applicable major releases
Name: IK4007146 (3087) Type: processingErrorAlarm (81) Package: Ite Raised on class: Ite.MmeAccess	Severity: minor Specific problem: S1 FAULT 2 (573) Implicitly cleared: true Default probable cause: communicationsProtocolError (901)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: Provisioned for late churn-in. Unspecified S1 fault.		
Impact: Check the additional info for impact details.		
Remedial action: Check the additional information for maintenance action details.		

Table 28-497 IK4007147 - S1 FAULT 3

Alarm	Attributes	Applicable major releases
Name: IK4007147 (3088) Type: processingErrorAlarm (81) Package: Ite Raised on class: Ite.MmeAccess	Severity: minor Specific problem: S1 FAULT 3 (574) Implicitly cleared: true Default probable cause: communicationsProtocolError (901)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: Provisioned for late churn-in. Unspecified S1 fault.		
Impact: Check the additional info for impact details.		
Remedial action: Check the additional information for maintenance action details.		

Table 28-498 IK4007148 - S1 EVENT 1

Alarm	Attributes	Applicable major releases
Name: IK4007148 (3089) Type: processingErrorAlarm (81) Package: Ite Raised on class: Ite.MmeAccess	Severity: variable Specific problem: S1 EVENT 1 (575) Implicitly cleared: true Default probable cause: unknown (1097)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: Provisioned for late churn-in.		
Impact: Check the additional info for impact details.		
Remedial action: No action is required.		

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Table 28-499 IK4007149 - S1 EVENT 2

Alarm	Attributes	Applicable major releases
Name: IK4007149 (3090) Type: processingErrorAlarm (81) Package: Ite Raised on class: Ite.MmeAccess	Severity: variable Specific problem: S1 EVENT 2 (576) Implicitly cleared: true Default probable cause: unknown (1097)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: Provisioned for late churn-in.		
Impact: Check the additional info for impact details.		
Remedial action: No action is required.		

Table 28-500 IK4007150 - S1 EVENT 3

Alarm	Attributes	Applicable major releases
Name: IK4007150 (3091) Type: processingErrorAlarm (81) Package: Ite Raised on class: Ite.MmeAccess	Severity: variable Specific problem: S1 EVENT 3 (577) Implicitly cleared: true Default probable cause: unknown (1097)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: Provisioned for late churn-in.		
Impact: Check the additional info for impact details.		
Remedial action: No action is required.		

Table 28-501 IK4007151 - X2 FAULT 1

Alarm	Attributes	Applicable major releases
Name: IK4007151 (3092) Type: processingErrorAlarm (81) Package: Ite Raised on class: Ite.X2Access	Severity: minor Specific problem: X2 FAULT 1 (578) Implicitly cleared: true Default probable cause: communicationsProtocolError (901)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: Provisioned for late churn-in. Unspecified X2 fault.		
Impact: Check the additional info for impact details.		
Remedial action: Check the additional information for maintenance action details.		

Table 28-502 IK4007152 - X2 FAULT 2

Alarm	Attributes	Applicable major releases
Name: IK4007152 (3093) Type: processingErrorAlarm (81) Package: Ite Raised on class: Ite.X2Access	Severity: minor Specific problem: X2 FAULT 2 (579) Implicitly cleared: true Default probable cause: communicationsProtocolError (901)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: Provisioned for late churn-in. Unspecified X2 fault.		
Impact: Check the additional info for impact details.		
Remedial action: Check the additional information for maintenance action details.		

Table 28-503 IK4007153 - X2 FAULT 3

Alarm	Attributes	Applicable major releases
Name: IK4007153 (3094) Type: processingErrorAlarm (81) Package: Ite Raised on class: Ite.X2Access	Severity: minor Specific problem: X2 FAULT 3 (580) Implicitly cleared: true Default probable cause: communicationsProtocolError (901)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: Provisioned for late churn-in. Unspecified X2 fault.		
Impact: Check the additional info for impact details.		
Remedial action: Check the additional information for maintenance action details.		

Table 28-504 IK4007154 - X2 EVENT 1

Alarm	Attributes	Applicable major releases
Name: IK4007154 (3095) Type: processingErrorAlarm (81) Package: Ite Raised on class: Ite.X2Access	Severity: variable Specific problem: X2 EVENT 1 (581) Implicitly cleared: true Default probable cause: unknown (1097)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: Provisioned for late churn-in.		
Impact: Check the additional info for impact details.		
Remedial action: No action is required.		

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Table 28-505 IK4007155 - X2 EVENT 2

Alarm	Attributes	Applicable major releases
Name: IK4007155 (3096) Type: processingErrorAlarm (81) Package: lte Raised on class: lte.X2Access	Severity: variable Specific problem: X2 EVENT 2 (582) Implicitly cleared: true Default probable cause: unknown (1097)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: Provisioned for late churn-in.		
Impact: Check the additional info for impact details.		
Remedial action: No action is required.		

Table 28-506 IK4007156 - X2 EVENT 3

Alarm	Attributes	Applicable major releases
Name: IK4007156 (3097) Type: processingErrorAlarm (81) Package: lte Raised on class: lte.X2Access	Severity: variable Specific problem: X2 EVENT 3 (583) Implicitly cleared: true Default probable cause: unknown (1097)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: Provisioned for late churn-in.		
Impact: Check the additional info for impact details.		
Remedial action: No action is required.		

Table 28-507 IK4007157 - END OF INTERRAT UTRAN ANR ACTIVE PHASE

Alarm	Attributes	Applicable major releases
Name: IK4007157 (3098) Type: processingErrorAlarm (81) Package: lte Raised on class: lte.UltraFddNeighboringFreqConf	Severity: variable Specific problem: END OF INTERRAT UTRAN ANR ACTIVE PHASE (584) Implicitly cleared: true Default probable cause: unknown (1097)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This event indicates the end of the inter-RAT UTRAN ANR active phase.		
Impact: No impact on eNodeB.		
Remedial action: No action is required.		

Table 28-508 IK4007158 - UTRAN NEIGHBOR RELATION MIB INSTANCE CANNOT BE REMOVED BY ANR

Alarm	Attributes	Applicable major releases
Name: IK4007158 (3099) Type: processingErrorAlarm (81) Package: lte Raised on class: lte.UtraFddNeighboringCellRelation	Severity: variable Specific problem: UTRAN NEIGHBOR RELATION MIB INSTANCE CANNOT BE REMOVED BY ANR (585) Implicitly cleared: true Default probable cause: unknown (1097)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L
Description: This event indicates the UTRAN neighbor relation MIB instance is not removed because the removal is not allowed.		
Impact: No impact on eNodeB.		
Remedial action: No action is required.		

Table 28-509 IK4007159 - CREATED UTRAN NEIGHBOR CANNOT BE ASSOCIATED TO RNC

Alarm	Attributes	Applicable major releases
Name: IK4007159 (3100) Type: processingErrorAlarm (81) Package: lte Raised on class: lte.UtraFddNeighboringCellRelation	Severity: variable Specific problem: CREATED UTRAN NEIGHBOR CANNOT BE ASSOCIATED TO RNC (586) Implicitly cleared: true Default probable cause: unknown (1097)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This event indicates no RNC is found to associate the UtraFddNeighbouringCellRelation.		
Impact: No impact on eNodeB.		
Remedial action: No action is required.		

Table 28-510 IK4007160 - END CMAS ALERT

Alarm	Attributes	Applicable major releases
Name: IK4007160 (3101) Type: communicationsAlarm (4) Package: lte Raised on class: lte.ENBEquipment	Severity: variable Specific problem: END CMAS ALERT (587) Implicitly cleared: true Default probable cause: unknown (1097)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This event indicates the end of the CMAS message broadcast.		
Impact: No impact on service.		
Remedial action: No action is required.		

Table 28-511 IK4007161 - L1L2 CONFIG REFUSED CMAS

Alarm	Attributes	Applicable major releases
Name: IK4007161 (3102) Type: processingErrorAlarm (81) Package: lte Raised on class: lte.Cell	Severity: variable Specific problem: L1L2 CONFIG REFUSED CMAS (588) Implicitly cleared: true Default probable cause: unknown (1097)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This event indicates that the BB L1/L2 entity rejected CMAS message broadcast.		
Impact: The CMAS message broadcast is not possible on the affected cell.		
Remedial action: No action is required.		

Table 28-512 IK4007162 - L1L2 CONFIG TIMEOUT CMAS

Alarm	Attributes	Applicable major releases
Name: IK4007162 (3103) Type: processingErrorAlarm (81) Package: lte Raised on class: lte.Cell	Severity: variable Specific problem: L1L2 CONFIG TIMEOUT CMAS (589) Implicitly cleared: true Default probable cause: unknown (1097)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This event indicates a no-response from BB L1/L2 entity detected during the CMAS broadcast procedure.		
Impact: The CMAS message broadcast is not possible on the affected cell.		
Remedial action: No action is required.		

Table 28-513 IK4007163 - UTRAN SYS INFO TRANSFER INITIATION REPORT FAILURE

Alarm	Attributes	Applicable major releases
Name: IK4007163 (3104) Type: communicationsAlarm (4) Package: lte Raised on class: lte.RncAccess	Severity: minor Specific problem: UTRAN SYS INFO TRANSFER INITIATION REPORT FAILURE (590) Implicitly cleared: true Default probable cause: communicationsProtocolError (901)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This alarm indicates that CallIP does not manage to retrieve the system information (UTRASI) of a target UTRAN cell using RIM RAN-INFORMATION-REQUEST/multiple report.		
Impact: The service is degraded: the eNodeB is not able to provide UTRASI of the target UTRAN Cell in the RRC Connection Release sent to the UE.		
Remedial action: Check for the proper functioning of the following: 1. UTRAN cell provisioning 2. RIM support for MME and SGSN 3. IP routing path between eNodeB S1 interface IP endpoint and target RNC.		

Table 28-514 IK4007164 - UTRAN SYS INFO UPDATE STOP FAILURE

Alarm	Attributes	Applicable major releases
Name: IK4007164 (3105) Type: communicationsAlarm (4) Package: Ite Raised on class: Ite.RncAccess	Severity: variable Specific problem: UTRAN SYS INFO UPDATE STOP FAILURE (591) Implicitly cleared: true Default probable cause: unknown (1097)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This event indicates that CallIP does not manage to stop event-driven system information (UTRASI) of a target UTRAN Cell using RIM RAN-INFORMATION-REQUEST/stop.		
Impact: No impact on service.		
Remedial action: No action is required.		

Table 28-515 IK4007165 - UTRAN SYS INFO UPDATE END

Alarm	Attributes	Applicable major releases
Name: IK4007165 (3106) Type: communicationsAlarm (4) Package: Ite Raised on class: Ite.RncAccess	Severity: variable Specific problem: UTRAN SYS INFO UPDATE END (592) Implicitly cleared: true Default probable cause: unknown (1097)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This event indicates that the eNodeB CallIP has received RIM RAN-INFORMATION/end message from a target RNC indicating that event-driven system information update for a target UTRAN cell has been stopped.		
Impact: The service is degraded: the eNodeB is not able to provide UTRASI of the target UTRAN cell in the RRC Connection Release sent to the UE.		
Remedial action: No action is required.		

Table 28-516 IK4007166 - UTRA RAN INFORMATION ERROR

Alarm	Attributes	Applicable major releases
Name: IK4007166 (3107) Type: communicationsAlarm (4) Package: Ite Raised on class: Ite.RncAccess	Severity: variable Specific problem: UTRA RAN INFORMATION ERROR (593) Implicitly cleared: true Default probable cause: unknown (1097)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This event indicates that there is an error in RIM container IE when eNodeB receive RIM message from peer node or RAN-INFORMATION-ERROR message is received from peer node.		
Impact: The service is degraded: the eNodeB is not able to provide UTRASI of the target UTRAN cell in the RRC Connection Release sent to the UE.		
Remedial action: No action is required.		

Table 28-517 IK4007167 - UTRA RAN INFORMATION APPLICATION ERROR

Alarm	Attributes	Applicable major releases
Name: IK4007167 (3108) Type: communicationsAlarm (4) Package: lte Raised on class: lte.RncAccess	Severity: variable Specific problem: UTRA RAN INFORMATION APPLICATION ERROR (594) Implicitly cleared: true Default probable cause: unknown (1097)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This event indicates there is an error in application container IE or there is application error container IE when eNodeB receive RIM message from peer node.		
Impact: The service is degraded: the eNodeB is not able to provide UTRASI of the target UTRAN cell in the RRC Connection Release sent to the UE.		
Remedial action: No action is required.		

Table 28-518 IK4007168 - NEW INTERFREQ NEIGHBOUR DISCOVERED

Alarm	Attributes	Applicable major releases
Name: IK4007168 (3109) Type: processingErrorAlarm (81) Package: lte Raised on class: lte.Cell	Severity: variable Specific problem: NEW INTERFREQ NEIGHBOUR DISCOVERED (595) Implicitly cleared: true Default probable cause: unknown (1097)	<ul style="list-style-type: none"> • LR13.3
Description: This event indicates a new inter-frequency neighbour cell has been discovered by the eNB through ANR measurement report.		
Impact: No impact on service.		
Remedial action: No action is required.		

Table 28-519 IK4007169 - END OF INTRAFREQ LTE ANR ACTIVE PHASE

Alarm	Attributes	Applicable major releases
Name: IK4007169 (3110) Type: processingErrorAlarm (81) Package: lte Raised on class: lte.Cell	Severity: variable Specific problem: END OF INTRAFREQ LTE ANR ACTIVE PHASE (596) Implicitly cleared: true Default probable cause: unknown (1097)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This event indicates the end of the intra-frequency LTE ANR active phase.		
Impact: No impact on eNodeB.		
Remedial action: No action is required.		

Table 28-520 IK4007170 - MME S1 SETUP RESPONSE INCONSISTENCY

Alarm	Attributes	Applicable major releases
Name: IK4007170 (3111) Type: qualityOfServiceAlarm (82) Package: Ite Raised on class: Ite.MmeAccess	Severity: variable Specific problem: MME S1 SETUP RESPONSE INCONSISTENCY (597) Implicitly cleared: true Default probable cause: unknown (1097)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This event indicates a configuration mismatch between the MIM and the MME.		
Impact: No impact on service.		
Remedial action: No action is required.		

Table 28-521 IK4007171 - X2 RESOURCE STATUS REPORTING INITIATION FAILURE OR NO RESPONSE

Alarm	Attributes	Applicable major releases
Name: IK4007171 (3780) Type: communicationsAlarm (4) Package: Ite Raised on class: Ite.X2Access	Severity: minor Specific problem: X2 RESOURCE STATUS REPORTING INITIATION FAILURE OR NO RESPONSE (598) Implicitly cleared: true Default probable cause: configurationOrCustomizationError (902)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This alarm indicates a persistent X2AP RESOURCE STATUS FAILURE message or no response from a peer eNodeB.		
Impact: No load information can be used for inter-freq mobility.		
Remedial action: Check peer eNB and do X2 lock/unlock when it is available for X2 load reporting		

Table 28-522 IK4007172 - END OF INTER-FREQ ANR ACTIVE PHASE

Alarm	Attributes	Applicable major releases
Name: IK4007172 (3781) Type: processingErrorAlarm (81) Package: Ite Raised on class: Ite.Cell	Severity: variable Specific problem: END OF INTER-FREQ ANR ACTIVE PHASE (599) Implicitly cleared: true Default probable cause: unknown (1097)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This event indicates the end of the inter-frequency LTE ANR active phase.		
Impact: No impact on eNodeB		
Remedial action: No action is required.		

Table 28-523 IK4007175 - SIB3 AUTOMATED PARAMETER UPDATE

Alarm	Attributes	Applicable major releases
Name: IK4007175 (3782) Type: processingErrorAlarm (81) Package: lte Raised on class: lte.Cell	Severity: variable Specific problem: SIB3 AUTOMATED PARAMETER UPDATE (600) Implicitly cleared: true Default probable cause: unknown (1097)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This event indicates the cell has automatically modified cell reselection parameters broadcast in SIB3 based on cell loading conditions		
Impact: No impact on eNodeB		
Remedial action: No action is required.		

Table 28-524 IK4007176 - SIB RATE EXCESS

Alarm	Attributes	Applicable major releases
Name: IK4007176 (3783) Type: securityServiceOrMechanismViolation (92) Package: lte Raised on class: lte.Cell	Severity: variable Specific problem: SIB RATE EXCESS (601) Implicitly cleared: true Default probable cause: unknown (1097)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This event indicates that SIB updates incremented the Value Tag more than 32 times in elapsed 3 hours.		
Impact: 3% of the Ues coming back from neighbour cells may have missed parameters updates. The possible misbehaviour should have minor severity.		
Remedial action: No action is required.		

Table 28-525 IK4007177 - EMBMS QOS

Alarm	Attributes	Applicable major releases
Name: IK4007177 (3784) Type: qualityOfServiceAlarm (82) Package: lte Raised on class: lte.Cell	Severity: major Specific problem: EMBMS QOS (602) Implicitly cleared: true Default probable cause: performanceDegraded (710)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This alarm indicates that eMBMS service is experiencing packet loss (greater than lteCell::mbmsPacketLossThrHigh) or excessive delay (packets are detected in excess in eMBMS buffers).		
Impact: Degraded service quality due to excessive packet loss or delay.		

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Alarm	Attributes	Applicable major releases
<p>Remedial action: Depending on the reason found different actions can be taken: (1) packet loss or delay between the eNB and the BM-SC: fix network issue; (2) estimated network delay in the BM-SC is not correct: Check the network delay at the BM-SC; (3) time reference is different in eNB and BM-SC: check the synchronization period and the synchronization sequence provisionned in the BM-SC and the eNB parameters Mbms::m1SyncSequenceDuration and m1SyncPeriodDuration. The Mbms::m1SyncPeriodOffset can also be set on the eNB side to make a correction on the time-stamps received from the BM-SC. This value is subtracted to the BM-SC time-stamp (modulus m1SyncPeriodDuration). The same value shall be set on all eNBs of a MBSFN area. When possible, it is preferred to adjust the delay directly in the BM-SC rather than setting the syncPeriodOffset. (4) mismatch between the service bit rate and the resources allocated in the eNB: check MCE and content provider provisioning: the effective bit rate on the M1 interface seems to exceed the bit rate announced in M3 session start. (5) check isMbmsTrafficAllowed and the status of the synchronization clock source.</p>		

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Table 28-526 IK4007178 - LTE NEIGHBOR RELATION MIB INSTANCE CANNOT BE REMOVED BY ANR

Alarm	Attributes	Applicable major releases
Name: IK4007178 (3785) Type: processingErrorAlarm (81) Package: Ite Raised on class: Ite.Cell	Severity: variable Specific problem: LTE NEIGHBOR RELATION MIB INSTANCE CANNOT BE REMOVED BY ANR (603) Implicitly cleared: true Default probable cause: unknown (1097)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L
<p>Description: This event indicates the LTE neighbor relation MIB instance is not removed because the removal is not allowed.</p>		
<p>Impact: No impact on eNodeB</p>		
<p>Remedial action: No action is required.</p>		

Table 28-527 IK4007179 - CELL DISABLED DUE TO BAD POWER CONFIGURATION

Alarm	Attributes	Applicable major releases
Name: IK4007179 (3786) Type: processingErrorAlarm (81) Package: Ite Raised on class: Ite.Cell	Severity: critical Specific problem: CELL DISABLED DUE TO BAD POWER CONFIGURATION (604) Implicitly cleared: true Default probable cause: configurationOrCustomizationError (902)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
<p>Description: This alarm indicates that the LTE Cell is disabled due to misconfiguration in power settings during cell setup procedure or cell parameter update procedure.</p>		
<p>Impact: The LTE Cell is out of service. No traffic on this cell.</p>		
<p>Remedial action: Correct the LteCell power parameters configuration and apply the update so to put the LteCell back into service.</p>		

Table 28-528 IK4007181 - PCI CONFUSION

Alarm	Attributes	Applicable major releases
Name: IK4007181 (3787) Type: operationalViolation (93) Package: lte Raised on class: lte.Cell	Severity: major Specific problem: PCI CONFUSION (485) Implicitly cleared: true Default probable cause: configurationOrCustomizationError (902)	<ul style="list-style-type: none"> LR13.3
Description: This alarm indicates a PCI confusion between the cell and a neighbour cell of a neighbour cell. A manual intervention is needed to solve the problem. This can happen in the following cases: (1)The conflict could not be solved autonomously by the eNB; (2)The automatic PCI allocation is not activated.		
Impact: Mobility procedure triggered in the neighbour cell may be directed to a wrong neighboring cell, leading to further call drops. The list of potentially victim eNBs is displayed.		
Remedial action: If the automatic PCI allocation is activated: Increase the list of allowed PCI values, either for the local or for the distant eNodeB; If the automatic PCI allocation is not activated:Change the PCI value, either for the local or the distant cell.		

Table 28-529 IK4007182 - PCI CONFUSION NEIGHB CELLS

Alarm	Attributes	Applicable major releases
Name: IK4007182 (3788) Type: operationalViolation (93) Package: lte Raised on class: lte.ENBEquipment	Severity: major Specific problem: PCI CONFUSION NEIGHB CELLS (483) Implicitly cleared: true Default probable cause: configurationOrCustomizationError (902)	<ul style="list-style-type: none"> LR13.3
Description: This alarm indicates this eNB is a victim of PCI confusion, it has multiple neighbor cells that have the same PCI as each other. A manual intervention is needed to solve the problem. This issue may affect mobility procedures in any of the eNodeB cells.		
Impact: Mobility procedure triggered in the cell may be directed to a wrong neighboring cell, leading to further call drops.		
Remedial action: The maintenance action has to be done in one of the neighbour eNBs. The issue is also reported by Alarms in these eNBs. If the automatic PCI allocation is activated in these eNBs: (1) If a Warning Alarm is raised, the issue will be automatically solved in the next maintenance window; (2) If a Major Alarm is raised, the issue cannot be automatically solved. It is necessary to increase the list of allowed PCI values, and the issue will be automatically solved in the next maintenance window. If the automatic PCI allocation is not activated in these eNBs: A Major Alarm is raised. It is necessary to change the PCI value of one of the actor cell of the issue.		

Table 28-530 IK4007183 - INCOMPLETE BROADCAST OF A PRESIDENTIAL ALERT

Alarm	Attributes	Applicable major releases
Name: IK4007183 (3789) Type: qualityOfServiceAlarm (82) Package: lte Raised on class: lte.Cell	Severity: variable Specific problem: INCOMPLETE BROADCAST OF A PRESIDENTIAL ALERT (605) Implicitly cleared: true Default probable cause: unknown (1097)	<ul style="list-style-type: none"> LR13.3 LR14.1.L LR14.3.L

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Alarm	Attributes	Applicable major releases
Description: This event indicates that the eNB has been unable to broadcast a CMAS Presidential Alert the requested number of times.		
Impact: Some or all users in the cell may have not received the Presidential Alert		
Remedial action: No action is required.		

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Table 28-531 IK4007184 - BRC UC FAILED

Alarm	Attributes	Applicable major releases
Name: IK4007184 (3989) Type: processingErrorAlarm (81) Package: Ite Raised on class: Ite.MODULE	Severity: variable Specific problem: BRC UC FAILED (467) Implicitly cleared: true Default probable cause: unknown (1097)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This event indicates that the UeCallIP detected a no-response from BRC-UC.		
Impact: The eNodeB performance is low.		
Remedial action: No action is required.		

Table 28-532 IK4007185 - BRC UC WARNING

Alarm	Attributes	Applicable major releases
Name: IK4007185 (3990) Type: processingErrorAlarm (81) Package: Ite Raised on class: Ite.MODULE	Severity: variable Specific problem: BRC UC WARNING (469) Implicitly cleared: true Default probable cause: unknown (1097)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This event indicates that the BRC-UC reported a warning.		
Impact: No impact on eNodeB.		
Remedial action: No action is required.		

Table 28-533 IK4007188 - BRC CC WARNING

Alarm	Attributes	Applicable major releases
Name: IK4007188 (4657) Type: processingErrorAlarm (81) Package: Ite Raised on class: Ite.MODULE	Severity: variable Specific problem: BRC CC WARNING (466) Implicitly cleared: true Default probable cause: unknown (1097)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This event indicates that the BRC-CC reported a warning.		

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Alarm	Attributes	Applicable major releases
Impact: No impact on eNodeB.		
Remedial action: No action is required.		

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Table 28-534 IK4007189 - L1L2 CONFIG REFUSED CELL DELETE

Alarm	Attributes	Applicable major releases
Name: IK4007189 (4658) Type: processingErrorAlarm (81) Package: Ite Raised on class: Ite.MODULE	Severity: major Specific problem: L1L2 CONFIG REFUSED CELL DELETE (535) Implicitly cleared: true Default probable cause: configurationOrCustomizationError (902)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This alarm indicates the cell deletion for logical cell resetting procedure is rejected by the Modem entity.		
Impact: Service is not possible on this eNB.		
Remedial action: Lock then unlock the eNB		

Table 28-535 IK4007190 - L1L2 CONFIG TIMEOUT CELL DELETE

Alarm	Attributes	Applicable major releases
Name: IK4007190 (4659) Type: processingErrorAlarm (81) Package: Ite Raised on class: Ite.MODULE	Severity: major Specific problem: L1L2 CONFIG TIMEOUT CELL DELETE (536) Implicitly cleared: true Default probable cause: configurationOrCustomizationError (902)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This alarm indicates a lack of response from the modem for cell deletion in the logical cell resetting procedure.		
Impact: Service is not possible on this eNB.		
Remedial action: Lock then unlock the eNB.		

Table 28-536 IK4007191 - CELL CLEAN UP FAILURE

Alarm	Attributes	Applicable major releases
Name: IK4007191 (4660) Type: processingErrorAlarm (81) Package: Ite Raised on class: Ite.MODULE	Severity: major Specific problem: CELL CLEAN UP FAILURE (537) Implicitly cleared: true Default probable cause: configurationOrCustomizationError (902)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L

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Alarm	Attributes	Applicable major releases
Description: This alarm indicates a cell deletion failure when cell clean-up is triggered by LteCell instance deletion online, parameter update or when software failure happens.		
Impact: Service is not possible on this eNB.		
Remedial action: Lock then unlock the eNB.		

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Table 28-537 IK4007192 - SCB DELAY CONFIG FAILURE

Alarm	Attributes	Applicable major releases
Name: IK4007192 (4661) Type: processingErrorAlarm (81) Package: Ite Raised on class: Ite.MODULE	Severity: critical Specific problem: SCB DELAY CONFIG FAILURE (608) Implicitly cleared: true Default probable cause: configurationOrCustomizationError (902)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: Configured cell path delays are no longer correct and the modem function must be reset to adopt the new values.		
Impact: Service is not possible on this eNB until the modem is reset.		
Remedial action: Reset the modem.		

Table 28-538 IK4007193 - SCB FAULT 1

Alarm	Attributes	Applicable major releases
Name: IK4007193 (4662) Type: processingErrorAlarm (81) Package: Ite Raised on class: Ite.MODULE	Severity: minor Specific problem: SCB FAULT 1 (609) Implicitly cleared: true Default probable cause: communicationsProtocolError (901)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: Provisioned for late churn-in. Unspecified Modem Function fault detected		
Impact: Check the additional info for impact details.		
Remedial action: Check the additional information for maintenance action details.		

Table 28-539 IK4007194 - SCB FAULT 2

Alarm	Attributes	Applicable major releases
Name: IK4007194 (4663) Type: processingErrorAlarm (81) Package: Ite Raised on class: Ite.MODULE	Severity: minor Specific problem: SCB FAULT 2 (610) Implicitly cleared: true Default probable cause: communicationsProtocolError (901)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: Provisioned for late churn-in. Unspecified Modem Function fault detected		
Impact: Check the additional info for impact details.		
Remedial action: Check the additional information for maintenance action details.		

Table 28-540 IK4007195 - SCB FAULT 3

Alarm	Attributes	Applicable major releases
Name: IK4007195 (4664) Type: processingErrorAlarm (81) Package: Ite Raised on class: Ite.MODULE	Severity: minor Specific problem: SCB FAULT 3 (611) Implicitly cleared: true Default probable cause: communicationsProtocolError (901)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: Provisioned for late churn-in. Unspecified Modem Function fault detected		
Impact: Check the additional info for impact details.		
Remedial action: Check the additional information for maintenance action details.		

Table 28-541 IK4007196 - SCB EVENT 1

Alarm	Attributes	Applicable major releases
Name: IK4007196 (4665) Type: processingErrorAlarm (81) Package: Ite Raised on class: Ite.MODULE	Severity: variable Specific problem: SCB EVENT 1 (612) Implicitly cleared: true Default probable cause: unknown (1097)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: Provisioned for late churn-in. Unspecified Modem Function fault detected		
Impact: Check the additional info for impact details.		
Remedial action: No action is required.		

Table 28-542 IK4007197 - SCB EVENT 2

Alarm	Attributes	Applicable major releases
Name: IK4007197 (4666) Type: processingErrorAlarm (81) Package: Ite Raised on class: Ite.MODULE	Severity: variable Specific problem: SCB EVENT 2 (613) Implicitly cleared: true Default probable cause: unknown (1097)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: Provisioned for late churn-in. Unspecified Modem Function fault detected		
Impact: Check the additional info for impact details.		
Remedial action: No action is required.		

Table 28-543 IK4007198 - SCB EVENT 3

Alarm	Attributes	Applicable major releases
Name: IK4007198 (4667) Type: processingErrorAlarm (81) Package: Ite Raised on class: Ite.MODULE	Severity: variable Specific problem: SCB EVENT 3 (614) Implicitly cleared: true Default probable cause: unknown (1097)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: Provisioned for late churn-in. Unspecified Modem Function fault detected		
Impact: Check the additional info for impact details.		
Remedial action: No action is required.		

Table 28-544 IK4007201 - ANR X2IP ADDR RETRIEVAL FAILURE

Alarm	Attributes	Applicable major releases
Name: IK4007201 (4668) Type: processingErrorAlarm (81) Package: Ite Raised on class: Ite.ENBEquipment	Severity: major Specific problem: ANR X2IP ADDR RETRIEVAL FAILURE (496) Implicitly cleared: true Default probable cause: communicationsProtocolError (901)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This alarm indicates the X2 IP address retrieval failure. The alarm is cleared when X2Access instance created or internal timer.		
Impact: X2 link cannot be established until an X2Access instance is created.		
Remedial action: Create the X2Access instance, if an X2 link needs to be established.		

Table 28-545 IK4007202 - NEIGHBOR RELATION REPLACEMENT

Alarm	Attributes	Applicable major releases
Name: IK4007202 (4669) Type: processingErrorAlarm (81) Package: Ite Raised on class: Ite.Cell	Severity: variable Specific problem: NEIGHBOR RELATION REPLACEMENT (615) Implicitly cleared: true Default probable cause: unknown (1097)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This event indicates that a Neighbor Relation has been replaced with another higher priority neighbor.		
Impact: Neighbor Relation replaced		
Remedial action: No action is required.		

Table 28-546 IK4007203 - PSC CONFUSION UTRAN NEIGHB CELLS

Alarm	Attributes	Applicable major releases
Name: IK4007203 (4670) Type: operationalViolation (93) Package: Ite Raised on class: Ite.Cell	Severity: major Specific problem: PSC CONFUSION UTRAN NEIGHB CELLS (616) Implicitly cleared: true Default probable cause: configurationOrCustomizationError (902)	<ul style="list-style-type: none"> • LR13.3
Description: This alarm indicates this cell is a victim of a UTRAN PSC confusion, it has neighbor UTRAN cells in a particular UTRAN neighboring frequency that have the same PSC. A manual intervention is needed to solve the problem. This issue may affect mobility procedures from LTE to UTRAN.		
Impact: Mobility procedure triggered in the eNB towards UTRAN may be directed to a wrong neighboring cell, leading to further call drops.		
Remedial action: The maintenance action is to change the PSC value of one of the neighbor UTRAN cells to resolve the conflict.		

Table 28-547 IK4007204 - UTRAN CELL LOAD TRANSFER INITIATION REPORT FAILURE

Alarm	Attributes	Applicable major releases
Name: IK4007204 (4671) Type: communicationsAlarm (4) Package: Ite Raised on class: Ite.RncAccess	Severity: minor Specific problem: UTRAN CELL LOAD TRANSFER INITIATION REPORT FAILURE (617) Implicitly cleared: true Default probable cause: communicationsProtocolError (901)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This alarm indicates that CallIP does not manage to retrieve the cell load of a target UTRAN cell using RIM RAN-INFORMATION-REQUEST/multiple report.		
Remedial action: Check for the proper functioning of the following: 1. UTRAN cell provisioning; 2. RIM support for MME and SGSN; 3. IP routing path between eNodeB S1 interface IP endpoint and target RNC.		

Table 28-548 IK4007205 - CONFIRMED COMMUNICATION ISSUE MET WITH UE SETUPS ON THIS CELL

Alarm	Attributes	Applicable major releases
Name: IK4007205 (4672) Type: communicationsAlarm (4) Package: lte Raised on class: lte.Cell	Severity: critical Specific problem: CONFIRMED COMMUNICATION ISSUE MET WITH UE SETUPS ON THIS CELL (482) Implicitly cleared: true Default probable cause: applicationSubsystemFailure (689)	<ul style="list-style-type: none"> LR13.3
Description: This alarm indicates that an internal communication issue has been met for multiple UEs on this cell during the UE Setup procedure.		
Impact: LTE traffic is interrupted on this cell.		
Remedial action: Lock and then unlock the lteCell. If this fails to clear the fault then lock and unlock the modem (BB) board.		

Table 28-549 IK4007206 - SCTP RELEASE DUE TO DUPLICATED MMECs

Alarm	Attributes	Applicable major releases
Name: IK4007206 (4673) Type: operationalViolation (93) Package: lte Raised on class: lte.MmeAccess	Severity: critical Specific problem: SCTP RELEASE DUE TO DUPLICATED MMECs (618) Implicitly cleared: true Default probable cause: configurationOrCustomizationError (902)	<ul style="list-style-type: none"> LR13.3 LR14.1.L LR14.3.L
Description: This alarm indicates that a MMEC or PLMN, MMEGI, MMEC in the 'Served GUMMEIs' IE of S1 Setup Response from one MME was found to be a duplicate with the existing ones from another MME.		
Impact: MMEAccess changed to disabled/ offline. Capacity mismatch between eNodeB and MMEs is possible; some roaming UEs may get poor LTE service.		
Remedial action: Update MMEGI or MMEC to make MMEGI, MMEC unique across all MMEs having SCTP with the eNodeB, and then re-try S1 Setup.		

Table 28-550 IK4007207 - UTRAN CELL LOAD TRANSFER STOP FAILURE

Alarm	Attributes	Applicable major releases
Name: IK4007207 (4674) Type: communicationsAlarm (4) Package: lte Raised on class: lte.RncAccess	Severity: variable Specific problem: UTRAN CELL LOAD TRANSFER STOP FAILURE (619) Implicitly cleared: true Default probable cause: unknown (1097)	<ul style="list-style-type: none"> LR13.3 LR14.1.L LR14.3.L
Description: This event indicates that CallIP does not manage to stop event-driven cell load exchange of a target UTRAN Cell using RIM RAN-INFORMATION-REQUEST/stop.		
Remedial action: No action is required.		

Table 28-551 IK4007208 - UTRAN CELL LOAD UPDATE END

Alarm	Attributes	Applicable major releases
Name: IK4007208 (4675) Type: communicationsAlarm (4) Package: Ite Raised on class: Ite.RncAccess	Severity: variable Specific problem: UTRAN CELL LOAD UPDATE END (620) Implicitly cleared: true Default probable cause: unknown (1097)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This event indicates that the eNodeB CallIP has received RIM RAN-INFORMATION/end message from a target RNC indicating that event-driven cell load update for a target UTRAN cell has been stopped.		
Remedial action: No action is required.		

Table 28-552 IK4007209 - MME M3 SETUP FAILURE

Alarm	Attributes	Applicable major releases
Name: IK4007209 (7971) Type: qualityOfServiceAlarm (82) Package: Ite Raised on class: Ite.Mce	Severity: major Specific problem: MME M3 SETUP FAILURE (1878) Implicitly cleared: true Default probable cause: unknown (1097)	<ul style="list-style-type: none"> • LR14.3.L
Description: This alarm indicates that all the attempts initiated by the MCE to set up the M3 AP with a peer MME have failed. The failure can be due to a MME reject (oam intervention or unknown cause) or it can be due to a timer expiration on the MCE side because the MME has not answered on time.		
Impact: The M3MmeAccess Operational state and Availability Status are set to {Disabled, Failed}. So the peer MME concerned by the M3 setup failure can't convey the signaling for eMBMS.		
Remedial action: Correct the issue on the MME; when the issue is solved, lock then unlock the M3MmeAccess.		

Table 28-553 IK4007210 - MME M3 RESET ALL FAILURE

Alarm	Attributes	Applicable major releases
Name: IK4007210 (7972) Type: qualityOfServiceAlarm (82) Package: Ite Raised on class: Ite.Mce	Severity: major Specific problem: MME M3 RESET ALL FAILURE (1879) Implicitly cleared: true Default probable cause: unknown (1097)	<ul style="list-style-type: none"> • LR14.3.L
Description: This alarm indicates that all attempts to perform the MCE initiated M3 Reset/All have failed due to no response of the MME.		
Impact: The M3MmeAccess Operational state and Availability Status are set to {Disabled, Failed}. So the peer MME concerned by the M3 setup failure can't convey the signaling for eMBMS.		
Remedial action: Correct the issue on the MME; when the issue is solved, lock then unlock the M3MmeAccess.		

Table 28-554 IK4007212 - ABS DUTY CYCLE IMPACT ON DL PRB CONSUMPTION

Alarm	Attributes	Applicable major releases
Name: IK4007212 (7973) Type: qualityOfServiceAlarm (82) Package: lte Raised on class: lte.ENBEquipment	Severity: variable Specific problem: ABS DUTY CYCLE IMPACT ON DL PRB CONSUMPTION (1880) Implicitly cleared: true Default probable cause: unknown (1097)	<ul style="list-style-type: none"> LR14.3.L
Description: This event indicates that an on-line change of the ABS duty cycle leads to increase the downlink percentage of the PRB consumption beyond a configurable threshold called elcicDIAAlarmOnAbsDutyCycleThresholdOnPrb in the object called elcicAbsGenerationConf.		
Impact: Increase of the downlink percentage on the PRB consumption		
Remedial action: No action is required.		

Table 28-555 IK4007214 - END OF INTERRAT CDMA HRPD ANR ACTIVE PHASE

Alarm	Attributes	Applicable major releases
Name: IK4007214 (7974) Type: processingErrorAlarm (81) Package: lte Raised on class: lte.Cell	Severity: variable Specific problem: END OF INTERRAT CDMA HRPD ANR ACTIVE PHASE (1881) Implicitly cleared: true Default probable cause: unknown (1097)	<ul style="list-style-type: none"> LR14.3.L
Description: This event indicates the end of the inter-RAT CDMA HRPD ANR active phase.		
Impact: No impact on eNodeB.		
Remedial action: No action is required.		

Table 28-556 IK4007215 - END OF INTERRAT CDMA 1xRTT ANR ACTIVE PHASE

Alarm	Attributes	Applicable major releases
Name: IK4007215 (7975) Type: processingErrorAlarm (81) Package: lte Raised on class: lte.Cell	Severity: variable Specific problem: END OF INTERRAT CDMA 1xRTT ANR ACTIVE PHASE (1882) Implicitly cleared: true Default probable cause: unknown (1097)	<ul style="list-style-type: none"> LR14.3.L
Description: This event indicates the end of the inter-RAT CDMA 1xRTT ANR active phase.		
Impact: No impact on eNodeB.		
Remedial action: No action is required.		

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Table 28-557 IK4007216 - CDMA HRPD NEIGHBOR RELATION MIB INSTANCE CANNOT BE REMOVED BY ANR

Alarm	Attributes	Applicable major releases
Name: IK4007216 (7976) Type: processingErrorAlarm (81) Package: Ite Raised on class: Ite.Cell	Severity: major Specific problem: CDMA HRPD NEIGHBOR RELATION MIB INSTANCE CANNOT BE REMOVED BY ANR (1883) Implicitly cleared: true Default probable cause: configurationOrCustomizationError (902)	<ul style="list-style-type: none"> LR14.3.L
Description: This alarm indicates the HRPD neighbor relation MIB instance is not removed because the removal is not allowed.		
Impact: Mobility to this HRPD neighbor will be impacted.		
Remedial action: Remove the existing HRPD neighbor relation so that it can be created by ANR under the correct frequency.		

Table 28-558 IK4007217 - CDMA 1xRTT NEIGHBOR RELATION MIB INSTANCE CANNOT BE REMOVED BY ANR

Alarm	Attributes	Applicable major releases
Name: IK4007217 (7977) Type: processingErrorAlarm (81) Package: Ite Raised on class: Ite.Cell	Severity: major Specific problem: CDMA 1xRTT NEIGHBOR RELATION MIB INSTANCE CANNOT BE REMOVED BY ANR (1884) Implicitly cleared: true Default probable cause: configurationOrCustomizationError (902)	<ul style="list-style-type: none"> LR14.3.L
Description: This alarm indicates the 1xRTT neighbor relation MIB instance is not removed because the removal is not allowed.		
Impact: Mobility to this 1xRTT neighbor will be impacted.		
Remedial action: Remove the existing 1xRTT neighbor relation so that it can be created by ANR under the correct frequency.		

Table 28-559 IK4007218 - HRPD NEIGHBOR RELATION REPLACEMENT

Alarm	Attributes	Applicable major releases
Name: IK4007218 (7978) Type: processingErrorAlarm (81) Package: Ite Raised on class: Ite.Cell	Severity: variable Specific problem: HRPD NEIGHBOR RELATION REPLACEMENT (1885) Implicitly cleared: true Default probable cause: unknown (1097)	<ul style="list-style-type: none"> LR14.3.L
Description: This event indicates that a HRPD Neighbor Relation has been replaced with another higher priority neighbor.		
Impact: Neighbor Relation replaced		
Remedial action: No action is required.		

Table 28-560 IK4007219 - 1xRTT NEIGHBOR RELATION REPLACEMENT

Alarm	Attributes	Applicable major releases
Name: IK4007219 (7979) Type: processingErrorAlarm (81) Package: Ite Raised on class: Ite.Cell	Severity: variable Specific problem: 1xRTT NEIGHBOR RELATION REPLACEMENT (1886) Implicitly cleared: true Default probable cause: unknown (1097)	<ul style="list-style-type: none"> LR14.3.L
Description: This event indicates that a 1xRTT Neighbor Relation has been replaced with another higher priority neighbor.		
Impact: Neighbor Relation replaced		
Remedial action: No action is required.		

Table 28-561 IK4007220 - PCI CONFUSION CDMA NEIGHB CELLS

Alarm	Attributes	Applicable major releases
Name: IK4007220 (7980) Type: operationalViolation (93) Package: Ite Raised on class: Ite.Cell	Severity: major Specific problem: PCI CONFUSION CDMA NEIGHB CELLS (1887) Implicitly cleared: true Default probable cause: configurationOrCustomizationError (902)	<ul style="list-style-type: none"> LR14.3.L
Description: This alarm indicates this cell is a victim of a CDMA PCI (pnOffset) confusion, it has neighbor cells in a particular CDMA neighboring frequency that have the same PCI. A manual intervention is needed to solve the problem. This issue may affect mobility procedures from LTE to CDMA.		
Impact: Mobility procedure triggered in the eNB towards CDMA may be directed to a wrong neighboring cell.		
Remedial action: The maintenance action is to change the PCI value of one of the neighbor CDMA cells to resolve the conflict.		

Table 28-562 IK4007221 - UTRAN NEIGHBOR RELATION MIB INSTANCE CANNOT BE REMOVED BY ANR

Alarm	Attributes	Applicable major releases
Name: IK4007221 (7981) Type: processingErrorAlarm (81) Package: Ite Raised on class: Ite.UtraFddNeighboringCellRelation	Severity: major Specific problem: UTRAN NEIGHBOR RELATION MIB INSTANCE CANNOT BE REMOVED BY ANR (585) Implicitly cleared: true Default probable cause: configurationOrCustomizationError (902)	<ul style="list-style-type: none"> LR14.3.L
Description: This alarm indicates the UTRAN neighbor relation MIB instance is not removed because the removal is not allowed.		
Impact: Mobility to this Neighbor will be impacted.		
Remedial action: Remove the existing UTRAN neighbor relation so that it can be created by ANR under the correct frequency.		

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Table 28-563 IK4007222 - PCI OUT OF PCI ALLOWED LIST DETECTED UNDER RESOLUTION

Alarm	Attributes	Applicable major releases
Name: IK4007222 (7982) Type: operationalViolation (93) Package: Ite Raised on class: Ite.Cell	Severity: warning Specific problem: PCI OUT OF PCI ALLOWED LIST DETECTED UNDER RESOLUTION (1888) Implicitly cleared: true Default probable cause: configurationOrCustomizationError (902)	<ul style="list-style-type: none"> LR14.3.L
Description: This alarm indicates a PCI out of the related pciAllowedList provided by the operator. The eNodeB attempts for a resolution.		
Impact: The impact is that the PCI used is not in the list provided by the operator, so may use a value reserved for other topic.		
Remedial action: This is due to an operator action. AutoPCI will solve the issue by changing the PCI. So check that pciAllowedList is the one that you really need.		

Table 28-564 IK4008004 - EBP FAULT 1

Alarm	Attributes	Applicable major releases
Name: IK4008004 (3112) Type: equipmentAlarm (3) Package: Ite Raised on class: Ite.ENBEquipment	Severity: minor Specific problem: EBP FAULT 1 (624) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> LR13.3 LR14.1.L LR14.3.L
Description: Provisioned for late churn-in.		
Impact: Check the additional info for impact details.		
Remedial action: Check the additional info for maintenance action details.		

Table 28-565 IK4008005 - EBP FAULT 2

Alarm	Attributes	Applicable major releases
Name: IK4008005 (3113) Type: equipmentAlarm (3) Package: Ite Raised on class: Ite.ENBEquipment	Severity: minor Specific problem: EBP FAULT 2 (625) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> LR13.3 LR14.1.L LR14.3.L
Description: Provisioned for late churn-in.		
Impact: Check the additional info for impact details.		
Remedial action: Check the additional info for maintenance action details.		

Table 28-566 IK4008006 - EBP FAULT 3

Alarm	Attributes	Applicable major releases
Name: IK4008006 (3114) Type: equipmentAlarm (3) Package: Ite Raised on class: Ite.ENBEquipment	Severity: minor Specific problem: EBP FAULT 3 (626) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: Provisioned for late churn-in.		
Impact: Check the additional info for impact details.		
Remedial action: Check the additional info for maintenance action details.		

Table 28-567 IK4008007 - EBP FAULT 4

Alarm	Attributes	Applicable major releases
Name: IK4008007 (3115) Type: equipmentAlarm (3) Package: Ite Raised on class: Ite.ENBEquipment	Severity: minor Specific problem: EBP FAULT 4 (627) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: Provisioned for late churn-in.		
Impact: Check the additional info for impact details.		
Remedial action: Check the additional info for maintenance action details.		

Table 28-568 IK4008008 - EBP FAULT 5

Alarm	Attributes	Applicable major releases
Name: IK4008008 (3116) Type: equipmentAlarm (3) Package: Ite Raised on class: Ite.ENBEquipment	Severity: minor Specific problem: EBP FAULT 5 (628) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: Provisioned for late churn-in.		
Impact: Check the additional info for impact details.		
Remedial action: Check the additional info for maintenance action details.		

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Table 28-569 IK4008009 - EBP TRANS LSL BHPORT

Alarm	Attributes	Applicable major releases
Name: IK4008009 (3117) Type: equipmentAlarm (3) Package: Ite Raised on class: Ite.ENBEquipment	Severity: minor Specific problem: EBP TRANS LSL BHPORT (629) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This alarm indicates the detection of degraded received optical signal level on port.		
Impact: Degraded received optical signal strength on port 1.		
Remedial action: Check SFP module and fiber cable, cleaning or replacement is required.		

Table 28-570 IK4008010 - ETHERNET BACKHAUL PORT INIT

Alarm	Attributes	Applicable major releases
Name: IK4008010 (3790) Type: equipmentAlarm (3) Package: Ite Raised on class: Ite.ENBEquipment	Severity: critical Specific problem: ETHERNET BACKHAUL PORT INIT (630) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This alarm indicates an initialization failure.		
Impact: EBP is out of service.		
Remedial action: Power cycle entire CB.		

Table 28-571 IK4008011 - ETHERNET BACKHAUL PORT TX

Alarm	Attributes	Applicable major releases
Name: IK4008011 (3791) Type: equipmentAlarm (3) Package: Ite Raised on class: Ite.ENBEquipment	Severity: critical Specific problem: ETHERNET BACKHAUL PORT TX (631) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR13.3
Description: This alarm indicates a fault in transmit path.		
Impact: EBP is out of service.		
Remedial action: Check cable.		

Table 28-572 IK4008012 - ETHERNET BACKHAUL PORT RX

Alarm	Attributes	Applicable major releases
Name: IK4008012 (3792) Type: equipmentAlarm (3) Package: lte Raised on class: lte.ENBEquipment	Severity: critical Specific problem: ETHERNET BACKHAUL PORT RX (632) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> LR13.3
Description: This alarm indicates a fault in receive path.		
Impact: EBP is out of service.		
Remedial action: Check cable.		

Table 28-573 IK4008013 - EBP INDETERMINATE OPERATIONAL FAILURE

Alarm	Attributes	Applicable major releases
Name: IK4008013 (3793) Type: equipmentAlarm (3) Package: lte Raised on class: lte.ENBEquipment	Severity: critical Specific problem: EBP INDETERMINATE OPERATIONAL FAILURE (633) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> LR13.3
Description: This alarm indicates that a failure of the Ethernet backhaul (telecom) port has been detected that cannot be described by any specific alarm.		
Impact: External communication (both OAM and Telecom) may have failed or become unstable.		
Remedial action: Inspect the Ethernet port SFP and cable, replace any faulty unit. If these are good then the controller board may need to be resealed, or replaced.		

Table 28-574 IK4008014 - EBP ALL SFP MISSING

Alarm	Attributes	Applicable major releases
Name: IK4008014 (4676) Type: equipmentAlarm (3) Package: lte Raised on class: lte.ENBEquipment	Severity: critical Specific problem: EBP ALL SFP MISSING (634) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> LR13.3 LR14.1.L LR14.3.L
Description: All SFPs are missing.		
Impact: LTE service is not available without the SFPs.		
Remedial action: Insert SFPs then reset the SCB to clear the alarm.		

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Table 28-575 IK4008015 - ETHERNET BACKHAUL PORT TX

Alarm	Attributes	Applicable major releases
Name: IK4008015 (5227) Type: equipmentAlarm (3) Package: Ite Raised on class: Ite.ENBEquipment	Severity: critical Specific problem: ETHERNET BACKHAUL PORT TX (631) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR14.1.L • LR14.3.L
Description: This alarm indicates a fault in transmit path.		
Impact: EBP is out of service.		
Remedial action: Check cable.		

Table 28-576 IK4008016 - ETHERNET BACKHAUL PORT RX

Alarm	Attributes	Applicable major releases
Name: IK4008016 (5228) Type: equipmentAlarm (3) Package: Ite Raised on class: Ite.ENBEquipment	Severity: critical Specific problem: ETHERNET BACKHAUL PORT RX (632) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR14.1.L • LR14.3.L
Description: This alarm indicates a fault in receive path.		
Impact: EBP is out of service.		
Remedial action: Check cable.		

Table 28-577 IK4008017 - EBP INDETERMINATE OPERATIONAL FAILURE

Alarm	Attributes	Applicable major releases
Name: IK4008017 (5229) Type: equipmentAlarm (3) Package: Ite Raised on class: Ite.ENBEquipment	Severity: critical Specific problem: EBP INDETERMINATE OPERATIONAL FAILURE (633) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR14.1.L • LR14.3.L
Description: This alarm indicates that a failure of the Ethernet backhaul (telecom) port has been detected that cannot be described by any specific alarm.		
Impact: External communication (both OAM and Telecom) may have failed or become unstable.		
Remedial action: Inspect the Ethernet port SFP and cable, replace any faulty unit. If these are good then the controller board may need to be reset, or replaced.		

Table 28-578 IK4008018 - EBP SFP1 I2C FAULT

Alarm	Attributes	Applicable major releases
Name: IK4008018 (5230) Type: equipmentAlarm (3) Package: Ite Raised on class: Ite.ENBEquipment	Severity: minor Specific problem: EBP SFP1 I2C FAULT (635) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR14.1.L • LR14.3.L
Description: This alarm indicates CB cannot read info of SFP1 through I2C		
Impact: Inventory, temperature and TX/RX power of SFP cannot be read out properly		
Remedial action: Reset the CB or replace the SFP		

Table 28-579 IK4008019 - EBP SFP2 I2C FAULT

Alarm	Attributes	Applicable major releases
Name: IK4008019 (5231) Type: equipmentAlarm (3) Package: Ite Raised on class: Ite.ENBEquipment	Severity: minor Specific problem: EBP SFP2 I2C FAULT (636) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR14.1.L • LR14.3.L
Description: This alarm indicates CB cannot read info of SFP2 through I2C		
Impact: Inventory, temperature and TX/RX power of SFP cannot be read out properly		
Remedial action: Reset the CB or replace the SFP		

Table 28-580 IK4009001 - AUTOTEST FAILURE

Alarm	Attributes	Applicable major releases
Name: IK4009001 (2616) Type: equipmentAlarm (3) Package: Ite Raised on class: Ite.BBCardSpecifics	Severity: critical Specific problem: AUTOTEST FAILURE (637) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This alarm indicates that the self test of the module reported an error.		
Impact: Telecom: The telecom resources processed by the module are lost as the module is out of service. OAM: No impact on OAM service.		
Remedial action: Reset the module. If the alarm persists, replace the module.		

Table 28-581 IK4009002 - AUTOTEST FAILURE

Alarm	Attributes	Applicable major releases
Name: IK4009002 (2617) Type: equipmentAlarm (3) Package: Ite Raised on class: Ite.CBCardSpecifics	Severity: critical Specific problem: AUTOTEST FAILURE (637) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This alarm indicates that the self test of the module reported an error.		
Impact: Telecom: The telecom resources processed by the module are lost as the module is out of service. OAM: No impact on OAM service.		
Remedial action: Reset the module. If the alarm persists, replace the module.		

Table 28-582 IK4009003 - AUTOTEST FAILURE

Alarm	Attributes	Applicable major releases
Name: IK4009003 (2618) Type: equipmentAlarm (3) Package: Ite Raised on class: Ite.ENBShelfSpecifics	Severity: critical Specific problem: AUTOTEST FAILURE (637) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This alarm indicates that the self test of the module reported an error.		
Impact: Telecom: The telecom resources processed by the module are lost as the module is out of service. OAM: No impact on OAM service.		
Remedial action: Reset the module. If the alarm persists, replace the module.		

Table 28-583 IK4009006 - DHCP FAILURE TO OBTAIN PTP IP ADDRESS

Alarm	Attributes	Applicable major releases
Name: IK4009006 (2621) Type: processingErrorAlarm (81) Package: Ite Raised on class: Ite.MODULE	Severity: major Specific problem: DHCP FAILURE TO OBTAIN PTP IP ADDRESS (638) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR14.1.L • LR14.3.L
Description: This alarm indicates that the eNodeB has failed to receive PTP IP addresses: End Point and PTP server IP addresses (not only End point IP address)		
Impact: Telecom: No impact on telecom service. OAM: the eNodeB continues sending DHCP requests for 1588 IP addresses		
Remedial action: Check and correct its DHCP configuration for 1588 IP addresses. When the alarm is raised it means that eNodeB has not received an answer from DHCP to its 1588 DHCP request.		

Table 28-584 IK4009007 - HIGH PACKET DROPPING RATE

Alarm	Attributes	Applicable major releases
Name: IK4009007 (2622) Type: securityServiceOrMechanismViolation (92) Package: lte Raised on class: lte.ENBEquipment	Severity: critical Specific problem: HIGH PACKET DROPPING RATE (639) Implicitly cleared: true Default probable cause: floodDetected (1482)	<ul style="list-style-type: none"> • LR14.1.L • LR14.3.L
Description: This alarm indicates that the policer controlling the local ingress traffic of the eNB is dropping packets on some flows with an abnormal rate.		
Impact: The OAM and Telecom services are impacted.		
Remedial action: Unknown.		

Table 28-585 IK4009008 - LAST S1 SCTP ASSOCIATION FAILURE

Alarm	Attributes	Applicable major releases
Name: IK4009008 (5232) Type: equipmentAlarm (3) Package: lte Raised on class: lte.ENBEquipment	Severity: critical Specific problem: LAST S1 SCTP ASSOCIATION FAILURE (640) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR14.1.L • LR14.3.L
Description: This alarm indicates that the MME does not acknowledge the S1 association request from the eNodeB.		
Impact: Telecom: Telecom traffic is not possible. OAM: No impact on OAM service.		
Remedial action: 1. Check IP and SCTP provisioning in eNB and MME. 2. Check network connectivity between eNB and MME.		

Table 28-586 IK4009009 - LAST S1 SCTP ASSOCIATION DOWN

Alarm	Attributes	Applicable major releases
Name: IK4009009 (5233) Type: equipmentAlarm (3) Package: lte Raised on class: lte.ENBEquipment	Severity: critical Specific problem: LAST S1 SCTP ASSOCIATION DOWN (641) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR14.1.L • LR14.3.L
Description: This alarm indicates the last S1 association fault between eNodeB and MME.		
Impact: Telecom: Impacts the telecom service depending on the nature of failure. OAM: No impact on OAM service.		
Remedial action: 1. Check IP and SCTP provisioning in eNB and MME. 2. Check network connectivity between eNB and MME.		

Table 28-587 IK4009010 - OAM MF EVENT 2

Alarm	Attributes	Applicable major releases
Name: IK4009010 (2623) Type: equipmentAlarm (3) Package: Ite Raised on class: Ite.MODULE	Severity: variable Specific problem: OAM MF EVENT 2 (642) Implicitly cleared: true Default probable cause: unknown (1097)	<ul style="list-style-type: none"> • LR14.1.L • LR14.3.L
Description: Provisioned for late churn-in. This is a spare event for future use.		
Impact: Unknown.		
Remedial action: No action is required.		

Table 28-588 IK4009011 - OAM MF EVENT 3

Alarm	Attributes	Applicable major releases
Name: IK4009011 (2624) Type: equipmentAlarm (3) Package: Ite Raised on class: Ite.MODULE	Severity: variable Specific problem: OAM MF EVENT 3 (643) Implicitly cleared: true Default probable cause: unknown (1097)	<ul style="list-style-type: none"> • LR14.1.L • LR14.3.L
Description: Provisioned for late churn-in. This is a spare event for future use.		
Impact: Unknown.		
Remedial action: No action is required.		

Table 28-589 IK4009012 - MODULE EXTRACTION

Alarm	Attributes	Applicable major releases
Name: IK4009012 (2625) Type: equipmentAlarm (3) Package: Ite Raised on class: Ite.BBCardSpecifics	Severity: variable Specific problem: MODULE EXTRACTION (644) Implicitly cleared: true Default probable cause: unknown (1097)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This event indicates that the system detected extraction of the module.		
Impact: The resources processed by the module are lost.		
Remedial action: No action is required.		

Table 28-590 IK4009013 - MF EVENT 1

Alarm	Attributes	Applicable major releases
Name: IK4009013 (5234) Type: processingErrorAlarm (81) Package: Ite Raised on class: Ite.MODULE	Severity: variable Specific problem: MF EVENT 1 (645) Implicitly cleared: true Default probable cause: unknown (1097)	<ul style="list-style-type: none"> • LR14.1.L • LR14.3.L
Description: Provisioned for late churn-in. Unspecified MF fault detected.		
Impact: Unknown.		
Remedial action: No action is required.		

Table 28-591 IK4009014 - MF EVENT 2

Alarm	Attributes	Applicable major releases
Name: IK4009014 (5235) Type: processingErrorAlarm (81) Package: Ite Raised on class: Ite.MODULE	Severity: variable Specific problem: MF EVENT 2 (646) Implicitly cleared: true Default probable cause: unknown (1097)	<ul style="list-style-type: none"> • LR14.1.L • LR14.3.L
Description: Provisioned for late churn-in. Unspecified MF fault detected.		
Impact: Unknown.		
Remedial action: No action is required.		

Table 28-592 IK4009017 - MF EVENT 3

Alarm	Attributes	Applicable major releases
Name: IK4009017 (5236) Type: processingErrorAlarm (81) Package: Ite Raised on class: Ite.MODULE	Severity: variable Specific problem: MF EVENT 3 (647) Implicitly cleared: true Default probable cause: unknown (1097)	<ul style="list-style-type: none"> • LR14.1.L • LR14.3.L
Description: Provisioned for late churn-in. Unspecified MF fault detected.		
Impact: Unknown.		
Remedial action: No action is required.		

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Table 28-593 IK4009020 - X2 SCTP ASSOCIATION FAILURE

Alarm	Attributes	Applicable major releases
Name: IK4009020 (2630) Type: equipmentAlarm (3) Package: Ite Raised on class: Ite.X2TransportLayerAccess	Severity: major Specific problem: X2 SCTP ASSOCIATION FAILURE (650) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This alarm indicates that the neighboring eNodeB does not acknowledge the X2 association requests from the eNodeB.		
Impact: Telecom: No impact on the cells. Impacts the handover. OAM: No impact on OAM service.		
Remedial action: Reset the eNodeB.		

Table 28-594 IK4009022 - X2 SCTP ASSOCIATION DOWN

Alarm	Attributes	Applicable major releases
Name: IK4009022 (2632) Type: equipmentAlarm (3) Package: Ite Raised on class: Ite.X2TransportLayerAccess	Severity: major Specific problem: X2 SCTP ASSOCIATION DOWN (652) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This alarm indicates a fault in the X2 association between the eNodeBs.		
Impact: Telecom: No impact on the cells. Impacts the handover. OAM: No impact on OAM service.		
Remedial action: 1. Check IP and SCTP provisioning in eNB and peer eNB. 2. Check network connectivity between eNB and peer eNB.		

Table 28-595 IK4009024 - OAM INTERFACE CONFIGURATION FAILURE

Alarm	Attributes	Applicable major releases
Name: IK4009024 (2634) Type: equipmentAlarm (3) Package: Ite Raised on class: Ite.CBCardSpecifics	Severity: critical Specific problem: OAM INTERFACE CONFIGURATION FAILURE (654) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This alarm indicates the failure of the IP and Ethernet configuration on the OAM interface.		
Impact: Telecom: Telecom traffic is not possible. OAM: The eNodeB management is not possible.		
Remedial action: Reset the eNodeB. If the alarm persists, contact the next level of support.		

Table 28-596 IK4009025 - TELECOM INTERFACE CONFIGURATION FAILURE

Alarm	Attributes	Applicable major releases
Name: IK4009025 (2635) Type: equipmentAlarm (3) Package: Ite Raised on class: Ite.CBCardSpecifics	Severity: critical Specific problem: TELECOM INTERFACE CONFIGURATION FAILURE (655) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This alarm indicates the failure of the IP and Ethernet configuration on the telecom interface.		
Impact: Telecom: Telecom traffic is not possible. OAM: No impact on OAM service.		
Remedial action: Reset the eNodeB. If the alarm persists, contact the next level of support.		

Table 28-597 IK4009026 - SSH SERVER START FAILURE

Alarm	Attributes	Applicable major releases
Name: IK4009026 (2636) Type: equipmentAlarm (3) Package: Ite Raised on class: Ite.CBCardSpecifics	Severity: critical Specific problem: SSH SERVER START FAILURE (656) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This alarm indicates the failure to start the SSH server.		
Impact: Telecom: No impact on telecom service. OAM: SSH sessions on eNodeB are not possible.		
Remedial action: Reset the eNodeB.		

Table 28-598 IK4009027 - SSH SERVER STOP FAILURE

Alarm	Attributes	Applicable major releases
Name: IK4009027 (2637) Type: equipmentAlarm (3) Package: Ite Raised on class: Ite.CBCardSpecifics	Severity: variable Specific problem: SSH SERVER STOP FAILURE (657) Implicitly cleared: true Default probable cause: unknown (1097)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This event indicates the failure to stop the SSH server.		
Impact: Telecom: No impact on telecom service. OAM: No impact on OAM service.		
Remedial action: No action is required.		

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Table 28-599 IK4009028 - SNTP CLIENT START FAILURE

Alarm	Attributes	Applicable major releases
Name: IK4009028 (2638) Type: equipmentAlarm (3) Package: Ite Raised on class: Ite.CBCardSpecifics	Severity: minor Specific problem: SNTP CLIENT START FAILURE (658) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This alarm indicates the failure to start the SNTP client.		
Impact: Telecom: No impact on telecom service. OAM: The eNodeB is not time synchronized with the NTP server.		
Remedial action: Check the network connectivity of NTP server and NTP server address provisioning. If the NTP server is unreachable or the provisioning is incorrect, address those aspects. If all other possible causes have been eliminated, reset the eNB.		

Table 28-600 IK4009029 - SNTP CLIENT STOP FAILURE

Alarm	Attributes	Applicable major releases
Name: IK4009029 (2639) Type: equipmentAlarm (3) Package: Ite Raised on class: Ite.CBCardSpecifics	Severity: variable Specific problem: SNTP CLIENT STOP FAILURE (659) Implicitly cleared: true Default probable cause: unknown (1097)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This event indicates the failure to stop the SNTP client.		
Impact: Telecom: No impact on telecom service. OAM: No impact on OAM service.		
Remedial action: No action is required.		

Table 28-601 IK4009030 - WALG INITIALIZATION FAILURE

Alarm	Attributes	Applicable major releases
Name: IK4009030 (5237) Type: equipmentAlarm (3) Package: Ite Raised on class: Ite.CBCardSpecifics	Severity: critical Specific problem: WALG INITIALIZATION FAILURE (660) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR14.1.L • LR14.3.L
Description: This alarm indicates a failure to initialize the WAL gateway.		
Impact: Telecom: Telecom traffic is not possible. OAM: No impact on OAM service.		
Remedial action: Reset the eNodeB.		

Table 28-602 IK4009032 - DHCP CLIENT START FAILURE

Alarm	Attributes	Applicable major releases
Name: IK4009032 (2640) Type: equipmentAlarm (3) Package: lte Raised on class: lte.CBCardSpecifics	Severity: critical Specific problem: DHCP CLIENT START FAILURE (661) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This alarm indicates the failure to start the DHCP client on the eNodeB network interface.		
Impact: Telecom: Telecom traffic is not possible. OAM: The eNodeB management is not possible.		
Remedial action: Reset the eNodeB.		

Table 28-603 IK4009033 - DHCP CLIENT STOP FAILURE

Alarm	Attributes	Applicable major releases
Name: IK4009033 (2641) Type: equipmentAlarm (3) Package: lte Raised on class: lte.CBCardSpecifics	Severity: variable Specific problem: DHCP CLIENT STOP FAILURE (662) Implicitly cleared: true Default probable cause: unknown (1097)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This event indicates the failure to stop the DHCP client on the eNodeB network interface.		
Impact: Telecom: No impact on telecom service. OAM: No impact on OAM service.		
Remedial action: No action is required.		

Table 28-604 IK4009034 - UNEXPECTED DATA FROM DHCP SERVER

Alarm	Attributes	Applicable major releases
Name: IK4009034 (2642) Type: processingErrorAlarm (81) Package: lte Raised on class: lte.CBCardSpecifics	Severity: minor Specific problem: UNEXPECTED DATA FROM DHCP SERVER (663) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This alarm indicates that the lease time offered by the DHCP server is different from the lease time requested by the DHCP client.		
Impact: Telecom: No impact on telecom service. OAM: No impact on OAM service.		
Remedial action: Configure the DHCP server with an infinite lease time.		

Table 28-605 IK4009035 - INCONSISTENT DATA FROM DHCP SERVER

Alarm	Attributes	Applicable major releases
Name: IK4009035 (2643) Type: processingErrorAlarm (81) Package: Ite Raised on class: Ite.CBCardSpecifics	Severity: critical Specific problem: INCONSISTENT DATA FROM DHCP SERVER (664) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> LR13.3
Description: This alarm indicates that the eNodeB does not support the modified IP address offered by the DHCP server.		
Impact: Telecom: No impact on telecom service. OAM: The eNodeB uses the old IP address. eNodeB management is still possible.		
Remedial action: Reset the eNodeB.		

Table 28-606 IK4009036 - ETHERNET TRANSPORT FAILURE

Alarm	Attributes	Applicable major releases
Name: IK4009036 (2644) Type: communicationsAlarm (4) Package: Ite Raised on class: Ite.CBCardSpecifics	Severity: major Specific problem: ETHERNET TRANSPORT FAILURE (665) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> LR13.3 LR14.1.L LR14.3.L
Description: This alarm indicates an interface error due to the counters exceeding the configured threshold.		
Impact: Telecom: The performance of the telecom service is low. OAM: The performance of the OAM service is low.		
Remedial action: Check the network status and cabling if possible. If the alarm persists, contact the next level support.		

Table 28-607 IK4009041 - NO CONTACT TO BOARD

Alarm	Attributes	Applicable major releases
Name: IK4009041 (2648) Type: equipmentAlarm (3) Package: Ite Raised on class: Ite.BBCardSpecifics	Severity: major Specific problem: NO CONTACT TO BOARD (667) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> LR13.3 LR14.1.L LR14.3.L
Description: This alarm indicates a failure in communication with the board.		
Impact: Telecom: The performance of the telecom service is low. OAM: No impact on OAM service.		
Remedial action: Check the board connectivity.		

Table 28-608 IK4009042 - NO RESPONSE TO ECHO REQUEST ON S1

Alarm	Attributes	Applicable major releases
Name: IK4009042 (2649) Type: communicationsAlarm (4) Package: lte Raised on class: lte.MmeAccess	Severity: major Specific problem: NO RESPONSE TO ECHO REQUEST ON S1 (666) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This alarm indicates a S1 fault due to the GTP Echo request.		
Impact: Telecom: The performance of the telecom service is low. OAM: No impact on OAM service.		
Remedial action: Check for connectivity and verify the GTP provisioning.		

Table 28-609 IK4009044 - S1 SCTP ASSOCIATION FAILURE

Alarm	Attributes	Applicable major releases
Name: IK4009044 (2650) Type: equipmentAlarm (3) Package: lte Raised on class: lte.MmeTransportLayerAccess	Severity: major Specific problem: S1 SCTP ASSOCIATION FAILURE (649) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This alarm indicates that the MME does not acknowledge the S1 association request from the eNodeB.		
Impact: Telecom: Telecom traffic is not possible. OAM: No impact on OAM service.		
Remedial action: 1. Check IP and SCTP provisioning in eNB and MME. 2. Check network connectivity between eNB and MME.		

Table 28-610 IK4009046 - S1 SCTP ASSOCIATION DOWN

Alarm	Attributes	Applicable major releases
Name: IK4009046 (2651) Type: equipmentAlarm (3) Package: lte Raised on class: lte.MmeTransportLayerAccess	Severity: major Specific problem: S1 SCTP ASSOCIATION DOWN (651) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This alarm indicates a S1 association fault between eNodeB and MME.		
Impact: Telecom: Impacts the telecom service depending on the nature of failure. OAM: No impact on OAM service.		
Remedial action: 1. Check IP and SCTP provisioning in eNB and MME. 2. Check network connectivity between eNB and MME.		

Table 28-611 IK4009048 - DHCP LEASE LOST

Alarm	Attributes	Applicable major releases
Name: IK4009048 (2652) Type: equipmentAlarm (3) Package: Ite Raised on class: Ite.CBCardSpecifics	Severity: variable Specific problem: DHCP LEASE LOST (668) Implicitly cleared: true Default probable cause: unknown (1097)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This event indicates that the DHCP client lost the lease of the DHCP server.		
Impact: Telecom: No impact on telecom service. OAM: No impact on OAM service.		
Remedial action: No action is required.		

Table 28-612 IK4009049 - DHCP CLIENT LEASE FAILURE

Alarm	Attributes	Applicable major releases
Name: IK4009049 (2653) Type: equipmentAlarm (3) Package: Ite Raised on class: Ite.CBCardSpecifics	Severity: major Specific problem: DHCP CLIENT LEASE FAILURE (669) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This alarm indicates the failure of the DHCP client to obtain the lease from the DHCP server.		
Impact: Telecom: Telecom traffic is not possible. OAM: The eNodeB backhaul interface is not configured.		
Remedial action: Check for connectivity. Check for DHCP server and network configurations.		

Table 28-613 IK4009050 - IP LOOPBACK ACTIVE

Alarm	Attributes	Applicable major releases
Name: IK4009050 (2654) Type: equipmentAlarm (3) Package: Ite Raised on class: Ite.CBCardSpecifics	Severity: warning Specific problem: IP LOOPBACK ACTIVE (670) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This alarm indicates that the IP loopback is activated.		
Impact: Telecom: Telecom traffic is not possible. OAM: The maintenance is restricted to local terminal.		
Remedial action: Call the next level of support.		

Table 28-614 IK4009051 - IP LOOPBACK MANUAL TERMINATION

Alarm	Attributes	Applicable major releases
Name: IK4009051 (2655) Type: equipmentAlarm (3) Package: Ite Raised on class: Ite.CBCardSpecifics	Severity: variable Specific problem: IP LOOPBACK MANUAL TERMINATION (671) Implicitly cleared: true Default probable cause: unknown (1097)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This event indicates that the IP loopback is manually stopped.		
Impact: Telecom: No impact on telecom service. OAM: No impact on OAM service.		
Remedial action: No action is required.		

Table 28-615 IK4009052 - IP LOOPBACK INACTIVITY PERIOD TERMINATION

Alarm	Attributes	Applicable major releases
Name: IK4009052 (2656) Type: equipmentAlarm (3) Package: Ite Raised on class: Ite.CBCardSpecifics	Severity: variable Specific problem: IP LOOPBACK INACTIVITY PERIOD TERMINATION (672) Implicitly cleared: true Default probable cause: unknown (1097)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This event indicates that the IP loopback stopped automatically due to inactivity for certain period.		
Impact: Telecom: No impact on telecom service. OAM: No impact on OAM service.		
Remedial action: No action is required.		

Table 28-616 IK4009053 - IP LOOPBACK GUARD TIMER TERMINATION

Alarm	Attributes	Applicable major releases
Name: IK4009053 (2657) Type: equipmentAlarm (3) Package: Ite Raised on class: Ite.CBCardSpecifics	Severity: variable Specific problem: IP LOOPBACK GUARD TIMER TERMINATION (673) Implicitly cleared: true Default probable cause: unknown (1097)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This event indicates that the IP loopback stopped automatically due to expiry of the guard timer.		
Impact: Telecom: No impact on telecom service. OAM: No impact on OAM service.		
Remedial action: No action is required.		

Table 28-617 IK4009054 - MODULE EXTRACTION

Alarm	Attributes	Applicable major releases
Name: IK4009054 (2658) Type: equipmentAlarm (3) Package: Ite Raised on class: Ite.AMR	Severity: variable Specific problem: MODULE EXTRACTION (644) Implicitly cleared: true Default probable cause: unknown (1097)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This event indicates that the system detected extraction of the module.		
Impact: The resources processed by the module are lost.		
Remedial action: No action is required.		

Table 28-618 IK4009055 - MODULE EXTRACTION

Alarm	Attributes	Applicable major releases
Name: IK4009055 (2659) Type: equipmentAlarm (3) Package: Ite Raised on class: Ite.TmaAIdEntry	Severity: variable Specific problem: MODULE EXTRACTION (644) Implicitly cleared: true Default probable cause: unknown (1097)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This event indicates that the system detected extraction of the module.		
Impact: The resources processed by the module are lost.		
Remedial action: No action is required.		

Table 28-619 IK4009056 - MODULE EXTRACTION

Alarm	Attributes	Applicable major releases
Name: IK4009056 (2660) Type: equipmentAlarm (3) Package: Ite Raised on class: Ite.RetAIdEntry	Severity: variable Specific problem: MODULE EXTRACTION (644) Implicitly cleared: true Default probable cause: unknown (1097)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This event indicates that the system detected extraction of the module.		
Impact: The resources processed by the module are lost.		
Remedial action: No action is required.		

Table 28-620 IK4009057 - NO CONTACT TO BOARD

Alarm	Attributes	Applicable major releases
Name: IK4009057 (2661) Type: equipmentAlarm (3) Package: Ite Raised on class: Ite.AMR	Severity: major Specific problem: NO CONTACT TO BOARD (667) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This alarm indicates a failure in communication with the board.		
Impact: Telecom: The performance of the telecom service is low. OAM: No impact on OAM service.		
Remedial action: Check for connectivity with the board.		

Table 28-621 IK4009058 - NO CONTACT TO BOARD

Alarm	Attributes	Applicable major releases
Name: IK4009058 (2662) Type: equipmentAlarm (3) Package: Ite Raised on class: Ite.TmaAidEntry	Severity: major Specific problem: NO CONTACT TO BOARD (667) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This alarm indicates a failure in communication with the board.		
Impact: Telecom: The performance of the telecom service is low. OAM: No impact on OAM service.		
Remedial action: Check for connectivity with the board.		

Table 28-622 IK4009059 - NO CONTACT TO BOARD

Alarm	Attributes	Applicable major releases
Name: IK4009059 (2663) Type: equipmentAlarm (3) Package: Ite Raised on class: Ite.RetAidEntry	Severity: major Specific problem: NO CONTACT TO BOARD (667) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This alarm indicates a failure in communication with the board.		
Impact: Telecom: The performance of the telecom service is low. OAM: No impact on OAM service.		
Remedial action: Check for connectivity with the board.		

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Table 28-623 IK4009060 - OAM AMR FAULT 1

Alarm	Attributes	Applicable major releases
Name: IK4009060 (3118) Type: equipmentAlarm (3) Package: Ite Raised on class: Ite.AMR	Severity: minor Specific problem: OAM AMR FAULT 1 (674) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: Provisioned for late churn-in. This is a spare alarm for future use.		
Impact: Unknown.		
Remedial action: Call the next level of support.		

Table 28-624 IK4009061 - OAM AMR FAULT 2

Alarm	Attributes	Applicable major releases
Name: IK4009061 (3119) Type: equipmentAlarm (3) Package: Ite Raised on class: Ite.AMR	Severity: minor Specific problem: OAM AMR FAULT 2 (675) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: Provisioned for late churn-in. This is a spare alarm for future use.		
Impact: Unknown.		
Remedial action: Call the next level of support.		

Table 28-625 IK4009062 - OAM AMR FAULT 3

Alarm	Attributes	Applicable major releases
Name: IK4009062 (3120) Type: equipmentAlarm (3) Package: Ite Raised on class: Ite.AMR	Severity: minor Specific problem: OAM AMR FAULT 3 (676) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: Provisioned for late churn-in. This is a spare alarm for future use.		
Impact: Unknown.		
Remedial action: Call the next level of support.		

Table 28-626 IK4009063 - OAM AMR EVENT 1

Alarm	Attributes	Applicable major releases
Name: IK4009063 (3121) Type: equipmentAlarm (3) Package: Ite Raised on class: Ite.AMR	Severity: variable Specific problem: OAM AMR EVENT 1 (677) Implicitly cleared: true Default probable cause: unknown (1097)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: Provisioned for late churn-in. This is a spare event for future use.		
Impact: Unknown.		
Remedial action: No action is required.		

Table 28-627 IK4009064 - OAM AMR EVENT 2

Alarm	Attributes	Applicable major releases
Name: IK4009064 (3122) Type: equipmentAlarm (3) Package: Ite Raised on class: Ite.AMR	Severity: variable Specific problem: OAM AMR EVENT 2 (678) Implicitly cleared: true Default probable cause: unknown (1097)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: Provisioned for late churn-in. This is a spare event for future use.		
Impact: Unknown.		
Remedial action: No action is required.		

Table 28-628 IK4009065 - OAM AMR EVENT 3

Alarm	Attributes	Applicable major releases
Name: IK4009065 (3123) Type: equipmentAlarm (3) Package: Ite Raised on class: Ite.AMR	Severity: variable Specific problem: OAM AMR EVENT 3 (679) Implicitly cleared: true Default probable cause: unknown (1097)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: Provisioned for late churn-in. This is a spare event for future use.		
Impact: Unknown.		
Remedial action: No action is required.		

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Table 28-629 IK4009066 - OAM BB FAULT 1

Alarm	Attributes	Applicable major releases
Name: IK4009066 (3124) Type: equipmentAlarm (3) Package: Ite Raised on class: Ite.BBCardSpecifics	Severity: minor Specific problem: OAM BB FAULT 1 (680) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: Provisioned for late churn-in. This is a spare alarm for future use.		
Impact: Unknown.		
Remedial action: Call the next level of support.		

Table 28-630 IK4009067 - OAM BB FAULT 2

Alarm	Attributes	Applicable major releases
Name: IK4009067 (3125) Type: equipmentAlarm (3) Package: Ite Raised on class: Ite.BBCardSpecifics	Severity: minor Specific problem: OAM BB FAULT 2 (681) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: Provisioned for late churn-in. This is a spare alarm for future use.		
Impact: Unknown.		
Remedial action: Call the next level of support.		

Table 28-631 IK4009068 - OAM BB FAULT 3

Alarm	Attributes	Applicable major releases
Name: IK4009068 (3126) Type: equipmentAlarm (3) Package: Ite Raised on class: Ite.BBCardSpecifics	Severity: minor Specific problem: OAM BB FAULT 3 (682) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: Provisioned for late churn-in. This is a spare alarm for future use.		
Impact: Unknown.		
Remedial action: Call the next level of support.		

Table 28-632 IK4009070 - OAM BB EVENT 2

Alarm	Attributes	Applicable major releases
Name: IK4009070 (3128) Type: equipmentAlarm (3) Package: Ite Raised on class: Ite.BBCardSpecifics	Severity: variable Specific problem: OAM BB EVENT 2 (684) Implicitly cleared: true Default probable cause: unknown (1097)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: Provisioned for late churn-in. This is a spare event for future use.		
Impact: Unknown.		
Remedial action: No action is required.		

Table 28-633 IK4009071 - OAM BB EVENT 3

Alarm	Attributes	Applicable major releases
Name: IK4009071 (3129) Type: equipmentAlarm (3) Package: Ite Raised on class: Ite.BBCardSpecifics	Severity: variable Specific problem: OAM BB EVENT 3 (685) Implicitly cleared: true Default probable cause: unknown (1097)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: Provisioned for late churn-in. This is a spare event for future use.		
Impact: Unknown.		
Remedial action: No action is required.		

Table 28-634 IK4009073 - OAM CB FAULT 2

Alarm	Attributes	Applicable major releases
Name: IK4009073 (3131) Type: equipmentAlarm (3) Package: Ite Raised on class: Ite.CBCardSpecifics	Severity: minor Specific problem: OAM CB FAULT 2 (687) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This is a spare alarm that was used in LR14.1 in case there is a mismatch between MIM configuration data RadioCacEnb and HW reported capabilities detected.		
Impact: The RadioCacEnb algorithm is limited to HW capabilities.		
Remedial action: The operator has to check the MIM configuration of RadioCacEnb object and the installed Controller Type. The MIM configuration must be aligned to the capability of the HW.		

Table 28-635 IK4009074 - OAM CB FAULT 3

Alarm	Attributes	Applicable major releases
Name: IK4009074 (3132) Type: equipmentAlarm (3) Package: Ite Raised on class: Ite.CBCardSpecifics	Severity: minor Specific problem: OAM CB FAULT 3 (688) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: Provisioned for late churn-in. This is a spare alarm for future use.		
Impact: Unknown.		
Remedial action: Call the next level of support.		

Table 28-636 IK4009075 - OAM CB EVENT 1

Alarm	Attributes	Applicable major releases
Name: IK4009075 (3133) Type: equipmentAlarm (3) Package: Ite Raised on class: Ite.CBCardSpecifics	Severity: variable Specific problem: OAM CB EVENT 1 (689) Implicitly cleared: true Default probable cause: unknown (1097)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: Provisioned for late churn-in. This is a spare event for future use.		
Impact: Unknown.		
Remedial action: No action is required.		

Table 28-637 IK4009076 - OAM CB EVENT 2

Alarm	Attributes	Applicable major releases
Name: IK4009076 (3134) Type: equipmentAlarm (3) Package: Ite Raised on class: Ite.CBCardSpecifics	Severity: variable Specific problem: OAM CB EVENT 2 (690) Implicitly cleared: true Default probable cause: unknown (1097)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: Provisioned for late churn-in. This is a spare event for future use.		
Impact: Unknown.		
Remedial action: No action is required.		

Table 28-638 IK4009077 - OAM CB EVENT 3

Alarm	Attributes	Applicable major releases
Name: IK4009077 (3135) Type: equipmentAlarm (3) Package: Ite Raised on class: Ite.CBCardSpecifics	Severity: variable Specific problem: OAM CB EVENT 3 (691) Implicitly cleared: true Default probable cause: unknown (1097)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: Provisioned for late churn-in. This is a spare event for future use.		
Impact: Unknown.		
Remedial action: No action is required.		

Table 28-639 IK4009078 - OAM DBU FAULT 1

Alarm	Attributes	Applicable major releases
Name: IK4009078 (3136) Type: equipmentAlarm (3) Package: Ite Raised on class: Ite.ENBShelfSpecifics	Severity: minor Specific problem: OAM DBU FAULT 1 (692) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: Provisioned for late churn-in. This is a spare alarm for future use.		
Impact: Unknown.		
Remedial action: Call the next level of support.		

Table 28-640 IK4009079 - OAM DBU FAULT 2

Alarm	Attributes	Applicable major releases
Name: IK4009079 (3137) Type: equipmentAlarm (3) Package: Ite Raised on class: Ite.ENBShelfSpecifics	Severity: minor Specific problem: OAM DBU FAULT 2 (693) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: Provisioned for late churn-in. This is a spare alarm for future use.		
Impact: Unknown.		
Remedial action: Call the next level of support.		

Table 28-641 IK4009080 - OAM DBU FAULT 3

Alarm	Attributes	Applicable major releases
Name: IK4009080 (3138) Type: equipmentAlarm (3) Package: Ite Raised on class: Ite.ENBShelfSpecifics	Severity: minor Specific problem: OAM DBU FAULT 3 (694) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: Provisioned for late churn-in. This is a spare alarm for future use.		
Impact: Unknown.		
Remedial action: Call the next level of support.		

Table 28-642 IK4009081 - OAM DBU EVENT 1

Alarm	Attributes	Applicable major releases
Name: IK4009081 (3139) Type: equipmentAlarm (3) Package: Ite Raised on class: Ite.ENBShelfSpecifics	Severity: variable Specific problem: OAM DBU EVENT 1 (695) Implicitly cleared: true Default probable cause: unknown (1097)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: Provisioned for late churn-in. This is a spare event for future use.		
Impact: Unknown.		
Remedial action: No action is required.		

Table 28-643 IK4009082 - OAM DBU EVENT 2

Alarm	Attributes	Applicable major releases
Name: IK4009082 (3140) Type: equipmentAlarm (3) Package: Ite Raised on class: Ite.ENBShelfSpecifics	Severity: variable Specific problem: OAM DBU EVENT 2 (696) Implicitly cleared: true Default probable cause: unknown (1097)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: Provisioned for late churn-in. This is a spare event for future use.		
Impact: Unknown.		
Remedial action: No action is required.		

Table 28-644 IK4009083 - OAM DBU EVENT 3

Alarm	Attributes	Applicable major releases
Name: IK4009083 (3141) Type: equipmentAlarm (3) Package: lte Raised on class: lte.ENBShelfSpecifics	Severity: variable Specific problem: OAM DBU EVENT 3 (697) Implicitly cleared: true Default probable cause: unknown (1097)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: Provisioned for late churn-in. This is a spare event for future use.		
Impact: Unknown.		
Remedial action: No action is required.		

Table 28-645 IK4009087 - OAM ENB EVENT 1

Alarm	Attributes	Applicable major releases
Name: IK4009087 (3145) Type: equipmentAlarm (3) Package: lte Raised on class: lte.ENBEquipment	Severity: variable Specific problem: OAM ENB EVENT 1 (701) Implicitly cleared: true Default probable cause: unknown (1097)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: Provisioned for late churn-in. This is a spare event for future use.		
Impact: Unknown.		
Remedial action: No action is required.		

Table 28-646 IK4009088 - OAM ENB EVENT 2

Alarm	Attributes	Applicable major releases
Name: IK4009088 (3146) Type: equipmentAlarm (3) Package: lte Raised on class: lte.ENBEquipment	Severity: variable Specific problem: OAM ENB EVENT 2 (702) Implicitly cleared: true Default probable cause: unknown (1097)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: Provisioned for late churn-in. This is a spare event for future use.		
Impact: Unknown.		
Remedial action: No action is required.		

Table 28-647 IK4009089 - OAM ENB EVENT 3

Alarm	Attributes	Applicable major releases
Name: IK4009089 (3147) Type: equipmentAlarm (3) Package: Ite Raised on class: Ite.ENBEquipment	Severity: variable Specific problem: OAM ENB EVENT 3 (703) Implicitly cleared: true Default probable cause: unknown (1097)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: Provisioned for late churn-in. This is a spare event for future use.		
Impact: Unknown.		
Remedial action: No action is required.		

Table 28-648 IK4009090 - OAM TMA FAULT 1

Alarm	Attributes	Applicable major releases
Name: IK4009090 (3148) Type: equipmentAlarm (3) Package: Ite Raised on class: Ite.TmaAIdEntry	Severity: minor Specific problem: OAM TMA FAULT 1 (704) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: Provisioned for late churn-in. This is a spare alarm for future use.		
Impact: Unknown.		
Remedial action: Call the next level of support.		

Table 28-649 IK4009091 - OAM TMA FAULT 2

Alarm	Attributes	Applicable major releases
Name: IK4009091 (3149) Type: equipmentAlarm (3) Package: Ite Raised on class: Ite.TmaAIdEntry	Severity: minor Specific problem: OAM TMA FAULT 2 (705) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: Provisioned for late churn-in. This is a spare alarm for future use.		
Impact: Unknown.		
Remedial action: Call the next level of support.		

Table 28-650 IK4009092 - OAM TMA FAULT 3

Alarm	Attributes	Applicable major releases
Name: IK4009092 (3150) Type: equipmentAlarm (3) Package: Ite Raised on class: Ite.TmaAldEntry	Severity: minor Specific problem: OAM TMA FAULT 3 (706) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: Provisioned for late churn-in. This is a spare alarm for future use.		
Impact: Unknown.		
Remedial action: Call the next level of support.		

Table 28-651 IK4009093 - OAM TMA EVENT 1

Alarm	Attributes	Applicable major releases
Name: IK4009093 (3151) Type: equipmentAlarm (3) Package: Ite Raised on class: Ite.TmaAldEntry	Severity: variable Specific problem: OAM TMA EVENT 1 (707) Implicitly cleared: true Default probable cause: unknown (1097)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: Provisioned for late churn-in. This is a spare event for future use.		
Impact: Unknown.		
Remedial action: No action is required.		

Table 28-652 IK4009094 - OAM TMA EVENT 2

Alarm	Attributes	Applicable major releases
Name: IK4009094 (3152) Type: equipmentAlarm (3) Package: Ite Raised on class: Ite.TmaAldEntry	Severity: variable Specific problem: OAM TMA EVENT 2 (708) Implicitly cleared: true Default probable cause: unknown (1097)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: Provisioned for late churn-in. This is a spare event for future use.		
Impact: Unknown.		
Remedial action: No action is required.		

Table 28-653 IK4009095 - OAM TMA EVENT 3

Alarm	Attributes	Applicable major releases
Name: IK4009095 (3153) Type: equipmentAlarm (3) Package: Ite Raised on class: Ite.TmaAldEntry	Severity: variable Specific problem: OAM TMA EVENT 3 (709) Implicitly cleared: true Default probable cause: unknown (1097)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: Provisioned for late churn-in. This is a spare event for future use.		
Impact: Unknown.		
Remedial action: No action is required.		

Table 28-654 IK4009096 - OAM RET FAULT 1

Alarm	Attributes	Applicable major releases
Name: IK4009096 (3154) Type: equipmentAlarm (3) Package: Ite Raised on class: Ite.RetAldEntry	Severity: minor Specific problem: OAM RET FAULT 1 (710) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: Provisioned for late churn-in. This is a spare alarm for future use.		
Impact: Unknown.		
Remedial action: Call the next level of support.		

Table 28-655 IK4009097 - OAM RET FAULT 2

Alarm	Attributes	Applicable major releases
Name: IK4009097 (3155) Type: equipmentAlarm (3) Package: Ite Raised on class: Ite.RetAldEntry	Severity: minor Specific problem: OAM RET FAULT 2 (711) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: Provisioned for late churn-in. This is a spare alarm for future use.		
Impact: Unknown.		
Remedial action: Call the next level of support.		

Table 28-656 IK4009098 - OAM RET FAULT 3

Alarm	Attributes	Applicable major releases
Name: IK4009098 (3156) Type: equipmentAlarm (3) Package: Ite Raised on class: Ite.RetAIdEntry	Severity: minor Specific problem: OAM RET FAULT 3 (712) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: Provisioned for late churn-in. This is a spare alarm for future use.		
Impact: Unknown.		
Remedial action: Call the next level of support.		

Table 28-657 IK4009099 - OAM RET EVENT 1

Alarm	Attributes	Applicable major releases
Name: IK4009099 (3157) Type: equipmentAlarm (3) Package: Ite Raised on class: Ite.RetAIdEntry	Severity: variable Specific problem: OAM RET EVENT 1 (713) Implicitly cleared: true Default probable cause: unknown (1097)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: Provisioned for late churn-in. This is a spare event for future use.		
Impact: Unknown.		
Remedial action: No action is required.		

Table 28-658 IK4009100 - OAM RET EVENT 2

Alarm	Attributes	Applicable major releases
Name: IK4009100 (3158) Type: equipmentAlarm (3) Package: Ite Raised on class: Ite.RetAIdEntry	Severity: variable Specific problem: OAM RET EVENT 2 (714) Implicitly cleared: true Default probable cause: unknown (1097)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: Provisioned for late churn-in. This is a spare event for future use.		
Impact: Unknown.		
Remedial action: No action is required.		

Table 28-659 IK4009101 - OAM RET EVENT 3

Alarm	Attributes	Applicable major releases
Name: IK4009101 (3159) Type: equipmentAlarm (3) Package: Ite Raised on class: Ite.RetAIdEntry	Severity: variable Specific problem: OAM RET EVENT 3 (715) Implicitly cleared: true Default probable cause: unknown (1097)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: Provisioned for late churn-in. This is a spare event for future use.		
Impact: Unknown.		
Remedial action: No action is required.		

Table 28-660 IK4009102 - OAM S1 FAULT 1

Alarm	Attributes	Applicable major releases
Name: IK4009102 (3160) Type: equipmentAlarm (3) Package: Ite Raised on class: Ite.MmeAccess	Severity: minor Specific problem: OAM S1 FAULT 1 (716) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: Provisioned for late churn-in. This is a spare alarm for future use.		
Impact: Unknown.		
Remedial action: Call the next level of support.		

Table 28-661 IK4009103 - OAM S1 FAULT 2

Alarm	Attributes	Applicable major releases
Name: IK4009103 (3161) Type: equipmentAlarm (3) Package: Ite Raised on class: Ite.MmeAccess	Severity: minor Specific problem: OAM S1 FAULT 2 (717) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: Provisioned for late churn-in. This is a spare alarm for future use.		
Impact: Unknown.		
Remedial action: Call the next level of support.		

Table 28-662 IK4009104 - OAM S1 FAULT 3

Alarm	Attributes	Applicable major releases
Name: IK4009104 (3162) Type: equipmentAlarm (3) Package: Ite Raised on class: Ite.MmeAccess	Severity: minor Specific problem: OAM S1 FAULT 3 (718) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: Provisioned for late churn-in. This is a spare alarm for future use.		
Impact: Unknown.		
Remedial action: Call the next level of support.		

Table 28-663 IK4009105 - OAM S1 EVENT 1

Alarm	Attributes	Applicable major releases
Name: IK4009105 (3163) Type: equipmentAlarm (3) Package: Ite Raised on class: Ite.MmeAccess	Severity: variable Specific problem: OAM S1 EVENT 1 (719) Implicitly cleared: true Default probable cause: unknown (1097)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: Provisioned for late churn-in. This is a spare event for future use.		
Impact: Unknown.		
Remedial action: No action is required.		

Table 28-664 IK4009106 - OAM S1 EVENT 2

Alarm	Attributes	Applicable major releases
Name: IK4009106 (3164) Type: equipmentAlarm (3) Package: Ite Raised on class: Ite.MmeAccess	Severity: variable Specific problem: OAM S1 EVENT 2 (720) Implicitly cleared: true Default probable cause: unknown (1097)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: Provisioned for late churn-in. This is a spare event for future use.		
Impact: Unknown.		
Remedial action: No action is required.		

Table 28-665 IK4009107 - OAM S1 EVENT 3

Alarm	Attributes	Applicable major releases
Name: IK4009107 (3165) Type: equipmentAlarm (3) Package: Ite Raised on class: Ite.MmeAccess	Severity: variable Specific problem: OAM S1 EVENT 3 (721) Implicitly cleared: true Default probable cause: unknown (1097)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: Provisioned for late churn-in. This is a spare event for future use.		
Impact: Unknown.		
Remedial action: No action is required.		

Table 28-666 IK4009108 - OAM S1_TRANS FAULT 1

Alarm	Attributes	Applicable major releases
Name: IK4009108 (3166) Type: equipmentAlarm (3) Package: Ite Raised on class: Ite.MmeTransportLayerAccess	Severity: minor Specific problem: OAM S1_TRANS FAULT 1 (722) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: Provisioned for late churn-in. This is a spare alarm for future use.		
Impact: Unknown.		
Remedial action: Call the next level of support.		

Table 28-667 IK4009109 - OAM S1_TRANS FAULT 2

Alarm	Attributes	Applicable major releases
Name: IK4009109 (3167) Type: equipmentAlarm (3) Package: Ite Raised on class: Ite.MmeTransportLayerAccess	Severity: minor Specific problem: OAM S1_TRANS FAULT 2 (723) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: Provisioned for late churn-in. This is a spare alarm for future use.		
Impact: Unknown.		
Remedial action: Call the next level of support.		

Table 28-668 IK4009110 - OAM S1_TRANS FAULT 3

Alarm	Attributes	Applicable major releases
Name: IK4009110 (3168) Type: equipmentAlarm (3) Package: Ite Raised on class: Ite.MmeTransportLayerAccess	Severity: minor Specific problem: OAM S1_TRANS FAULT 3 (724) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: Provisioned for late churn-in. This is a spare alarm for future use.		
Impact: Unknown.		
Remedial action: Call the next level of support.		

Table 28-669 IK4009111 - OAM S1_TRANS EVENT 1

Alarm	Attributes	Applicable major releases
Name: IK4009111 (3169) Type: equipmentAlarm (3) Package: Ite Raised on class: Ite.MmeTransportLayerAccess	Severity: variable Specific problem: OAM S1_TRANS EVENT 1 (725) Implicitly cleared: true Default probable cause: unknown (1097)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: Provisioned for late churn-in. This is a spare event for future use.		
Impact: Unknown.		
Remedial action: No action is required.		

Table 28-670 IK4009112 - OAM S1_TRANS EVENT 2

Alarm	Attributes	Applicable major releases
Name: IK4009112 (3170) Type: equipmentAlarm (3) Package: Ite Raised on class: Ite.MmeTransportLayerAccess	Severity: variable Specific problem: OAM S1_TRANS EVENT 2 (726) Implicitly cleared: true Default probable cause: unknown (1097)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: Provisioned for late churn-in. This is a spare event for future use.		
Impact: Unknown.		
Remedial action: No action is required.		

Table 28-671 IK4009113 - OAM S1_TRANS EVENT 3

Alarm	Attributes	Applicable major releases
Name: IK4009113 (3171) Type: equipmentAlarm (3) Package: Ite Raised on class: Ite.MmeTransportLayerAccess	Severity: variable Specific problem: OAM S1_TRANS EVENT 3 (727) Implicitly cleared: true Default probable cause: unknown (1097)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: Provisioned for late churn-in. This is a spare event for future use.		
Impact: Unknown.		
Remedial action: No action is required.		

Table 28-672 IK4009114 - OAM X2 FAULT 1

Alarm	Attributes	Applicable major releases
Name: IK4009114 (3172) Type: equipmentAlarm (3) Package: Ite Raised on class: Ite.X2Access	Severity: minor Specific problem: OAM X2 FAULT 1 (728) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: Provisioned for late churn-in. This is a spare alarm for future use.		
Impact: Unknown.		
Remedial action: Call the next level of support.		

Table 28-673 IK4009115 - OAM X2 FAULT 2

Alarm	Attributes	Applicable major releases
Name: IK4009115 (3173) Type: equipmentAlarm (3) Package: Ite Raised on class: Ite.X2Access	Severity: minor Specific problem: OAM X2 FAULT 2 (729) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: Provisioned for late churn-in. This is a spare alarm for future use.		
Impact: Unknown.		
Remedial action: Call the next level of support.		

Table 28-674 IK4009116 - OAM X2 FAULT 3

Alarm	Attributes	Applicable major releases
Name: IK4009116 (3174) Type: equipmentAlarm (3) Package: Ite Raised on class: Ite.X2Access	Severity: minor Specific problem: OAM X2 FAULT 3 (730) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: Provisioned for late churn-in. This is a spare alarm for future use.		
Impact: Unknown.		
Remedial action: Call the next level of support.		

Table 28-675 IK4009117 - OAM X2 EVENT 1

Alarm	Attributes	Applicable major releases
Name: IK4009117 (3175) Type: equipmentAlarm (3) Package: Ite Raised on class: Ite.X2Access	Severity: variable Specific problem: OAM X2 EVENT 1 (731) Implicitly cleared: true Default probable cause: unknown (1097)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: Provisioned for late churn-in. This is a spare event for future use.		
Impact: Unknown.		
Remedial action: No action is required.		

Table 28-676 IK4009118 - OAM X2 EVENT 2

Alarm	Attributes	Applicable major releases
Name: IK4009118 (3176) Type: equipmentAlarm (3) Package: Ite Raised on class: Ite.X2Access	Severity: variable Specific problem: OAM X2 EVENT 2 (732) Implicitly cleared: true Default probable cause: unknown (1097)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: Provisioned for late churn-in. This is a spare event for future use.		
Impact: Unknown.		
Remedial action: No action is required.		

Table 28-677 IK4009119 - OAM X2 EVENT 3

Alarm	Attributes	Applicable major releases
Name: IK4009119 (3177) Type: equipmentAlarm (3) Package: Ite Raised on class: Ite.X2Access	Severity: variable Specific problem: OAM X2 EVENT 3 (733) Implicitly cleared: true Default probable cause: unknown (1097)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: Provisioned for late churn-in. This is a spare event for future use.		
Impact: Unknown.		
Remedial action: No action is required.		

Table 28-678 IK4009120 - OAM X2_TRANS FAULT 1

Alarm	Attributes	Applicable major releases
Name: IK4009120 (3178) Type: equipmentAlarm (3) Package: Ite Raised on class: Ite.X2TransportLayerAccess	Severity: minor Specific problem: OAM X2_TRANS FAULT 1 (734) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: Provisioned for late churn-in. This is a spare alarm for future use.		
Impact: Unknown.		
Remedial action: Call the next level of support.		

Table 28-679 IK4009121 - OAM X2_TRANS FAULT 2

Alarm	Attributes	Applicable major releases
Name: IK4009121 (3179) Type: equipmentAlarm (3) Package: Ite Raised on class: Ite.X2TransportLayerAccess	Severity: minor Specific problem: OAM X2_TRANS FAULT 2 (735) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: Provisioned for late churn-in. This is a spare alarm for future use.		
Impact: Unknown.		
Remedial action: Call the next level of support.		

Table 28-680 IK4009122 - OAM X2_TRANS FAULT 3

Alarm	Attributes	Applicable major releases
Name: IK4009122 (3180) Type: equipmentAlarm (3) Package: Ite Raised on class: Ite.X2TransportLayerAccess	Severity: minor Specific problem: OAM X2_TRANS FAULT 3 (736) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: Provisioned for late churn-in. This is a spare alarm for future use.		
Impact: Unknown.		
Remedial action: Call the next level of support.		

Table 28-681 IK4009123 - OAM X2_TRANS EVENT 1

Alarm	Attributes	Applicable major releases
Name: IK4009123 (3181) Type: equipmentAlarm (3) Package: Ite Raised on class: Ite.X2TransportLayerAccess	Severity: variable Specific problem: OAM X2_TRANS EVENT 1 (737) Implicitly cleared: true Default probable cause: unknown (1097)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: Provisioned for late churn-in. This is a spare event for future use.		
Impact: Unknown.		
Remedial action: No action is required.		

Table 28-682 IK4009124 - OAM X2_TRANS EVENT 2

Alarm	Attributes	Applicable major releases
Name: IK4009124 (3182) Type: equipmentAlarm (3) Package: Ite Raised on class: Ite.X2TransportLayerAccess	Severity: variable Specific problem: OAM X2_TRANS EVENT 2 (738) Implicitly cleared: true Default probable cause: unknown (1097)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: Provisioned for late churn-in. This is a spare event for future use.		
Impact: Unknown.		
Remedial action: No action is required.		

Table 28-683 IK4009125 - OAM X2_TRANS EVENT 3

Alarm	Attributes	Applicable major releases
Name: IK4009125 (3183) Type: equipmentAlarm (3) Package: Ite Raised on class: Ite.X2TransportLayerAccess	Severity: variable Specific problem: OAM X2_TRANS EVENT 3 (739) Implicitly cleared: true Default probable cause: unknown (1097)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: Provisioned for late churn-in. This is a spare event for future use.		
Impact: Unknown.		
Remedial action: No action is required.		

Table 28-684 IK4009129 - OAM RRH EVENT 1

Alarm	Attributes	Applicable major releases
Name: IK4009129 (3187) Type: equipmentAlarm (3) Package: Ite Raised on class: Ite.RRH	Severity: variable Specific problem: OAM RRH EVENT 1 (743) Implicitly cleared: true Default probable cause: unknown (1097)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: Provisioned for late churn-in. This is a spare event for future use.		
Impact: Unknown.		
Remedial action: No action is required.		

Table 28-685 IK4009130 - OAM RRH EVENT 2

Alarm	Attributes	Applicable major releases
Name: IK4009130 (3188) Type: equipmentAlarm (3) Package: Ite Raised on class: Ite.RRH	Severity: variable Specific problem: OAM RRH EVENT 2 (744) Implicitly cleared: true Default probable cause: unknown (1097)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: Provisioned for late churn-in. This is a spare event for future use.		
Impact: Unknown.		
Remedial action: No action is required.		

Table 28-686 IK4009131 - OAM RRH EVENT 3

Alarm	Attributes	Applicable major releases
Name: IK4009131 (3189) Type: equipmentAlarm (3) Package: Ite Raised on class: Ite.RRH	Severity: variable Specific problem: OAM RRH EVENT 3 (745) Implicitly cleared: true Default probable cause: unknown (1097)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: Provisioned for late churn-in. This is a spare event for future use.		
Impact: Unknown.		
Remedial action: No action is required.		

Table 28-687 IK4009132 - OAM TRDU FAULT 1

Alarm	Attributes	Applicable major releases
Name: IK4009132 (3190) Type: equipmentAlarm (3) Package: Ite Raised on class: Ite.TRDU	Severity: minor Specific problem: OAM TRDU FAULT 1 (746) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: Provisioned for late churn-in. This is a spare alarm for future use.		
Impact: Unknown.		
Remedial action: Call the next level of support.		

Table 28-688 IK4009133 - OAM TRDU FAULT 2

Alarm	Attributes	Applicable major releases
Name: IK4009133 (3191) Type: equipmentAlarm (3) Package: Ite Raised on class: Ite.TRDU	Severity: minor Specific problem: OAM TRDU FAULT 2 (747) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: Provisioned for late churn-in. This is a spare alarm for future use.		
Impact: Unknown.		
Remedial action: Call the next level of support.		

Table 28-689 IK4009134 - OAM TRDU FAULT 3

Alarm	Attributes	Applicable major releases
Name: IK4009134 (3192) Type: equipmentAlarm (3) Package: Ite Raised on class: Ite.TRDU	Severity: minor Specific problem: OAM TRDU FAULT 3 (748) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: Provisioned for late churn-in. This is a spare alarm for future use.		
Impact: Unknown.		
Remedial action: Call the next level of support.		

Table 28-690 IK4009135 - OAM TRDU EVENT 1

Alarm	Attributes	Applicable major releases
Name: IK4009135 (3193) Type: equipmentAlarm (3) Package: Ite Raised on class: Ite.TRDU	Severity: variable Specific problem: OAM TRDU EVENT 1 (749) Implicitly cleared: true Default probable cause: unknown (1097)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: Provisioned for late churn-in. This is a spare event for future use.		
Impact: Unknown.		
Remedial action: No action is required.		

Table 28-691 IK4009136 - OAM TRDU EVENT 2

Alarm	Attributes	Applicable major releases
Name: IK4009136 (3194) Type: equipmentAlarm (3) Package: Ite Raised on class: Ite.TRDU	Severity: variable Specific problem: OAM TRDU EVENT 2 (750) Implicitly cleared: true Default probable cause: unknown (1097)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: Provisioned for late churn-in. This is a spare event for future use.		
Impact: Unknown.		
Remedial action: No action is required.		

Table 28-692 IK4009137 - OAM TRDU EVENT 3

Alarm	Attributes	Applicable major releases
Name: IK4009137 (3195) Type: equipmentAlarm (3) Package: Ite Raised on class: Ite.TRDU	Severity: variable Specific problem: OAM TRDU EVENT 3 (751) Implicitly cleared: true Default probable cause: unknown (1097)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: Provisioned for late churn-in. This is a spare event for future use.		
Impact: Unknown.		
Remedial action: No action is required.		

Table 28-693 IK4009138 - NO CONTACT TO BOARD

Alarm	Attributes	Applicable major releases
Name: IK4009138 (3196) Type: equipmentAlarm (3) Package: Ite Raised on class: Ite.RRH	Severity: major Specific problem: NO CONTACT TO BOARD (667) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This alarm indicates a failure in communication with the board.		
Impact: Telecom: The LTE cells associated with this module are not operational. OAM: No impact on OAM service.		
Remedial action: Check connectivity between controller and RFM. Check operation of RFM and controller. If the alarm persists, contact the next level of support.		

Table 28-694 IK4009139 - NO CONTACT TO BOARD

Alarm	Attributes	Applicable major releases
Name: IK4009139 (3197) Type: equipmentAlarm (3) Package: Ite Raised on class: Ite.TRDU	Severity: major Specific problem: NO CONTACT TO BOARD (667) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This alarm indicates a failure in communication with the board.		
Impact: Telecom: The LTE cells associated with this module are not operational. OAM: No impact on OAM service.		
Remedial action: Check connectivity between controller and TRDU. Check operation of TRDU and controller. If the alarm persists, contact the next level of support.		

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Table 28-695 IK4009140 - AUTOTEST FAILURE

Alarm	Attributes	Applicable major releases
Name: IK4009140 (3198) Type: equipmentAlarm (3) Package: lte Raised on class: lte.RRH	Severity: critical Specific problem: AUTOTEST FAILURE (637) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This alarm indicates that the self test of the module reported an error.		
Impact: Telecom: The telecom resources processed by the module are lost as the module is out of service. OAM: No impact on OAM service.		
Remedial action: Reset the module. If the alarm persists, replace the module.		

Table 28-696 IK4009141 - AUTOTEST FAILURE

Alarm	Attributes	Applicable major releases
Name: IK4009141 (3199) Type: equipmentAlarm (3) Package: lte Raised on class: lte.TRDU	Severity: critical Specific problem: AUTOTEST FAILURE (637) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This alarm indicates that the self test of the module reported an error.		
Impact: Telecom: The telecom resources processed by the module are lost as the module is out of service. OAM: No impact on OAM service.		
Remedial action: Reset the module. If the alarm persists, replace the module.		

Table 28-697 IK4009142 - MODULE EXTRACTION

Alarm	Attributes	Applicable major releases
Name: IK4009142 (3200) Type: equipmentAlarm (3) Package: lte Raised on class: lte.RRH	Severity: variable Specific problem: MODULE EXTRACTION (644) Implicitly cleared: true Default probable cause: unknown (1097)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This event indicates that the system detected extraction of the module.		
Impact: The resources processed by the module are lost.		
Remedial action: No action is required.		

Table 28-698 IK4009143 - MODULE EXTRACTION

Alarm	Attributes	Applicable major releases
Name: IK4009143 (3201) Type: equipmentAlarm (3) Package: Ite Raised on class: Ite.TRDU	Severity: variable Specific problem: MODULE EXTRACTION (644) Implicitly cleared: true Default probable cause: unknown (1097)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This event indicates that the system detected extraction of the module.		
Impact: The resources processed by the module are lost.		
Remedial action: No action is required.		

Table 28-699 IK4009144 - SFP EXTRACTED CPRIPORT

Alarm	Attributes	Applicable major releases
Name: IK4009144 (3202) Type: equipmentAlarm (3) Package: Ite Raised on class: Ite.ENBEquipment	Severity: major Specific problem: SFP EXTRACTED CPRIPORT (752) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This alarm indicates that SFP module is extracted.		
Impact: Loss of RFM connection on CPRI port.		
Remedial action: Check SFP module and replace it.		

Table 28-700 IK4009150 - SFP EXTRACTED ON ALL CPRIPORTS

Alarm	Attributes	Applicable major releases
Name: IK4009150 (3203) Type: equipmentAlarm (3) Package: Ite Raised on class: Ite.ENBEquipment	Severity: critical Specific problem: SFP EXTRACTED ON ALL CPRIPORTS (753) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This alarm indicates that SFP module of all ports are extracted.		
Impact: Loss of RFM connection on all CPRI ports.		
Remedial action: Check SFP modules and replace them if needed.		

Table 28-701 IK4009151 - SFP EXTRACTED BHPORT

Alarm	Attributes	Applicable major releases
Name: IK4009151 (3204) Type: equipmentAlarm (3) Package: Ite Raised on class: Ite.ENBEquipment	Severity: major Specific problem: SFP EXTRACTED BHPORT (754) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This alarm indicates that SFP module of Ethernet backhaul port is extracted.		
Impact: Loss of backhaul network access on port.		
Remedial action: Check SFP module and replace it.		

Table 28-702 IK4009156 - SCTP INIT FAILURE

Alarm	Attributes	Applicable major releases
Name: IK4009156 (3796) Type: equipmentAlarm (3) Package: Ite Raised on class: Ite.CBCardSpecifics	Severity: critical Specific problem: SCTP INIT FAILURE (756) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This alarm indicates the failure to initialize the SCTP access.		
Impact: Telecom: Telecom traffic is not possible. OAM: No impact on OAM service.		
Remedial action: Reset the eNodeB.		

Table 28-703 IK4009157 - WALG INITIALIZATION FAILURE

Alarm	Attributes	Applicable major releases
Name: IK4009157 (3797) Type: equipmentAlarm (3) Package: Ite Raised on class: Ite.CBCardSpecifics	Severity: critical Specific problem: WALG INITIALIZATION FAILURE (660) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR13.3
Description: This alarm indicates a failure to initialize the WAL gateway.		
Impact: Telecom: Telecom traffic is not possible. OAM: No impact on OAM service.		
Remedial action: Reset the eNodeB.		

Table 28-704 IK4009158 - OAM ENB FAULT 4

Alarm	Attributes	Applicable major releases
Name: IK4009158 (3798) Type: equipmentAlarm (3) Package: Ite Raised on class: Ite.ENBEquipment	Severity: minor Specific problem: OAM ENB FAULT 4 (757) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: Provisioned for late churn-in. This is a spare alarm for future use.		
Impact: Unknown.		
Remedial action: Unknown.		

Table 28-705 IK4009159 - OAM ENB FAULT 5

Alarm	Attributes	Applicable major releases
Name: IK4009159 (3799) Type: equipmentAlarm (3) Package: Ite Raised on class: Ite.ENBEquipment	Severity: minor Specific problem: OAM ENB FAULT 5 (758) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: Provisioned for late churn-in. This is a spare alarm for future use.		
Impact: Unknown.		
Remedial action: Unknown.		

Table 28-706 IK4009160 - OAM RRH FAULT 4

Alarm	Attributes	Applicable major releases
Name: IK4009160 (3800) Type: equipmentAlarm (3) Package: Ite Raised on class: Ite.RRH	Severity: minor Specific problem: OAM RRH FAULT 4 (759) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: Provisioned for late churn-in. This is a spare alarm for future use.		
Impact: Unknown.		
Remedial action: Unknown.		

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Table 28-707 IK4009161 - OAM RRH FAULT 5

Alarm	Attributes	Applicable major releases
Name: IK4009161 (3801) Type: equipmentAlarm (3) Package: Ite Raised on class: Ite.RRH	Severity: minor Specific problem: OAM RRH FAULT 5 (760) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: Provisioned for late churn-in. This is a spare alarm for future use.		
Impact: Unknown.		
Remedial action: Unknown.		

Table 28-708 IK4009162 - OAM RRH FAULT 6

Alarm	Attributes	Applicable major releases
Name: IK4009162 (3802) Type: equipmentAlarm (3) Package: Ite Raised on class: Ite.RRH	Severity: minor Specific problem: OAM RRH FAULT 6 (761) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: Provisioned for late churn-in. This is a spare alarm for future use.		
Impact: Unknown.		
Remedial action: Unknown.		

Table 28-709 IK4009163 - OAM CB FAULT 4

Alarm	Attributes	Applicable major releases
Name: IK4009163 (3803) Type: equipmentAlarm (3) Package: Ite Raised on class: Ite.CBCardSpecifics	Severity: minor Specific problem: OAM CB FAULT 4 (762) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: Provisioned for late churn-in. This is a spare alarm for future use.		
Impact: Unknown.		
Remedial action: Unknown.		

Table 28-710 IK4009169 - END OF THE HOLDOVER DURATION

Alarm	Attributes	Applicable major releases
Name: IK4009169 (3809) Type: equipmentAlarm (3) Package: lte Raised on class: lte.CBCardSpecifics	Severity: critical Specific problem: END OF THE HOLDOVER DURATION (763) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This alarm indicates that when it is close to the end of the holdover duration of the internal oscillator		
Impact: The eNB shall stop RF transmission. This holdover duration is dependant of the type of oscillator and the duration is coming from the design		
Remedial action: No action is required.		

Table 28-711 IK4009171 - ADAPTIVE ANTENNA ARRAY PARAMETER UPDATE FAILED

Alarm	Attributes	Applicable major releases
Name: IK4009171 (3810) Type: equipmentAlarm (3) Package: lte Raised on class: lte.RFM	Severity: minor Specific problem: ADAPTIVE ANTENNA ARRAY PARAMETER UPDATE FAILED (764) Implicitly cleared: true Default probable cause: configurationOrCustomizationError (902)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This alarm indicates that a cell Adaptive Antenna Array parameter has been changed but the RFM supporting the cell failed to implement the new value.		
Impact: The requested Adaptive Antenna Array setting has not been applied to the cell.		
Remedial action: Determine the alarm reason and remedy as necessary.		

Table 28-712 IK4009172 - ADAPTIVE ANTENNA ARRAY OPERATION DEGRADED

Alarm	Attributes	Applicable major releases
Name: IK4009172 (3811) Type: equipmentAlarm (3) Package: lte Raised on class: lte.RFM	Severity: major Specific problem: ADAPTIVE ANTENNA ARRAY OPERATION DEGRADED (765) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This alarm indicates that a hardware fault within the AAA function of the RFM is degrading the beam pattern.		
Impact: The cell supported on this RFM is still functional but the uplink or downlink beam pattern may be degraded.		
Remedial action: Replace the RFM hardware.		

Table 28-713 IK4009173 - ADAPTIVE ANTENNA ARRAY OPERATION FAILED

Alarm	Attributes	Applicable major releases
Name: IK4009173 (3812) Type: equipmentAlarm (3) Package: Ite Raised on class: Ite.RFM	Severity: major Specific problem: ADAPTIVE ANTENNA ARRAY OPERATION FAILED (766) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This alarm indicates that a hardware fault within the AAA function of the RFM has disabled the AAA function.		
Impact: The cell supported on this RFM is still functional but the uplink or downlink beam pattern is not controlled.		
Remedial action: Replace the RFM hardware.		

Table 28-714 IK4009174 - DHCP CLIENT STOP FAILURE

Alarm	Attributes	Applicable major releases
Name: IK4009174 (3993) Type: equipmentAlarm (3) Package: Ite Raised on class: Ite.MODULE	Severity: variable Specific problem: DHCP CLIENT STOP FAILURE (662) Implicitly cleared: true Default probable cause: unknown (1097)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This event indicates the failure to stop the DHCP client on the eNodeB network interface.		
Impact: Telecom: No impact on telecom service. OAM: No impact on OAM service.		
Remedial action: No action is required.		

Table 28-715 IK4009175 - DHCP LEASE LOST

Alarm	Attributes	Applicable major releases
Name: IK4009175 (3994) Type: equipmentAlarm (3) Package: Ite Raised on class: Ite.MODULE	Severity: variable Specific problem: DHCP LEASE LOST (668) Implicitly cleared: true Default probable cause: unknown (1097)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This event indicates that the DHCP client lost the lease of the DHCP server.		
Impact: Telecom: No impact on telecom service. OAM: No impact on OAM service.		
Remedial action: No action is required.		

Table 28-716 IK4009176 - IP LOOPBACK MANUAL TERMINATION

Alarm	Attributes	Applicable major releases
Name: IK4009176 (3995) Type: equipmentAlarm (3) Package: Ite Raised on class: Ite.MODULE	Severity: variable Specific problem: IP LOOPBACK MANUAL TERMINATION (671) Implicitly cleared: true Default probable cause: unknown (1097)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This event indicates that the IP loopback is manually stopped.		
Impact: Telecom: No impact on telecom service. OAM: No impact on OAM service.		
Remedial action: No action is required.		

Table 28-717 IK4009177 - IP LOOPBACK INACTIVITY PERIOD TERMINATION

Alarm	Attributes	Applicable major releases
Name: IK4009177 (3996) Type: equipmentAlarm (3) Package: Ite Raised on class: Ite.MODULE	Severity: variable Specific problem: IP LOOPBACK INACTIVITY PERIOD TERMINATION (672) Implicitly cleared: true Default probable cause: unknown (1097)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This event indicates that the IP loopback stopped automatically due to inactivity for certain period.		
Impact: Telecom: No impact on telecom service. OAM: No impact on OAM service.		
Remedial action: No action is required.		

Table 28-718 IK4009178 - IP LOOPBACK GUARD TIMER TERMINATION

Alarm	Attributes	Applicable major releases
Name: IK4009178 (3997) Type: equipmentAlarm (3) Package: Ite Raised on class: Ite.MODULE	Severity: variable Specific problem: IP LOOPBACK GUARD TIMER TERMINATION (673) Implicitly cleared: true Default probable cause: unknown (1097)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This event indicates that the IP loopback stopped automatically due to expiry of the guard timer.		
Impact: Telecom: No impact on telecom service. OAM: No impact on OAM service.		
Remedial action: No action is required.		

Table 28-719 IK4009179 - OAM SCB EVENT 1

Alarm	Attributes	Applicable major releases
Name: IK4009179 (3998) Type: equipmentAlarm (3) Package: Ite Raised on class: Ite.MODULE	Severity: variable Specific problem: OAM SCB EVENT 1 (767) Implicitly cleared: true Default probable cause: unknown (1097)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: Provisioned for late churn-in. This is a spare event for future use.		
Impact: Unknown.		
Remedial action: No action is required.		

Table 28-720 IK4009180 - OAM SCB EVENT 2

Alarm	Attributes	Applicable major releases
Name: IK4009180 (3999) Type: equipmentAlarm (3) Package: Ite Raised on class: Ite.MODULE	Severity: variable Specific problem: OAM SCB EVENT 2 (768) Implicitly cleared: true Default probable cause: unknown (1097)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: Provisioned for late churn-in. This is a spare event for future use.		
Impact: Unknown.		
Remedial action: No action is required.		

Table 28-721 IK4009181 - OAM SCB EVENT 3

Alarm	Attributes	Applicable major releases
Name: IK4009181 (4000) Type: equipmentAlarm (3) Package: Ite Raised on class: Ite.MODULE	Severity: variable Specific problem: OAM SCB EVENT 3 (769) Implicitly cleared: true Default probable cause: unknown (1097)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: Provisioned for late churn-in. This is a spare event for future use.		
Impact: Unknown.		
Remedial action: No action is required.		

Table 28-722 IK4009182 - OAM MF EVENT 1

Alarm	Attributes	Applicable major releases
Name: IK4009182 (4001) Type: equipmentAlarm (3) Package: Ite Raised on class: Ite.MODULE	Severity: variable Specific problem: OAM MF EVENT 1 (770) Implicitly cleared: true Default probable cause: unknown (1097)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: Provisioned for late churn-in. This is a spare event for future use.		
Impact: Unknown.		
Remedial action: No action is required.		

Table 28-723 IK4009183 - OAM MF EVENT 2

Alarm	Attributes	Applicable major releases
Name: IK4009183 (4002) Type: equipmentAlarm (3) Package: Ite Raised on class: Ite.MODULE	Severity: variable Specific problem: OAM MF EVENT 2 (642) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR13.3
Description: This is a spare event for future use.		
Impact: Unknown.		
Remedial action: Unknown.		

Table 28-724 IK4009184 - OAM MF EVENT 3

Alarm	Attributes	Applicable major releases
Name: IK4009184 (4003) Type: equipmentAlarm (3) Package: Ite Raised on class: Ite.MODULE	Severity: variable Specific problem: OAM MF EVENT 3 (643) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR13.3
Description: This is a spare event for future use.		
Impact: Unknown.		
Remedial action: Unknown.		

Table 28-725 IK4009185 - SNTP CLIENT STOP FAILURE

Alarm	Attributes	Applicable major releases
Name: IK4009185 (4004) Type: equipmentAlarm (3) Package: Ite Raised on class: Ite.MODULE	Severity: variable Specific problem: SNTP CLIENT STOP FAILURE (659) Implicitly cleared: true Default probable cause: unknown (1097)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This event indicates the failure to stop the SNTP client.		
Impact: Telecom: No impact on telecom service. OAM: No impact on OAM service.		
Remedial action: No action is required.		

Table 28-726 IK4009186 - SSH SERVER STOP FAILURE

Alarm	Attributes	Applicable major releases
Name: IK4009186 (4005) Type: equipmentAlarm (3) Package: Ite Raised on class: Ite.MODULE	Severity: variable Specific problem: SSH SERVER STOP FAILURE (657) Implicitly cleared: true Default probable cause: unknown (1097)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This event indicates the failure to stop the SSH server.		
Impact: Telecom: No impact on telecom service. OAM: No impact on OAM service.		
Remedial action: No action is required.		

Table 28-727 IK4009187 - OAM RFME EVENT 1

Alarm	Attributes	Applicable major releases
Name: IK4009187 (4006) Type: equipmentAlarm (3) Package: Ite Raised on class: Ite.RFME	Severity: variable Specific problem: OAM RFME EVENT 1 (771) Implicitly cleared: true Default probable cause: unknown (1097)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This spare event was used in LR14.1 to indicate that the ENB suffered from an unexpected, unplanned failure on the RFME. Specific details are in the Additional Text. (should be inactive in LR14.3)		
Impact: Depending on the nature of the failure, some Telecom or OAM functionalities may not be available during recovery. On successful reset, the Telecom and OAM functionalities are available.		
Remedial action: No action is required.		

Table 28-728 IK4009188 - OAM RFME EVENT 2

Alarm	Attributes	Applicable major releases
Name: IK4009188 (4007) Type: equipmentAlarm (3) Package: lte Raised on class: lte.RFME	Severity: variable Specific problem: OAM RFME EVENT 2 (772) Implicitly cleared: true Default probable cause: unknown (1097)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: Provisioned for late churn-in. This is a spare event for future use.		
Impact: Unknown.		
Remedial action: No action is required.		

Table 28-729 IK4009189 - OAM RFME EVENT 3

Alarm	Attributes	Applicable major releases
Name: IK4009189 (4008) Type: equipmentAlarm (3) Package: lte Raised on class: lte.RFME	Severity: variable Specific problem: OAM RFME EVENT 3 (773) Implicitly cleared: true Default probable cause: unknown (1097)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: Provisioned for late churn-in. This is a spare event for future use.		
Impact: Unknown.		
Remedial action: No action is required.		

Table 28-730 IK4009190 - LOSS OF EMBMS PHASE SYNC

Alarm	Attributes	Applicable major releases
Name: IK4009190 (4009) Type: equipmentAlarm (3) Package: lte Raised on class: lte.CBCardSpecifics	Severity: major Specific problem: LOSS OF EMBMS PHASE SYNC (755) Implicitly cleared: true Default probable cause: lossOfSignal (99)	<ul style="list-style-type: none"> • LR13.3
Description: This alarm indicates that the phase-sync requirement for supporting eMBMS can no longer be guaranteed due to the loss of clock reference.		
Impact: eMBMS specified commitment for error rate and cell coverage can no longer be guaranteed due to phase drift.		
Remedial action: If alarm remains consider the Clock reference alarms to determine the cause of the onset of holdover.		

Table 28-731 IK4009191 - M3 SCTP ASSOCIATION FAILURE

Alarm	Attributes	Applicable major releases
Name: IK4009191 (4010) Type: equipmentAlarm (3) Package: Ite Raised on class: Ite.M3MmeTransportLayerAccess	Severity: major Specific problem: M3 SCTP ASSOCIATION FAILURE (774) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This alarm indicates that the MME does not acknowledge the M3 association request from the MCE.		
Impact: No eMBMS sessions can be started.		
Remedial action: 1. Check IP and SCTP provisioning in eNB and MME. 2. Check network connectivity between eNB and MME.		

Table 28-732 IK4009192 - M3 SCTP ASSOCIATION DOWN

Alarm	Attributes	Applicable major releases
Name: IK4009192 (4011) Type: equipmentAlarm (3) Package: Ite Raised on class: Ite.M3MmeTransportLayerAccess	Severity: major Specific problem: M3 SCTP ASSOCIATION DOWN (775) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This alarm indicates a M3 association fault between the eNodeB and the MME.		
Impact: eMBMS sessions outage. The on-going sessions broadcast transmissions are stopped, and no futur eMBMS sessions can be started		
Remedial action: 1. Check IP and SCTP provisioning in eNB and MME. 2. Check network connectivity between eNB and MME.		

Table 28-733 IK4009193 - LOSS OF EICIC PHASE SYNC

Alarm	Attributes	Applicable major releases
Name: IK4009193 (4012) Type: equipmentAlarm (3) Package: Ite Raised on class: Ite.CBCardSpecifics	Severity: minor Specific problem: LOSS OF EICIC PHASE SYNC (776) Implicitly cleared: true Default probable cause: timingProblem (903)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This alarm indicates that the eICIC functionality is not longer guaranteed to specification due to clock drift.		
Impact: eICIC capability is compromised.		
Remedial action: No action is required.		

Table 28-734 IK4009194 - LOSS OF EICIC PHASE SYNC

Alarm	Attributes	Applicable major releases
Name: IK4009194 (4013) Type: equipmentAlarm (3) Package: Ite Raised on class: Ite.MODULE	Severity: minor Specific problem: LOSS OF EICIC PHASE SYNC (776) Implicitly cleared: true Default probable cause: timingProblem (903)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This alarm indicates that the eICIC functionality is not longer guaranteed to specification due to clock drift.		
Impact: eICIC capability is compromised.		
Remedial action: No action is required.		

Table 28-735 IK4009195 - ETHERNET PORT FAILURE

Alarm	Attributes	Applicable major releases
Name: IK4009195 (4677) Type: equipmentAlarm (3) Package: Ite Raised on class: Ite.ENBEquipment	Severity: critical Specific problem: ETHERNET PORT FAILURE (777) Implicitly cleared: true Default probable cause: inputOutputDeviceError (703)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This alarm indicates the BBU failed to send/receive traffic through an Ethernet port.		
Impact: Traffic cannot flow through the Ethernet backhaul port.		
Remedial action: Check the Ethernet port equipment for failure, replace the BBU controller board if necessary.		

Table 28-736 IK4009196 - BAD SHAPING CONFIGURATION

Alarm	Attributes	Applicable major releases
Name: IK4009196 (4678) Type: qualityOfServiceAlarm (82) Package: Ite Raised on class: Ite.ENBEquipment	Severity: major Specific problem: BAD SHAPING CONFIGURATION (778) Implicitly cleared: true Default probable cause: configurationOrCustomizationError (902)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This alarm indicates that the sum of the egress CIR per VLAN exceeds the daisy chained port speed when shaping per VLAN on the daisy chained port is requested. Either the egress CIR exceed the daisy chained port speed when shaping per port on daisy chained port is requested		
Impact: The shaping function has no effect.		
Remedial action: The shaping configuration shall be checked.		

Table 28-737 IK4009197 - BAD POLICING CONFIGURATION

Alarm	Attributes	Applicable major releases
Name: IK4009197 (4679) Type: qualityOfServiceAlarm (82) Package: Ite Raised on class: Ite.ENBEquipment	Severity: major Specific problem: BAD POLICING CONFIGURATION (779) Implicitly cleared: true Default probable cause: configurationOrCustomizationError (902)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This alarm indicates the ingress CIR exceed the daisy chained port speed, when policing on daisy chained port is requested		
Impact: The policing function has no effect.		
Remedial action: Review the policing configuration and change if necessary.		

Table 28-738 IK4009198 - SCB PTP DISCONTINUOUS SESSION LOCK FAIL

Alarm	Attributes	Applicable major releases
Name: IK4009198 (4680) Type: equipmentAlarm (3) Package: Ite Raised on class: Ite.MODULE	Severity: minor Specific problem: SCB PTP DISCONTINUOUS SESSION LOCK FAIL (780) Implicitly cleared: true Default probable cause: lossOfSignal (99)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This alarm indicates, when the 1588 client is configured to Discontinuous mode that the client failed to achieve Lock in the 1588 message transfer session. This alarm is inhibited when the 1588 message transfer is in Continuous mode.		
Impact: The Metrocell moves to Holdover state, CallP remains supported.		
Remedial action: Investigate the link PDV impairment profile. Increase the length of the active 1588 message transfer session.		

Table 28-739 IK4009202 - EFM L2 ETHERNET PORT FAILURE

Alarm	Attributes	Applicable major releases
Name: IK4009202 (4684) Type: communicationsAlarm (4) Package: Ite Raised on class: Ite.ENBEquipment	Severity: major Specific problem: EFM L2 ETHERNET PORT FAILURE (784) Implicitly cleared: true Default probable cause: lossOfFrame (97)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This alarm indicates that an Ethernet MAC failure has been detected by the EFM protocol.		
Impact: Backhaul communication to the eNodeB may be lost.		
Remedial action: Check the EFM local and remote information for the Ethernet port.		

Table 28-740 IK4009203 - AUTOTEST FAILURE

Alarm	Attributes	Applicable major releases
Name: IK4009203 (4685) Type: equipmentAlarm (3) Package: Ite Raised on class: Ite.MODULE	Severity: critical Specific problem: AUTOTEST FAILURE (637) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This alarm indicates that the self test of the module reported an error.		
Impact: The telecom resources processed by the module are lost since the module is out of service, however there is no impact on OAM services of the module.		
Remedial action: Reset the module. If the alarm persists, replace the module.		

Table 28-741 IK4009204 - NO CONTACT TO BOARD

Alarm	Attributes	Applicable major releases
Name: IK4009204 (4686) Type: equipmentAlarm (3) Package: Ite Raised on class: Ite.RFME	Severity: major Specific problem: NO CONTACT TO BOARD (667) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: The controller can no longer communicate with this unit.		
Impact: Telecom: The performance of the telecom service is low. OAM: No impact on OAM service.		
Remedial action: Check the board connectivity.		

Table 28-742 IK4009205 - AUTOTEST FAILURE

Alarm	Attributes	Applicable major releases
Name: IK4009205 (4687) Type: equipmentAlarm (3) Package: Ite Raised on class: Ite.RFME	Severity: critical Specific problem: AUTOTEST FAILURE (637) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This alarm indicates that the self test of the module reported an error.		
Impact: The telecom resources processed by the module are lost since the module is out of service, however there is no impact on OAM services of the module.		
Remedial action: Reset the eNB. If the alarm persists, replace the module.		

Table 28-743 IK4009209 - NO CONTACT TO BOARD

Alarm	Attributes	Applicable major releases
Name: IK4009209 (4688) Type: equipmentAlarm (3) Package: Ite Raised on class: Ite.ENBEquipment	Severity: critical Specific problem: NO CONTACT TO BOARD (667) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: The controller can no longer communicate with this unit.		
Impact: OAM inventory reporting is incorrect OAM:Metro Dock reporting degraded		
Remedial action: Check for connectivity with the board.		

Table 28-744 IK4009210 - HW SW CAPABILITY CHECK RADIOCACENB FAILURE

Alarm	Attributes	Applicable major releases
Name: IK4009210 (4689) Type: equipmentAlarm (3) Package: Ite Raised on class: Ite.CBCardSpecifics	Severity: minor Specific problem: HW SW CAPABILITY CHECK RADIOCACENB FAILURE (1889) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR14.3.L
Description: There is a mismatch between MIM configuration data RadioCacEnb and HW reported capabilities detected.		
Impact: The RadioCacEnb algorithm is limited to HW capabilities.		
Remedial action: The operator has to check the MIM configuration of RadioCacEnb object and the installed Controller Type. The MIM configuration must be aligned to the capability of the HW.		

Table 28-745 IK4009211 - BB TO BB LOSS OF USER PLANE INTERBOARD CONNECTIVITY FOR LEGACY ENB

Alarm	Attributes	Applicable major releases
Name: IK4009211 (7983) Type: equipmentAlarm (3) Package: Ite Raised on class: Ite.BBCardSpecifics	Severity: major Specific problem: BB TO BB LOSS OF USER PLANE INTERBOARD CONNECTIVITY FOR LEGACY ENB (1890) Implicitly cleared: true Default probable cause: unknown (1097)	<ul style="list-style-type: none"> • LR14.3.L
Description: This alarm indicates a loss of User Plane inter-board connectivity between this BB board and the peer BB board(s) indicated in the additional info.		
Impact: Telecom: No impact on non-CA calls, Carrier Aggregation calls are no longer possible between this board and the peer board indicated in the additional info.		
Remedial action: Reset the board where the alarm is raised, If it does not clear the alarm, perform an eNodeB reset; If it fails to recover, replace the board.		

Table 28-746 IK4009212 - BB TO BB LOSS OF USER PLANE INTERBOARD CONNECTIVITY

Alarm	Attributes	Applicable major releases
Name: IK4009212 (7984) Type: equipmentAlarm (3) Package: Ite Raised on class: Ite.BBCardSpecifics	Severity: major Specific problem: BB TO BB LOSS OF USER PLANE INTERBOARD CONNECTIVITY (1891) Implicitly cleared: true Default probable cause: unknown (1097)	<ul style="list-style-type: none"> LR14.3.L
Description: This alarm indicates a loss of User Plane inter-board connectivity between this BB board and the peer BB board(s) indicated in the additional info.		
Impact: Telecom: No impact on non-CA calls, Carrier Aggregation calls are no longer possible between this board and the peer board indicated in the additional info.		
Remedial action: Reset the board where the alarm is raised, If it does not clear the alarm, perform an eNodeB reset; If it fails to recover, replace the board.		

Table 28-747 IK4009213 - BB TO CB LOSS OF USER PLANE INTERBOARD CONNECTIVITY

Alarm	Attributes	Applicable major releases
Name: IK4009213 (7985) Type: equipmentAlarm (3) Package: Ite Raised on class: Ite.BBCardSpecifics	Severity: critical Specific problem: BB TO CB LOSS OF USER PLANE INTERBOARD CONNECTIVITY (1892) Implicitly cleared: true Default probable cause: unknown (1097)	<ul style="list-style-type: none"> LR14.3.L
Description: This alarm indicates a loss of User Plane inter-board connectivity between this BB board and the CB board indicated in the additional info.		
Impact: Telecom: The user plane GTP traffic for calls is interrupted.		
Remedial action: Reset the board where the alarm is raised, If it does not clear the alarm, perform an eNodeB reset; If it fails to recover, replace the board.		

Table 28-748 IK4009214 - CB LOSS OF USER PLANE INTERBOARD CONNECTIVITY

Alarm	Attributes	Applicable major releases
Name: IK4009214 (7986) Type: equipmentAlarm (3) Package: Ite Raised on class: Ite.CBCardSpecifics	Severity: critical Specific problem: CB LOSS OF USER PLANE INTERBOARD CONNECTIVITY (1893) Implicitly cleared: true Default probable cause: unknown (1097)	<ul style="list-style-type: none"> LR14.3.L
Description: This alarm indicates a loss of User Plane inter-board connectivity between this CB board and the peer BB board(s) indicated in the additional info.		
Impact: Telecom: The user plane GTP traffic for calls is interrupted.		
Remedial action: Reset the eNodeB, If it fails to recover, replace the board.		

Table 28-749 IK4009215 - RFM TEMPORARY UNAVAILABLE

Alarm	Attributes	Applicable major releases
Name: IK4009215 (7987) Type: processingErrorAlarm (81) Package: Ite Raised on class: Ite.RFM	Severity: minor Specific problem: RFM TEMPORARY UNAVAILABLE (1894) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> LR14.3.L
Description: This alarm indicates that the RFM cant execute the request because it is temporary unavailable. The request will be repeated.		
Impact: Telecom: Possible loss of telecom resources. OAM: No impact on OAM service.		
Remedial action: No action is required		

Table 28-750 IK4009216 - RFM UNAVAILABLE

Alarm	Attributes	Applicable major releases
Name: IK4009216 (7988) Type: processingErrorAlarm (81) Package: Ite Raised on class: Ite.RFM	Severity: critical Specific problem: RFM UNAVAILABLE (1895) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> LR14.3.L
Description: This alarm indicates the scenario failure due to no-response from the module.		
Impact: Telecom: The telecom resources processed by the module are lost as the module is out of service. OAM: No impact on OAM service.		
Remedial action: Reset the module. If the alarm persist replace the module.		

Table 28-751 IK4009217 - RFM PROCESSING ERROR

Alarm	Attributes	Applicable major releases
Name: IK4009217 (7989) Type: processingErrorAlarm (81) Package: Ite Raised on class: Ite.RFM	Severity: major Specific problem: RFM PROCESSING ERROR (1896) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> LR14.3.L
Description: This alarm indicates the scenario failure due to RFM failure of processing.		
Impact: Telecom: The telecom resources processed by the module are lost as the module is out of service. OAM: No impact on OAM service.		
Remedial action: Reset the module. If the alarm persist replace the module.		

Table 28-752 IK4009218 - RFM NOT OPERATIONAL

Alarm	Attributes	Applicable major releases
Name: IK4009218 (7990) Type: processingErrorAlarm (81) Package: Ite Raised on class: Ite.RFM	Severity: major Specific problem: RFM NOT OPERATIONAL (1897) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> LR14.3.L
Description: This alarm indicates that the RFM has been detected as not operational. In most situations a second alarm related to this object should be already raised and an equipment reset already triggered.		
Impact: Telecom: The telecom resources processed by the module are lost as the module is out of service. OAM: No impact on OAM service.		
Remedial action: If the eNodeB recovery action does not fix the alarm then reset the module. If the alarm persists replace the module.		

Table 28-753 IK4010001 - RET UNREADABLE MANUFACTURER DATA

Alarm	Attributes	Applicable major releases
Name: IK4010001 (2664) Type: equipmentAlarm (3) Package: Ite Raised on class: Ite.RetAldEntry	Severity: minor Specific problem: RET UNREADABLE MANUFACTURER DATA (786) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> LR13.3 LR14.1.L LR14.3.L
Description: This alarm indicates a failure to read manufacturer data record.		
Impact: The RET may not respond to tilt requests.		
Remedial action: Reset the RET, replace if necessary.		

Table 28-754 IK4010002 - RET MOTOR JAM

Alarm	Attributes	Applicable major releases
Name: IK4010002 (2665) Type: equipmentAlarm (3) Package: Ite Raised on class: Ite.RetAldEntry	Severity: minor Specific problem: RET MOTOR JAM (787) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> LR13.3 LR14.1.L LR14.3.L
Description: This alarm indicates that the RET motor cannot move.		
Impact: Loss of antenna tilt motion.		
Remedial action: Check for obstruction of antenna tilt mechanism, or replace failed RET actuator.		

Table 28-755 IK4010003 - RET ACTUATOR JAM

Alarm	Attributes	Applicable major releases
Name: IK4010003 (2666) Type: equipmentAlarm (3) Package: Ite Raised on class: Ite.RetAIdEntry	Severity: minor Specific problem: RET ACTUATOR JAM (788) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This alarm indicates that the RET actuator jam has been detected. No movement of the actuator, but movement of the motor was detected.		
Impact: Loss of antenna tilt motion.		
Remedial action: Check for obstruction of antenna tilt mechanism, or replace failed RET actuator.		

Table 28-756 IK4010004 - RET NOT CALIBRATED

Alarm	Attributes	Applicable major releases
Name: IK4010004 (2667) Type: equipmentAlarm (3) Package: Ite Raised on class: Ite.RetAIdEntry	Severity: minor Specific problem: RET NOT CALIBRATED (789) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This alarm indicates that the RET device has not completed a calibration operation, or calibration has been lost		
Impact: RET tilt angle may not be accurate.		
Remedial action: Execute the RET calibration procedure.		

Table 28-757 IK4010005 - RET NOT CONFIGURED

Alarm	Attributes	Applicable major releases
Name: IK4010005 (2668) Type: equipmentAlarm (3) Package: Ite Raised on class: Ite.RetAIdEntry	Severity: minor Specific problem: RET NOT CONFIGURED (790) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This alarm indicates that the RET actuator antenna configuration file is missing.		
Impact: No Antenna Tilt Function.		
Remedial action: Download proper ACF configuration data and repeat calibration.		

Table 28-758 IK4010006 - RET HW FAILURE

Alarm	Attributes	Applicable major releases
Name: IK4010006 (2669) Type: equipmentAlarm (3) Package: Ite Raised on class: Ite.RetAIdEntry	Severity: minor Specific problem: RET HW FAILURE (791) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This alarm indicates a general hardware failure.		
Impact: The RET is out of service.		
Remedial action: Reset the RET, replace the RET if the problem persists.		

Table 28-759 IK4010007 - RET ACTUATOR INTERFERENCE

Alarm	Attributes	Applicable major releases
Name: IK4010007 (2670) Type: equipmentAlarm (3) Package: Ite Raised on class: Ite.RetAIdEntry	Severity: minor Specific problem: RET ACTUATOR INTERFERENCE (792) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This alarm indicates an actuator movement outside the control of the RET unit. Probable cause is manual interference.		
Impact: Loss of antenna tilt motion.		
Remedial action: Check the antenna panel for mechanical interference.		

Table 28-760 IK4010008 - RET SOFTWARE FAIL

Alarm	Attributes	Applicable major releases
Name: IK4010008 (2671) Type: equipmentAlarm (3) Package: Ite Raised on class: Ite.RetAIdEntry	Severity: minor Specific problem: RET SOFTWARE FAIL (793) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This alarm indicates a general RET SW failure.		
Impact: The RET is out of service.		
Remedial action: Reset the RET. If the problem persists then download new software to the RET, otherwise replace the RET.		

Table 28-761 IK4010009 - RET ALD UNIT SUPPORT WRONG AISG VERSION

Alarm	Attributes	Applicable major releases
Name: IK4010009 (2672) Type: equipmentAlarm (3) Package: Ite Raised on class: Ite.RetAldEntry	Severity: minor Specific problem: RET ALD UNIT SUPPORT WRONG AISG VERSION (794) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This alarm indicates that the ALD unit does not support AISG version 2.0.		
Impact: The RET is out of service.		
Remedial action: Upgrade the software.		

Table 28-762 IK4010010 - RET LOSS OF COMM

Alarm	Attributes	Applicable major releases
Name: IK4010010 (2673) Type: equipmentAlarm (3) Package: Ite Raised on class: Ite.RetAldEntry	Severity: minor Specific problem: RET LOSS OF COMM (795) Implicitly cleared: true Default probable cause: communicationsSubsystemFailure (915)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This alarm indicates the RFM that acts as an AISG Controller lost communication to the RET unit.		
Impact: Loss of alarm reporting by the RET.		
Remedial action: Inspect and repair the AISG bus if needed, otherwise replace the RET.		

Table 28-763 IK4010011 - RET FAULT 1

Alarm	Attributes	Applicable major releases
Name: IK4010011 (3205) Type: equipmentAlarm (3) Package: Ite Raised on class: Ite.RetAldEntry	Severity: minor Specific problem: RET FAULT 1 (796) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: Provisioned for late churn-in. Unspecified RET fault.		
Impact: Check the additional info for impact details.		
Remedial action: Check the additional info for maintenance action details.		

Table 28-764 IK4010012 - RET FAULT 2

Alarm	Attributes	Applicable major releases
Name: IK4010012 (3206) Type: equipmentAlarm (3) Package: Ite Raised on class: Ite.RetAIdEntry	Severity: minor Specific problem: RET FAULT 2 (797) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: Provisioned for late churn-in. Unspecified RET fault.		
Impact: Check the additional info for impact details.		
Remedial action: Check the additional info for maintenance action details.		

Table 28-765 IK4010013 - RET FAULT 3

Alarm	Attributes	Applicable major releases
Name: IK4010013 (3207) Type: equipmentAlarm (3) Package: Ite Raised on class: Ite.RetAIdEntry	Severity: minor Specific problem: RET FAULT 3 (798) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: Provisioned for late churn-in. Unspecified RET fault.		
Impact: Check the additional info for impact details.		
Remedial action: Check the additional info for maintenance action details.		

Table 28-766 IK4010014 - RET FAULT 4

Alarm	Attributes	Applicable major releases
Name: IK4010014 (3208) Type: equipmentAlarm (3) Package: Ite Raised on class: Ite.RetAIdEntry	Severity: minor Specific problem: RET FAULT 4 (799) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: Provisioned for late churn-in. Unspecified RET fault.		
Impact: Check the additional info for impact details.		
Remedial action: Check the additional info for maintenance action details.		

Table 28-767 IK4010015 - RET FAULT 5

Alarm	Attributes	Applicable major releases
Name: IK4010015 (3209) Type: equipmentAlarm (3) Package: lte Raised on class: lte.RetAldEntry	Severity: minor Specific problem: RET FAULT 5 (800) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: Provisioned for late churn-in. Unspecified RET fault.		
Impact: Check the additional info for impact details.		
Remedial action: Check the additional info for maintenance action details.		

Table 28-768 IK4010016 - RET INDETERMINATE OPERATIONAL FAILURE

Alarm	Attributes	Applicable major releases
Name: IK4010016 (3813) Type: equipmentAlarm (3) Package: lte Raised on class: lte.RetAldEntry	Severity: minor Specific problem: RET INDETERMINATE OPERATIONAL FAILURE (801) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR13.3
Description: This alarm indicates that a failure of the RET has been detected that cannot be described by any specific alarm.		
Impact: Antenna tilt may not function while this alarm is present, but cell operation is unaffected (though antenna tilt position may be unknown)		
Remedial action: The unit is automatically reset to attempt to clear the fault. If the problem persists then replace the RET.		

Table 28-769 IK4010017 - RET SUBUNIT 2 MOTOR JAM

Alarm	Attributes	Applicable major releases
Name: IK4010017 (3814) Type: equipmentAlarm (3) Package: lte Raised on class: lte.RetAldEntry	Severity: minor Specific problem: RET SUBUNIT 2 MOTOR JAM (802) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This alarm indicates that the RET Subunit 2 motor cannot move.		
Impact: Loss of antenna tilt motion for Subunit 2		
Remedial action: Check for obstruction of antenna tilt mechanism, or replace failed RET Subunit 2 actuator.		

Table 28-770 IK4010018 - RET SUBUNIT 2 ACTUATOR JAM

Alarm	Attributes	Applicable major releases
Name: IK4010018 (3815) Type: equipmentAlarm (3) Package: Ite Raised on class: Ite.RetAIdEntry	Severity: minor Specific problem: RET SUBUNIT 2 ACTUATOR JAM (803) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This alarm indicates that RET Subunit 2 actuator jam has been detected. No movement of the actuator, but movement of the motor was detected.		
Impact: Loss of antenna tilt motion for Subunit 2		
Remedial action: Check for obstruction of antenna tilt mechanism, or replace failed RET Subunit 2 actuator.		

Table 28-771 IK4010019 - RET SUBUNIT 2 NOT CALIBRATED

Alarm	Attributes	Applicable major releases
Name: IK4010019 (3816) Type: equipmentAlarm (3) Package: Ite Raised on class: Ite.RetAIdEntry	Severity: minor Specific problem: RET SUBUNIT 2 NOT CALIBRATED (804) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This alarm indicates that the RET Subunit 2 device has not completed a calibration operation, or calibration has been lost		
Impact: RET Subunit 3 needs re-calibration for Subunit 2		
Remedial action: Execute the RET Subunit 2 calibration procedure.		

Table 28-772 IK4010020 - RET SUBUNIT 2 NOT CONFIGURED

Alarm	Attributes	Applicable major releases
Name: IK4010020 (3817) Type: equipmentAlarm (3) Package: Ite Raised on class: Ite.RetAIdEntry	Severity: minor Specific problem: RET SUBUNIT 2 NOT CONFIGURED (805) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This alarm indicates that the RET Subunit 2 actuator antenna configuration file is missing.		
Impact: No Antenna Tilt Function for Subunit 2		
Remedial action: Download proper ACF configuration data to Subunit 2 and repeat calibration.		

Table 28-773 IK4010021 - RET SUBUNIT 3 MOTOR JAM

Alarm	Attributes	Applicable major releases
Name: IK4010021 (3818) Type: equipmentAlarm (3) Package: Ite Raised on class: Ite.RetAIdEntry	Severity: minor Specific problem: RET SUBUNIT 3 MOTOR JAM (806) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This alarm indicates that the RET Subunit 3 motor cannot move.		
Impact: Loss of antenna tilt motion Subunit 3		
Remedial action: Check for obstruction of antenna tilt mechanism, or replace failed RET Subunit 3 actuator.		

Table 28-774 IK4010022 - RET SUBUNIT 3 ACTUATOR JAM

Alarm	Attributes	Applicable major releases
Name: IK4010022 (3819) Type: equipmentAlarm (3) Package: Ite Raised on class: Ite.RetAIdEntry	Severity: minor Specific problem: RET SUBUNIT 3 ACTUATOR JAM (807) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This alarm indicates that RET Subunit 3 actuator jam has been detected. No movement of the actuator, but movement of the motor was detected.		
Impact: Loss of antenna tilt motion Subunit 3		
Remedial action: Check for obstruction of antenna tilt mechanism, or replace failed RET Subunit 3 actuator.		

Table 28-775 IK4010023 - RET SUBUNIT 3 NOT CALIBRATED

Alarm	Attributes	Applicable major releases
Name: IK4010023 (3820) Type: equipmentAlarm (3) Package: Ite Raised on class: Ite.RetAIdEntry	Severity: minor Specific problem: RET SUBUNIT 3 NOT CALIBRATED (808) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This alarm indicates that the RET Subunit 3 device has not completed a calibration operation, or calibration has been lost		
Impact: RET Subunit 3 needs re-calibration		
Remedial action: Execute the RET calibration procedure for Subunit 3.		

Table 28-776 IK4010024 - RET SUBUNIT 3 NOT CONFIGURED

Alarm	Attributes	Applicable major releases
Name: IK4010024 (3821) Type: equipmentAlarm (3) Package: Ite Raised on class: Ite.RetAldEntry	Severity: minor Specific problem: RET SUBUNIT 3 NOT CONFIGURED (809) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This alarm indicates that the RET Subunit 3 actuator antenna configuration file is missing.		
Impact: No Antenna Tilt Function for Subunit 3.		
Remedial action: Download proper ACF configuration data to subunit 3 and repeat calibration.		

Table 28-777 IK4010025 - RET SUBUNIT 4 MOTOR JAM

Alarm	Attributes	Applicable major releases
Name: IK4010025 (3822) Type: equipmentAlarm (3) Package: Ite Raised on class: Ite.RetAldEntry	Severity: minor Specific problem: RET SUBUNIT 4 MOTOR JAM (810) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This alarm indicates that the RET Subunit 4 motor cannot move.		
Impact: Loss of antenna tilt motion Subunit 4		
Remedial action: Check for obstruction of antenna tilt mechanism, or replace failed RET Subunit 4 actuator.		

Table 28-778 IK4010026 - RET SUBUNIT 4 ACTUATOR JAM

Alarm	Attributes	Applicable major releases
Name: IK4010026 (3823) Type: equipmentAlarm (3) Package: Ite Raised on class: Ite.RetAldEntry	Severity: minor Specific problem: RET SUBUNIT 4 ACTUATOR JAM (811) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This alarm indicates that RET Subunit 4 actuator jam has been detected. No movement of the actuator, but movement of the motor was detected.		
Impact: Loss of antenna tilt motion Subunit 4		
Remedial action: Check for obstruction of antenna tilt mechanism, or replace failed RET Subunit 4 actuator.		

Table 28-779 IK4010027 - RET SUBUNIT 4 NOT CALIBRATED

Alarm	Attributes	Applicable major releases
Name: IK4010027 (3824) Type: equipmentAlarm (3) Package: Ite Raised on class: Ite.RetAIdEntry	Severity: minor Specific problem: RET SUBUNIT 4 NOT CALIBRATED (812) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This alarm indicates that the RET Subunit 4 device has not completed a calibration operation, or calibration has been lost		
Impact: RET Subunit 4 needs re-calibration		
Remedial action: Execute the RET Subunit 4 calibration procedure.		

Table 28-780 IK4010028 - RET SUBUNIT 4 NOT CONFIGURED

Alarm	Attributes	Applicable major releases
Name: IK4010028 (3825) Type: equipmentAlarm (3) Package: Ite Raised on class: Ite.RetAIdEntry	Severity: minor Specific problem: RET SUBUNIT 4 NOT CONFIGURED (813) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This alarm indicates that the RET Subunit 4 actuator antenna configuration file is missing.		
Impact: No Antenna Tilt Function for Subunit 4.		
Remedial action: Download proper ACF configuration data to Subunit 4 and repeat calibration.		

Table 28-781 IK4010029 - RET ACTUATOR INTERFERENCE 1

Alarm	Attributes	Applicable major releases
Name: IK4010029 (4014) Type: equipmentAlarm (3) Package: Ite Raised on class: Ite.RetAIdEntry	Severity: minor Specific problem: RET ACTUATOR INTERFERENCE 1 (814) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This alarm indicates an actuator movement outside the control of the RET subunit 1. Probable cause is manual interference.		
Impact: Loss of antenna tilt motion.		
Remedial action: Check the antenna panel for mechanical interference.		

Table 28-782 IK4010030 - RET ACTUATOR INTERFERENCE 2

Alarm	Attributes	Applicable major releases
Name: IK4010030 (4015) Type: equipmentAlarm (3) Package: lte Raised on class: lte.RetAldEntry	Severity: minor Specific problem: RET ACTUATOR INTERFERENCE 2 (815) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This alarm indicates an actuator movement outside the control of the RET subunit 2. Probable cause is manual interference.		
Impact: Loss of antenna tilt motion.		
Remedial action: Check the antenna panel for mechanical interference.		

Table 28-783 IK4010031 - RET ACTUATOR INTERFERENCE 3

Alarm	Attributes	Applicable major releases
Name: IK4010031 (4016) Type: equipmentAlarm (3) Package: lte Raised on class: lte.RetAldEntry	Severity: minor Specific problem: RET ACTUATOR INTERFERENCE 3 (816) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This alarm indicates an actuator movement outside the control of the RET subunit 3. Probable cause is manual interference.		
Impact: Loss of antenna tilt motion.		
Remedial action: Check the antenna panel for mechanical interference.		

Table 28-784 IK4010032 - RET ACTUATOR INTERFERENCE 4

Alarm	Attributes	Applicable major releases
Name: IK4010032 (4017) Type: equipmentAlarm (3) Package: lte Raised on class: lte.RetAldEntry	Severity: minor Specific problem: RET ACTUATOR INTERFERENCE 4 (817) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This alarm indicates an actuator movement outside the control of the RET subunit 4. Probable cause is manual interference.		
Impact: Loss of antenna tilt motion.		
Remedial action: Check the antenna panel for mechanical interference.		

Table 28-785 IK4010033 - RET SUBUNIT 1 MOTOR JAM

Alarm	Attributes	Applicable major releases
Name: IK4010033 (4018) Type: equipmentAlarm (3) Package: lte Raised on class: lte.RetAldEntry	Severity: minor Specific problem: RET SUBUNIT 1 MOTOR JAM (818) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This alarm indicates that the RET Subunit 1 motor cannot move.		
Impact: Loss of antenna tilt motion for Subunit 1		
Remedial action: Check for obstruction of antenna tilt mechanism, or replace failed RET Subunit 1 actuator.		

Table 28-786 IK4010034 - RET SUBUNIT 1 ACTUATOR JAM

Alarm	Attributes	Applicable major releases
Name: IK4010034 (4019) Type: equipmentAlarm (3) Package: lte Raised on class: lte.RetAldEntry	Severity: minor Specific problem: RET SUBUNIT 1 ACTUATOR JAM (819) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This alarm indicates that RET Subunit 1 actuator jam has been detected. No movement of the actuator, but movement of the motor was detected.		
Impact: Loss of antenna tilt motion for Subunit 1		
Remedial action: Check for obstruction of antenna tilt mechanism, or replace failed RET Subunit 1 actuator.		

Table 28-787 IK4010035 - RET SUBUNIT 1 NOT CALIBRATED

Alarm	Attributes	Applicable major releases
Name: IK4010035 (4020) Type: equipmentAlarm (3) Package: lte Raised on class: lte.RetAldEntry	Severity: minor Specific problem: RET SUBUNIT 1 NOT CALIBRATED (820) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This alarm indicates that the RET Subunit 1 device has not completed a calibration operation, or calibration has been lost		
Impact: Execute the RET Subunit 1 calibration procedure		
Remedial action: Execute the RET Subunit 1 calibration procedure.		

Table 28-788 IK4010036 - RET SUBUNIT 1 NOT CONFIGURED

Alarm	Attributes	Applicable major releases
Name: IK4010036 (4021) Type: equipmentAlarm (3) Package: Ite Raised on class: Ite.RetAIdEntry	Severity: minor Specific problem: RET SUBUNIT 1 NOT CONFIGURED (821) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This alarm indicates that the RET Subunit 1 actuator antenna configuration file is missing.		
Impact: No Antenna Tilt Function for Subunit 1		
Remedial action: Download proper ACF configuration data to Subunit 1 and repeat calibration.		

Table 28-789 IK4010038 - ALL SUBUNITS IN ALARM STATUS

Alarm	Attributes	Applicable major releases
Name: IK4010038 (4690) Type: equipmentAlarm (3) Package: Ite Raised on class: Ite.RetAIdEntry	Severity: minor Specific problem: ALL SUBUNITS IN ALARM STATUS (822) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This alarm indicates that all the subunits (or the only unit of a single subunit device) are in alarm.		
Impact: Tilt of the antennas supported by this RET cannot be adjusted.		
Remedial action: Refer to the alarm reported for the specific subunits and correct the fault or replace the unit as necessary.		

Table 28-790 IK4010039 - RET INDETERMINATE OPERATIONAL FAILURE

Alarm	Attributes	Applicable major releases
Name: IK4010039 (5238) Type: equipmentAlarm (3) Package: Ite Raised on class: Ite.RetAIdEntry	Severity: minor Specific problem: RET INDETERMINATE OPERATIONAL FAILURE (801) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR14.1.L • LR14.3.L
Description: This alarm indicates that a failure of the RET has been detected that cannot be described by any specific alarm.		
Impact: Antenna tilt may not function while this alarm is present, but cell operation is unaffected (though antenna tilt position may be unknown)		
Remedial action: The unit is automatically reset to attempt to clear the fault. If the problem persists then replace the RET.		

Table 28-791 IK4011003 - ANTENNA_PORT GAIN CONTROL WARNING TX

Alarm	Attributes	Applicable major releases
Name: IK4011003 (3212) Type: equipmentAlarm (3) Package: Ite Raised on class: Ite.ENBEquipment	Severity: major Specific problem: ANTENNA_PORT GAIN CONTROL WARNING TX (825) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: The RFM in Macro eNB or RFME in Metro eNB may not be able to maintain normal transmit gain on this port, but the port is still transmitting.		
Impact: The RFM port in Macro or RFME port in Metro is still transmitting but possibly at reduced power output. The associated cell is degraded.		
Remedial action: Check the RFM (Macro) or RFME (Metro) environment. If no environmental problems are present then reset the RFM (Macro eNB) or reset eNB (Metro eNB) at the next maintenance window. If the alarm persists then prepare for possible failure of the unit, replacement may be necessary.		

Table 28-792 IK4011004 - ANTENNA_PORT TX FAIL

Alarm	Attributes	Applicable major releases
Name: IK4011004 (3213) Type: equipmentAlarm (3) Package: Ite Raised on class: Ite.ENBEquipment	Severity: major Specific problem: ANTENNA_PORT TX FAIL (826) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This alarm indicates the RF transmission has failed on this port.		
Impact: The RFM port in Macro or RFME port in Metro is no longer transmitting, but the cell may still be partially supported on another port. The associated cell is degraded.		
Remedial action: Reset the RFM (Macro eNB) or in case of Metro all-in-one equipment reset eNB (Metro eNB) at the next maintenance window. If the alarm persists then replace the RFM in Macro or the Metro Equipment."		

Table 28-793 IK4011005 - ANTENNA_PORT GAIN CONTROL TX

Alarm	Attributes	Applicable major releases
Name: IK4011005 (3214) Type: equipmentAlarm (3) Package: Ite Raised on class: Ite.ENBEquipment	Severity: major Specific problem: ANTENNA_PORT GAIN CONTROL TX (827) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This alarm indicates the RFM in Macro eNB or RFME in Metro eNB cannot provide the required RF gain on this port and is no longer transmitting.		

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Alarm	Attributes	Applicable major releases
Impact: The RFM port in Macro or RFME port in Metro is no longer transmitting, but the cell may still be partially supported on another port. The associated cell is degraded.		
Remedial action: Reset the RFM (Macro eNB) or in case of Metro all-in-one equipment reset eNB (Metro eNB) at the next maintenance window. If the alarm persists then replace the RFM in Macro or the Metro Equipment."		

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Table 28-794 IK4011006 - ANTENNA_PORT RF OUTPUT OVRDRV TX

Alarm	Attributes	Applicable major releases
Name: IK4011006 (3215) Type: equipmentAlarm (3) Package: Ite Raised on class: Ite.ENBEquipment	Severity: major Specific problem: ANTENNA_PORT RF OUTPUT OVRDRV TX (828) Implicitly cleared: true Default probable cause: powerProblem (911)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This alarm indicates the RFM in Macro eNB or RFME in Metro has detected that transmit power on this port is too high so transmission for the port has been turned off. The turn off may also be caused by High reflected power: if the antenna cable is disconnected or damaged, or the antenna is damaged there may be high RF power levels reflected back into the RFM antenna port. RFMs can absorb a certain amount of this but newer high power units may not be able to absorb high return levels and so need to shut down. The power off may be also be due to High input IQ slew rates- internal slew detectors shut down the transmit path if the IQ levels swing too much for too long (5 seconds)		
Impact: The RFM port in Macro or RFME port in Metro is no longer transmitting, but the cell may still be partially supported on another port. The associated cell is degraded.		
Remedial action: Check for proper downlink power settings of the cells assigned to this port. Check also if the antenna cable is disconnected or damaged, or if the antenna is damaged, this may be the cause of High Reflected Power. Check also the CPRI cable connection, that may be the cause of High Input slew detectors		

Table 28-795 IK4011007 - ANTENNA_PORT RX FAIL

Alarm	Attributes	Applicable major releases
Name: IK4011007 (3216) Type: equipmentAlarm (3) Package: Ite Raised on class: Ite.ENBEquipment	Severity: major Specific problem: ANTENNA_PORT RX FAIL (829) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This alarm indicates the receiver for this port has failed.		
Impact: Reception on this port is no longer functioning, but the cell may still be partially supported on another port. The associated cell is degraded.		
Remedial action: Reset the RFM (Macro eNB) or in case of Metro all-in-one equipment reset eNB (Metro eNB) at the next maintenance window. If the alarm persists then replace the RFM in Macro or the Metro Equipment."		

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Table 28-796 IK4011008 - ANTENNA_PORT EQUIP FAIL TX

Alarm	Attributes	Applicable major releases
Name: IK4011008 (3217) Type: equipmentAlarm (3) Package: Ite Raised on class: Ite.ENBEquipment	Severity: major Specific problem: ANTENNA_PORT EQUIP FAIL TX (830) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This alarm indicates that the transmit amplifier for this port does not function and transmission for the port is turned off.		
Impact: The RFM port in Macro or RFME port in Metro is no longer transmitting, but the cell may still be partially supported on another port. The associated cell is degraded.		
Remedial action: Reset the RRH. After resetting the RRH, if the transmission continues on only one port and the same alarm is generated, check the RFM HW and replace the RFM.		

Table 28-797 IK4011009 - ANTENNA_PORT DIGITAL INPUT OVRDRV TX

Alarm	Attributes	Applicable major releases
Name: IK4011009 (3218) Type: equipmentAlarm (3) Package: Ite Raised on class: Ite.ENBEquipment	Severity: major Specific problem: ANTENNA_PORT DIGITAL INPUT OVRDRV TX (831) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This alarm indicates that the digital transmit signal from the modem is too high for the RFM in Macro or RFME in Metro.		
Impact: Transmission on the port is degraded but still functioning. Cell performance may be degraded.		
Remedial action: Reset RFM. Use the reset command on the SAM, or reset using the remote connection to NEM. If the alarm persists, contact the next level of support for a complete action plan involving, HW, SW and Eng parameters.		

Table 28-798 IK4011010 - ANTENNA_PORT TX VSWR THRESH1

Alarm	Attributes	Applicable major releases
Name: IK4011010 (3219) Type: equipmentAlarm (3) Package: Ite Raised on class: Ite.ENBEquipment	Severity: minor Specific problem: ANTENNA_PORT TX VSWR THRESH1 (832) Implicitly cleared: true Default probable cause: adapterError (688)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This alarm indicates that the RF transmit power reflected back into this port exceeds the warning alarm threshold.		
Impact: The eNodeB performance is degraded due to TX losses.		

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Alarm	Attributes	Applicable major releases
Remedial action: Check the cabling between Radio Module output and antenna. Check the connection torque value between the Radio Module and the bulkhead. If the alarm persists then reset the RFM (Macro eNB) or in case of Metro all-in-one equipment reset eNB (Metro eNB) at the next maintenance window. If this fails to clear the alarm then replace the antenna.		

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Table 28-799 IK4011011 - ANTENNA_PORT TX VSWR THRESH2

Alarm	Attributes	Applicable major releases
Name: IK4011011 (3220) Type: equipmentAlarm (3) Package: Ite Raised on class: Ite.ENBEquipment	Severity: major Specific problem: ANTENNA_PORT TX VSWR THRESH2 (833) Implicitly cleared: true Default probable cause: adapterError (688)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This alarm indicates that the RF transmit power reflected back into this port exceeds the urgent alarm threshold.		
Impact: The eNodeB performance is degraded due to TX losses.		
Remedial action: Check the cabling between Radio Module output and antenna. Check the connection torque value between the Radio Module and the bulkhead. If the alarm persists then reset the RFM (Macro eNB) or in case of Metro all-in-one equipment reset eNB (Metro eNB) at the next maintenance window. If this fails to clear the alarm then replace the antenna"		

Table 28-800 IK4011013 - ANTENNA_PORT LNA FAIL

Alarm	Attributes	Applicable major releases
Name: IK4011013 (3222) Type: equipmentAlarm (3) Package: Ite Raised on class: Ite.ENBEquipment	Severity: minor Specific problem: ANTENNA_PORT LNA FAIL (835) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This alarm indicates that the receive amplifier in the RFM or external filter module has failed.		
Impact: Reception on this port is no longer functioning, but the cell may still be partially supported on another port.		
Remedial action: Reset the RFM (Macro eNB) or in case of Metro all-in-one equipment reset eNB (Metro eNB) at the next maintenance window. If the alarm persists then replace the RFM in Macro or the Metro Equipment or the external filter module.		

Table 28-801 IK4011014 - ANTENNA_PORT TTLNA FAILURE

Alarm	Attributes	Applicable major releases
Name: IK4011014 (3223) Type: equipmentAlarm (3) Package: Ite Raised on class: Ite.ENBEquipment	Severity: major Specific problem: ANTENNA_PORT TTLNA FAILURE (836) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This alarm indicates that the tower-top amplifier has failed or gone into bypass.		
Impact: Reception on this port may be degraded.		
Remedial action: Replace the tower-top amplifier.		

Table 28-802 IK4011015 - ANTENNA_PORT FAULT 1

Alarm	Attributes	Applicable major releases
Name: IK4011015 (3224) Type: equipmentAlarm (3) Package: Ite Raised on class: Ite.ENBEquipment	Severity: major Specific problem: ANTENNA_PORT FAULT 1 (837) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: Provisioned for late churn-in. Unspecified antenna port fault		
Impact: Check the additional info for impact details.		
Remedial action: Check the additional info for maintenance action details.		

Table 28-803 IK4011016 - ANTENNA_PORT FAULT 2

Alarm	Attributes	Applicable major releases
Name: IK4011016 (3225) Type: equipmentAlarm (3) Package: Ite Raised on class: Ite.ENBEquipment	Severity: major Specific problem: ANTENNA_PORT FAULT 2 (838) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: Provisioned for late churn-in. Unspecified antenna port fault		
Impact: Check the additional info for impact details.		
Remedial action: Check the additional info for maintenance action details.		

Table 28-804 IK4011017 - ANTENNA_PORT FAULT 3

Alarm	Attributes	Applicable major releases
Name: IK4011017 (3226) Type: equipmentAlarm (3) Package: Ite Raised on class: Ite.ENBEquipment	Severity: major Specific problem: ANTENNA_PORT FAULT 3 (839) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: Provisioned for late churn-in. Unspecified antenna port fault		
Impact: Check the additional info for impact details.		
Remedial action: Check the additional info for maintenance action details.		

Table 28-805 IK4011018 - ANTENNA_PORT FAULT 4

Alarm	Attributes	Applicable major releases
Name: IK4011018 (3227) Type: equipmentAlarm (3) Package: Ite Raised on class: Ite.ENBEquipment	Severity: major Specific problem: ANTENNA_PORT FAULT 4 (840) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: Provisioned for late churn-in. Unspecified antenna port fault		
Impact: Check the additional info for impact details.		
Remedial action: Check the additional info for maintenance action details.		

Table 28-806 IK4011019 - ANTENNA_PORT FAULT 5

Alarm	Attributes	Applicable major releases
Name: IK4011019 (3228) Type: equipmentAlarm (3) Package: Ite Raised on class: Ite.ENBEquipment	Severity: major Specific problem: ANTENNA_PORT FAULT 5 (841) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: Provisioned for late churn-in. Unspecified antenna port fault		
Impact: Check the additional info for impact details.		
Remedial action: Check the additional info for maintenance action details.		

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Table 28-807 IK4012000 - SCB UNREADABLE MANUFACTURER DATA

Alarm	Attributes	Applicable major releases
Name: IK4012000 (4023) Type: equipmentAlarm (3) Package: Ite Raised on class: Ite.MODULE	Severity: major Specific problem: SCB UNREADABLE MANUFACTURER DATA (842) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This alarm indicates failure to read manufacturer data record. Flash is available.		
Impact: The LTE service is affected.		
Remedial action: reset if no commissioning data is available from MIM.		

Table 28-808 IK4012001 - SCB AC MAJOR

Alarm	Attributes	Applicable major releases
Name: IK4012001 (4024) Type: equipmentAlarm (3) Package: Ite Raised on class: Ite.MODULE	Severity: minor Specific problem: SCB AC MAJOR (843) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This alarm indicates internal Contact AC power fault.		
Impact: No impact on eNodeB.		
Remedial action: No action is required.		

Table 28-809 IK4012002 - SCB AC MINOR

Alarm	Attributes	Applicable major releases
Name: IK4012002 (4025) Type: equipmentAlarm (3) Package: Ite Raised on class: Ite.MODULE	Severity: minor Specific problem: SCB AC MINOR (844) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This alarm indicates internal Contact AC power fault.		
Impact: No impact on eNodeB.		
Remedial action: No action is required.		

Table 28-810 IK4012003 - SCB AC INPUT OUT OF SPEC

Alarm	Attributes	Applicable major releases
Name: IK4012003 (4026) Type: equipmentAlarm (3) Package: Ite Raised on class: Ite.MODULE	Severity: minor Specific problem: SCB AC INPUT OUT OF SPEC (845) Implicitly cleared: true Default probable cause: powerProblem (911)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This alarm indicates internal Contact AC input out of specification.		
Impact: The eNodeB is not operational.		
Remedial action: No action is required.		

Table 28-811 IK4012004 - SCB INDETERMINATE OPERATIONAL FAILURE

Alarm	Attributes	Applicable major releases
Name: IK4012004 (4027) Type: equipmentAlarm (3) Package: Ite Raised on class: Ite.MODULE	Severity: critical Specific problem: SCB INDETERMINATE OPERATIONAL FAILURE (846) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR13.3
Description: This alarm indicates generic SW processing failure.		
Impact: Impact will depend on the affected HW unit.		
Remedial action: Reset.		

Table 28-812 IK4012005 - SCB INITIALIZATION FAILURE

Alarm	Attributes	Applicable major releases
Name: IK4012005 (4028) Type: equipmentAlarm (3) Package: Ite Raised on class: Ite.MODULE	Severity: critical Specific problem: SCB INITIALIZATION FAILURE (847) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This alarm indicates that it fails to properly initialize represented resources.		
Impact: The LTE service is affected.		
Remedial action: Reset.		

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Table 28-813 IK4012006 - SCB OSC LOSS

Alarm	Attributes	Applicable major releases
Name: IK4012006 (4029) Type: equipmentAlarm (3) Package: Ite Raised on class: Ite.MODULE	Severity: critical Specific problem: SCB OSC LOSS (848) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This alarm indicates that this is a maintenance error that indicates HW failure of the OSC.		
Impact: The module is not usable. The eNodeB is not operational.		
Remedial action: Requires eNB replacement.		

Table 28-814 IK4012007 - SCB GPS 1PPS LOSS

Alarm	Attributes	Applicable major releases
Name: IK4012007 (4030) Type: equipmentAlarm (3) Package: Ite Raised on class: Ite.MODULE	Severity: major Specific problem: SCB GPS 1PPS LOSS (849) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This alarm indicates the loss of 1PPS timing to timing circuitry.		
Impact: eNodeB uses a lower priority clock reference source or goes into holdover.		
Remedial action: No action is required.		

Table 28-815 IK4012008 - SCB FILE SYSTEM ACCESS FAILURE

Alarm	Attributes	Applicable major releases
Name: IK4012008 (4031) Type: equipmentAlarm (3) Package: Ite Raised on class: Ite.MODULE	Severity: major Specific problem: SCB FILE SYSTEM ACCESS FAILURE (850) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This alarm indicates the failure to access files in active or passive partition.		
Impact: Software download is not possible.		
Remedial action: No action is required.		

Table 28-816 IK4012009 - SCB FLYWHEEL CRITICAL

Alarm	Attributes	Applicable major releases
Name: IK4012009 (4032) Type: equipmentAlarm (3) Package: lte Raised on class: lte.MODULE	Severity: critical Specific problem: SCB FLYWHEEL CRITICAL (851) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This alarm indicates the Flywheel (free-running) time limit reached.		
Impact: The LTE service is affected.		
Remedial action: Reset.		

Table 28-817 IK4012010 - SCB FLYWHEEL MAJOR

Alarm	Attributes	Applicable major releases
Name: IK4012010 (4033) Type: equipmentAlarm (3) Package: lte Raised on class: lte.MODULE	Severity: major Specific problem: SCB FLYWHEEL MAJOR (852) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This alarm indicates the Flywheel (free-running) time reached major threshold.		
Impact: If the alarm persists, it will impact the LTE service.		
Remedial action: No action is required.		

Table 28-818 IK4012011 - SCB FLYWHEEL MINOR

Alarm	Attributes	Applicable major releases
Name: IK4012011 (4034) Type: equipmentAlarm (3) Package: lte Raised on class: lte.MODULE	Severity: minor Specific problem: SCB FLYWHEEL MINOR (853) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This alarm indicates the Flywheel (free-running) time reached minor threshold.		
Impact: If the alarm persists, it will impact the LTE service.		
Remedial action: No action is required.		

Table 28-819 IK4012012 - SCB FLYWHEEL START

Alarm	Attributes	Applicable major releases
Name: IK4012012 (4035) Type: equipmentAlarm (3) Package: lte Raised on class: lte.MODULE	Severity: warning Specific problem: SCB FLYWHEEL START (854) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This alarm indicates the Flywheel (free-running) started.		
Impact: If the alarm persists, it will impact the LTE service.		
Remedial action: No action is required.		

Table 28-820 IK4012013 - SCB FAULT RAI CPRIPORT 1

Alarm	Attributes	Applicable major releases
Name: IK4012013 (4036) Type: equipmentAlarm (3) Package: lte Raised on class: lte.MODULE	Severity: major Specific problem: SCB FAULT RAI CPRIPORT 1 (855) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This alarm indicates the fault of CPRI port. Change the K_IET_CMPLX_CPRI_STATE_n to (disable/failed/NA).		
Impact: Impacts the LTE service.		
Remedial action: Reset RFME.		

Table 28-821 IK4012014 - SCB FAULT RAI CPRIPORT 2

Alarm	Attributes	Applicable major releases
Name: IK4012014 (4037) Type: equipmentAlarm (3) Package: lte Raised on class: lte.MODULE	Severity: major Specific problem: SCB FAULT RAI CPRIPORT 2 (856) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This alarm indicates the fault of CPRI port. Change the K_IET_CMPLX_CPRI_STATE_n to (disable/failed/NA).		
Impact: Impacts the LTE service.		
Remedial action: Reset RFME.		

Table 28-822 IK4012019 - SCB FAULT SDI CPRIPORT 1

Alarm	Attributes	Applicable major releases
Name: IK4012019 (4038) Type: equipmentAlarm (3) Package: lte Raised on class: lte.MODULE	Severity: minor Specific problem: SCB FAULT SDI CPRIPORT 1 (857) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This alarm indicates that SAP defects indication received.		
Impact: No impact on eNB.		
Remedial action: No action is required.		

Table 28-823 IK4012020 - SCB FAULT SDI CPRIPORT 2

Alarm	Attributes	Applicable major releases
Name: IK4012020 (4039) Type: equipmentAlarm (3) Package: lte Raised on class: lte.MODULE	Severity: minor Specific problem: SCB FAULT SDI CPRIPORT 2 (858) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This alarm indicates that SAP defects indication received.		
Impact: No impact on eNB.		
Remedial action: No action is required.		

Table 28-824 IK4012025 - SCB FAULT LOS LOF CPRIPORT 1

Alarm	Attributes	Applicable major releases
Name: IK4012025 (4040) Type: equipmentAlarm (3) Package: lte Raised on class: lte.MODULE	Severity: major Specific problem: SCB FAULT LOS LOF CPRIPORT 1 (859) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This alarm indicates loss of signal or loss of frame. Change the K_IET_CMPLX_CPRI_STATE_n to (disable/failed/NA).		
Impact: The LTE service is affected.		
Remedial action: No action is required.		

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Table 28-825 IK4012026 - SCB FAULT LOS LOF CPRIPORT 2

Alarm	Attributes	Applicable major releases
Name: IK4012026 (4041) Type: equipmentAlarm (3) Package: lte Raised on class: lte.MODULE	Severity: major Specific problem: SCB FAULT LOS LOF CPRIPORT 2 (860) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This alarm indicates loss of signal or loss of frame. Change the K_IET_CMLPX_CPRI_STATE_n to (disable/failed/NA).		
Impact: The LTE service is affected.		
Remedial action: No action is required.		

Table 28-826 IK4012030 - SCB INDETERMINATE OPERATIONAL FAILURE

Alarm	Attributes	Applicable major releases
Name: IK4012030 (5239) Type: equipmentAlarm (3) Package: lte Raised on class: lte.MODULE	Severity: critical Specific problem: SCB INDETERMINATE OPERATIONAL FAILURE (846) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR14.1.L • LR14.3.L
Description: This alarm indicates generic SW processing failure.		
Impact: Impact will depend on the affected HW unit.		
Remedial action: Reset.		

Table 28-827 IK4012031 - SCB ALL CPRIPOINTS FAILED

Alarm	Attributes	Applicable major releases
Name: IK4012031 (4042) Type: equipmentAlarm (3) Package: lte Raised on class: lte.MODULE	Severity: critical Specific problem: SCB ALL CPRIPOINTS FAILED (861) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This alarm indicates that all CPRI ports in use are disabled due to fault condition other than missing.		
Impact: Impacts the LTE service.		
Remedial action: No action is required.		

Table 28-828 IK4012032 - SCB OSC OVER TEMP

Alarm	Attributes	Applicable major releases
Name: IK4012032 (4043) Type: equipmentAlarm (3) Package: Ite Raised on class: Ite.MODULE	Severity: major Specific problem: SCB OSC OVER TEMP (862) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This alarm indicates pluggable OSM is operating at a temperature above spec limit causing performance to be degraded.		
Impact: The LTE performance is low.		
Remedial action: No action is required.		

Table 28-829 IK4012033 - SCB SYSTEM CLOCK UNAVAILABLE

Alarm	Attributes	Applicable major releases
Name: IK4012033 (4044) Type: equipmentAlarm (3) Package: Ite Raised on class: Ite.MODULE	Severity: critical Specific problem: SCB SYSTEM CLOCK UNAVAILABLE (863) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This alarm indicates that the system clock is not available. The alarm is applicable for 1588 system clock, syncE, GPS and external reference sources.		
Impact: Impacts the LTE service.		
Remedial action: Check the synchronization sources and provisioning.		

Table 28-830 IK4012034 - SCB LOSS OF PRIMARY REFERENCE

Alarm	Attributes	Applicable major releases
Name: IK4012034 (4045) Type: equipmentAlarm (3) Package: Ite Raised on class: Ite.MODULE	Severity: minor Specific problem: SCB LOSS OF PRIMARY REFERENCE (864) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This alarm indicates that the primary reference source is not available.		
Impact: If the reference resource is immediately rectified, there is no impact on eNodeB.		
Remedial action: Check the primary reference source.		

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Table 28-831 IK4012035 - SCB LOSS OF SYNCE

Alarm	Attributes	Applicable major releases
Name: IK4012035 (4046) Type: equipmentAlarm (3) Package: Ite Raised on class: Ite.MODULE	Severity: minor Specific problem: SCB LOSS OF SYNCE (865) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This alarm indicates that Ethernet clock is insufficient to maintain 50ppb on the air interface.		
Impact: If the reference resource is immediately rectified, there is no impact on eNodeB.		
Remedial action: No action is required.		

Table 28-832 IK4012036 - SCB GPS ANT

Alarm	Attributes	Applicable major releases
Name: IK4012036 (4047) Type: equipmentAlarm (3) Package: Ite Raised on class: Ite.MODULE	Severity: major Specific problem: SCB GPS ANT (866) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This alarm indicates GPS Antenna failure. Set only if GPS sync source is enabled.		
Impact: If the reference resource is immediately rectified, there is no impact on eNodeB.		
Remedial action: No action is required.		

Table 28-833 IK4012037 - SCB GPS RECEIVER

Alarm	Attributes	Applicable major releases
Name: IK4012037 (4048) Type: equipmentAlarm (3) Package: Ite Raised on class: Ite.MODULE	Severity: major Specific problem: SCB GPS RECEIVER (867) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This alarm indicates that the GPS receiver has failed and cannot provide a timing reference signal.		
Impact: If the reference resource is immediately rectified, there is no impact on eNodeB.		
Remedial action: No action is required.		

Table 28-834 IK4012038 - SCB GPS RECEIVER COMM FAIL

Alarm	Attributes	Applicable major releases
Name: IK4012038 (4049) Type: equipmentAlarm (3) Package: lte Raised on class: lte.MODULE	Severity: major Specific problem: SCB GPS RECEIVER COMM FAIL (868) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This alarm indicates the GPS receiver communication failure.		
Impact: If the reference resource is immediately rectified, there is no impact on eNodeB.		
Remedial action: No action is required.		

Table 28-835 IK4012039 - SCB GPS ANT POSITION UNKNOWN

Alarm	Attributes	Applicable major releases
Name: IK4012039 (4050) Type: equipmentAlarm (3) Package: lte Raised on class: lte.MODULE	Severity: minor Specific problem: SCB GPS ANT POSITION UNKNOWN (869) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This alarm indicates GPS antenna position unknown. Set only if Geo-Based location service required.		
Impact: Impacts the location-based service.		
Remedial action: Check the position of the GPS antenna.		

Table 28-836 IK4012040 - SCB OVER TEMP MAJOR

Alarm	Attributes	Applicable major releases
Name: IK4012040 (4051) Type: equipmentAlarm (3) Package: lte Raised on class: lte.MODULE	Severity: major Specific problem: SCB OVER TEMP MAJOR (870) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This alarm indicates that the CCM temperature is rising near the shutdown limit.		
Impact: If the alarm persists, it will impact the LTE service.		
Remedial action: No action is required.		

Table 28-837 IK4012041 - SCB OVER TEMP CRITICAL

Alarm	Attributes	Applicable major releases
Name: IK4012041 (4052) Type: equipmentAlarm (3) Package: lte Raised on class: lte.MODULE	Severity: critical Specific problem: SCB OVER TEMP CRITICAL (871) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This alarm indicates that the CCM temperature is above operating range.		
Impact: The LTE service is still possible until auto shutdown.		
Remedial action: Board will autonomously power down.		

Table 28-838 IK4012042 - SCB PTP LOSS OF PRIMARY SYNCHRONIZATION

Alarm	Attributes	Applicable major releases
Name: IK4012042 (4053) Type: equipmentAlarm (3) Package: lte Raised on class: lte.MODULE	Severity: minor Specific problem: SCB PTP LOSS OF PRIMARY SYNCHRONIZATION (872) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This alarm indicates indicate the lack of SYNCH message from the primary server when SYNCH messages have not been received for the period set by the SYNCH_RECEIPT_TIMEOUT_EXPIRES event in the client .		
Impact: If the reference resource is immediately rectified, there is no impact on eNodeB.		
Remedial action: No action is required.		

Table 28-839 IK4012043 - SCB PTP LOSS OF SECONDARY SYNCHRONIZATION

Alarm	Attributes	Applicable major releases
Name: IK4012043 (4054) Type: equipmentAlarm (3) Package: lte Raised on class: lte.MODULE	Severity: minor Specific problem: SCB PTP LOSS OF SECONDARY SYNCHRONIZATION (873) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This alarm indicates indicate the lack of SYNCH message from the secondary server when SYNCH messages have not been received for the period set by the SYNCH_RECEIPT_TIMEOUT_EXPIRES event in the client .		
Impact: If the reference resource is immediately rectified, there is no impact on eNodeB.		
Remedial action: No action is required.		

Table 28-840 IK4012044 - SCB UNEXPECTED LONG INITIALIZATION

Alarm	Attributes	Applicable major releases
Name: IK4012044 (4055) Type: equipmentAlarm (3) Package: lte Raised on class: lte.MODULE	Severity: minor Specific problem: SCB UNEXPECTED LONG INITIALIZATION (874) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This alarm indicates that PTP engine has taken longer than expected to achieve complete synchronization.		
Impact: The LTE service is affected with 1588 PTP as synchronization reference. However, the eNB may synchronize to an alternative available source.		
Remedial action: No action is required.		

Table 28-841 IK4012045 - SCB PTP CLIENT INITIALIZING 1

Alarm	Attributes	Applicable major releases
Name: IK4012045 (4056) Type: equipmentAlarm (3) Package: lte Raised on class: lte.MODULE	Severity: warning Specific problem: SCB PTP CLIENT INITIALIZING 1 (875) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This alarm indicates that the alarm is active on cold-start when the primary Grandmaster server is in the initializing state.		
Impact: If the reference resource is immediately rectified, there is no impact on eNodeB.		
Remedial action: No action is required.		

Table 28-842 IK4012046 - SCB PTP CLIENT INITIALIZING 2

Alarm	Attributes	Applicable major releases
Name: IK4012046 (4057) Type: equipmentAlarm (3) Package: lte Raised on class: lte.MODULE	Severity: warning Specific problem: SCB PTP CLIENT INITIALIZING 2 (876) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This alarm indicates that the alarm is active on cold-start when the secondary Grandmaster server is in the initializing state.		
Impact: If the reference resource is immediately rectified, there is no impact on eNodeB.		
Remedial action: No action is required.		

Table 28-843 IK4012047 - SCB GPS LOCK FAILURE CRITICAL

Alarm	Attributes	Applicable major releases
Name: IK4012047 (4058) Type: equipmentAlarm (3) Package: lte Raised on class: lte.MODULE	Severity: minor Specific problem: SCB GPS LOCK FAILURE CRITICAL (877) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This alarm indicates that GPS is not locked.		
Impact: If the alarm persists, it will impact the LTE service.		
Remedial action: No action is required.		

Table 28-844 IK4012048 - SCB LOOPBACK INACTIVITY

Alarm	Attributes	Applicable major releases
Name: IK4012048 (4059) Type: equipmentAlarm (3) Package: lte Raised on class: lte.MODULE	Severity: warning Specific problem: SCB LOOPBACK INACTIVITY (878) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This alarm indicates there is no packet activity for the interval specified in the loopback activation.		
Impact: No impact on eNodeB.		
Remedial action: No action is required.		

Table 28-845 IK4012049 - SCB INIT GPS SELF SURVEY

Alarm	Attributes	Applicable major releases
Name: IK4012049 (4060) Type: equipmentAlarm (3) Package: lte Raised on class: lte.MODULE	Severity: major Specific problem: SCB INIT GPS SELF SURVEY (879) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L
Description: This alarm indicates that if high accuracy GPS self survey has not been successfully completed after 24 hours. This survey will continue after the fault is raised until either it completes successful or long survey is disabled.		
Impact: Synchronization accuracy too low to support OTDOA.		
Remedial action: No action is required.		

Table 28-846 IK4012050 - SCB INIT GPS SELF SURVEY INPROGRESS

Alarm	Attributes	Applicable major releases
Name: IK4012050 (4061) Type: equipmentAlarm (3) Package: lte Raised on class: lte.MODULE	Severity: warning Specific problem: SCB INIT GPS SELF SURVEY INPROGRESS (880) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L
Description: This alarm indicates that it is raised to represents the (10hour) self survey time required upon initial GPS lock, for the eNB to gain its GPS location to the accuracy required to support OTDOA.		
Impact: No impact on eNodeB.		
Remedial action: No action is required.		

Table 28-847 IK4012051 - SCB GPS INSUFFICIENT FIXED SATELLITES

Alarm	Attributes	Applicable major releases
Name: IK4012051 (4062) Type: equipmentAlarm (3) Package: lte Raised on class: lte.MODULE	Severity: major Specific problem: SCB GPS INSUFFICIENT FIXED SATELLITES (881) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This alarm indicates that the available fixed satellites are less than the required ones to get GPS synchronization. The alarm will only be generated when GPS is configured as the synchronization source.		
Impact: The GPS synchronisation is not possible.		
Remedial action: No action is required.		

Table 28-848 IK4012052 - SCB LAYER 1 SOFTWARE WARNING 1

Alarm	Attributes	Applicable major releases
Name: IK4012052 (4063) Type: equipmentAlarm (3) Package: lte Raised on class: lte.MODULE	Severity: warning Specific problem: SCB LAYER 1 SOFTWARE WARNING 1 (882) Implicitly cleared: true Default probable cause: softwareProgramError (720)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This alarm indicates a Layer 1 software warning.		
Impact: No impact on eNodeB.		
Remedial action: No action is required.		

Table 28-849 IK4012053 - SCB LAYER 1 SOFTWARE WARNING 2

Alarm	Attributes	Applicable major releases
Name: IK4012053 (4064) Type: equipmentAlarm (3) Package: Ite Raised on class: Ite.MODULE	Severity: warning Specific problem: SCB LAYER 1 SOFTWARE WARNING 2 (883) Implicitly cleared: true Default probable cause: softwareProgramError (720)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This alarm indicates a Layer 1 software warning.		
Impact: No impact on eNodeB.		
Remedial action: No action is required.		

Table 28-850 IK4012054 - SCB LAYER 1 SOFTWARE WARNING 3

Alarm	Attributes	Applicable major releases
Name: IK4012054 (4065) Type: equipmentAlarm (3) Package: Ite Raised on class: Ite.MODULE	Severity: warning Specific problem: SCB LAYER 1 SOFTWARE WARNING 3 (884) Implicitly cleared: true Default probable cause: softwareProgramError (720)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This alarm indicates a Layer 1 software warning.		
Impact: No impact on eNodeB.		
Remedial action: No action is required.		

Table 28-851 IK4012055 - SCB LAYER 2 SOFTWARE WARNING 1

Alarm	Attributes	Applicable major releases
Name: IK4012055 (4066) Type: equipmentAlarm (3) Package: Ite Raised on class: Ite.MODULE	Severity: warning Specific problem: SCB LAYER 2 SOFTWARE WARNING 1 (885) Implicitly cleared: true Default probable cause: softwareProgramError (720)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This alarm indicates a Layer 2 software warning.		
Impact: No impact on eNodeB.		
Remedial action: No action is required.		

Table 28-852 IK4012056 - SCB LAYER 2 SOFTWARE WARNING 2

Alarm	Attributes	Applicable major releases
Name: IK4012056 (4067) Type: equipmentAlarm (3) Package: Ite Raised on class: Ite.MODULE	Severity: warning Specific problem: SCB LAYER 2 SOFTWARE WARNING 2 (886) Implicitly cleared: true Default probable cause: softwareProgramError (720)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This alarm indicates a Layer 2 software warning.		
Impact: No impact on eNodeB.		
Remedial action: No action is required.		

Table 28-853 IK4012057 - SCB LAYER 2 SOFTWARE WARNING 3

Alarm	Attributes	Applicable major releases
Name: IK4012057 (4068) Type: equipmentAlarm (3) Package: Ite Raised on class: Ite.MODULE	Severity: warning Specific problem: SCB LAYER 2 SOFTWARE WARNING 3 (887) Implicitly cleared: true Default probable cause: softwareProgramError (720)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This alarm indicates a Layer 2 software warning.		
Impact: No impact on eNodeB.		
Remedial action: No action is required.		

Table 28-854 IK4012058 - SCB LED FAILURE

Alarm	Attributes	Applicable major releases
Name: IK4012058 (4069) Type: equipmentAlarm (3) Package: Ite Raised on class: Ite.MODULE	Severity: minor Specific problem: SCB LED FAILURE (888) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This alarm indicates a failure to control face-plate LEDs.		
Impact: No impact on eNodeB.		
Remedial action: No action is required.		

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Table 28-855 IK4012059 - SCB DIV IMBALANCE 1

Alarm	Attributes	Applicable major releases
Name: IK4012059 (4070) Type: equipmentAlarm (3) Package: Ite Raised on class: Ite.MODULE	Severity: major Specific problem: SCB DIV IMBALANCE 1 (889) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This alarm indicates Diversity imbalance fault.		
Impact: No impact on eNodeB.		
Remedial action: No action is required.		

Table 28-856 IK4012060 - SCB DIV IMBALANCE 2

Alarm	Attributes	Applicable major releases
Name: IK4012060 (4071) Type: equipmentAlarm (3) Package: Ite Raised on class: Ite.MODULE	Severity: major Specific problem: SCB DIV IMBALANCE 2 (890) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This alarm indicates Diversity imbalance fault.		
Impact: No impact on eNodeB.		
Remedial action: No action is required.		

Table 28-857 IK4012061 - SCB DIV IMBALANCE 3

Alarm	Attributes	Applicable major releases
Name: IK4012061 (4072) Type: equipmentAlarm (3) Package: Ite Raised on class: Ite.MODULE	Severity: major Specific problem: SCB DIV IMBALANCE 3 (891) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This alarm indicates Diversity imbalance fault.		
Impact: No impact on eNodeB.		
Remedial action: No action is required.		

Table 28-858 IK4012062 - METRO BOX DOOR ALARM

Alarm	Attributes	Applicable major releases
Name: IK4012062 (4073) Type: equipmentAlarm (3) Package: Ite Raised on class: Ite.MODULE	Severity: minor Specific problem: METRO BOX DOOR ALARM (892) Implicitly cleared: true Default probable cause: enclosureDoorOpen (900)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This alarm indicates that the Metro box was opened.		
Impact: The eNodeB equipment is accessible and easily tampered. No immediate impact on call processing.		
Remedial action: No action is required.		

Table 28-859 IK4012063 - SCB FAULT 1

Alarm	Attributes	Applicable major releases
Name: IK4012063 (4074) Type: equipmentAlarm (3) Package: Ite Raised on class: Ite.MODULE	Severity: minor Specific problem: SCB FAULT 1 (609) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: Provisioned for late churn-in. Unspecified SCB fault detected		
Impact: Check the additional info for impact details.		
Remedial action: No action is required.		

Table 28-860 IK4012064 - SCB FAULT 2

Alarm	Attributes	Applicable major releases
Name: IK4012064 (4075) Type: equipmentAlarm (3) Package: Ite Raised on class: Ite.MODULE	Severity: minor Specific problem: SCB FAULT 2 (610) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: Provisioned for late churn-in. Unspecified SCB fault detected		
Impact: Check the additional info for impact details.		
Remedial action: No action is required.		

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Table 28-861 IK4012065 - SCB FAULT 3

Alarm	Attributes	Applicable major releases
Name: IK4012065 (4076) Type: equipmentAlarm (3) Package: Ite Raised on class: Ite.MODULE	Severity: minor Specific problem: SCB FAULT 3 (611) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: Provisioned for late churn-in. Unspecified SCB fault detected		
Impact: Check the additional info for impact details.		
Remedial action: No action is required.		

Table 28-862 IK4012066 - SCB FAULT 4

Alarm	Attributes	Applicable major releases
Name: IK4012066 (4077) Type: equipmentAlarm (3) Package: Ite Raised on class: Ite.MODULE	Severity: minor Specific problem: SCB FAULT 4 (893) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: Provisioned for late churn-in. Unspecified SCB fault detected		
Impact: Check the additional info for impact details.		
Remedial action: No action is required.		

Table 28-863 IK4012067 - SCB FAULT 5

Alarm	Attributes	Applicable major releases
Name: IK4012067 (4078) Type: equipmentAlarm (3) Package: Ite Raised on class: Ite.MODULE	Severity: minor Specific problem: SCB FAULT 5 (894) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: Provisioned for late churn-in. Unspecified SCB fault detected		
Impact: Check the additional info for impact details.		
Remedial action: No action is required.		

Table 28-864 IK4012068 - SCB GPS LOCK FAILURE

Alarm	Attributes	Applicable major releases
Name: IK4012068 (4691) Type: equipmentAlarm (3) Package: lte Raised on class: lte.MODULE	Severity: minor Specific problem: SCB GPS LOCK FAILURE (895) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This alarm indicates that GPS satellite lock has been lost after timing has been synchronized.		
Impact: The alarm will impact LTE service if the fault persists past the timing holdover period.		
Remedial action: Check the GPS antenna placement, GPS antenna status, or GPS antenna cable. Replace the External GPS Receiver or SCB (if using internal GPS receiver).		

Table 28-865 IK4012069 - SCB GPS INSUFFICIENT VISIBLE SATELLITES

Alarm	Attributes	Applicable major releases
Name: IK4012069 (4692) Type: equipmentAlarm (3) Package: lte Raised on class: lte.MODULE	Severity: warning Specific problem: SCB GPS INSUFFICIENT VISIBLE SATELLITES (896) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This alarm indicates that insufficient visible satellites are available to get GPS synchronization.		
Impact: GPS synchronisation is not possible.		
Remedial action: Check the GPS antenna location and status. Replace GPS antenna, cable or receiver if necessary.		

Table 28-866 IK4012070 - SCB L1 SOFTWARE FAIL SLICE 1

Alarm	Attributes	Applicable major releases
Name: IK4012070 (4693) Type: processingErrorAlarm (81) Package: lte Raised on class: lte.MODULE	Severity: major Specific problem: SCB L1 SOFTWARE FAIL SLICE 1 (897) Implicitly cleared: true Default probable cause: softwareProgramError (720)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This alarm indicates a software failure on the Modem Function.		
Impact: LTE service is not possible on this modem slice.		
Remedial action: Reset the modem.		

Table 28-867 IK4012071 - SCB L1 SOFTWARE FAIL SLICE 2

Alarm	Attributes	Applicable major releases
Name: IK4012071 (4694) Type: processingErrorAlarm (81) Package: lte Raised on class: lte.MODULE	Severity: major Specific problem: SCB L1 SOFTWARE FAIL SLICE 2 (898) Implicitly cleared: true Default probable cause: softwareProgramError (720)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This alarm indicates a software failure on the Modem Function.		
Impact: LTE service is not possible on this modem slice.		
Remedial action: Reset the modem.		

Table 28-868 IK4012072 - SCB L1 SOFTWARE FAIL SLICE 3

Alarm	Attributes	Applicable major releases
Name: IK4012072 (4695) Type: processingErrorAlarm (81) Package: lte Raised on class: lte.MODULE	Severity: major Specific problem: SCB L1 SOFTWARE FAIL SLICE 3 (899) Implicitly cleared: true Default probable cause: softwareProgramError (720)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This alarm indicates a software failure on the Modem Function.		
Impact: LTE service is not possible on this modem slice.		
Remedial action: Reset the modem.		

Table 28-869 IK4012073 - SCB L1 HARDWARE FAIL

Alarm	Attributes	Applicable major releases
Name: IK4012073 (4696) Type: equipmentAlarm (3) Package: lte Raised on class: lte.MODULE	Severity: critical Specific problem: SCB L1 HARDWARE FAIL (900) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This alarm indicates a Layer 1 hardware failure.		
Impact: LTE service is not possible on the modem.		
Remedial action: Reset the Modem Function, replace the eNodeB if the problem persists.		

Table 28-870 IK4012074 - SCB L2 SOFTWARE FAIL SLICE 1

Alarm	Attributes	Applicable major releases
Name: IK4012074 (4697) Type: processingErrorAlarm (81) Package: lte Raised on class: lte.MODULE	Severity: major Specific problem: SCB L2 SOFTWARE FAIL SLICE 1 (901) Implicitly cleared: true Default probable cause: softwareProgramError (720)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This alarm indicates a software failure on the Modem Function.		
Impact: LTE service is not possible on the modem.		
Remedial action: Reset the modem.		

Table 28-871 IK4012075 - SCB L2 SOFTWARE FAIL SLICE 2

Alarm	Attributes	Applicable major releases
Name: IK4012075 (4698) Type: processingErrorAlarm (81) Package: lte Raised on class: lte.MODULE	Severity: major Specific problem: SCB L2 SOFTWARE FAIL SLICE 2 (902) Implicitly cleared: true Default probable cause: softwareProgramError (720)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This alarm indicates a software failure on the Modem Function.		
Impact: LTE service is not possible on the modem.		
Remedial action: Reset the modem.		

Table 28-872 IK4012076 - SCB L2 SOFTWARE FAIL SLICE 3

Alarm	Attributes	Applicable major releases
Name: IK4012076 (4699) Type: processingErrorAlarm (81) Package: lte Raised on class: lte.MODULE	Severity: major Specific problem: SCB L2 SOFTWARE FAIL SLICE 3 (903) Implicitly cleared: true Default probable cause: softwareProgramError (720)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This alarm indicates a software failure on the Modem Function.		
Impact: LTE service is not possible on the modem.		
Remedial action: Reset the modem.		

Table 28-873 IK4012077 - BTS PACKAGE TYPE NOT RECOGNIZED

Alarm	Attributes	Applicable major releases
Name: IK4012077 (4700) Type: equipmentAlarm (3) Package: Ite Raised on class: Ite.MODULE	Severity: major Specific problem: BTS PACKAGE TYPE NOT RECOGNIZED (904) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This alarm indicates the BTS package type is not recognized.		
Impact: Unknown.		
Remedial action: Re-configure to correct BTS package type.		

Table 28-874 IK4012078 - SCB INIT GPS SELF SURVEY FAILURE

Alarm	Attributes	Applicable major releases
Name: IK4012078 (7991) Type: equipmentAlarm (3) Package: Ite Raised on class: Ite.MODULE	Severity: warning Specific problem: SCB INIT GPS SELF SURVEY FAILURE (1898) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR14.3.L
Description: This alarm indicates that high accuracy GPS self survey for OTDOA sync has not been successfully completed after 24 hours.		
Impact: Synchronization accuracy too low to support OTDOA.		
Remedial action: Check GPS performance. Ensure good GPS receiver and GPS antenna is installed per Alcatel-Lucent guidelines and located to have a full sky visibility with no local interference or multipath, then power cycle the controller to restart survey. If GPS reception can't be improved then disable OTDOA sync (isGeoLocPhaseSyncAllowed="False"), which will clear the alarm."		

Table 28-875 IK4012079 - SCB INIT GPS SELF SURVEY INPROGRESS

Alarm	Attributes	Applicable major releases
Name: IK4012079 (7992) Type: equipmentAlarm (3) Package: Ite Raised on class: Ite.MODULE	Severity: variable Specific problem: SCB INIT GPS SELF SURVEY INPROGRESS (880) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR14.3.L
Description: This event indicates that the eNB has started a high accuracy GPS survey for OTDOA, which normally takes 10 hours to complete.		
Impact: No impact on eNodeB.		
Remedial action: No action is required.		

Table 28-876 IK4013000 - RFME COMM FAIL

Alarm	Attributes	Applicable major releases
Name: IK4013000 (4079) Type: equipmentAlarm (3) Package: lte Raised on class: lte.RFME	Severity: critical Specific problem: RFME COMM FAIL (905) Implicitly cleared: true Default probable cause: communicationsProtocolError (901)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This alarm indicates the loss of RFME communication.		
Impact: The module is not usable. The LTE cells associated with this module are not operational.		
Remedial action: No action is required.		

Table 28-877 IK4013001 - RFME UNDER TEMP

Alarm	Attributes	Applicable major releases
Name: IK4013001 (4080) Type: equipmentAlarm (3) Package: lte Raised on class: lte.RFME	Severity: minor Specific problem: RFME UNDER TEMP (906) Implicitly cleared: true Default probable cause: heatingOrVentilationOrCoolingSystemProblem (701)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This alarm indicates that the RFME ambient temperature is low.		
Impact: No impact on eNodeB.		
Remedial action: No action is required.		

Table 28-878 IK4013002 - RFME WARM UP

Alarm	Attributes	Applicable major releases
Name: IK4013002 (4081) Type: equipmentAlarm (3) Package: lte Raised on class: lte.RFME	Severity: critical Specific problem: RFME WARM UP (907) Implicitly cleared: true Default probable cause: heatingOrVentilationOrCoolingSystemProblem (701)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This alarm indicates that the RFME ambient temperature is too low.		
Impact: The module is not usable. The LTE cells associated with this module are not operational.		
Remedial action: Wait.		

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Table 28-879 IK4013003 - RFME OVER TEMP WARNING

Alarm	Attributes	Applicable major releases
Name: IK4013003 (4082) Type: equipmentAlarm (3) Package: lte Raised on class: lte.RFME	Severity: minor Specific problem: RFME OVER TEMP WARNING (908) Implicitly cleared: true Default probable cause: heatingOrVentilationOrCoolingSystemProblem (701)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This alarm indicates that the RFME ambient temperature is high.		
Impact: No impact on eNodeB.		
Remedial action: No action is required.		

Table 28-880 IK4013004 - RFME CRITICAL TEMP

Alarm	Attributes	Applicable major releases
Name: IK4013004 (4083) Type: equipmentAlarm (3) Package: lte Raised on class: lte.RFME	Severity: critical Specific problem: RFME CRITICAL TEMP (909) Implicitly cleared: true Default probable cause: heatingOrVentilationOrCoolingSystemProblem (701)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This alarm indicates that the RFME temperature is high.		
Impact: The module is not usable. The LTE cells associated with this module are not operational.		
Remedial action: Disable.		

Table 28-881 IK4013005 - RFME ST CRITICAL FAIL

Alarm	Attributes	Applicable major releases
Name: IK4013005 (4084) Type: equipmentAlarm (3) Package: lte Raised on class: lte.RFME	Severity: critical Specific problem: RFME ST CRITICAL FAIL (910) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This alarm indicates the RFME Hardware failure.		
Impact: The module is not usable. The LTE cells associated with this module are not operational.		
Remedial action: Init.		

Table 28-882 IK4013006 - RFME INIT FAILURE

Alarm	Attributes	Applicable major releases
Name: IK4013006 (4085) Type: equipmentAlarm (3) Package: lte Raised on class: lte.RFME	Severity: critical Specific problem: RFME INIT FAILURE (911) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This alarm indicates the RFME initialization failure.		
Impact: The module is not usable. The LTE cells associated with this module are not operational.		
Remedial action: Init.		

Table 28-883 IK4013008 - RFME SIGNAL QUALITY

Alarm	Attributes	Applicable major releases
Name: IK4013008 (4087) Type: equipmentAlarm (3) Package: lte Raised on class: lte.RFME	Severity: major Specific problem: RFME SIGNAL QUALITY (913) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This alarm indicates the RFME signal quality.		
Impact: The module is not usable. The LTE cells associated with this module may not be operational.		
Remedial action: No action is required.		

Table 28-884 IK4013009 - RFME INPUT VOLTAGE FAIL

Alarm	Attributes	Applicable major releases
Name: IK4013009 (4088) Type: equipmentAlarm (3) Package: lte Raised on class: lte.RFME	Severity: major Specific problem: RFME INPUT VOLTAGE FAIL (914) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This alarm indicates that the input voltage is very high or very low.		
Impact: If the RRH is not usable, the associated LTE cells are not operational.		
Remedial action: No action is required.		

Table 28-885 IK4013010 - RFME PWR CONVERTER FAIL

Alarm	Attributes	Applicable major releases
Name: IK4013010 (4089) Type: equipmentAlarm (3) Package: Ite Raised on class: Ite.RFME	Severity: critical Specific problem: RFME PWR CONVERTER FAIL (915) Implicitly cleared: true Default probable cause: powerProblem (911)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: The RFME internal power converter has failed.		
Impact: The module is not usable. The LTE cells associated with this module are not operational.		
Remedial action: Init.		

Table 28-886 IK4013011 - RFME CLOCK FAILURE

Alarm	Attributes	Applicable major releases
Name: IK4013011 (4090) Type: equipmentAlarm (3) Package: Ite Raised on class: Ite.RFME	Severity: critical Specific problem: RFME CLOCK FAILURE (916) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: The RFME cannot derive proper clock signal from the incoming CPRI link.		
Impact: The module is not usable. The LTE cells associated with this module are not operational.		
Remedial action: Init		

Table 28-887 IK4013012 - RFME RF SYNTH FAIL

Alarm	Attributes	Applicable major releases
Name: IK4013012 (4091) Type: equipmentAlarm (3) Package: Ite Raised on class: Ite.RFME	Severity: critical Specific problem: RFME RF SYNTH FAIL (917) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: The RFME internal frequency synthesizer is out of lock.		
Impact: The module is not usable. The LTE cells associated with this module are not operational.		
Remedial action: Init.		

Table 28-888 IK4013015 - RFME UNREADABLE MANUFACTURER DATA

Alarm	Attributes	Applicable major releases
Name: IK4013015 (4092) Type: equipmentAlarm (3) Package: Ite Raised on class: Ite.RFME	Severity: warning Specific problem: RFME UNREADABLE MANUFACTURER DATA (918) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This alarm indicates the failure to read the manufacturer data.		
Impact: Cells related to RRH are out of service.		
Remedial action: Init		

Table 28-889 IK4013016 - RFME FAULT DOWNLOAD FAILURE

Alarm	Attributes	Applicable major releases
Name: IK4013016 (4093) Type: equipmentAlarm (3) Package: Ite Raised on class: Ite.RFME	Severity: minor Specific problem: RFME FAULT DOWNLOAD FAILURE (919) Implicitly cleared: true Default probable cause: softwareProgramError (720)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This alarm indicates a software download failure.		
Impact: No impact on eNodeB.		
Remedial action: No action is required.		

Table 28-890 IK4013017 - RFME BIST PARTIAL

Alarm	Attributes	Applicable major releases
Name: IK4013017 (4094) Type: equipmentAlarm (3) Package: Ite Raised on class: Ite.RFME	Severity: major Specific problem: RFME BIST PARTIAL (920) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This alarm indicates that at least one failure was detected during power on self-test, but the unit may still be functional, though in a degraded state.		
Impact: The eNodeB performance is low.		
Remedial action: No action is required.		

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Table 28-891 IK4013018 - RFME LINK LOF PORT1

Alarm	Attributes	Applicable major releases
Name: IK4013018 (4095) Type: equipmentAlarm (3) Package: Ite Raised on class: Ite.RFME	Severity: major Specific problem: RFME LINK LOF PORT1 (921) Implicitly cleared: true Default probable cause: inputDeviceError (704)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This alarm indicates that framing cannot be recovered at the slave link port. This alarm is enabled only after the link is established.		
Impact: Possibly repetitions at higher levels. The capacity of the module can be reduced.		
Remedial action: No action is required.		

Table 28-892 IK4013019 - RFME LINK LOF PORT2

Alarm	Attributes	Applicable major releases
Name: IK4013019 (4096) Type: equipmentAlarm (3) Package: Ite Raised on class: Ite.RFME	Severity: major Specific problem: RFME LINK LOF PORT2 (922) Implicitly cleared: true Default probable cause: inputDeviceError (704)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This alarm indicates that framing cannot be recovered at the slave link port. This alarm is enabled only after the link is established.		
Impact: Possibly repetitions at higher levels. The capacity of the module can be reduced.		
Remedial action: No action is required.		

Table 28-893 IK4013020 - RFME LINK LOF PORT3

Alarm	Attributes	Applicable major releases
Name: IK4013020 (4097) Type: equipmentAlarm (3) Package: Ite Raised on class: Ite.RFME	Severity: major Specific problem: RFME LINK LOF PORT3 (923) Implicitly cleared: true Default probable cause: inputDeviceError (704)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This alarm indicates that framing cannot be recovered at the slave link port. This alarm is enabled only after the link is established.		
Impact: Possibly repetitions at higher levels. The capacity of the module can be reduced.		
Remedial action: No action is required.		

Table 28-894 IK4013021 - RFME LINK LOS PORT1

Alarm	Attributes	Applicable major releases
Name: IK4013021 (4098) Type: equipmentAlarm (3) Package: lte Raised on class: lte.RFME	Severity: major Specific problem: RFME LINK LOS PORT1 (924) Implicitly cleared: true Default probable cause: inputDeviceError (704)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This alarm indicates that no signal is detected at the link port. This alarm is enabled only after the link is established.		
Impact: Possibly repetitions at higher levels. The capacity of the module can be reduced.		
Remedial action: No action is required.		

Table 28-895 IK4013022 - RFME LINK LOS PORT2

Alarm	Attributes	Applicable major releases
Name: IK4013022 (4099) Type: equipmentAlarm (3) Package: lte Raised on class: lte.RFME	Severity: major Specific problem: RFME LINK LOS PORT2 (925) Implicitly cleared: true Default probable cause: inputDeviceError (704)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This alarm indicates that no signal is detected at the link port. This alarm is enabled only after the link is established.		
Impact: Possibly repetitions at higher levels. The capacity of the module can be reduced.		
Remedial action: No action is required.		

Table 28-896 IK4013023 - RFME LINK LOS PORT3

Alarm	Attributes	Applicable major releases
Name: IK4013023 (4100) Type: equipmentAlarm (3) Package: lte Raised on class: lte.RFME	Severity: major Specific problem: RFME LINK LOS PORT3 (926) Implicitly cleared: true Default probable cause: inputDeviceError (704)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This alarm indicates that no signal is detected at the link port. This alarm is enabled only after the link is established.		
Impact: Possibly repetitions at higher levels. The capacity of the module can be reduced.		
Remedial action: No action is required.		

Table 28-897 IK4013024 - RFME LINK RAI PORT1

Alarm	Attributes	Applicable major releases
Name: IK4013024 (4101) Type: equipmentAlarm (3) Package: Ite Raised on class: Ite.RFME	Severity: major Specific problem: RFME LINK RAI PORT1 (927) Implicitly cleared: true Default probable cause: inputDeviceError (704)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This alarm indicates that the incoming slave link RAI bit is set.		
Impact: Possibly repetitions at higher levels. The capacity of the module can be reduced.		
Remedial action: No action is required.		

Table 28-898 IK4013025 - RFME LINK RAI PORT2

Alarm	Attributes	Applicable major releases
Name: IK4013025 (4102) Type: equipmentAlarm (3) Package: Ite Raised on class: Ite.RFME	Severity: major Specific problem: RFME LINK RAI PORT2 (928) Implicitly cleared: true Default probable cause: inputDeviceError (704)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This alarm indicates that the incoming slave link RAI bit is set.		
Impact: Possibly repetitions at higher levels. The capacity of the module can be reduced.		
Remedial action: No action is required.		

Table 28-899 IK4013026 - RFME LINK RAI PORT3

Alarm	Attributes	Applicable major releases
Name: IK4013026 (4103) Type: equipmentAlarm (3) Package: Ite Raised on class: Ite.RFME	Severity: major Specific problem: RFME LINK RAI PORT3 (929) Implicitly cleared: true Default probable cause: inputDeviceError (704)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This alarm indicates that the incoming slave link RAI bit is set.		
Impact: Possibly repetitions at higher levels. The capacity of the module can be reduced.		
Remedial action: No action is required.		

Table 28-900 IK4013027 - RFME SIGNAL LOW PORT1

Alarm	Attributes	Applicable major releases
Name: IK4013027 (4104) Type: equipmentAlarm (3) Package: lte Raised on class: lte.RFME	Severity: minor Specific problem: RFME SIGNAL LOW PORT1 (930) Implicitly cleared: true Default probable cause: inputDeviceError (704)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This alarm indicates that the optical signal strength is very low on the slave link port.		
Impact: No impact on eNodeB.		
Remedial action: No action is required.		

Table 28-901 IK4013028 - RFME SIGNAL LOW PORT2

Alarm	Attributes	Applicable major releases
Name: IK4013028 (4105) Type: equipmentAlarm (3) Package: lte Raised on class: lte.RFME	Severity: minor Specific problem: RFME SIGNAL LOW PORT2 (931) Implicitly cleared: true Default probable cause: inputDeviceError (704)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This alarm indicates that the optical signal strength is very low on the slave link port.		
Impact: No impact on eNodeB.		
Remedial action: No action is required.		

Table 28-902 IK4013029 - RFME SIGNAL LOW PORT3

Alarm	Attributes	Applicable major releases
Name: IK4013029 (4106) Type: equipmentAlarm (3) Package: lte Raised on class: lte.RFME	Severity: minor Specific problem: RFME SIGNAL LOW PORT3 (932) Implicitly cleared: true Default probable cause: inputDeviceError (704)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This alarm indicates that the optical signal strength is very low on the slave link port.		
Impact: No impact on eNodeB.		
Remedial action: No action is required.		

Table 28-903 IK4013030 - RFME BER PORT1

Alarm	Attributes	Applicable major releases
Name: IK4013030 (4107) Type: equipmentAlarm (3) Package: lte Raised on class: lte.RFME	Severity: minor Specific problem: RFME BER PORT1 (933) Implicitly cleared: true Default probable cause: inputDeviceError (704)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This alarm indicates excessive bit errors on the CPRI link.		
Impact: No impact on eNodeB.		
Remedial action: No action is required.		

Table 28-904 IK4013031 - RFME BER PORT2

Alarm	Attributes	Applicable major releases
Name: IK4013031 (4108) Type: equipmentAlarm (3) Package: lte Raised on class: lte.RFME	Severity: minor Specific problem: RFME BER PORT2 (934) Implicitly cleared: true Default probable cause: inputDeviceError (704)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This alarm indicates excessive bit errors on the CPRI link.		
Impact: No impact on eNodeB.		
Remedial action: No action is required.		

Table 28-905 IK4013032 - RFME BER PORT3

Alarm	Attributes	Applicable major releases
Name: IK4013032 (4109) Type: equipmentAlarm (3) Package: lte Raised on class: lte.RFME	Severity: minor Specific problem: RFME BER PORT3 (935) Implicitly cleared: true Default probable cause: inputDeviceError (704)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This alarm indicates excessive bit errors on the CPRI link.		
Impact: No impact on eNodeB.		
Remedial action: No action is required.		

Table 28-906 IK4013033 - RFME SIGNAL SDI PORT1

Alarm	Attributes	Applicable major releases
Name: IK4013033 (4110) Type: equipmentAlarm (3) Package: lte Raised on class: lte.RFME	Severity: major Specific problem: RFME SIGNAL SDI PORT1 (936) Implicitly cleared: true Default probable cause: inputDeviceError (704)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This alarm indicates that the incoming CPRI link SDI bit is set.		
Impact: No impact on eNodeB.		
Remedial action: No action is required.		

Table 28-907 IK4013034 - RFME SIGNAL SDI PORT2

Alarm	Attributes	Applicable major releases
Name: IK4013034 (4111) Type: equipmentAlarm (3) Package: lte Raised on class: lte.RFME	Severity: major Specific problem: RFME SIGNAL SDI PORT2 (937) Implicitly cleared: true Default probable cause: inputDeviceError (704)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This alarm indicates that the incoming CPRI link SDI bit is set.		
Impact: No impact on eNodeB.		
Remedial action: No action is required.		

Table 28-908 IK4013035 - RFME SIGNAL SDI PORT3

Alarm	Attributes	Applicable major releases
Name: IK4013035 (4112) Type: equipmentAlarm (3) Package: lte Raised on class: lte.RFME	Severity: major Specific problem: RFME SIGNAL SDI PORT3 (938) Implicitly cleared: true Default probable cause: inputDeviceError (704)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This alarm indicates that the incoming CPRI link SDI bit is set.		
Impact: No impact on eNodeB.		
Remedial action: No action is required.		

Table 28-909 IK4013036 - RFME MESSAGE THROTTLING

Alarm	Attributes	Applicable major releases
Name: IK4013036 (4113) Type: equipmentAlarm (3) Package: Ite Raised on class: Ite.RFME	Severity: minor Specific problem: RFME MESSAGE THROTTLING (939) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This alarm indicates the RF is generating too many messages over the CPRI link.		
Impact: No impact on eNodeB.		
Remedial action: No action is required.		

Table 28-910 IK4013037 - RFME FAULT 1

Alarm	Attributes	Applicable major releases
Name: IK4013037 (4114) Type: equipmentAlarm (3) Package: Ite Raised on class: Ite.RFME	Severity: minor Specific problem: RFME FAULT 1 (940) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: Provisioned for late churn-in. Unspecified RFME fault detected		
Impact: Check the additional info for impact details.		
Remedial action: No action is required.		

Table 28-911 IK4013038 - RFME FAULT 2

Alarm	Attributes	Applicable major releases
Name: IK4013038 (4115) Type: equipmentAlarm (3) Package: Ite Raised on class: Ite.RFME	Severity: minor Specific problem: RFME FAULT 2 (941) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: Provisioned for late churn-in. Unspecified RFME fault detected		
Impact: Check the additional info for impact details.		
Remedial action: No action is required.		

Table 28-912 IK4013039 - RFME FAULT 3

Alarm	Attributes	Applicable major releases
Name: IK4013039 (4116) Type: equipmentAlarm (3) Package: Ite Raised on class: Ite.RFME	Severity: minor Specific problem: RFME FAULT 3 (942) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: Provisioned for late churn-in. Unspecified RFME fault detected		
Impact: Check the additional info for impact details.		
Remedial action: No action is required.		

Table 28-913 IK4013040 - RFME FAULT 4

Alarm	Attributes	Applicable major releases
Name: IK4013040 (4117) Type: equipmentAlarm (3) Package: Ite Raised on class: Ite.RFME	Severity: minor Specific problem: RFME FAULT 4 (943) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: Provisioned for late churn-in. Unspecified RFME fault detected		
Impact: Check the additional info for impact details.		
Remedial action: No action is required.		

Table 28-914 IK4013041 - RFME FAULT 5

Alarm	Attributes	Applicable major releases
Name: IK4013041 (4118) Type: equipmentAlarm (3) Package: Ite Raised on class: Ite.RFME	Severity: minor Specific problem: RFME FAULT 5 (944) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: Provisioned for late churn-in. Unspecified RFME fault detected		
Impact: Check the additional info for impact details.		
Remedial action: No action is required.		

Table 28-915 IK4014001 - MEDO DETECTION FAILURE

Alarm	Attributes	Applicable major releases
Name: IK4014001 (4701) Type: equipmentAlarm (3) Package: Ite Raised on class: Ite.ENBEquipment	Severity: critical Specific problem: MEDO DETECTION FAILURE (947) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This alarm indicates the failure to detect the presence of MEDO.		
Impact: OAM: Metro Dock reporting degraded. May impact Telecom Service		
Remedial action: Call the next level of support.		

Table 28-916 IK4014002 - MEDO MEMORY ACCES FAILURE

Alarm	Attributes	Applicable major releases
Name: IK4014002 (4702) Type: equipmentAlarm (3) Package: Ite Raised on class: Ite.ENBEquipment	Severity: minor Specific problem: MEDO MEMORY ACCES FAILURE (948) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR13.3
Description: This alarm indicates the failure to access the EEPROM on the Metro Dock		
Impact: OAM: Metro Dock reporting degraded no impact on Telecom Service		
Remedial action: Call the next level of support.		

Table 28-917 IK4014003 - MEDO UNREADABLE MANUFACTURER DATA

Alarm	Attributes	Applicable major releases
Name: IK4014003 (4703) Type: equipmentAlarm (3) Package: Ite Raised on class: Ite.ENBEquipment	Severity: minor Specific problem: MEDO UNREADABLE MANUFACTURER DATA (949) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This alarm indicates the failure to read the manufacturer data.		
Impact: OAM: Metro Dock reporting degraded no impact on Telecom Service		
Remedial action: Call the next level of support.		

Table 28-918 IK4014007 - MEDO FAULT 4

Alarm	Attributes	Applicable major releases
Name: IK4014007 (4704) Type: equipmentAlarm (3) Package: Ite Raised on class: Ite.ENBEquipment	Severity: minor Specific problem: MEDO FAULT 4 (950) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: Provisioned for late churn-in. This is a spare alarm for MEDO for future use.		
Impact: Refer to additional information in the alarm report.		
Remedial action: Refer to additional information in the alarm report.		

Table 28-919 IK4014008 - MEDO FAULT 5

Alarm	Attributes	Applicable major releases
Name: IK4014008 (4705) Type: equipmentAlarm (3) Package: Ite Raised on class: Ite.ENBEquipment	Severity: minor Specific problem: MEDO FAULT 5 (951) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: Provisioned for late churn-in. This is a spare alarm for MEDO for future use.		
Impact: Refer to additional information in the alarm report.		
Remedial action: Refer to additional information in the alarm report.		

Table 28-920 IK4014009 - MEDO MEMORY ACCESS FAILURE

Alarm	Attributes	Applicable major releases
Name: IK4014009 (4998) Type: equipmentAlarm (3) Package: Ite Raised on class: Ite.ENBEquipment	Severity: minor Specific problem: MEDO MEMORY ACCESS FAILURE (952) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This alarm indicates the failure to access the EEPROM on the Metro Dock		
Impact: OAM: Metro Dock reporting degraded no impact on Telecom Service		
Remedial action: Call the next level of support.		

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Table 28-921 IK4015000 - BB FAILURE SLAVE SOC 2

Alarm	Attributes	Applicable major releases
Name: IK4015000 (5240) Type: equipmentAlarm (3) Package: lte Raised on class: lte.BBCardSpecifics	Severity: critical Specific problem: BB FAILURE SLAVE SOC 2 (953) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR14.1.L • LR14.3.L
Description: This alarm indicates a failure of a Slave SOC.		
Impact: LTE service is not possible on this BB SOC.		
Remedial action: The faulty unit is automatically reset to attempt to clear the fault. Replace the BB If the problem persists.		

Table 28-922 IK4015001 - BB FAILURE SLAVE SOC 3

Alarm	Attributes	Applicable major releases
Name: IK4015001 (5241) Type: equipmentAlarm (3) Package: lte Raised on class: lte.BBCardSpecifics	Severity: critical Specific problem: BB FAILURE SLAVE SOC 3 (954) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR14.1.L • LR14.3.L
Description: This alarm indicates a failure of a Slave SOC.		
Impact: LTE service is not possible on this BB SOC.		
Remedial action: The faulty unit is automatically reset to attempt to clear the fault. Replace the BB If the problem persists.		

Table 28-923 IK4015002 - BB CARD FAILURE

Alarm	Attributes	Applicable major releases
Name: IK4015002 (5242) Type: equipmentAlarm (3) Package: lte Raised on class: lte.BBCardSpecifics	Severity: critical Specific problem: BB CARD FAILURE (955) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR14.1.L • LR14.3.L
Description: This alarm indicates a failure of modem board.		
Impact: LTE service is not possible on this BB.		
Remedial action: The modem board is automatically reset to attempt to clear the fault. Replace the BB If the problem persists.		

Table 28-924 IK4015007 - BB TRANS LSL CPRIPORT 1

Alarm	Attributes	Applicable major releases
Name: IK4015007 (5243) Type: equipmentAlarm (3) Package: Ite Raised on class: Ite.BBCardSpecifics	Severity: minor Specific problem: BB TRANS LSL CPRIPORT 1 (956) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR14.1.L • LR14.3.L
Description: The incoming optical signal level for this CPRI port is very low.		
Impact: No impact on eNodeB.		
Remedial action: Check the CPRI link connections, cables, and SFPs and replace as necessary.		

Table 28-925 IK4015008 - BB TRANS LSL CPRIPORT 2

Alarm	Attributes	Applicable major releases
Name: IK4015008 (5244) Type: equipmentAlarm (3) Package: Ite Raised on class: Ite.BBCardSpecifics	Severity: minor Specific problem: BB TRANS LSL CPRIPORT 2 (957) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR14.1.L • LR14.3.L
Description: The incoming optical signal level for this CPRI port is very low.		
Impact: No impact on eNodeB.		
Remedial action: Check the CPRI link connections, cables, and SFPs and replace as necessary.		

Table 28-926 IK4015009 - BB TRANS LSL CPRIPORT 3

Alarm	Attributes	Applicable major releases
Name: IK4015009 (5245) Type: equipmentAlarm (3) Package: Ite Raised on class: Ite.BBCardSpecifics	Severity: minor Specific problem: BB TRANS LSL CPRIPORT 3 (958) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR14.1.L • LR14.3.L
Description: The incoming optical signal level for this CPRI port is very low.		
Impact: No impact on eNodeB.		
Remedial action: Check the CPRI link connections, cables, and SFPs and replace as necessary.		

Table 28-927 IK4015010 - BB TRANS LSL CPRIPORT 4

Alarm	Attributes	Applicable major releases
Name: IK4015010 (5246) Type: equipmentAlarm (3) Package: Ite Raised on class: Ite.BBCardSpecifics	Severity: minor Specific problem: BB TRANS LSL CPRIPORT 4 (959) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR14.1.L • LR14.3.L
Description: The incoming optical signal level for this CPRI port is very low.		
Impact: No impact on eNodeB.		
Remedial action: Check the CPRI link connections, cables, and SFPs and replace as necessary.		

Table 28-928 IK4015011 - BB TRANS LSL CPRIPORT 5

Alarm	Attributes	Applicable major releases
Name: IK4015011 (5247) Type: equipmentAlarm (3) Package: Ite Raised on class: Ite.BBCardSpecifics	Severity: minor Specific problem: BB TRANS LSL CPRIPORT 5 (960) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR14.1.L • LR14.3.L
Description: The incoming optical signal level for this CPRI port is very low.		
Impact: No impact on eNodeB.		
Remedial action: Check the CPRI link connections, cables, and SFPs and replace as necessary.		

Table 28-929 IK4015012 - BB TRANS LSL CPRIPORT 6

Alarm	Attributes	Applicable major releases
Name: IK4015012 (5248) Type: equipmentAlarm (3) Package: Ite Raised on class: Ite.BBCardSpecifics	Severity: minor Specific problem: BB TRANS LSL CPRIPORT 6 (961) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR14.1.L • LR14.3.L
Description: The incoming optical signal level for this CPRI port is very low.		
Impact: No impact on eNodeB.		
Remedial action: Check the CPRI link connections, cables, and SFPs and replace as necessary.		

Table 28-930 IK4015013 - BB LOS LOF CPRIPORT 1

Alarm	Attributes	Applicable major releases
Name: IK4015013 (5249) Type: equipmentAlarm (3) Package: lte Raised on class: lte.BBCardSpecifics	Severity: major Specific problem: BB LOS LOF CPRIPORT 1 (962) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR14.1.L • LR14.3.L
Description: This alarm indicates the CPRI link from the first RFM on this port has failed (Loss of signal and/or loss of framing)		
Impact: Impacts the LTE service.		
Remedial action: Check the CPRI link cable and SFPs (BB and RFM) for failures, otherwise reset the RFM or reset the BB		

Table 28-931 IK4015014 - BB LOS LOF CPRIPORT 2

Alarm	Attributes	Applicable major releases
Name: IK4015014 (5250) Type: equipmentAlarm (3) Package: lte Raised on class: lte.BBCardSpecifics	Severity: major Specific problem: BB LOS LOF CPRIPORT 2 (963) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR14.1.L • LR14.3.L
Description: This alarm indicates the CPRI link from the first RFM on this port has failed (Loss of signal and/or loss of framing)		
Impact: Impacts the LTE service.		
Remedial action: Check the CPRI link cable and SFPs (BB and RFM) for failures, otherwise reset the RFM or reset the BB		

Table 28-932 IK4015015 - BB LOS LOF CPRIPORT 3

Alarm	Attributes	Applicable major releases
Name: IK4015015 (5251) Type: equipmentAlarm (3) Package: lte Raised on class: lte.BBCardSpecifics	Severity: major Specific problem: BB LOS LOF CPRIPORT 3 (964) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR14.1.L • LR14.3.L
Description: This alarm indicates the CPRI link from the first RFM on this port has failed (Loss of signal and/or loss of framing)		
Impact: Impacts the LTE service.		
Remedial action: Check the CPRI link cable and SFPs (BB and RFM) for failures, otherwise reset the RFM or reset the BB		

Table 28-933 IK4015016 - BB LOS LOF CPRIPORT 4

Alarm	Attributes	Applicable major releases
Name: IK4015016 (5252) Type: equipmentAlarm (3) Package: lte Raised on class: lte.BBCardSpecifics	Severity: major Specific problem: BB LOS LOF CPRIPORT 4 (965) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR14.1.L • LR14.3.L
Description: This alarm indicates the CPRI link from the first RFM on this port has failed (Loss of signal and/or loss of framing)		
Impact: Impacts the LTE service.		
Remedial action: Check the CPRI link cable and SFPs (BB and RFM) for failures, otherwise reset the RFM or reset the BB		

Table 28-934 IK4015017 - BB LOS LOF CPRIPORT 5

Alarm	Attributes	Applicable major releases
Name: IK4015017 (5253) Type: equipmentAlarm (3) Package: lte Raised on class: lte.BBCardSpecifics	Severity: major Specific problem: BB LOS LOF CPRIPORT 5 (966) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR14.1.L • LR14.3.L
Description: This alarm indicates the CPRI link from the first RFM on this port has failed (Loss of signal and/or loss of framing)		
Impact: Impacts the LTE service.		
Remedial action: Check the CPRI link cable and SFPs (BB and RFM) for failures, otherwise reset the RFM or reset the BB		

Table 28-935 IK4015018 - BB LOS LOF CPRIPORT 6

Alarm	Attributes	Applicable major releases
Name: IK4015018 (5254) Type: equipmentAlarm (3) Package: lte Raised on class: lte.BBCardSpecifics	Severity: major Specific problem: BB LOS LOF CPRIPORT 6 (967) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR14.1.L • LR14.3.L
Description: This alarm indicates the CPRI link from the first RFM on this port has failed (Loss of signal and/or loss of framing)		
Impact: Impacts the LTE service.		
Remedial action: Check the CPRI link cable and SFPs (BB and RFM) for failures, otherwise reset the RFM or reset the BB		

Table 28-936 IK4015019 - BB TRANS TX FAILURE CPRIPORT 1

Alarm	Attributes	Applicable major releases
Name: IK4015019 (5255) Type: equipmentAlarm (3) Package: lte Raised on class: lte.BBCardSpecifics	Severity: major Specific problem: BB TRANS TX FAILURE CPRIPORT 1 (968) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR14.1.L • LR14.3.L
Description: This alarm indicates a failure in the BB CPRI port transmitter.		
Impact: Impacts the LTE service.		
Remedial action: Replace the SFP for this port.		

Table 28-937 IK4015020 - BB TRANS TX FAILURE CPRIPORT 2

Alarm	Attributes	Applicable major releases
Name: IK4015020 (5256) Type: equipmentAlarm (3) Package: lte Raised on class: lte.BBCardSpecifics	Severity: major Specific problem: BB TRANS TX FAILURE CPRIPORT 2 (969) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR14.1.L • LR14.3.L
Description: This alarm indicates a failure in the BB CPRI port transmitter.		
Impact: Impacts the LTE service.		
Remedial action: Replace the SFP for this port.		

Table 28-938 IK4015021 - BB TRANS TX FAILURE CPRIPORT 3

Alarm	Attributes	Applicable major releases
Name: IK4015021 (5257) Type: equipmentAlarm (3) Package: lte Raised on class: lte.BBCardSpecifics	Severity: major Specific problem: BB TRANS TX FAILURE CPRIPORT 3 (970) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR14.1.L • LR14.3.L
Description: This alarm indicates a failure in the BB CPRI port transmitter.		
Impact: Impacts the LTE service.		
Remedial action: Replace the SFP for this port.		

Table 28-939 IK4015022 - BB TRANS TX FAILURE CPRIPORT 4

Alarm	Attributes	Applicable major releases
Name: IK4015022 (5258) Type: equipmentAlarm (3) Package: lte Raised on class: lte.BBCardSpecifics	Severity: major Specific problem: BB TRANS TX FAILURE CPRIPORT 4 (971) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR14.1.L • LR14.3.L
Description: This alarm indicates a failure in the BB CPRI port transmitter.		
Impact: Impacts the LTE service.		
Remedial action: Replace the SFP for this port.		

Table 28-940 IK4015023 - BB TRANS TX FAILURE CPRIPORT 5

Alarm	Attributes	Applicable major releases
Name: IK4015023 (5259) Type: equipmentAlarm (3) Package: lte Raised on class: lte.BBCardSpecifics	Severity: major Specific problem: BB TRANS TX FAILURE CPRIPORT 5 (972) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR14.1.L • LR14.3.L
Description: This alarm indicates a failure in the BB CPRI port transmitter.		
Impact: Impacts the LTE service.		
Remedial action: Replace the SFP for this port.		

Table 28-941 IK4015024 - BB TRANS TX FAILURE CPRIPORT 6

Alarm	Attributes	Applicable major releases
Name: IK4015024 (5260) Type: equipmentAlarm (3) Package: lte Raised on class: lte.BBCardSpecifics	Severity: major Specific problem: BB TRANS TX FAILURE CPRIPORT 6 (973) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR14.1.L • LR14.3.L
Description: This alarm indicates a failure in the BB CPRI port transmitter.		
Impact: Impacts the LTE service.		
Remedial action: Replace the SFP for this port.		

Table 28-942 IK4015025 - BB TRANS RX LOS CPRIPORT 1

Alarm	Attributes	Applicable major releases
Name: IK4015025 (5261) Type: equipmentAlarm (3) Package: lte Raised on class: lte.BBCardSpecifics	Severity: minor Specific problem: BB TRANS RX LOS CPRIPORT 1 (974) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR14.1.L • LR14.3.L
Description: No CPRI signal is received at this CPRI port.		
Impact: No impact on eNodeB.		
Remedial action: Check the CPRI cable and connections, replace the SFP (RFM or BB end), verify the RFM is operating.		

Table 28-943 IK4015026 - BB TRANS RX LOS CPRIPORT 2

Alarm	Attributes	Applicable major releases
Name: IK4015026 (5262) Type: equipmentAlarm (3) Package: lte Raised on class: lte.BBCardSpecifics	Severity: minor Specific problem: BB TRANS RX LOS CPRIPORT 2 (975) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR14.1.L • LR14.3.L
Description: No CPRI signal is received at this CPRI port.		
Impact: No impact on eNodeB.		
Remedial action: Check the CPRI cable and connections, replace the SFP (RFM or BB end), verify the RFM is operating.		

Table 28-944 IK4015027 - BB TRANS RX LOS CPRIPORT 3

Alarm	Attributes	Applicable major releases
Name: IK4015027 (5263) Type: equipmentAlarm (3) Package: lte Raised on class: lte.BBCardSpecifics	Severity: minor Specific problem: BB TRANS RX LOS CPRIPORT 3 (976) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR14.1.L • LR14.3.L
Description: No CPRI signal is received at this CPRI port.		
Impact: No impact on eNodeB.		
Remedial action: Check the CPRI cable and connections, replace the SFP (RFM or BB end), verify the RFM is operating.		

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Table 28-945 IK4015028 - BB TRANS RX LOS CPRI PORT 4

Alarm	Attributes	Applicable major releases
Name: IK4015028 (5264) Type: equipmentAlarm (3) Package: lte Raised on class: lte.BBCardSpecifics	Severity: minor Specific problem: BB TRANS RX LOS CPRI PORT 4 (977) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR14.1.L • LR14.3.L
Description: No CPRI signal is received at this CPRI port.		
Impact: No impact on eNodeB.		
Remedial action: Check the CPRI cable and connections, replace the SFP (RFM or BB end), verify the RFM is operating.		

Table 28-946 IK4015029 - BB TRANS RX LOS CPRI PORT 5

Alarm	Attributes	Applicable major releases
Name: IK4015029 (5265) Type: equipmentAlarm (3) Package: lte Raised on class: lte.BBCardSpecifics	Severity: minor Specific problem: BB TRANS RX LOS CPRI PORT 5 (978) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR14.1.L • LR14.3.L
Description: No CPRI signal is received at this CPRI port.		
Impact: No impact on eNodeB.		
Remedial action: Check the CPRI cable and connections, replace the SFP (RFM or BB end), verify the RFM is operating.		

Table 28-947 IK4015030 - BB TRANS RX LOS CPRI PORT 6

Alarm	Attributes	Applicable major releases
Name: IK4015030 (5266) Type: equipmentAlarm (3) Package: lte Raised on class: lte.BBCardSpecifics	Severity: minor Specific problem: BB TRANS RX LOS CPRI PORT 6 (979) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR14.1.L • LR14.3.L
Description: No CPRI signal is received at this CPRI port.		
Impact: No impact on eNodeB.		
Remedial action: Check the CPRI cable and connections, replace the SFP (RFM or BB end), verify the RFM is operating.		

Table 28-948 IK4015031 - BB ALL CPRIPORTS FAILED

Alarm	Attributes	Applicable major releases
Name: IK4015031 (5267) Type: equipmentAlarm (3) Package: lte Raised on class: lte.BBCardSpecifics	Severity: critical Specific problem: BB ALL CPRIPORTS FAILED (980) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR14.1.L • LR14.3.L
Description: This alarm indicates the failure of all CPRI ports.		
Impact: The LTE service is not possible on this BB		
Remedial action: Replace the BB if the problem persists		

Table 28-949 IK4016000 - BB INDETERMINATE OPERATIONAL FAILURE SOC 1

Alarm	Attributes	Applicable major releases
Name: IK4016000 (5268) Type: equipmentAlarm (3) Package: lte Raised on class: lte.BBCardSpecifics	Severity: critical Specific problem: BB INDETERMINATE OPERATIONAL FAILURE SOC 1 (981) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR14.1.L • LR14.3.L
Description: This alarm indicates that a SOC modem failure of a modem board has been detected that cannot be described by any specific alarm.		
Impact: LTE service is not possible on this BB SOC		
Remedial action: The faulty unit is automatically reset to attempt to clear the fault. If the problem persists then reset the BB.		

Table 28-950 IK4016001 - BB INIT FAILURE SOC 1

Alarm	Attributes	Applicable major releases
Name: IK4016001 (5269) Type: equipmentAlarm (3) Package: lte Raised on class: lte.BBCardSpecifics	Severity: critical Specific problem: BB INIT FAILURE SOC 1 (982) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR14.1.L • LR14.3.L
Description: This alarm indicates a failure to initialize a SOC of a modem board.		
Impact: The LTE service is not possible on this BB SOC		
Remedial action: The faulty unit is automatically reset to attempt to clear the fault. If the problem persists then reset the BB.		

Table 28-951 IK4016002 - BB L1 HARDWARE FAIL SOC 1

Alarm	Attributes	Applicable major releases
Name: IK4016002 (5270) Type: equipmentAlarm (3) Package: lte Raised on class: lte.BBCardSpecifics	Severity: critical Specific problem: BB L1 HARDWARE FAIL SOC 1 (983) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR14.1.L • LR14.3.L
Description: This alarm indicates a Layer 1 hardware or a CPRI configuration failure.		
Impact: LTE service is not possible on this CB SOC.		
Remedial action: The faulty unit is automatically reset to attempt to clear the fault. If the problem persists then reset the BB.		

Table 28-952 IK4016003 - BB L1 SOFTWARE FAIL SOC-SLICE 1-1

Alarm	Attributes	Applicable major releases
Name: IK4016003 (5271) Type: processingErrorAlarm (81) Package: lte Raised on class: lte.BBCardSpecifics	Severity: major Specific problem: BB L1 SOFTWARE FAIL SOC-SLICE 1-1 (984) Implicitly cleared: true Default probable cause: softwareProgramError (720)	<ul style="list-style-type: none"> • LR14.1.L • LR14.3.L
Description: This alarm indicates a software failure on a BB SOC unit.		
Impact: LTE service is not possible on this BB SOC slice.		
Remedial action: The faulty unit is automatically reset to attempt to clear the fault. If the problem persists then reset the BB.		

Table 28-953 IK4016004 - BB L1 SOFTWARE FAIL SOC-SLICE 1-2

Alarm	Attributes	Applicable major releases
Name: IK4016004 (5272) Type: processingErrorAlarm (81) Package: lte Raised on class: lte.BBCardSpecifics	Severity: major Specific problem: BB L1 SOFTWARE FAIL SOC-SLICE 1-2 (985) Implicitly cleared: true Default probable cause: softwareProgramError (720)	<ul style="list-style-type: none"> • LR14.1.L • LR14.3.L
Description: This alarm indicates a software failure on a BB SOC unit.		
Impact: LTE service is not possible on this BB SOC slice.		
Remedial action: The faulty unit is automatically reset to attempt to clear the fault. If the problem persists then reset the BB.		

Table 28-954 IK4016005 - BB L1 SOFTWARE WARNING SOC-SLICE 1-1

Alarm	Attributes	Applicable major releases
Name: IK4016005 (5273) Type: processingErrorAlarm (81) Package: Ite Raised on class: Ite.BBCardSpecifics	Severity: warning Specific problem: BB L1 SOFTWARE WARNING SOC-SLICE 1-1 (986) Implicitly cleared: true Default probable cause: softwareProgramError (720)	<ul style="list-style-type: none"> • LR14.1.L • LR14.3.L
Description: This alarm indicates a software warning on a BB SOC unit.		
Impact: No impact on eNodeB.		
Remedial action: No action is required.		

Table 28-955 IK4016006 - BB L1 SOFTWARE WARNING SOC-SLICE 1-2

Alarm	Attributes	Applicable major releases
Name: IK4016006 (5274) Type: processingErrorAlarm (81) Package: Ite Raised on class: Ite.BBCardSpecifics	Severity: warning Specific problem: BB L1 SOFTWARE WARNING SOC-SLICE 1-2 (987) Implicitly cleared: true Default probable cause: softwareProgramError (720)	<ul style="list-style-type: none"> • LR14.1.L • LR14.3.L
Description: This alarm indicates a software warning on a BB SOC unit.		
Impact: No impact on eNodeB.		
Remedial action: No action is required.		

Table 28-956 IK4016007 - BB MODEM CELL RESOURCES FAILURE SOC 1

Alarm	Attributes	Applicable major releases
Name: IK4016007 (5275) Type: equipmentAlarm (3) Package: Ite Raised on class: Ite.BBCardSpecifics	Severity: critical Specific problem: BB MODEM CELL RESOURCES FAILURE SOC 1 (988) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR14.1.L • LR14.3.L
Description: This alarm indicates a modem physical cell failure.		
Impact: LTE service is not possible on this BB SOC.		
Remedial action: The faulty unit is automatically reset to attempt to clear the fault. If the problem persists then reset the BB.		

Table 28-957 IK4016008 - BB L2 SOFTWARE FAIL SOC-SLICE 1-1

Alarm	Attributes	Applicable major releases
Name: IK4016008 (5276) Type: processingErrorAlarm (81) Package: lte Raised on class: lte.BBCardSpecifics	Severity: major Specific problem: BB L2 SOFTWARE FAIL SOC-SLICE 1-1 (989) Implicitly cleared: true Default probable cause: softwareProgramError (720)	<ul style="list-style-type: none"> • LR14.1.L • LR14.3.L
Description: This alarm indicates a software failure on a BB SOC unit.		
Impact: LTE service is not possible on this BB SOC slice.		
Remedial action: The faulty unit is automatically reset to attempt to clear the fault. If the problem persists then reset the BB.		

Table 28-958 IK4016009 - BB L2 SOFTWARE FAIL SOC-SLICE 1-2

Alarm	Attributes	Applicable major releases
Name: IK4016009 (5277) Type: processingErrorAlarm (81) Package: lte Raised on class: lte.BBCardSpecifics	Severity: major Specific problem: BB L2 SOFTWARE FAIL SOC-SLICE 1-2 (990) Implicitly cleared: true Default probable cause: softwareProgramError (720)	<ul style="list-style-type: none"> • LR14.1.L • LR14.3.L
Description: This alarm indicates a software failure on a BB SOC unit.		
Impact: LTE service is not possible on this BB SOC slice.		
Remedial action: The faulty unit is automatically reset to attempt to clear the fault. If the problem persists then reset the BB.		

Table 28-959 IK4016010 - BB FAULT 1 SOC 1

Alarm	Attributes	Applicable major releases
Name: IK4016010 (5278) Type: equipmentAlarm (3) Package: lte Raised on class: lte.BBCardSpecifics	Severity: minor Specific problem: BB FAULT 1 SOC 1 (991) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR14.1.L • LR14.3.L
Description: Provisioned for late churn-in. Unspecified BB fault detected on a SOC		
Impact: Check the additional info for impact details.		
Remedial action: Check the additional information for maintenance action details.		

Table 28-960 IK4016011 - BB FAULT 2 SOC 1

Alarm	Attributes	Applicable major releases
Name: IK4016011 (5279) Type: equipmentAlarm (3) Package: Ite Raised on class: Ite.BBCardSpecifics	Severity: minor Specific problem: BB FAULT 2 SOC 1 (992) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR14.1.L • LR14.3.L
Description: Provisioned for late churn-in.Unspecified BB fault detected on a SOC		
Impact: Check the additional info for impact details.		
Remedial action: Check the additional information for maintenance action details.		

Table 28-961 IK4016012 - BB DIV IMBALANCE SOC-SLICE 1-1

Alarm	Attributes	Applicable major releases
Name: IK4016012 (5280) Type: equipmentAlarm (3) Package: Ite Raised on class: Ite.BBCardSpecifics	Severity: minor Specific problem: BB DIV IMBALANCE SOC-SLICE 1-1 (993) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR14.1.L • LR14.3.L
Description: This alarm indicates Diversity imbalance fault.		
Impact: No impact on eNodeB.		
Remedial action: No action is required.		

Table 28-962 IK4016013 - BB DIV IMBALANCE SOC-SLICE 1-2

Alarm	Attributes	Applicable major releases
Name: IK4016013 (5281) Type: equipmentAlarm (3) Package: Ite Raised on class: Ite.BBCardSpecifics	Severity: minor Specific problem: BB DIV IMBALANCE SOC-SLICE 1-2 (994) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR14.1.L • LR14.3.L
Description: This alarm indicates Diversity imbalance fault.		
Impact: No impact on eNodeB.		
Remedial action: No action is required.		

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Table 28-963 IK4017000 - BB INDETERMINATE OPERATIONAL FAILURE SOC 2

Alarm	Attributes	Applicable major releases
Name: IK4017000 (5282) Type: equipmentAlarm (3) Package: lte Raised on class: lte.BBCardSpecifics	Severity: critical Specific problem: BB INDETERMINATE OPERATIONAL FAILURE SOC 2 (995) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR14.1.L • LR14.3.L
Description: This alarm indicates that a SOC modem failure of a modem board has been detected that cannot be described by any specific alarm.		
Impact: LTE service is not possible on this BB SOC		
Remedial action: The faulty unit is automatically reset to attempt to clear the fault. If the problem persists then reset the BB.		

Table 28-964 IK4017001 - BB INIT FAILURE SOC 2

Alarm	Attributes	Applicable major releases
Name: IK4017001 (5283) Type: equipmentAlarm (3) Package: lte Raised on class: lte.BBCardSpecifics	Severity: critical Specific problem: BB INIT FAILURE SOC 2 (996) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR14.1.L • LR14.3.L
Description: This alarm indicates a failure to initialize a SOC of a modem board.		
Impact: The LTE service is not possible on this BB SOC		
Remedial action: The faulty unit is automatically reset to attempt to clear the fault. If the problem persists then reset the BB.		

Table 28-965 IK4017002 - BB L1 HARDWARE FAIL SOC 2

Alarm	Attributes	Applicable major releases
Name: IK4017002 (5284) Type: equipmentAlarm (3) Package: lte Raised on class: lte.BBCardSpecifics	Severity: critical Specific problem: BB L1 HARDWARE FAIL SOC 2 (997) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR14.1.L • LR14.3.L
Description: This alarm indicates a Layer 1 hardware or a CPRI configuration failure.		
Impact: LTE service is not possible on this BB SOC.		
Remedial action: The faulty unit is automatically reset to attempt to clear the fault. If the problem persists then reset the BB.		

Table 28-966 IK4017003 - BB L1 SOFTWARE FAIL SOC-SLICE 2-1

Alarm	Attributes	Applicable major releases
Name: IK4017003 (5285) Type: processingErrorAlarm (81) Package: lte Raised on class: lte.BBCardSpecifics	Severity: major Specific problem: BB L1 SOFTWARE FAIL SOC-SLICE 2-1 (998) Implicitly cleared: true Default probable cause: softwareProgramError (720)	<ul style="list-style-type: none"> • LR14.1.L • LR14.3.L
Description: This alarm indicates a software failure on a BB SOC unit.		
Impact: LTE service is not possible on this BB SOC slice.		
Remedial action: The faulty unit is automatically reset to attempt to clear the fault. If the problem persists then reset the BB.		

Table 28-967 IK4017004 - BB L1 SOFTWARE FAIL SOC-SLICE 2-2

Alarm	Attributes	Applicable major releases
Name: IK4017004 (5286) Type: processingErrorAlarm (81) Package: lte Raised on class: lte.BBCardSpecifics	Severity: major Specific problem: BB L1 SOFTWARE FAIL SOC-SLICE 2-2 (999) Implicitly cleared: true Default probable cause: softwareProgramError (720)	<ul style="list-style-type: none"> • LR14.1.L • LR14.3.L
Description: This alarm indicates a software failure on a BB SOC unit.		
Impact: LTE service is not possible on this BB SOC slice.		
Remedial action: The faulty unit is automatically reset to attempt to clear the fault. If the problem persists then reset the BB.		

Table 28-968 IK4017005 - BB L1 SOFTWARE WARNING SOC-SLICE 2-1

Alarm	Attributes	Applicable major releases
Name: IK4017005 (5287) Type: processingErrorAlarm (81) Package: lte Raised on class: lte.BBCardSpecifics	Severity: warning Specific problem: BB L1 SOFTWARE WARNING SOC-SLICE 2-1 (1000) Implicitly cleared: true Default probable cause: softwareProgramError (720)	<ul style="list-style-type: none"> • LR14.1.L • LR14.3.L
Description: This alarm indicates a software warning on a BB SOC unit.		
Impact: No impact on eNodeB.		
Remedial action: No action is required.		

Table 28-969 IK4017006 - BB L1 SOFTWARE WARNING SOC-SLICE 2-2

Alarm	Attributes	Applicable major releases
Name: IK4017006 (5288) Type: processingErrorAlarm (81) Package: Ite Raised on class: Ite.BBCardSpecifics	Severity: warning Specific problem: BB L1 SOFTWARE WARNING SOC-SLICE 2-2 (1001) Implicitly cleared: true Default probable cause: softwareProgramError (720)	<ul style="list-style-type: none"> • LR14.1.L • LR14.3.L
Description: This alarm indicates a software warning on a BB SOC unit.		
Impact: No impact on eNodeB.		
Remedial action: No action is required.		

Table 28-970 IK4017007 - BB MODEM CELL RESOURCES FAILURE SOC 2

Alarm	Attributes	Applicable major releases
Name: IK4017007 (5289) Type: equipmentAlarm (3) Package: Ite Raised on class: Ite.BBCardSpecifics	Severity: critical Specific problem: BB MODEM CELL RESOURCES FAILURE SOC 2 (1002) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR14.1.L • LR14.3.L
Description: This alarm indicates a modem physical cell failure.		
Impact: LTE service is not possible on this BB SOC.		
Remedial action: The faulty unit is automatically reset to attempt to clear the fault. If the problem persists then reset the BB.		

Table 28-971 IK4017008 - BB L2 SOFTWARE FAIL SOC-SLICE 2-1

Alarm	Attributes	Applicable major releases
Name: IK4017008 (5290) Type: processingErrorAlarm (81) Package: Ite Raised on class: Ite.BBCardSpecifics	Severity: major Specific problem: BB L2 SOFTWARE FAIL SOC-SLICE 2-1 (1003) Implicitly cleared: true Default probable cause: softwareProgramError (720)	<ul style="list-style-type: none"> • LR14.1.L • LR14.3.L
Description: This alarm indicates a software failure on a BB SOC unit.		
Impact: LTE service is not possible on this BB SOC slice.		
Remedial action: The faulty unit is automatically reset to attempt to clear the fault. If the problem persists then reset the BB.		

Table 28-972 IK4017009 - BB L2 SOFTWARE FAIL SOC-SLICE 2-2

Alarm	Attributes	Applicable major releases
Name: IK4017009 (5291) Type: processingErrorAlarm (81) Package: lte Raised on class: lte.BBCardSpecifics	Severity: major Specific problem: BB L2 SOFTWARE FAIL SOC-SLICE 2-2 (1004) Implicitly cleared: true Default probable cause: softwareProgramError (720)	<ul style="list-style-type: none"> • LR14.1.L • LR14.3.L
Description: This alarm indicates a software failure on a BB SOC unit.		
Impact: LTE service is not possible on this BB SOC slice.		
Remedial action: The faulty unit is automatically reset to attempt to clear the fault. If the problem persists then reset the BB.		

Table 28-973 IK4017010 - BB FAULT 1 SOC 2

Alarm	Attributes	Applicable major releases
Name: IK4017010 (5292) Type: equipmentAlarm (3) Package: lte Raised on class: lte.BBCardSpecifics	Severity: minor Specific problem: BB FAULT 1 SOC 2 (1005) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR14.1.L • LR14.3.L
Description: Provisioned for late churn-in. Unspecified BB fault detected on a SOC		
Impact: Check the additional info for impact details.		
Remedial action: Check the additional information for maintenance action details.		

Table 28-974 IK4017011 - BB FAULT 2 SOC 2

Alarm	Attributes	Applicable major releases
Name: IK4017011 (5293) Type: equipmentAlarm (3) Package: lte Raised on class: lte.BBCardSpecifics	Severity: minor Specific problem: BB FAULT 2 SOC 2 (1006) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR14.1.L • LR14.3.L
Description: Provisioned for late churn-in. Unspecified BB fault detected on a SOC		
Impact: Check the additional info for impact details.		
Remedial action: Check the additional information for maintenance action details.		

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Table 28-975 IK4017012 - BB DIV IMBALANCE SOC-SLICE 2-1

Alarm	Attributes	Applicable major releases
Name: IK4017012 (5294) Type: equipmentAlarm (3) Package: lte Raised on class: lte.BBCardSpecifics	Severity: minor Specific problem: BB DIV IMBALANCE SOC-SLICE 2-1 (1007) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR14.1.L • LR14.3.L
Description: This alarm indicates Diversity imbalance fault.		
Impact: No impact on eNodeB.		
Remedial action: No action is required.		

Table 28-976 IK4017013 - BB DIV IMBALANCE SOC-SLICE 2-2

Alarm	Attributes	Applicable major releases
Name: IK4017013 (5295) Type: equipmentAlarm (3) Package: lte Raised on class: lte.BBCardSpecifics	Severity: minor Specific problem: BB DIV IMBALANCE SOC-SLICE 2-2 (1008) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR14.1.L • LR14.3.L
Description: This alarm indicates Diversity imbalance fault.		
Impact: No impact on eNodeB.		
Remedial action: No action is required.		

Table 28-977 IK4018000 - BB INDETERMINATE OPERATIONAL FAILURE SOC 3

Alarm	Attributes	Applicable major releases
Name: IK4018000 (5296) Type: equipmentAlarm (3) Package: lte Raised on class: lte.BBCardSpecifics	Severity: critical Specific problem: BB INDETERMINATE OPERATIONAL FAILURE SOC 3 (1009) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR14.1.L • LR14.3.L
Description: This alarm indicates that a SOC modem failure of a modem board has been detected that cannot be described by any specific alarm.		
Impact: LTE service is not possible on this BB SOC		
Remedial action: The faulty unit is automatically reset to attempt to clear the fault. If the problem persists then reset the BB.		

Table 28-978 IK4018001 - BB INIT FAILURE SOC 3

Alarm	Attributes	Applicable major releases
Name: IK4018001 (5297) Type: equipmentAlarm (3) Package: lte Raised on class: lte.BBCardSpecifics	Severity: critical Specific problem: BB INIT FAILURE SOC 3 (1010) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR14.1.L • LR14.3.L
Description: This alarm indicates a failure to initialize a SOC of a modem board.		
Impact: The LTE service is not possible on this BB SOC		
Remedial action: The faulty unit is automatically reset to attempt to clear the fault. If the problem persists then reset the BB.		

Table 28-979 IK4018002 - BB L1 HARDWARE FAIL SOC 3

Alarm	Attributes	Applicable major releases
Name: IK4018002 (5298) Type: equipmentAlarm (3) Package: lte Raised on class: lte.BBCardSpecifics	Severity: critical Specific problem: BB L1 HARDWARE FAIL SOC 3 (1011) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR14.1.L • LR14.3.L
Description: This alarm indicates a Layer 1 hardware or a CPRI configuration failure.		
Impact: LTE service is not possible on this CB SOC.		
Remedial action: The faulty unit is automatically reset to attempt to clear the fault. If the problem persists then reset the BB.		

Table 28-980 IK4018003 - BB L1 SOFTWARE FAIL SOC-SLICE 3-1

Alarm	Attributes	Applicable major releases
Name: IK4018003 (5299) Type: processingErrorAlarm (81) Package: lte Raised on class: lte.BBCardSpecifics	Severity: major Specific problem: BB L1 SOFTWARE FAIL SOC-SLICE 3-1 (1012) Implicitly cleared: true Default probable cause: softwareProgramError (720)	<ul style="list-style-type: none"> • LR14.1.L • LR14.3.L
Description: This alarm indicates a software failure on a BB SOC unit.		
Impact: LTE service is not possible on this BB SOC slice.		
Remedial action: The faulty unit is automatically reset to attempt to clear the fault. If the problem persists then reset the BB.		

Table 28-981 IK4018004 - BB L1 SOFTWARE FAIL SOC-SLICE 3-2

Alarm	Attributes	Applicable major releases
Name: IK4018004 (5300) Type: processingErrorAlarm (81) Package: Ite Raised on class: Ite.BBCardSpecifics	Severity: major Specific problem: BB L1 SOFTWARE FAIL SOC-SLICE 3-2 (1013) Implicitly cleared: true Default probable cause: softwareProgramError (720)	<ul style="list-style-type: none"> • LR14.1.L • LR14.3.L
Description: This alarm indicates a software failure on a BB SOC unit.		
Impact: LTE service is not possible on this BB SOC slice.		
Remedial action: The faulty unit is automatically reset to attempt to clear the fault. If the problem persists then reset the BB.		

Table 28-982 IK4018005 - BB L1 SOFTWARE WARNING SOC-SLICE 3-1

Alarm	Attributes	Applicable major releases
Name: IK4018005 (5301) Type: processingErrorAlarm (81) Package: Ite Raised on class: Ite.BBCardSpecifics	Severity: warning Specific problem: BB L1 SOFTWARE WARNING SOC-SLICE 3-1 (1014) Implicitly cleared: true Default probable cause: softwareProgramError (720)	<ul style="list-style-type: none"> • LR14.1.L • LR14.3.L
Description: This alarm indicates a software warning on a BB SOC unit.		
Impact: No impact on eNodeB.		
Remedial action: No action is required.		

Table 28-983 IK4018006 - BB L1 SOFTWARE WARNING SOC-SLICE 3-2

Alarm	Attributes	Applicable major releases
Name: IK4018006 (5302) Type: processingErrorAlarm (81) Package: Ite Raised on class: Ite.BBCardSpecifics	Severity: warning Specific problem: BB L1 SOFTWARE WARNING SOC-SLICE 3-2 (1015) Implicitly cleared: true Default probable cause: softwareProgramError (720)	<ul style="list-style-type: none"> • LR14.1.L • LR14.3.L
Description: This alarm indicates a software warning on a BB SOC unit.		
Impact: No impact on eNodeB.		
Remedial action: No action is required.		

Table 28-984 IK4018007 - BB MODEM CELL RESOURCES FAILURE SOC 3

Alarm	Attributes	Applicable major releases
Name: IK4018007 (5303) Type: equipmentAlarm (3) Package: lte Raised on class: lte.BBCardSpecifics	Severity: critical Specific problem: BB MODEM CELL RESOURCES FAILURE SOC 3 (1016) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR14.1.L • LR14.3.L
Description: This alarm indicates a modem physical cell failure.		
Impact: LTE service is not possible on this BB SOC.		
Remedial action: The faulty unit is automatically reset to attempt to clear the fault. If the problem persists then reset the BB.		

Table 28-985 IK4018008 - BB L2 SOFTWARE FAIL SOC-SLICE 3-1

Alarm	Attributes	Applicable major releases
Name: IK4018008 (5304) Type: processingErrorAlarm (81) Package: lte Raised on class: lte.BBCardSpecifics	Severity: major Specific problem: BB L2 SOFTWARE FAIL SOC-SLICE 3-1 (1017) Implicitly cleared: true Default probable cause: softwareProgramError (720)	<ul style="list-style-type: none"> • LR14.1.L • LR14.3.L
Description: This alarm indicates a software failure on a BB SOC unit.		
Impact: LTE service is not possible on this BB SOC slice.		
Remedial action: The faulty unit is automatically reset to attempt to clear the fault. If the problem persists then reset the BB.		

Table 28-986 IK4018009 - BB L2 SOFTWARE FAIL SOC-SLICE 3-2

Alarm	Attributes	Applicable major releases
Name: IK4018009 (5305) Type: processingErrorAlarm (81) Package: lte Raised on class: lte.BBCardSpecifics	Severity: major Specific problem: BB L2 SOFTWARE FAIL SOC-SLICE 3-2 (1018) Implicitly cleared: true Default probable cause: softwareProgramError (720)	<ul style="list-style-type: none"> • LR14.1.L • LR14.3.L
Description: This alarm indicates a software failure on a BB SOC unit.		
Impact: LTE service is not possible on this BB SOC slice.		
Remedial action: The faulty unit is automatically reset to attempt to clear the fault. If the problem persists then reset the BB.		

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Table 28-987 IK4018010 - BB FAULT 1 SOC 3

Alarm	Attributes	Applicable major releases
Name: IK4018010 (5306) Type: equipmentAlarm (3) Package: Ite Raised on class: Ite.BBCardSpecifics	Severity: minor Specific problem: BB FAULT 1 SOC 3 (1019) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR14.1.L • LR14.3.L
Description: Provisioned for late churn-in.Unspecified BB fault detected on a SOC		
Impact: Check the additional info for impact details.		
Remedial action: Check the additional information for maintenance action details.		

Table 28-988 IK4018011 - BB FAULT 2 SOC 3

Alarm	Attributes	Applicable major releases
Name: IK4018011 (5307) Type: equipmentAlarm (3) Package: Ite Raised on class: Ite.BBCardSpecifics	Severity: minor Specific problem: BB FAULT 2 SOC 3 (1020) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR14.1.L • LR14.3.L
Description: Provisioned for late churn-in.Unspecified BB fault detected on a SOC		
Impact: Check the additional info for impact details.		
Remedial action: Check the additional information for maintenance action details.		

Table 28-989 IK4018012 - BB DIV IMBALANCE SOC-SLICE 3-1

Alarm	Attributes	Applicable major releases
Name: IK4018012 (5308) Type: equipmentAlarm (3) Package: Ite Raised on class: Ite.BBCardSpecifics	Severity: minor Specific problem: BB DIV IMBALANCE SOC-SLICE 3-1 (1021) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR14.1.L • LR14.3.L
Description: This alarm indicates Diversity imbalance fault.		
Impact: No impact on eNodeB.		
Remedial action: No action is required.		

Table 28-990 IK4018013 - BB DIV IMBALANCE SOC-SLICE 3-2

Alarm	Attributes	Applicable major releases
Name: IK4018013 (5309) Type: equipmentAlarm (3) Package: Ite Raised on class: Ite.BBCardSpecifics	Severity: minor Specific problem: BB DIV IMBALANCE SOC-SLICE 3-2 (1022) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR14.1.L • LR14.3.L
Description: This alarm indicates Diversity imbalance fault.		
Impact: No impact on eNodeB.		
Remedial action: No action is required.		

Table 28-991 IK4019000 - CB INDETERMINATE OPERATIONAL FAILURE SOC 1

Alarm	Attributes	Applicable major releases
Name: IK4019000 (5310) Type: equipmentAlarm (3) Package: Ite Raised on class: Ite.CBCardSpecifics	Severity: critical Specific problem: CB INDETERMINATE OPERATIONAL FAILURE SOC 1 (1023) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR14.1.L • LR14.3.L
Description: This alarm indicates that a SOC modem failure of a controller board has been detected that cannot be described by any specific alarm.		
Impact: LTE service is not possible on this CB SOC		
Remedial action: The faulty unit is automatically reset to attempt to clear the fault. If the problem persists then reset the CB.		

Table 28-992 IK4019001 - CB INIT FAILURE SOC 1

Alarm	Attributes	Applicable major releases
Name: IK4019001 (5311) Type: equipmentAlarm (3) Package: Ite Raised on class: Ite.CBCardSpecifics	Severity: critical Specific problem: CB INIT FAILURE SOC 1 (1024) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR14.1.L • LR14.3.L
Description: This alarm indicates a failure to initialize a SOC of a controller board.		
Impact: The LTE service is not possible on this CB SOC		
Remedial action: The faulty unit is automatically reset to attempt to clear the fault. If the problem persists then reset the CB.		

Table 28-993 IK4019002 - CB L1 HARDWARE FAIL SOC 1

Alarm	Attributes	Applicable major releases
Name: IK4019002 (5312) Type: equipmentAlarm (3) Package: lte Raised on class: lte.CBCardSpecifics	Severity: critical Specific problem: CB L1 HARDWARE FAIL SOC 1 (1025) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR14.1.L • LR14.3.L
Description: This alarm indicates a Layer 1 hardware or a CPRI configuration failure.		
Impact: LTE service is not possible on this CB SOC.		
Remedial action: The faulty unit is automatically reset to attempt to clear the fault. If the problem persists then reset the CB.		

Table 28-994 IK4019003 - CB L1 SOFTWARE FAIL SOC-SLICE 1-1

Alarm	Attributes	Applicable major releases
Name: IK4019003 (5313) Type: processingErrorAlarm (81) Package: lte Raised on class: lte.CBCardSpecifics	Severity: major Specific problem: CB L1 SOFTWARE FAIL SOC-SLICE 1-1 (1026) Implicitly cleared: true Default probable cause: softwareProgramError (720)	<ul style="list-style-type: none"> • LR14.1.L • LR14.3.L
Description: This alarm indicates a software failure on a CB SOC unit.		
Impact: LTE service is not possible on this CB SOC slice.		
Remedial action: The faulty unit is automatically reset to attempt to clear the fault. If the problem persists then reset the CB.		

Table 28-995 IK4019004 - CB L1 SOFTWARE FAIL SOC-SLICE 1-2

Alarm	Attributes	Applicable major releases
Name: IK4019004 (5314) Type: processingErrorAlarm (81) Package: lte Raised on class: lte.CBCardSpecifics	Severity: major Specific problem: CB L1 SOFTWARE FAIL SOC-SLICE 1-2 (1027) Implicitly cleared: true Default probable cause: softwareProgramError (720)	<ul style="list-style-type: none"> • LR14.1.L • LR14.3.L
Description: This alarm indicates a software failure on a CB SOC unit.		
Impact: LTE service is not possible on this CB SOC slice.		
Remedial action: The faulty unit is automatically reset to attempt to clear the fault. If the problem persists then reset the CB.		

Table 28-996 IK4019005 - CB L1 SOFTWARE WARNING SOC-SLICE 1-1

Alarm	Attributes	Applicable major releases
Name: IK4019005 (5315) Type: processingErrorAlarm (81) Package: Ite Raised on class: Ite.CBCardSpecifics	Severity: warning Specific problem: CB L1 SOFTWARE WARNING SOC-SLICE 1-1 (1028) Implicitly cleared: true Default probable cause: softwareProgramError (720)	<ul style="list-style-type: none"> • LR14.1.L • LR14.3.L
Description: This alarm indicates a software warning on a CB SOC unit.		
Impact: No impact on eNodeB.		
Remedial action: No action is required.		

Table 28-997 IK4019006 - CB L1 SOFTWARE WARNING SOC-SLICE 1-2

Alarm	Attributes	Applicable major releases
Name: IK4019006 (5316) Type: processingErrorAlarm (81) Package: Ite Raised on class: Ite.CBCardSpecifics	Severity: warning Specific problem: CB L1 SOFTWARE WARNING SOC-SLICE 1-2 (1029) Implicitly cleared: true Default probable cause: softwareProgramError (720)	<ul style="list-style-type: none"> • LR14.1.L • LR14.3.L
Description: This alarm indicates a software warning on a CB SOC unit.		
Impact: No impact on eNodeB.		
Remedial action: No action is required.		

Table 28-998 IK4019007 - CB MODEM CELL RESOURCES FAILURE SOC 1

Alarm	Attributes	Applicable major releases
Name: IK4019007 (5317) Type: equipmentAlarm (3) Package: Ite Raised on class: Ite.CBCardSpecifics	Severity: critical Specific problem: CB MODEM CELL RESOURCES FAILURE SOC 1 (1030) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR14.1.L • LR14.3.L
Description: This alarm indicates a modem physical cell failure.		
Impact: LTE service is not possible on this CB SOC.		
Remedial action: The faulty unit is automatically reset to attempt to clear the fault. If the problem persists then reset the CB.		

Table 28-999 IK4019008 - CB L2 SOFTWARE FAIL SOC-SLICE 1-1

Alarm	Attributes	Applicable major releases
Name: IK4019008 (5318) Type: processingErrorAlarm (81) Package: lte Raised on class: lte.CBCardSpecifics	Severity: major Specific problem: CB L2 SOFTWARE FAIL SOC-SLICE 1-1 (1031) Implicitly cleared: true Default probable cause: softwareProgramError (720)	<ul style="list-style-type: none"> • LR14.1.L • LR14.3.L
Description: This alarm indicates a software failure on a CB SOC unit.		
Impact: LTE service is not possible on this CB SOC slice.		
Remedial action: The faulty unit is automatically reset to attempt to clear the fault. If the problem persists then reset the CB.		

Table 28-1000 IK4019009 - CB L2 SOFTWARE FAIL SOC-SLICE 1-2

Alarm	Attributes	Applicable major releases
Name: IK4019009 (5319) Type: processingErrorAlarm (81) Package: lte Raised on class: lte.CBCardSpecifics	Severity: major Specific problem: CB L2 SOFTWARE FAIL SOC-SLICE 1-2 (1032) Implicitly cleared: true Default probable cause: softwareProgramError (720)	<ul style="list-style-type: none"> • LR14.1.L • LR14.3.L
Description: This alarm indicates a software failure on a CB SOC unit.		
Impact: LTE service is not possible on this BB SOC slice.		
Remedial action: The faulty unit is automatically reset to attempt to clear the fault. If the problem persists then reset the CB.		

Table 28-1001 IK4019010 - CB FAULT 1 SOC 1

Alarm	Attributes	Applicable major releases
Name: IK4019010 (5320) Type: equipmentAlarm (3) Package: lte Raised on class: lte.CBCardSpecifics	Severity: minor Specific problem: CB FAULT 1 SOC 1 (1033) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR14.1.L • LR14.3.L
Description: Provisioned for late churn-in. Unspecified CB fault detected on a SOC.		
Impact: Check the additional info for impact details.		
Remedial action: Check the additional information for maintenance action details.		

Table 28-1002 IK4019011 - CB FAULT 2 SOC 1

Alarm	Attributes	Applicable major releases
Name: IK4019011 (5321) Type: equipmentAlarm (3) Package: Ite Raised on class: Ite.CBCardSpecifics	Severity: minor Specific problem: CB FAULT 2 SOC 1 (1034) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR14.1.L • LR14.3.L
Description: Provisioned for late churn-in. Unspecified CB fault detected on a SOC.		
Impact: Check the additional info for impact details.		
Remedial action: Check the additional information for maintenance action details.		

Table 28-1003 IK4019012 - CB DIV IMBALANCE SOC-SLICE 1-1

Alarm	Attributes	Applicable major releases
Name: IK4019012 (5322) Type: equipmentAlarm (3) Package: Ite Raised on class: Ite.CBCardSpecifics	Severity: minor Specific problem: CB DIV IMBALANCE SOC-SLICE 1-1 (1035) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR14.1.L • LR14.3.L
Description: This alarm indicates Diversity imbalance fault.		
Impact: No impact on eNodeB.		
Remedial action: No action is required.		

Table 28-1004 IK4019013 - CB DIV IMBALANCE SOC-SLICE 1-2

Alarm	Attributes	Applicable major releases
Name: IK4019013 (5323) Type: equipmentAlarm (3) Package: Ite Raised on class: Ite.CBCardSpecifics	Severity: minor Specific problem: CB DIV IMBALANCE SOC-SLICE 1-2 (1036) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR14.1.L • LR14.3.L
Description: This alarm indicates Diversity imbalance fault.		
Impact: No impact on eNodeB.		
Remedial action: No action is required.		

Table 28-1005 IK4020000 - CB INDETERMINATE OPERATIONAL FAILURE SOC 2

Alarm	Attributes	Applicable major releases
Name: IK4020000 (5324) Type: equipmentAlarm (3) Package: lte Raised on class: lte.CBCardSpecifics	Severity: critical Specific problem: CB INDETERMINATE OPERATIONAL FAILURE SOC 2 (1037) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR14.1.L • LR14.3.L
Description: This alarm indicates that a SOC modem failure of a controller board has been detected that cannot be described by any specific alarm.		
Impact: LTE service is not possible on this CB SOC		
Remedial action: The faulty unit is automatically reset to attempt to clear the fault. If the problem persists then reset the CB.		

Table 28-1006 IK4020001 - CB INIT FAILURE SOC 2

Alarm	Attributes	Applicable major releases
Name: IK4020001 (5325) Type: equipmentAlarm (3) Package: lte Raised on class: lte.CBCardSpecifics	Severity: critical Specific problem: CB INIT FAILURE SOC 2 (1038) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR14.1.L • LR14.3.L
Description: This alarm indicates a failure to initialize a SOC of a controller board.		
Impact: The LTE service is not possible on this CB SOC		
Remedial action: The faulty unit is automatically reset to attempt to clear the fault. If the problem persists then reset the CB.		

Table 28-1007 IK4020002 - CB L1 HARDWARE FAIL SOC 2

Alarm	Attributes	Applicable major releases
Name: IK4020002 (5326) Type: equipmentAlarm (3) Package: lte Raised on class: lte.CBCardSpecifics	Severity: critical Specific problem: CB L1 HARDWARE FAIL SOC 2 (1039) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR14.1.L • LR14.3.L
Description: This alarm indicates a Layer 1 hardware or a CPRI configuration failure.		
Impact: LTE service is not possible on this CB SOC.		
Remedial action: The faulty unit is automatically reset to attempt to clear the fault. If the problem persists then reset the CB.		

Table 28-1008 IK4020003 - CB L1 SOFTWARE FAIL SOC-SLICE 2-1

Alarm	Attributes	Applicable major releases
Name: IK4020003 (5327) Type: processingErrorAlarm (81) Package: Ite Raised on class: Ite.CBCardSpecifics	Severity: major Specific problem: CB L1 SOFTWARE FAIL SOC-SLICE 2-1 (1040) Implicitly cleared: true Default probable cause: softwareProgramError (720)	<ul style="list-style-type: none"> • LR14.1.L • LR14.3.L
Description: This alarm indicates a software failure on a CB SOC unit.		
Impact: LTE service is not possible on this CB SOC slice.		
Remedial action: The faulty unit is automatically reset to attempt to clear the fault. If the problem persists then reset the CB.		

Table 28-1009 IK4020004 - CB L1 SOFTWARE FAIL SOC-SLICE 2-2

Alarm	Attributes	Applicable major releases
Name: IK4020004 (5328) Type: processingErrorAlarm (81) Package: Ite Raised on class: Ite.CBCardSpecifics	Severity: major Specific problem: CB L1 SOFTWARE FAIL SOC-SLICE 2-2 (1041) Implicitly cleared: true Default probable cause: softwareProgramError (720)	<ul style="list-style-type: none"> • LR14.1.L • LR14.3.L
Description: This alarm indicates a software failure on a CB SOC unit.		
Impact: LTE service is not possible on this CB SOC slice.		
Remedial action: The faulty unit is automatically reset to attempt to clear the fault. If the problem persists then reset the CB.		

Table 28-1010 IK4020005 - CB L1 SOFTWARE WARNING SOC-SLICE 2-1

Alarm	Attributes	Applicable major releases
Name: IK4020005 (5329) Type: processingErrorAlarm (81) Package: Ite Raised on class: Ite.CBCardSpecifics	Severity: warning Specific problem: CB L1 SOFTWARE WARNING SOC-SLICE 2-1 (1042) Implicitly cleared: true Default probable cause: softwareProgramError (720)	<ul style="list-style-type: none"> • LR14.1.L • LR14.3.L
Description: This alarm indicates a software warning on a CB SOC unit.		
Impact: No impact on eNodeB.		
Remedial action: No action is required.		

Table 28-1011 IK4020006 - CB L1 SOFTWARE WARNING SOC-SLICE 2-2

Alarm	Attributes	Applicable major releases
Name: IK4020006 (5330) Type: processingErrorAlarm (81) Package: Ite Raised on class: Ite.CBCardSpecifics	Severity: warning Specific problem: CB L1 SOFTWARE WARNING SOC-SLICE 2-2 (1043) Implicitly cleared: true Default probable cause: softwareProgramError (720)	<ul style="list-style-type: none"> • LR14.1.L • LR14.3.L
Description: This alarm indicates a software warning on a CB SOC unit.		
Impact: No impact on eNodeB.		
Remedial action: No action is required.		

Table 28-1012 IK4020007 - CB MODEM CELL RESOURCES FAILURE SOC 2

Alarm	Attributes	Applicable major releases
Name: IK4020007 (5331) Type: equipmentAlarm (3) Package: Ite Raised on class: Ite.CBCardSpecifics	Severity: critical Specific problem: CB MODEM CELL RESOURCES FAILURE SOC 2 (1044) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR14.1.L • LR14.3.L
Description: This alarm indicates a modem physical cell failure.		
Impact: LTE service is not possible on this CB SOC.		
Remedial action: The faulty unit is automatically reset to attempt to clear the fault. If the problem persists then reset the CB.		

Table 28-1013 IK4020008 - CB L2 SOFTWARE FAIL SOC-SLICE 2-1

Alarm	Attributes	Applicable major releases
Name: IK4020008 (5332) Type: processingErrorAlarm (81) Package: Ite Raised on class: Ite.CBCardSpecifics	Severity: major Specific problem: CB L2 SOFTWARE FAIL SOC-SLICE 2-1 (1045) Implicitly cleared: true Default probable cause: softwareProgramError (720)	<ul style="list-style-type: none"> • LR14.1.L • LR14.3.L
Description: This alarm indicates a software failure on a CB SOC unit.		
Impact: LTE service is not possible on this CB SOC slice.		
Remedial action: The faulty unit is automatically reset to attempt to clear the fault. If the problem persists then reset the CB.		

Table 28-1014 IK4020009 - CB L2 SOFTWARE FAIL SOC-SLICE 2-2

Alarm	Attributes	Applicable major releases
Name: IK4020009 (5333) Type: processingErrorAlarm (81) Package: lte Raised on class: lte.CBCardSpecifics	Severity: major Specific problem: CB L2 SOFTWARE FAIL SOC-SLICE 2-2 (1046) Implicitly cleared: true Default probable cause: softwareProgramError (720)	<ul style="list-style-type: none"> • LR14.1.L • LR14.3.L
Description: This alarm indicates a software failure on a CB SOC unit.		
Impact: LTE service is not possible on this BB SOC slice.		
Remedial action: The faulty unit is automatically reset to attempt to clear the fault. If the problem persists then reset the CB.		

Table 28-1015 IK4020010 - CB FAULT 1 SOC 2

Alarm	Attributes	Applicable major releases
Name: IK4020010 (5334) Type: equipmentAlarm (3) Package: lte Raised on class: lte.CBCardSpecifics	Severity: minor Specific problem: CB FAULT 1 SOC 2 (1047) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR14.1.L • LR14.3.L
Description: Provisioned for late churn-in. Unspecified CB fault detected on a SOC.		
Impact: Check the additional info for impact details.		
Remedial action: Check the additional information for maintenance action details.		

Table 28-1016 IK4020011 - CB FAULT 2 SOC 2

Alarm	Attributes	Applicable major releases
Name: IK4020011 (5335) Type: equipmentAlarm (3) Package: lte Raised on class: lte.CBCardSpecifics	Severity: minor Specific problem: CB FAULT 2 SOC 2 (1048) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR14.1.L • LR14.3.L
Description: Provisioned for late churn-in. Unspecified CB fault detected on a SOC.		
Impact: Check the additional info for impact details.		
Remedial action: Check the additional information for maintenance action details.		

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Table 28-1017 IK4020012 - CB DIV IMBALANCE SOC-SLICE 2-1

Alarm	Attributes	Applicable major releases
Name: IK4020012 (5336) Type: equipmentAlarm (3) Package: lte Raised on class: lte.CBCardSpecifics	Severity: minor Specific problem: CB DIV IMBALANCE SOC-SLICE 2-1 (1049) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR14.1.L • LR14.3.L
Description: This alarm indicates Diversity imbalance fault.		
Impact: No impact on eNodeB.		
Remedial action: No action is required.		

Table 28-1018 IK4020013 - CB DIV IMBALANCE SOC-SLICE 2-2

Alarm	Attributes	Applicable major releases
Name: IK4020013 (5337) Type: equipmentAlarm (3) Package: lte Raised on class: lte.CBCardSpecifics	Severity: minor Specific problem: CB DIV IMBALANCE SOC-SLICE 2-2 (1050) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR14.1.L • LR14.3.L
Description: This alarm indicates Diversity imbalance fault.		
Impact: No impact on eNodeB.		
Remedial action: No action is required.		

Table 28-1019 IK4021000 - CB INDETERMINATE OPERATIONAL FAILURE SOC 3

Alarm	Attributes	Applicable major releases
Name: IK4021000 (5338) Type: equipmentAlarm (3) Package: lte Raised on class: lte.CBCardSpecifics	Severity: critical Specific problem: CB INDETERMINATE OPERATIONAL FAILURE SOC 3 (1051) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR14.1.L • LR14.3.L
Description: This alarm indicates that a SOC modem failure of a controller board has been detected that cannot be described by any specific alarm.		
Impact: LTE service is not possible on this CB SOC		
Remedial action: The faulty unit is automatically reset to attempt to clear the fault. If the problem persists then reset the CB.		

Table 28-1020 IK4021001 - CB INIT FAILURE SOC 3

Alarm	Attributes	Applicable major releases
Name: IK4021001 (5339) Type: equipmentAlarm (3) Package: Ite Raised on class: Ite.CBCardSpecifics	Severity: critical Specific problem: CB INIT FAILURE SOC 3 (1052) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR14.1.L • LR14.3.L
Description: This alarm indicates a failure to initialize a SOC of a controller board.		
Impact: The LTE service is not possible on this CB SOC		
Remedial action: The faulty unit is automatically reset to attempt to clear the fault. If the problem persists then reset the CB.		

Table 28-1021 IK4021002 - CB L1 HARDWARE FAIL SOC 3

Alarm	Attributes	Applicable major releases
Name: IK4021002 (5340) Type: equipmentAlarm (3) Package: Ite Raised on class: Ite.CBCardSpecifics	Severity: critical Specific problem: CB L1 HARDWARE FAIL SOC 3 (1053) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR14.1.L • LR14.3.L
Description: This alarm indicates a Layer 1 hardware or a CPRI configuration failure.		
Impact: LTE service is not possible on this CB SOC.		
Remedial action: The faulty unit is automatically reset to attempt to clear the fault. If the problem persists then reset the CB.		

Table 28-1022 IK4021003 - CB L1 SOFTWARE FAIL SOC-SLICE 3-1

Alarm	Attributes	Applicable major releases
Name: IK4021003 (5341) Type: processingErrorAlarm (81) Package: Ite Raised on class: Ite.CBCardSpecifics	Severity: major Specific problem: CB L1 SOFTWARE FAIL SOC-SLICE 3-1 (1054) Implicitly cleared: true Default probable cause: softwareProgramError (720)	<ul style="list-style-type: none"> • LR14.1.L • LR14.3.L
Description: This alarm indicates a software failure on a CB SOC unit.		
Impact: LTE service is not possible on this CB SOC slice.		
Remedial action: The faulty unit is automatically reset to attempt to clear the fault. If the problem persists then reset the CB.		

Table 28-1023 IK4021004 - CB L1 SOFTWARE FAIL SOC-SLICE 3-2

Alarm	Attributes	Applicable major releases
Name: IK4021004 (5342) Type: processingErrorAlarm (81) Package: Ite Raised on class: Ite.CBCardSpecifics	Severity: major Specific problem: CB L1 SOFTWARE FAIL SOC-SLICE 3-2 (1055) Implicitly cleared: true Default probable cause: softwareProgramError (720)	<ul style="list-style-type: none"> • LR14.1.L • LR14.3.L
Description: This alarm indicates a software failure on a CB SOC unit.		
Impact: LTE service is not possible on this CB SOC slice.		
Remedial action: The faulty unit is automatically reset to attempt to clear the fault. If the problem persists then reset the CB.		

Table 28-1024 IK4021005 - CB L1 SOFTWARE WARNING SOC-SLICE 3-1

Alarm	Attributes	Applicable major releases
Name: IK4021005 (5343) Type: processingErrorAlarm (81) Package: Ite Raised on class: Ite.CBCardSpecifics	Severity: warning Specific problem: CB L1 SOFTWARE WARNING SOC-SLICE 3-1 (1056) Implicitly cleared: true Default probable cause: softwareProgramError (720)	<ul style="list-style-type: none"> • LR14.1.L • LR14.3.L
Description: This alarm indicates a software warning on a CB SOC unit.		
Impact: No impact on eNodeB.		
Remedial action: No action is required.		

Table 28-1025 IK4021006 - CB L1 SOFTWARE WARNING SOC-SLICE 3-2

Alarm	Attributes	Applicable major releases
Name: IK4021006 (5344) Type: processingErrorAlarm (81) Package: Ite Raised on class: Ite.CBCardSpecifics	Severity: warning Specific problem: CB L1 SOFTWARE WARNING SOC-SLICE 3-2 (1057) Implicitly cleared: true Default probable cause: softwareProgramError (720)	<ul style="list-style-type: none"> • LR14.1.L • LR14.3.L
Description: This alarm indicates a software warning on a CB SOC unit.		
Impact: No impact on eNodeB.		
Remedial action: No action is required.		

Table 28-1026 IK4021007 - CB MODEM CELL RESOURCES FAILURE SOC 3

Alarm	Attributes	Applicable major releases
Name: IK4021007 (5345) Type: equipmentAlarm (3) Package: Ite Raised on class: Ite.CBCardSpecifics	Severity: critical Specific problem: CB MODEM CELL RESOURCES FAILURE SOC 3 (1058) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR14.1.L • LR14.3.L
Description: This alarm indicates a modem physical cell failure.		
Impact: LTE service is not possible on this CB SOC.		
Remedial action: The faulty unit is automatically reset to attempt to clear the fault. If the problem persists then reset the CB.		

Table 28-1027 IK4021008 - CB L2 SOFTWARE FAIL SOC-SLICE 3-1

Alarm	Attributes	Applicable major releases
Name: IK4021008 (5346) Type: processingErrorAlarm (81) Package: Ite Raised on class: Ite.CBCardSpecifics	Severity: major Specific problem: CB L2 SOFTWARE FAIL SOC-SLICE 3-1 (1059) Implicitly cleared: true Default probable cause: softwareProgramError (720)	<ul style="list-style-type: none"> • LR14.1.L • LR14.3.L
Description: This alarm indicates a software failure on a CB SOC unit.		
Impact: LTE service is not possible on this CB SOC slice.		
Remedial action: The faulty unit is automatically reset to attempt to clear the fault. If the problem persists then reset the CB.		

Table 28-1028 IK4021009 - CB L2 SOFTWARE FAIL SOC-SLICE 3-2

Alarm	Attributes	Applicable major releases
Name: IK4021009 (5347) Type: processingErrorAlarm (81) Package: Ite Raised on class: Ite.CBCardSpecifics	Severity: major Specific problem: CB L2 SOFTWARE FAIL SOC-SLICE 3-2 (1060) Implicitly cleared: true Default probable cause: softwareProgramError (720)	<ul style="list-style-type: none"> • LR14.1.L • LR14.3.L
Description: This alarm indicates a software failure on a CB SOC unit.		
Impact: LTE service is not possible on this BB SOC slice.		
Remedial action: The faulty unit is automatically reset to attempt to clear the fault. If the problem persists then reset the CB.		

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Table 28-1029 IK4021010 - CB FAULT 1 SOC 3

Alarm	Attributes	Applicable major releases
Name: IK4021010 (5348) Type: equipmentAlarm (3) Package: Ite Raised on class: Ite.CBCardSpecifics	Severity: minor Specific problem: CB FAULT 1 SOC 3 (1061) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR14.1.L • LR14.3.L
Description: Provisioned for late churn-in. Unspecified CB fault detected on a SOC.		
Impact: Check the additional info for impact details.		
Remedial action: Check the additional information for maintenance action details.		

Table 28-1030 IK4021011 - CB FAULT 2 SOC 3

Alarm	Attributes	Applicable major releases
Name: IK4021011 (5349) Type: equipmentAlarm (3) Package: Ite Raised on class: Ite.CBCardSpecifics	Severity: minor Specific problem: CB FAULT 2 SOC 3 (1062) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR14.1.L • LR14.3.L
Description: Provisioned for late churn-in. Unspecified CB fault detected on a SOC.		
Impact: Check the additional info for impact details.		
Remedial action: Check the additional information for maintenance action details.		

Table 28-1031 IK4021012 - CB DIV IMBALANCE SOC-SLICE 3-1

Alarm	Attributes	Applicable major releases
Name: IK4021012 (5350) Type: equipmentAlarm (3) Package: Ite Raised on class: Ite.CBCardSpecifics	Severity: minor Specific problem: CB DIV IMBALANCE SOC-SLICE 3-1 (1063) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR14.1.L • LR14.3.L
Description: This alarm indicates Diversity imbalance fault.		
Impact: No impact on eNodeB.		
Remedial action: No action is required.		

Table 28-1032 IK4021013 - CB DIV IMBALANCE SOC-SLICE 3-2

Alarm	Attributes	Applicable major releases
Name: IK4021013 (5351) Type: equipmentAlarm (3) Package: Ite Raised on class: Ite.CBCardSpecifics	Severity: minor Specific problem: CB DIV IMBALANCE SOC-SLICE 3-2 (1064) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR14.1.L • LR14.3.L
Description: This alarm indicates Diversity imbalance fault.		
Impact: No impact on eNodeB.		
Remedial action: No action is required.		

Table 28-1033 IK4022001 - ERRONEOUS BACKHAUL ETHERNET PORT NAME

Alarm	Attributes	Applicable major releases
Name: IK4022001 (7993) Type: equipmentAlarm (3) Package: Ite Raised on class: Ite.EthernetPort	Severity: warning Specific problem: ERRONEOUS BACKHAUL ETHERNET PORT NAME (1899) Implicitly cleared: true Default probable cause: configurationOrCustomizationError (902)	<ul style="list-style-type: none"> • LR14.3.L
Description: The backhaul port name defined in the configuration, received from the EMS by the eNB doesn't match with the identity of the ethernet backhaul port used by the eNB to connect to the EMS.		
Impact: The eNB shall not apply the transport configuration if this configuration involves more than one ethernet port and as long as the cabling doesn't match the configuration. Else the risk will be to not be able to reach anymore the eNB from the EMS		
Remedial action: EthernetPort.ethernetPortName[0] value shall be modified in the EMS configuration.		

Table 28-1034 IK4022002 - BAD ETHERNET PORT POLICING CONFIGURATION

Alarm	Attributes	Applicable major releases
Name: IK4022002 (7994) Type: qualityOfServiceAlarm (82) Package: Ite Raised on class: Ite.EthernetPort	Severity: major Specific problem: BAD ETHERNET PORT POLICING CONFIGURATION (1900) Implicitly cleared: true Default probable cause: configurationOrCustomizationError (902)	<ul style="list-style-type: none"> • LR14.3.L
Description: This alarm indicates that the policing ingress CIR exceeds the Ethernet port speed, when policing is requested on the Ethernet port.		
Impact: The policing function has no effect.		
Remedial action: Review the Ethernet port policing configuration and change if necessary.		

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Table 28-1035 IK4022003 - ETHERNET PORT NOT OPERATIONAL

Alarm	Attributes	Applicable major releases
Name: IK4022003 (7995) Type: equipmentAlarm (3) Package: lte Raised on class: lte.EthernetPort	Severity: minor Specific problem: ETHERNET PORT NOT OPERATIONAL (1901) Implicitly cleared: true Default probable cause: configurationOrCustomizationError (902)	<ul style="list-style-type: none"> LR14.3.L
Description: This alarm indicates that a feature involving the use of this Ethernet Port has been activated and the Ethernet Port is not operational.		
Impact: The feature that needs the use of the Ethernet Port cannot be activated.		
Remedial action: The cabling shall be checked as well as the EMS configuration in order cabling and EMS configuration match.		

Table 28-1036 IK4022004 - ETHERNET PORT OPERATIONAL

Alarm	Attributes	Applicable major releases
Name: IK4022004 (7996) Type: equipmentAlarm (3) Package: lte Raised on class: lte.EthernetPort	Severity: variable Specific problem: ETHERNET PORT OPERATIONAL (1902) Implicitly cleared: true Default probable cause: unknown (1097)	<ul style="list-style-type: none"> LR14.3.L
Description: This event indicates that a feature involving the use of this Ethernet Port has been activated and the Ethernet Port is operational.		
Impact: Traffic can flow through the Ethernet backhaul port.		
Remedial action: No action is required.		

Table 28-1037 IK4022005 - ETHERNET PORT FAILURE

Alarm	Attributes	Applicable major releases
Name: IK4022005 (7997) Type: equipmentAlarm (3) Package: lte Raised on class: lte.EthernetPort	Severity: critical Specific problem: ETHERNET PORT FAILURE (777) Implicitly cleared: true Default probable cause: inputOutputDeviceError (703)	<ul style="list-style-type: none"> LR14.3.L
Description: This alarm indicates that the eNB failed to send/receive traffic through an Ethernet port.		
Impact: No more traffic can go through the Ethernet port		
Remedial action: The eNB Ethernet port equipment shall be checked and the eNB controller board or the SFP will be replaced if necessary.		

Table 28-1038 IK4022006 - BAD ETHERNET PORT SHAPING CONFIGURATION

Alarm	Attributes	Applicable major releases
Name: IK4022006 (7998) Type: qualityOfServiceAlarm (82) Package: Ite Raised on class: Ite.EthernetPort	Severity: major Specific problem: BAD ETHERNET PORT SHAPING CONFIGURATION (1903) Implicitly cleared: true Default probable cause: configurationOrCustomizationError (902)	<ul style="list-style-type: none"> LR14.3.L
Description: This alarm indicates that either the sum of the egress CIR per VLAN exceeds the Ethernet port speed when shaping per VLAN is requested on this Ethernet port, either the egress CIR exceeds the Ethernet port speed when shaping per port is requested on this Ethernet port.		
Impact: The shaping function has no effect.		
Remedial action: Review the Ethernet port shaping configuration and change if necessary.		

Table 28-1039 IK4201001 - SW CANNOT BE UPDATED AUTOMATICALLY

Alarm	Attributes	Applicable major releases
Name: IK4201001 (2674) Type: processingErrorAlarm (81) Package: Ite Raised on class: Ite.CBCardSpecifics	Severity: major Specific problem: SW CANNOT BE UPDATED AUTOMATICALLY (1065) Implicitly cleared: true Default probable cause: softwareError (718)	<ul style="list-style-type: none"> LR13.3 LR14.1.L LR14.3.L
Description: This alarm indicates a failure to download the software for the new module.		
Impact: Software for the module is not available.		
Remedial action: Check the code server setting. The code server path is accessible via SAM or NEM. Consult the SAM resp. NEM user guide specification to see how to access the code server attribute using either application.		

Table 28-1040 IK4201002 - CURRENT SW DOES NOT SUPPORT THE NEW HW MODULE

Alarm	Attributes	Applicable major releases
Name: IK4201002 (2675) Type: processingErrorAlarm (81) Package: Ite Raised on class: Ite.CBCardSpecifics	Severity: minor Specific problem: CURRENT SW DOES NOT SUPPORT THE NEW HW MODULE (1066) Implicitly cleared: true Default probable cause: softwareError (718)	<ul style="list-style-type: none"> LR13.3 LR14.1.L LR14.3.L
Description: This alarm indicates that the current software does not support the hardware.		
Impact: Software for the module is not available.		
Remedial action: Requires a new software package to support the hardware.		

Table 28-1041 IK4201004 - SW DOWNLOAD/ACTIVATION FAILURE

Alarm	Attributes	Applicable major releases
Name: IK4201004 (2677) Type: processingErrorAlarm (81) Package: Ite Raised on class: Ite.CBCardSpecifics	Severity: minor Specific problem: SW DOWNLOAD/ACTIVATION FAILURE (1068) Implicitly cleared: true Default probable cause: softwareError (718)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This alarm indicates a failure to download or activate the software for the new module.		
Impact: Telecom: Impacts the telecom service. OAM: No impact on OAM service.		
Remedial action: Reset the impacted module. If the alarm persists, contact the next level of support.		

Table 28-1042 IK4201005 - SW DOWNLOAD/ACTIVATION FAILURE

Alarm	Attributes	Applicable major releases
Name: IK4201005 (2678) Type: processingErrorAlarm (81) Package: Ite Raised on class: Ite.BBCardSpecifics	Severity: minor Specific problem: SW DOWNLOAD/ACTIVATION FAILURE (1068) Implicitly cleared: true Default probable cause: softwareError (718)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This alarm indicates a failure to download or activate the software for the new module.		
Impact: Telecom: Impacts the telecom service. OAM: No impact on OAM service.		
Remedial action: Reset the impacted module. If the alarm persists, contact the next level of support.		

Table 28-1043 IK4201006 - SW DOWNLOAD/ACTIVATION FAILURE

Alarm	Attributes	Applicable major releases
Name: IK4201006 (2679) Type: processingErrorAlarm (81) Package: Ite Raised on class: Ite.RRH	Severity: minor Specific problem: SW DOWNLOAD/ACTIVATION FAILURE (1068) Implicitly cleared: true Default probable cause: softwareError (718)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This alarm indicates a failure to download or activate the software for the new module.		
Impact: Telecom: Impacts the telecom service. OAM: No impact on OAM service.		
Remedial action: Reset the impacted module. If the alarm persists, contact the next level of support.		

Table 28-1044 IK4201007 - SW DOWNLOAD/ACTIVATION FAILURE

Alarm	Attributes	Applicable major releases
Name: IK4201007 (2680) Type: processingErrorAlarm (81) Package: Ite Raised on class: Ite.TRDU	Severity: minor Specific problem: SW DOWNLOAD/ACTIVATION FAILURE (1068) Implicitly cleared: true Default probable cause: softwareError (718)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This alarm indicates a failure to download or activate the software for the new module.		
Impact: Telecom: Impacts the telecom service. OAM: No impact on OAM service.		
Remedial action: Reset the impacted module. If the alarm persists, contact the next level of support.		

Table 28-1045 IK4201008 - SW NOT AVAILABLE, DOWNLOAD STARTED

Alarm	Attributes	Applicable major releases
Name: IK4201008 (3229) Type: processingErrorAlarm (81) Package: Ite Raised on class: Ite.CBCardSpecifics	Severity: warning Specific problem: SW NOT AVAILABLE, DOWNLOAD STARTED (1067) Implicitly cleared: true Default probable cause: softwareError (718)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This alarm indicates that the software is not available and the download is started.		
Impact: Software for the module is not available.		
Remedial action: Wait for download to complete.		

Table 28-1046 IK4201009 - DATA MIGRATION NOT POSSIBLE

Alarm	Attributes	Applicable major releases
Name: IK4201009 (3826) Type: processingErrorAlarm (81) Package: Ite Raised on class: Ite.CBCardSpecifics	Severity: minor Specific problem: DATA MIGRATION NOT POSSIBLE (1069) Implicitly cleared: true Default probable cause: softwareError (718)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This alarm indicates that the not-running software does not support database migration from the actual database version. A software activation will result in fallback to minimum database.		
Impact: Telecom: None. OAM: None.		
Remedial action: Abort the software replacement and download a compatible software package.		

Table 28-1047 IK4201010 - SW CANNOT BE UPDATED AUTOMATICALLY

Alarm	Attributes	Applicable major releases
Name: IK4201010 (4706) Type: processingErrorAlarm (81) Package: Ite Raised on class: Ite.MODULE	Severity: major Specific problem: SW CANNOT BE UPDATED AUTOMATICALLY (1065) Implicitly cleared: true Default probable cause: softwareError (718)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This alarm indicates a failure to download the software for the new module.		
Impact: Software for the module is not available.		
Remedial action: Check the code server setting. The code server path is accessible via SAM or NEM. Consult the SAM resp. NEM user guide specification to see how to access the code server attribute using either application.		

Table 28-1048 IK4201011 - CURRENT SW DOES NOT SUPPORT THE NEW HW MODULE

Alarm	Attributes	Applicable major releases
Name: IK4201011 (4707) Type: processingErrorAlarm (81) Package: Ite Raised on class: Ite.MODULE	Severity: minor Specific problem: CURRENT SW DOES NOT SUPPORT THE NEW HW MODULE (1066) Implicitly cleared: true Default probable cause: softwareError (718)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This alarm indicates that the current software does not support the hardware.		
Impact: The unit is not functional until the correct software is downloaded.		
Remedial action: Provide a new software package that supports the hardware.		

Table 28-1049 IK4201012 - SW NOT AVAILABLE, DOWNLOAD STARTED

Alarm	Attributes	Applicable major releases
Name: IK4201012 (4708) Type: processingErrorAlarm (81) Package: Ite Raised on class: Ite.MODULE	Severity: warning Specific problem: SW NOT AVAILABLE, DOWNLOAD STARTED (1067) Implicitly cleared: true Default probable cause: softwareError (718)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This alarm indicates that the software is not available and the download is started.		
Impact: The unit is not functional until the software download has completed.		
Remedial action: Wait for the download to complete.		

Table 28-1050 IK4201013 - SW DOWNLOAD/ACTIVATION FAILURE

Alarm	Attributes	Applicable major releases
Name: IK4201013 (4709) Type: processingErrorAlarm (81) Package: Ite Raised on class: Ite.MODULE	Severity: minor Specific problem: SW DOWNLOAD/ACTIVATION FAILURE (1068) Implicitly cleared: true Default probable cause: softwareError (718)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This alarm indicates a failure to download or activate the software for the new module.		
Impact: The unit is not functional until the software download and database migration are successfully completed.		
Remedial action: Reset the impacted module. If the alarm persists, contact the next level of support.		

Table 28-1051 IK4201014 - DATA MIGRATION NOT POSSIBLE

Alarm	Attributes	Applicable major releases
Name: IK4201014 (4710) Type: processingErrorAlarm (81) Package: Ite Raised on class: Ite.MODULE	Severity: minor Specific problem: DATA MIGRATION NOT POSSIBLE (1069) Implicitly cleared: true Default probable cause: softwareError (718)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This alarm indicates that the not-running software does not support database migration from the actual database version. A software activation will result in fallback to the minimum database.		
Impact: The unit is not functional until the software download has completed.		
Remedial action: Abort the software replacement and download a compatible software package.		

Table 28-1052 IK4201015 - SW DOWNLOAD/ACTIVATION FAILURE

Alarm	Attributes	Applicable major releases
Name: IK4201015 (4711) Type: processingErrorAlarm (81) Package: Ite Raised on class: Ite.RFME	Severity: minor Specific problem: SW DOWNLOAD/ACTIVATION FAILURE (1068) Implicitly cleared: true Default probable cause: softwareError (718)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This alarm indicates a failure to download or activate the software for the new module.		
Impact: The unit is not functional until the software download has successfully completed.		
Remedial action: Reset the eNodeB. If the alarm persists, replace the module.		

Table 28-1053 IK4305001 - MODULE SCENARIO ERROR

Alarm	Attributes	Applicable major releases
Name: IK4305001 (2681) Type: processingErrorAlarm (81) Package: lte Raised on class: lte.BBCardSpecifics	Severity: critical Specific problem: MODULE SCENARIO ERROR (1070) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This alarm indicates the scenario failure due to no-response from the module.		
Impact: Telecom: The telecom resources processed by the module are lost as the module is out of service. OAM: No impact on OAM service.		
Remedial action: Reset the module. If the alarm persists, replace the module.		

Table 28-1054 IK4305002 - MODULE SCENARIO ERROR

Alarm	Attributes	Applicable major releases
Name: IK4305002 (2682) Type: processingErrorAlarm (81) Package: lte Raised on class: lte.CBCardSpecifics	Severity: critical Specific problem: MODULE SCENARIO ERROR (1070) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This alarm indicates the scenario failure due to no-response from the module.		
Impact: Telecom: The telecom resources processed by the module are lost as the module is out of service. OAM: No impact on OAM service.		
Remedial action: Reset the module. If the alarm persists, replace the module.		

Table 28-1055 IK4305003 - MODULE SCENARIO ERROR

Alarm	Attributes	Applicable major releases
Name: IK4305003 (2683) Type: processingErrorAlarm (81) Package: lte Raised on class: lte.ENBShelfSpecifics	Severity: critical Specific problem: MODULE SCENARIO ERROR (1070) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This alarm indicates the scenario failure due to no-response from the module.		
Impact: Telecom: The telecom resources processed by the module are lost as the module is out of service. OAM: No impact on OAM service.		
Remedial action: Reset the module. If the alarm persists, replace the module.		

Table 28-1056 IK4305004 - MODULE SCENARIO ERROR

Alarm	Attributes	Applicable major releases
Name: IK4305004 (2684) Type: processingErrorAlarm (81) Package: Ite Raised on class: Ite.RRH	Severity: critical Specific problem: MODULE SCENARIO ERROR (1070) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This alarm indicates the scenario failure due to no-response from the module.		
Impact: Telecom: The telecom resources processed by the module are lost as the module is out of service. OAM: No impact on OAM service.		
Remedial action: Reset the module. If the alarm persists, replace the module.		

Table 28-1057 IK4305005 - MODULE SCENARIO ERROR

Alarm	Attributes	Applicable major releases
Name: IK4305005 (2685) Type: processingErrorAlarm (81) Package: Ite Raised on class: Ite.TRDU	Severity: critical Specific problem: MODULE SCENARIO ERROR (1070) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This alarm indicates the scenario failure due to no-response from the module.		
Impact: Telecom: The telecom resources processed by the module are lost as the module is out of service. OAM: No impact on OAM service.		
Remedial action: Reset the module. If the alarm persists, replace the module.		

Table 28-1058 IK4305006 - MISSING CALLP SUBSCRIPTION

Alarm	Attributes	Applicable major releases
Name: IK4305006 (2686) Type: processingErrorAlarm (81) Package: Ite Raised on class: Ite.CBCardSpecifics	Severity: critical Specific problem: MISSING CALLP SUBSCRIPTION (1071) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This alarm indicates that the CallP instance did not send the subscribe message due to initialization error in the CallP instance.		
Impact: Telecom: The telecom resources processed by the module not operational. OAM: No impact on OAM service.		
Remedial action: Reset the eNodeB.		

Table 28-1059 IK4305007 - MISSING CALLP REQUEST

Alarm	Attributes	Applicable major releases
Name: IK4305007 (2687) Type: processingErrorAlarm (81) Package: Ite Raised on class: Ite.CBCardSpecifics	Severity: critical Specific problem: MISSING CALLP REQUEST (1072) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This alarm indicates that there is no request from any CallP instance for the MIM status.		
Impact: Telecom: The telecom resources processed by the module not operational. OAM: No impact on OAM service.		
Remedial action: Reset the eNodeB.		

Table 28-1060 IK4305009 - INCORRECT FREQUENCY BAND

Alarm	Attributes	Applicable major releases
Name: IK4305009 (2689) Type: equipmentAlarm (3) Package: Ite Raised on class: Ite.CBCardSpecifics	Severity: critical Specific problem: INCORRECT FREQUENCY BAND (1074) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This alarm indicates that the module is not compatible with the frequency band configuration data.		
Impact: The hardware does not support the frequency indicated in the configuration data.		
Remedial action: Verify the frequency band of the module with the configured frequency band. If the alarm persists, replace the module.		

Table 28-1061 IK4305010 - CELL CONFIGURATION FAILURE

Alarm	Attributes	Applicable major releases
Name: IK4305010 (2690) Type: equipmentAlarm (3) Package: Ite Raised on class: Ite.BBCardSpecifics	Severity: major Specific problem: CELL CONFIGURATION FAILURE (1075) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This alarm indicates the failure to configure the cell.		
Impact: Telecom: The telecom service on the cell is disabled. OAM: No impact on OAM service.		
Remedial action: Verify the cell configuration data. Reset the modem and allocate the cell resources.		

Table 28-1062 IK4305012 - INVALID CONFIGURATION DATA

Alarm	Attributes	Applicable major releases
Name: IK4305012 (2692) Type: processingErrorAlarm (81) Package: Ite Raised on class: Ite.CBCardSpecifics	Severity: critical Specific problem: INVALID CONFIGURATION DATA (1077) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This alarm indicates inconsistency in the eNodeB configuration data.		
Impact: Telecom: The cell is not operational. OAM: No impact on OAM service.		
Remedial action: Verify and correct the configuration data.		

Table 28-1063 IK4305013 - IP ADDRESS CONFIGURATION DATA MISMATCH

Alarm	Attributes	Applicable major releases
Name: IK4305013 (2693) Type: processingErrorAlarm (81) Package: Ite Raised on class: Ite.MmeTransportLayerAccess	Severity: major Specific problem: IP ADDRESS CONFIGURATION DATA MISMATCH (1078) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This alarm indicates that the IP address is not well filled for the ipFormat specified in Vlan		
Impact: Telecom: Telecom traffic is not possible. OAM: No impact on OAM service.		
Remedial action: Verify and correct the configuration data.		

Table 28-1064 IK4305014 - IP ADDRESS CONFIGURATION DATA MISMATCH

Alarm	Attributes	Applicable major releases
Name: IK4305014 (2694) Type: processingErrorAlarm (81) Package: Ite Raised on class: Ite.X2TransportLayerAccess	Severity: major Specific problem: IP ADDRESS CONFIGURATION DATA MISMATCH (1078) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This alarm indicates that the IP address is not well filled for the ipFormat specified in Vlan		
Impact: Telecom: Telecom traffic is not possible. OAM: No impact on OAM service.		
Remedial action: Verify and correct the configuration data.		

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Table 28-1065 IK4305015 - CONFIGURED SECTORS RESOURCES MISMATCH VERSUS HARDWARE

Alarm	Attributes	Applicable major releases
Name: IK4305015 (2695) Type: processingErrorAlarm (81) Package: Ite Raised on class: Ite.RRH	Severity: minor Specific problem: CONFIGURED SECTORS RESOURCES MISMATCH VERSUS HARDWARE (1079) Implicitly cleared: true Default probable cause: configurationOrCustomizationError (902)	<ul style="list-style-type: none"> LR14.1.L
Description: This alarm indicates inconsistency in the eNodeB configured sector resources versus the hardware capacity		
Impact: Telecom: the assigned cell is not operational. OAM: No impact on OAM service.		
Remedial action: Verify and correct the configuration data or Verify and correct the hardware configuration		

Table 28-1066 IK4305016 - PRIMARY CPRI PORT CONFIGURATION MISMATCH

Alarm	Attributes	Applicable major releases
Name: IK4305016 (2696) Type: processingErrorAlarm (81) Package: Ite Raised on class: Ite.RRH	Severity: minor Specific problem: PRIMARY CPRI PORT CONFIGURATION MISMATCH (1080) Implicitly cleared: true Default probable cause: configurationOrCustomizationError (902)	<ul style="list-style-type: none"> LR14.1.L LR14.3.L
Description: This alarm indicates the misalignment between primary CPRI port position in MIM configuration and real CPRI port position detected		
Impact: Telecom: the assigned cell is not operational. OAM: No impact on OAM service.		
Remedial action: Verify and correct the configuration data or Verify and correct the hardware configuration		

Table 28-1067 IK4305017 - INVALID TRANSPORT CONFIGURATION DATA

Alarm	Attributes	Applicable major releases
Name: IK4305017 (2697) Type: processingErrorAlarm (81) Package: Ite Raised on class: Ite.CBCardSpecifics	Severity: critical Specific problem: INVALID TRANSPORT CONFIGURATION DATA (1081) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> LR13.3 LR14.1.L LR14.3.L
Description: This alarm indicates an inconsistency in the eNodeB transport configuration data.		
Impact: Telecom: Telecom traffic is not possible. OAM: No impact on OAM service.		
Remedial action: Verify and correct the configuration data.		

Table 28-1068 IK4305018 - PRIMARY IPSEC TUNNEL FAILURE

Alarm	Attributes	Applicable major releases
Name: IK4305018 (2698) Type: processingErrorAlarm (81) Package: Ite Raised on class: Ite.ENBEquipment	Severity: major Specific problem: PRIMARY IPSEC TUNNEL FAILURE (1082) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This alarm indicates the failure of the primary IPsec tunnel.		
Impact: OAM: The OAM service is impacted. OAM traffic is not possible. Telecom: Telecom traffic is not possible if OAM and Telecom are configured in the first VLAN.		
Remedial action: Check the IP Security configuration.		

Table 28-1069 IK4305019 - SECONDARY IPSEC TUNNEL FAILURE

Alarm	Attributes	Applicable major releases
Name: IK4305019 (2699) Type: processingErrorAlarm (81) Package: Ite Raised on class: Ite.ENBEquipment	Severity: critical Specific problem: SECONDARY IPSEC TUNNEL FAILURE (1083) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This alarm indicates the failure of the secondary IPsec tunnel.		
Impact: Telecom: Telecom traffic is not possible. OAM: No impact on OAM service.		
Remedial action: Check the IP Security configuration.		

Table 28-1070 IK4305020 - FACTORY MODE

Alarm	Attributes	Applicable major releases
Name: IK4305020 (2700) Type: equipmentAlarm (3) Package: Ite Raised on class: Ite.ENBEquipment	Severity: warning Specific problem: FACTORY MODE (1084) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This alarm indicates that the eNodeB is not completely configured.		
Impact: Telecom: Telecom traffic is not possible. OAM: No impact on OAM service.		
Remedial action: Complete the eNodeB configuration.		

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Table 28-1071 IK4305021 - VSWR CONFIGURATION FAILURE

Alarm	Attributes	Applicable major releases
Name: IK4305021 (2701) Type: equipmentAlarm (3) Package: lte Raised on class: lte.RRH	Severity: minor Specific problem: VSWR CONFIGURATION FAILURE (1085) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This alarm indicates that the thresholds of the VSWR configuration could not be applied to the eNodeB.		
Impact: Telecom: No impact on telecom service. OAM: No impact on OAM service but VSWR supervision may not be active.		
Remedial action: Verify the correctness of the configuration data. Apply again the data. Reset the eNodeB if it fails.		

Table 28-1072 IK4305022 - VSWR CONFIGURATION FAILURE

Alarm	Attributes	Applicable major releases
Name: IK4305022 (2702) Type: equipmentAlarm (3) Package: lte Raised on class: lte.TRDU	Severity: minor Specific problem: VSWR CONFIGURATION FAILURE (1085) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This alarm indicates that the thresholds of the VSWR configuration could not be applied to the eNodeB.		
Impact: Telecom: No impact on telecom service. OAM: No impact on OAM service but VSWR supervision may not be active.		
Remedial action: Verify the correctness of the configuration data. Apply again the data. Reset the eNodeB if it fails.		

Table 28-1073 IK4305023 - DELAY TIMING OUT OF RANGE

Alarm	Attributes	Applicable major releases
Name: IK4305023 (2703) Type: processingErrorAlarm (81) Package: lte Raised on class: lte.Cell	Severity: critical Specific problem: DELAY TIMING OUT OF RANGE (1086) Implicitly cleared: true Default probable cause: corruptData (910)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This alarm indicates that the delay timing values is out of range.		
Impact: Telecom: Telecom traffic is not possible. OAM: No impact on OAM service.		
Remedial action: 1 - Lock the cell. 2 - Verify the correctness of the configuration data. 3 - Unlock the cell.		

Table 28-1074 IK4305024 - MODULE SCENARIO ERROR

Alarm	Attributes	Applicable major releases
Name: IK4305024 (2704) Type: processingErrorAlarm (81) Package: Ite Raised on class: Ite.AMR	Severity: minor Specific problem: MODULE SCENARIO ERROR (1070) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This alarm indicates the scenario failure due to no-response from the module.		
Impact: Telecom: No impact on traffic. OAM: No impact on OAM service. RF Cabinet alarms may not be reported.		
Remedial action: Reset the module. If the alarm persists, replace the module.		

Table 28-1075 IK4305025 - MODULE SCENARIO ERROR

Alarm	Attributes	Applicable major releases
Name: IK4305025 (2705) Type: processingErrorAlarm (81) Package: Ite Raised on class: Ite.TmaAIdEntry	Severity: major Specific problem: MODULE SCENARIO ERROR (1070) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This alarm indicates the scenario failure due to no-response from the module.		
Impact: Telecom: The telecom resources processed by the module are lost as the module is out of service. OAM: No impact on OAM service.		
Remedial action: Reset the module. If the alarm persists, replace the module.		

Table 28-1076 IK4305026 - MODULE SCENARIO ERROR

Alarm	Attributes	Applicable major releases
Name: IK4305026 (2706) Type: processingErrorAlarm (81) Package: Ite Raised on class: Ite.RetAIdEntry	Severity: minor Specific problem: MODULE SCENARIO ERROR (1070) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This alarm indicates the scenario failure due to no-response from the module.		
Impact: Telecom: No impact on traffic. OAM: No impact on OAM service. Antenna tilt motion may not be available.		
Remedial action: Reset the module. If the alarm persists, replace the module.		

Table 28-1077 IK4305027 - IP ADDRESS CONFIGURATION DATA MISMATCH

Alarm	Attributes	Applicable major releases
Name: IK4305027 (2707) Type: processingErrorAlarm (81) Package: lte Raised on class: lte.ENBEquipment	Severity: major Specific problem: IP ADDRESS CONFIGURATION DATA MISMATCH (1078) Implicitly cleared: true Default probable cause: corruptData (910)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This alarm indicates that the eNodeB performed an autonomous fallback to the previous transport configuration due to lack of OAM connectivity.		
Impact: Telecom: The cell is not operational. OAM: No impact on OAM service if the eNodeB can be connected by the network management system.		
Remedial action: Verify and correct the configuration data.		

Table 28-1078 IK4305028 - TOTAL ROUND TRIP DELAY EXCEEDED

Alarm	Attributes	Applicable major releases
Name: IK4305028 (2708) Type: processingErrorAlarm (81) Package: lte Raised on class: lte.Cell	Severity: critical Specific problem: TOTAL ROUND TRIP DELAY EXCEEDED (1087) Implicitly cleared: true Default probable cause: configurationOrCustomizationError (902)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This alarm indicates that the eNodeB measured total round trip delay exceeds the predefined maximum allowed value as determined by licensing.		
Impact: Telecom: The cell is not operational. OAM: No impact on OAM service.		
Remedial action: Verify setting of isFiberDelayAllowed is consistent with length of BBU to radio link. Parameter isFiberDelayAllowed must be True if BBU to radio link exceeds 500 meters. Verify antennaPathDelayDL and antennaPathDelayUL parameter values. Parameter isDasDelayEnabled must be True if antenna delay exceeds 2100 nanoseconds.		

Table 28-1079 IK4305029 - DELAY COMPENSATION WARNING

Alarm	Attributes	Applicable major releases
Name: IK4305029 (2709) Type: processingErrorAlarm (81) Package: lte Raised on class: lte.Cell	Severity: warning Specific problem: DELAY COMPENSATION WARNING (1088) Implicitly cleared: true Default probable cause: configurationOrCustomizationError (902)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This alarm indicates that the eNodeB delay compensation is not accurate enough.		
Impact: Telecom: The cell might be impacted. OAM: No impact on OAM service.		
Remedial action: Verify delay compensation parameters.		

Table 28-1080 IK4305030 - HW SW CAPABILITY CHECK RADIOCAC FAILURE

Alarm	Attributes	Applicable major releases
Name: IK4305030 (2710) Type: processingErrorAlarm (81) Package: lte Raised on class: lte.Cell	Severity: major Specific problem: HW SW CAPABILITY CHECK RADIOCAC FAILURE (1089) Implicitly cleared: true Default probable cause: configurationOrCustomizationError (902)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This alarm indicates that the configuration parameters, number of users per cell and/or number of data bearers per cell, exceed the HW or SW capabilities of the modem.		
Impact: Telecom: The cell is not operational. OAM: No impact on OAM service.		
Remedial action: Verify and correct the configuration data.		

Table 28-1081 IK4305031 - HW SW CAPABILITY CHECK CELL FAILURE

Alarm	Attributes	Applicable major releases
Name: IK4305031 (2711) Type: processingErrorAlarm (81) Package: lte Raised on class: lte.Cell	Severity: major Specific problem: HW SW CAPABILITY CHECK CELL FAILURE (1090) Implicitly cleared: true Default probable cause: configurationOrCustomizationError (902)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This alarm indicates that the configured bandwidth and/or downlink power of the cell and /or band ID is not in line with the HW capabilities.		
Impact: Telecom: The cell is not operational. OAM: No impact on OAM service.		
Remedial action: Verify and correct the configuration data.		

Table 28-1082 IK4305032 - HW SW CAPABILITY CHECK DOWNGRADE

Alarm	Attributes	Applicable major releases
Name: IK4305032 (2712) Type: processingErrorAlarm (81) Package: lte Raised on class: lte.Cell	Severity: warning Specific problem: HW SW CAPABILITY CHECK DOWNGRADE (1091) Implicitly cleared: true Default probable cause: configurationOrCustomizationError (902)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This alarm indicates that the configuration data is inconsistent with the HW and SW capabilities of the eNodeB. OAM has downgraded the configured data to be in line with the HW and SW capabilities.		
Impact: Telecom: The cell is operational but degraded. OAM: No impact on OAM service.		
Remedial action: Verify and correct the configuration data.		

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Table 28-1083 IK4305033 - DELAY COMPENSATION FAILURE

Alarm	Attributes	Applicable major releases
Name: IK4305033 (2713) Type: processingErrorAlarm (81) Package: lte Raised on class: lte.Cell	Severity: critical Specific problem: DELAY COMPENSATION FAILURE (1092) Implicitly cleared: true Default probable cause: configurationOrCustomizationError (902)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This alarm indicates that the eNodeB is unable to compute a valid downlink/uplink frame offset value for the modem.		
Impact: Telecom: The cell is not operational. OAM: No impact on OAM service.		
Remedial action: Verify the fiber length between the controller board and the remote radio head. Verify the antenna cable length. Verify the delay compensation parameters.		

Table 28-1084 IK4305034 - DELAY COMPENSATION HW CAPABILITY FAILURE

Alarm	Attributes	Applicable major releases
Name: IK4305034 (2714) Type: processingErrorAlarm (81) Package: lte Raised on class: lte.Cell	Severity: critical Specific problem: DELAY COMPENSATION HW CAPABILITY FAILURE (1093) Implicitly cleared: true Default probable cause: configurationOrCustomizationError (902)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This alarm indicates that the eNodeB is unable to compute a valid downlink/uplink frame offset value for the modem because of hardware constraints.		
Impact: Telecom: The cell is not operational. OAM: No impact on OAM service.		
Remedial action: Verify the hardware capabilities of the controller and of the remote radio head.		

Table 28-1085 IK4305035 - MISSING MODEM RESOURCES FOR CONFIGURED LTECELL

Alarm	Attributes	Applicable major releases
Name: IK4305035 (3230) Type: equipmentAlarm (3) Package: lte Raised on class: lte.Cell	Severity: warning Specific problem: MISSING MODEM RESOURCES FOR CONFIGURED LTECELL (1094) Implicitly cleared: true Default probable cause: configurationOrCustomizationError (902)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This alarm indicates that there are not enough modem resources available to support the configured cell.		
Impact: Telecom: The cell is not operational. OAM: No impact on OAM service.		
Remedial action: Verify and correct the configuration data.		

Table 28-1086 IK4305036 - MISSING RFM FOR CONFIGURED LTECELL

Alarm	Attributes	Applicable major releases
Name: IK4305036 (3231) Type: equipmentAlarm (3) Package: Ite Raised on class: Ite.Cell	Severity: warning Specific problem: MISSING RFM FOR CONFIGURED LTECELL (1095) Implicitly cleared: true Default probable cause: configurationOrCustomizationError (902)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This alarm indicates that there are no sectors or RFMs available to support the configured cell.		
Impact: Telecom: The cell is not operational. OAM: No impact on OAM service.		
Remedial action: Verify and correct the configuration data.		

Table 28-1087 IK4305037 - RFM EQUIPPED WITHOUT LTECELL CONFIGURATION

Alarm	Attributes	Applicable major releases
Name: IK4305037 (3232) Type: equipmentAlarm (3) Package: Ite Raised on class: Ite.RRH	Severity: warning Specific problem: RFM EQUIPPED WITHOUT LTECELL CONFIGURATION (1096) Implicitly cleared: true Default probable cause: configurationOrCustomizationError (902)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This alarm indicates that there is a RRH equipped but no cell is mapped on the sector.		
Impact: Telecom: The sector is not providing telecom services. OAM: No impact on OAM service.		
Remedial action: Verify and correct the configuration data.		

Table 28-1088 IK4305038 - RFM EQUIPPED WITHOUT LTECELL CONFIGURATION

Alarm	Attributes	Applicable major releases
Name: IK4305038 (3233) Type: equipmentAlarm (3) Package: Ite Raised on class: Ite.TRDU	Severity: warning Specific problem: RFM EQUIPPED WITHOUT LTECELL CONFIGURATION (1096) Implicitly cleared: true Default probable cause: configurationOrCustomizationError (902)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This alarm indicates that there is a TRDU equipped but no cell is mapped on the sector.		
Impact: Telecom: The sector is not providing telecom services. OAM: No impact on OAM service.		
Remedial action: Verify and correct the configuration data.		

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Table 28-1089 IK4305039 - BB EQUIPPED WITHOUT LTECELL CONFIGURATION

Alarm	Attributes	Applicable major releases
Name: IK4305039 (3234) Type: equipmentAlarm (3) Package: Ite Raised on class: Ite.BBCardSpecifics	Severity: warning Specific problem: BB EQUIPPED WITHOUT LTECELL CONFIGURATION (1097) Implicitly cleared: true Default probable cause: configurationOrCustomizationError (902)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This alarm indicates that there is a modem equipped but no cell is mapped.		
Impact: Telecom: The modem board does not provide telecom services. OAM: No impact on OAM service.		
Remedial action: Verify and correct the configuration data.		

Table 28-1090 IK4305040 - HW SW CAPABILITY ANTENNA CONFIGURATION FAILURE

Alarm	Attributes	Applicable major releases
Name: IK4305040 (3235) Type: equipmentAlarm (3) Package: Ite Raised on class: Ite.Cell	Severity: warning Specific problem: HW SW CAPABILITY ANTENNA CONFIGURATION FAILURE (1098) Implicitly cleared: true Default probable cause: configurationOrCustomizationError (902)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This alarm indicates that the antenna configuration data is inconsistent with the hardware and software capabilities of the eNodeB.		
Impact: Telecom: The cell is not operational. OAM: No impact on OAM service.		
Remedial action: Verify and correct the configuration data.		

Table 28-1091 IK4305041 - HW SW CAPABILITY DLEARFCN VIOLATE LOWER BANDEDGE

Alarm	Attributes	Applicable major releases
Name: IK4305041 (3236) Type: equipmentAlarm (3) Package: Ite Raised on class: Ite.Cell	Severity: major Specific problem: HW SW CAPABILITY DLEARFCN VIOLATE LOWER BANDEDGE (1099) Implicitly cleared: true Default probable cause: configurationOrCustomizationError (902)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This alarm indicates that the configured downlink EARFCN with the configured bandwidth violate the lower operating band edge.		
Impact: Telecom: The cell is not operational. OAM: No impact on OAM service.		
Remedial action: Verify and correct the configuration data.		

Table 28-1092 IK4305042 - HW SW CAPABILITY DLEARFCN VIOLATE UPPER BANDEDGE

Alarm	Attributes	Applicable major releases
Name: IK4305042 (3237) Type: equipmentAlarm (3) Package: Ite Raised on class: Ite.Cell	Severity: major Specific problem: HW SW CAPABILITY DLEARFCN VIOLATE UPPER BANDEDGE (1100) Implicitly cleared: true Default probable cause: configurationOrCustomizationError (902)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This alarm indicates that the configured downlink EARFCN with the configured bandwidth violate the upper operating band edge.		
Impact: Telecom: The cell is not operational. OAM: No impact on OAM service.		
Remedial action: Verify and correct the configuration data.		

Table 28-1093 IK4305043 - HW SW CAPABILITY ULEARFCN VIOLATE LOWER BANDEDGE

Alarm	Attributes	Applicable major releases
Name: IK4305043 (3238) Type: equipmentAlarm (3) Package: Ite Raised on class: Ite.Cell	Severity: major Specific problem: HW SW CAPABILITY ULEARFCN VIOLATE LOWER BANDEDGE (1101) Implicitly cleared: true Default probable cause: configurationOrCustomizationError (902)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This alarm indicates that the configured uplink EARFCN with the configured bandwidth violate the lower operating band edge.		
Impact: Telecom: The cell is not operational. OAM: No impact on OAM service.		
Remedial action: Verify and correct the configuration data.		

Table 28-1094 IK4305044 - HW SW CAPABILITY ULEARFCN VIOLATE UPPER BANDEDGE

Alarm	Attributes	Applicable major releases
Name: IK4305044 (3239) Type: equipmentAlarm (3) Package: Ite Raised on class: Ite.Cell	Severity: major Specific problem: HW SW CAPABILITY ULEARFCN VIOLATE UPPER BANDEDGE (1102) Implicitly cleared: true Default probable cause: configurationOrCustomizationError (902)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This alarm indicates that the configured uplink EARFCN with the configured bandwidth violate the upper operating band edge.		
Impact: Telecom: The cell is not operational. OAM: No impact on OAM service.		
Remedial action: Verify and correct the configuration data.		

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Table 28-1095 IK4305045 - HW SW CAPABILITY RACK DOES NOT SUPPORT MODEM

Alarm	Attributes	Applicable major releases
Name: IK4305045 (3240) Type: equipmentAlarm (3) Package: Ite Raised on class: Ite.BBCardSpecifics	Severity: major Specific problem: HW SW CAPABILITY RACK DOES NOT SUPPORT MODEM (1103) Implicitly cleared: true Default probable cause: configurationOrCustomizationError (902)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This alarm indicates that the equipped modem version is not support by d2u rack version.		
Impact: Telecom: The modem board is not operational and can not provide telecom services. OAM: No impact on OAM service.		
Remedial action: Verify and correct the equipment configuration.		

Table 28-1096 IK4305046 - LOSS OF GEO LOC PHASE SYNC

Alarm	Attributes	Applicable major releases
Name: IK4305046 (3241) Type: equipmentAlarm (3) Package: Ite Raised on class: Ite.ENBEquipment	Severity: major Specific problem: LOSS OF GEO LOC PHASE SYNC (1104) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This alarm indicates that OTDOA accuracy can no longer be guaranteed due to loss of GPS reference.		
Impact: PRS transmission disabled so OTDOA service is no longer supported. Telecom traffic is still possible. No impact on OAM service.		
Remedial action: Check GPS timing reference.		

Table 28-1097 IK4305047 - CDMA PHASE SYNC HOLDOVER TIMER EXPIRED

Alarm	Attributes	Applicable major releases
Name: IK4305047 (3242) Type: equipmentAlarm (3) Package: Ite Raised on class: Ite.ENBEquipment	Severity: major Specific problem: CDMA PHASE SYNC HOLDOVER TIMER EXPIRED (1105) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This alarm indicates that the phase sync holdover time expired. The LTE to HRPD enhanced non optimized handover is no longer possible.		
Impact: Telecom: LTE to HRDP enhanced handover not possible. OAM: None.		
Remedial action: Resolve faulty references.		

Table 28-1098 IK4305048 - CT NOT STARTED DUE TO ACTIVE DDT

Alarm	Attributes	Applicable major releases
Name: IK4305048 (3243) Type: processingErrorAlarm (81) Package: lte Raised on class: lte.ENBEquipment	Severity: minor Specific problem: CT NOT STARTED DUE TO ACTIVE DDT (1106) Implicitly cleared: true Default probable cause: configurationOrCustomizationError (902)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This alarm indicates that call trace could not be started because dynamic debug trace is already active.		
Impact: Telecom: No impact on telecom service. OAM: No impact on OAM service.		
Remedial action: Verify and correct the configuration data.		

Table 28-1099 IK4305049 - DDT NOT STARTED DUE TO ACTIVE CT

Alarm	Attributes	Applicable major releases
Name: IK4305049 (3244) Type: processingErrorAlarm (81) Package: lte Raised on class: lte.ENBEquipment	Severity: minor Specific problem: DDT NOT STARTED DUE TO ACTIVE CT (1107) Implicitly cleared: true Default probable cause: configurationOrCustomizationError (902)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This alarm indicates that dynamic debug trace could not be started because call trace is already active.		
Impact: Telecom: No impact on telecom service. OAM: No impact on OAM service.		
Remedial action: Verify and correct the configuration data.		

Table 28-1100 IK4305050 - TRACE CONFIGURATION FAILURE

Alarm	Attributes	Applicable major releases
Name: IK4305050 (3245) Type: processingErrorAlarm (81) Package: lte Raised on class: lte.ENBEquipment	Severity: minor Specific problem: TRACE CONFIGURATION FAILURE (1108) Implicitly cleared: true Default probable cause: configurationOrCustomizationError (902)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This alarm indicates that the trace server destination could not be configured.		
Impact: Telecom: No impact on telecom service. OAM: No impact on OAM service.		
Remedial action: Verify and correct the configuration data. If the problem persists, reset the eNodeB.		

Table 28-1101 IK4305051 - UNCOMPLETE ENB SCENARIO RELATED TO CELL

Alarm	Attributes	Applicable major releases
Name: IK4305051 (3246) Type: processingErrorAlarm (81) Package: Ite Raised on class: Ite.Cell	Severity: critical Specific problem: UNCOMPLETE ENB SCENARIO RELATED TO CELL (1109) Implicitly cleared: true Default probable cause: softwareError (718)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This alarm indicates that the Cell Setup scenario failed due to a missing or incomplete internal action.		
Impact: Telecom: The cell is not operational. OAM: No impact on OAM service.		
Remedial action: Perform lock/unlock on the impacted cell. If needed, perform eNodeB reset.		

Table 28-1102 IK4305052 - FEATURE UNLIMITED PRB LICENSE NOT SUPPORTED

Alarm	Attributes	Applicable major releases
Name: IK4305052 (3247) Type: equipmentAlarm (3) Package: Ite Raised on class: Ite.ENBEquipment	Severity: warning Specific problem: FEATURE UNLIMITED PRB LICENSE NOT SUPPORTED (1110) Implicitly cleared: true Default probable cause: configurationOrCustomizationError (902)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This alarm indicates a modem type feature mismatch, feature UnlimitedPRBLicense is disabled by eNodeB OAM.		
Impact: No impact on eNodeB except for the feature UnlimitedPRBLicense which is disabled.		
Remedial action: Ensure compatibility between the eNodeB configuration data and the equipped modem type.		

Table 28-1103 IK4305053 - FEATURE MOBILITY TO 1XRTT NOT SUPPORTED

Alarm	Attributes	Applicable major releases
Name: IK4305053 (3248) Type: equipmentAlarm (3) Package: Ite Raised on class: Ite.ENBEquipment	Severity: warning Specific problem: FEATURE MOBILITY TO 1XRTT NOT SUPPORTED (1111) Implicitly cleared: true Default probable cause: configurationOrCustomizationError (902)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This alarm indicates a modem type feature mismatch, MobilityTo1xRTT feature disabled by eNodeB OAM.		
Impact: No impact on eNodeB except for the feature MobilityTo1xRTT which is disabled.		
Remedial action: Ensure compatibility between the eNodeB configuration data and the equipped modem type.		

Table 28-1104 IK4305054 - FEATURE UE CATEGORY 4 NOT SUPPORTED

Alarm	Attributes	Applicable major releases
Name: IK4305054 (3249) Type: equipmentAlarm (3) Package: lte Raised on class: lte.ENBEquipment	Severity: warning Specific problem: FEATURE UE CATEGORY 4 NOT SUPPORTED (1112) Implicitly cleared: true Default probable cause: configurationOrCustomizationError (902)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This alarm indicates a modem type feature mismatch, UeCategory4 feature disabled by eNodeB OAM.		
Impact: No impact on eNodeB except for the feature UeCategory4 which is disabled.		
Remedial action: Ensure compatibility between the eNodeB configuration data and the equipped modem type.		

Table 28-1105 IK4305055 - FEATURE SPS NOT SUPPORTED

Alarm	Attributes	Applicable major releases
Name: IK4305055 (3250) Type: equipmentAlarm (3) Package: lte Raised on class: lte.ENBEquipment	Severity: warning Specific problem: FEATURE SPS NOT SUPPORTED (1113) Implicitly cleared: true Default probable cause: configurationOrCustomizationError (902)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This alarm indicates a modem type feature mismatch, Sps feature is disabled by eNodeB OAM.		
Impact: No impact on eNodeB except for the feature Sps which is disabled.		
Remedial action: Ensure compatibility between the eNodeB configuration data and the equipped modem type.		

Table 28-1106 IK4305056 - FEATURE ROHC NOT SUPPORTED

Alarm	Attributes	Applicable major releases
Name: IK4305056 (3251) Type: equipmentAlarm (3) Package: lte Raised on class: lte.ENBEquipment	Severity: warning Specific problem: FEATURE ROHC NOT SUPPORTED (1114) Implicitly cleared: true Default probable cause: configurationOrCustomizationError (902)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This alarm indicates a modem type feature mismatch, Rohc feature is disabled by eNodeB OAM.		
Impact: No impact on eNodeB except for the feature Rohc which is disabled.		
Remedial action: Ensure compatibility between the eNodeB configuration data and the equipped modem type.		

Table 28-1107 IK4305057 - FEATURE ECID NOT SUPPORTED

Alarm	Attributes	Applicable major releases
Name: IK4305057 (3252) Type: equipmentAlarm (3) Package: lte Raised on class: lte.ENBEquipment	Severity: warning Specific problem: FEATURE ECID NOT SUPPORTED (1115) Implicitly cleared: true Default probable cause: configurationOrCustomizationError (902)	<ul style="list-style-type: none"> LR13.3
Description: This alarm indicates a modem type feature mismatch, Ecid feature is disabled by eNodeB OAM.		
Impact: No impact on eNodeB except for the feature Ecid which is disabled.		
Remedial action: Ensure compatibility between the eNodeB configuration data and the equipped modem type.		

Table 28-1108 IK4305058 - FEATURE OTDOA HEARABILITY ENHANCEMENT SUPPORT NOT SUPPORTED

Alarm	Attributes	Applicable major releases
Name: IK4305058 (3253) Type: equipmentAlarm (3) Package: lte Raised on class: lte.ENBEquipment	Severity: warning Specific problem: FEATURE OTDOA HEARABILITY ENHANCEMENT SUPPORT NOT SUPPORTED (1116) Implicitly cleared: true Default probable cause: configurationOrCustomizationError (902)	<ul style="list-style-type: none"> LR13.3
Description: This alarm indicates a modem type feature mismatch, OTDOAHearabilityEnhancement feature is disabled by eNodeB OAM.		
Impact: No impact on eNodeB except for the feature OTDOAHearabilityEnhancement which is disabled.		
Remedial action: Ensure compatibility between the eNodeB configuration data and the equipped modem type.		

Table 28-1109 IK4305059 - FEATURE 4 RX DIVERSITY NOT SUPPORTED

Alarm	Attributes	Applicable major releases
Name: IK4305059 (3254) Type: equipmentAlarm (3) Package: lte Raised on class: lte.Cell	Severity: warning Specific problem: FEATURE 4 RX DIVERSITY NOT SUPPORTED (1117) Implicitly cleared: true Default probable cause: configurationOrCustomizationError (902)	<ul style="list-style-type: none"> LR13.3 LR14.1.L LR14.3.L
Description: This alarm indicates a modem type feature 4RxDiversity mismatch, LteCell is operating in degraded mode.		
Impact: No impact on eNodeB except for the feature 4RxDiversity which is disabled.		
Remedial action: Ensure compatibility between the eNodeB configuration data and the equipped modem type.		

Table 28-1110 IK4305060 - FEATURE SYNC SIGNALS DIVERSITY NOT SUPPORTED

Alarm	Attributes	Applicable major releases
Name: IK4305060 (3255) Type: equipmentAlarm (3) Package: Ite Raised on class: Ite.Cell	Severity: warning Specific problem: FEATURE SYNC SIGNALS DIVERSITY NOT SUPPORTED (1118) Implicitly cleared: true Default probable cause: configurationOrCustomizationError (902)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This alarm indicates a modem type feature mismatch, SyncSignalsDiversity feature is disabled by eNodeB OAM.		
Impact: No impact on eNodeB except for the feature SyncSignalsDiversity which is disabled.		
Remedial action: Ensure compatibility between the eNodeB configuration data and the equipped modem type.		

Table 28-1111 IK4305061 - FEATURE NOT SUPPORTED

Alarm	Attributes	Applicable major releases
Name: IK4305061 (3256) Type: equipmentAlarm (3) Package: Ite Raised on class: Ite.Cell	Severity: warning Specific problem: FEATURE NOT SUPPORTED (1119) Implicitly cleared: true Default probable cause: configurationOrCustomizationError (902)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This alarm indicates a modem type feature mismatch, feature is disabled by OAM.		
Impact: No impact on eNodeB except for the feature which is disabled.		
Remedial action: Ensure compatibility between the eNodeB configuration data and the equipped modem type.		

Table 28-1112 IK4305065 - TMA SOFTWARE DOWNLOAD FAILURE

Alarm	Attributes	Applicable major releases
Name: IK4305065 (3260) Type: processingErrorAlarm (81) Package: Ite Raised on class: Ite.TmaAldEntry	Severity: minor Specific problem: TMA SOFTWARE DOWNLOAD FAILURE (1123) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This alarm indicates that the software download to the TMA unit failed.		
Impact: The telecom service may be degraded because of missing TMA amplification.		
Remedial action: Retry the download. If the problem persists, contact the next level support.		

Table 28-1113 IK4305066 - RET SOFTWARE DOWNLOAD FAILURE

Alarm	Attributes	Applicable major releases
Name: IK4305066 (3261) Type: processingErrorAlarm (81) Package: Ite Raised on class: Ite.RetAldEntry	Severity: minor Specific problem: RET SOFTWARE DOWNLOAD FAILURE (1124) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This alarm indicates that the software download to the RET unit failed.		
Impact: No impact on eNodeB except that the antenna tilting can not be changed.		
Remedial action: Retry the download. If the problem persists, contact the next level support.		

Table 28-1114 IK4305067 - RET ANTENNA CONFIGURATION FILE DOWNLOAD FAILURE

Alarm	Attributes	Applicable major releases
Name: IK4305067 (3262) Type: processingErrorAlarm (81) Package: Ite Raised on class: Ite.RetAldEntry	Severity: minor Specific problem: RET ANTENNA CONFIGURATION FILE DOWNLOAD FAILURE (1125) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This alarm indicates that the configuration file download to the RET unit failed.		
Impact: No impact on eNodeB except that the antenna tilting can not be changed.		
Remedial action: Retry the download. If the problem persists, contact the next level support.		

Table 28-1115 IK4305068 - ANTENNA PATH LOST

Alarm	Attributes	Applicable major releases
Name: IK4305068 (3263) Type: equipmentAlarm (3) Package: Ite Raised on class: Ite.Cell	Severity: warning Specific problem: ANTENNA PATH LOST (1126) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This alarm indicates that at least one antenna path of that cell is lost and that the cell operates in degraded mode (e.g. SIMO/SISO instead of MIMO).		
Impact: Telecom: The cell is still operational, but operates in degraded mode. OAM: No impact on OAM service.		
Remedial action: Verify the antennas and the RFM, belonging to the cell.		

Table 28-1116 IK4305069 - UNKNOWN FAULT

Alarm	Attributes	Applicable major releases
Name: IK4305069 (3264) Type: processingErrorAlarm (81) Package: Ite Raised on class: Ite.CBCardSpecifics	Severity: warning Specific problem: UNKNOWN FAULT (1127) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This alarm indicates that the OAM layer of the eNodeB received an unknown fault from an other software layer. A specific handling of this unknown fault is not possible. Eventually available information about the unknown fault is provided in the alarm additional information attribute.		
Impact: The impact on the eNodeB depends on the nature of the unknown fault.		
Remedial action: Contact the next level of support.		

Table 28-1117 IK4305070 - 3GPP TEST MODE CONFIGURATION FAILURE

Alarm	Attributes	Applicable major releases
Name: IK4305070 (3265) Type: processingErrorAlarm (81) Package: Ite Raised on class: Ite.Cell	Severity: warning Specific problem: 3GPP TEST MODE CONFIGURATION FAILURE (1128) Implicitly cleared: true Default probable cause: configurationOrCustomizationError (902)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This alarm indicates that during the configuration of the 3GPP test mode the call processing layer or the modem software failed to process the provided configuration.		
Impact: The configuration of the desired 3GPP test mode on the cell failed. The test can not be started.		
Remedial action: Check and correct the configuration data. Lock/unlock the cell. If the problem persists, contact the next level support.		

Table 28-1118 IK4305071 - CELL DIV IMBALANCE THRESHOLD EXCEEDED

Alarm	Attributes	Applicable major releases
Name: IK4305071 (3266) Type: equipmentAlarm (3) Package: Ite Raised on class: Ite.Cell	Severity: warning Specific problem: CELL DIV IMBALANCE THRESHOLD EXCEEDED (1129) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This alarm indicates the exceedance of the imbalance threshold between the diversity receive signals.		
Impact: No impact on eNodeB.		
Remedial action: Check the antennas and antenna cables and connections. If the problem persists then replace the RFM.		

Table 28-1119 IK4305072 - OAM CELL FAULT 1

Alarm	Attributes	Applicable major releases
Name: IK4305072 (3267) Type: processingErrorAlarm (81) Package: Ite Raised on class: Ite.Cell	Severity: warning Specific problem: OAM CELL FAULT 1 (1130) Implicitly cleared: true Default probable cause: configurationOrCustomizationError (902)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: Provisioned for late churn-in. This is a spare alarm for future use.		
Impact: Unknown.		
Remedial action: Call the next level of support.		

Table 28-1120 IK4305073 - OAM CELL FAULT 2

Alarm	Attributes	Applicable major releases
Name: IK4305073 (3268) Type: processingErrorAlarm (81) Package: Ite Raised on class: Ite.Cell	Severity: warning Specific problem: OAM CELL FAULT 2 (1131) Implicitly cleared: true Default probable cause: configurationOrCustomizationError (902)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: Provisioned for late churn-in. This is a spare alarm for future use.		
Impact: Unknown.		
Remedial action: Call the next level of support.		

Table 28-1121 IK4305074 - OAM CELL FAULT 3

Alarm	Attributes	Applicable major releases
Name: IK4305074 (3269) Type: processingErrorAlarm (81) Package: Ite Raised on class: Ite.Cell	Severity: warning Specific problem: OAM CELL FAULT 3 (1132) Implicitly cleared: true Default probable cause: configurationOrCustomizationError (902)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: Provisioned for late churn-in. This is a spare alarm for future use.		
Impact: Unknown.		
Remedial action: Call the next level of support.		

Table 28-1122 IK4305075 - OAM CELL FAULT 4

Alarm	Attributes	Applicable major releases
Name: IK4305075 (3270) Type: processingErrorAlarm (81) Package: Ite Raised on class: Ite.Cell	Severity: warning Specific problem: OAM CELL FAULT 4 (1133) Implicitly cleared: true Default probable cause: configurationOrCustomizationError (902)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: Provisioned for late churn-in. This is a spare alarm for future use.		
Impact: Unknown.		
Remedial action: Call the next level of support.		

Table 28-1123 IK4305076 - OAM CELL FAULT 5

Alarm	Attributes	Applicable major releases
Name: IK4305076 (3271) Type: processingErrorAlarm (81) Package: Ite Raised on class: Ite.Cell	Severity: warning Specific problem: OAM CELL FAULT 5 (1134) Implicitly cleared: true Default probable cause: configurationOrCustomizationError (902)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: Provisioned for late churn-in. This is a spare alarm for future use.		
Impact: Unknown.		
Remedial action: Call the next level of support.		

Table 28-1124 IK4305077 - FEATURE GEO LOC PHASE SYNCH NOT SUPPORTED

Alarm	Attributes	Applicable major releases
Name: IK4305077 (3664) Type: equipmentAlarm (3) Package: Ite Raised on class: Ite.ENBEquipment	Severity: warning Specific problem: FEATURE GEO LOC PHASE SYNCH NOT SUPPORTED (1135) Implicitly cleared: true Default probable cause: configurationOrCustomizationError (902)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This alarm indicates a modem type feature mismatch, Geo loc phase synch feature is disabled by eNodeB OAM.		
Impact: No impact on eNodeB except for the feature Geo loc phase synch which is disabled.		
Remedial action: Ensure compatibility between the eNodeB configuration data and the equipped modem type.		

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Table 28-1125 IK4305078 - FEATURE IMS EMERGENCY CALL NOT SUPPORTED

Alarm	Attributes	Applicable major releases
Name: IK4305078 (3665) Type: equipmentAlarm (3) Package: Ite Raised on class: Ite.ENBEquipment	Severity: warning Specific problem: FEATURE IMS EMERGENCY CALL NOT SUPPORTED (1136) Implicitly cleared: true Default probable cause: configurationOrCustomizationError (902)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This alarm indicates a modem type feature mismatch, IMS emergency call feature is disabled by eNodeB OAM.		
Impact: No impact on eNodeB except for the feature IMS emergency call which is disabled.		
Remedial action: Ensure compatibility between the eNodeB configuration data and the equipped modem type.		

Table 28-1126 IK4305079 - FEATURE RACH 2 FORMAT NOT SUPPORTED

Alarm	Attributes	Applicable major releases
Name: IK4305079 (3666) Type: equipmentAlarm (3) Package: Ite Raised on class: Ite.Cell	Severity: critical Specific problem: FEATURE RACH 2 FORMAT NOT SUPPORTED (1137) Implicitly cleared: true Default probable cause: configurationOrCustomizationError (902)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This alarm indicates a modem type feature RACH 2 format mismatch, LteCell is disabled by OAM.		
Impact: Telecom: The cell is not operational. OAM: No impact on OAM service.		
Remedial action: 1 - Lock the cell. 2 - Ensure compatibility between the eNodeB configuration data and the equipped modem type. 3 - Unlock the cell.		

Table 28-1127 IK4305080 - FEATURE DAS DELAY NOT SUPPORTED

Alarm	Attributes	Applicable major releases
Name: IK4305080 (3667) Type: equipmentAlarm (3) Package: Ite Raised on class: Ite.Cell	Severity: critical Specific problem: FEATURE DAS DELAY NOT SUPPORTED (1138) Implicitly cleared: true Default probable cause: configurationOrCustomizationError (902)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This alarm indicates a modem type feature DAS delay mismatch, LteCell is disabled by OAM.		
Impact: Telecom: The cell is not operational. OAM: No impact on OAM service.		
Remedial action: 1 - Lock the cell. 2 -Ensure compatibility between the eNodeB configuration data and the equipped modem type. 3 - Unlock the cell.		

Table 28-1128 IK4305082 - ALL ANTENNA PATHS LOST

Alarm	Attributes	Applicable major releases
Name: IK4305082 (3669) Type: equipmentAlarm (3) Package: lte Raised on class: lte.Cell	Severity: major Specific problem: ALL ANTENNA PATHS LOST (1140) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This alarm indicates that all antenna paths of that cell are lost and that the cell is disabled.		
Impact: Telecom: The cell is not operational. OAM: No impact on OAM service.		
Remedial action: Verify the antennas and the RFM, belonging to the cell.		

Table 28-1129 IK4305083 - FEATURE LONG FIBER NOT SUPPORTED

Alarm	Attributes	Applicable major releases
Name: IK4305083 (3670) Type: equipmentAlarm (3) Package: lte Raised on class: lte.Cell	Severity: critical Specific problem: FEATURE LONG FIBER NOT SUPPORTED (1141) Implicitly cleared: true Default probable cause: configurationOrCustomizationError (902)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This alarm indicates a modem type feature long fibre delay mismatch, lteCell is disabled by OAM.		
Impact: Equipped modem type does not support long fiber lengths, lteCell is disabled by eNodeB OAM.		
Remedial action: Ensure compatibility between the eNodeB configuration data and the equipped modem type.		

Table 28-1130 IK4305084 - INCOMPATIBLE CONFIGURATION MAJOR

Alarm	Attributes	Applicable major releases
Name: IK4305084 (3671) Type: equipmentAlarm (3) Package: lte Raised on class: lte.RFM	Severity: major Specific problem: INCOMPATIBLE CONFIGURATION MAJOR (1142) Implicitly cleared: true Default probable cause: configurationOrCustomizationError (902)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: The LTE controller has encountered an error while configuring this RE, possibly due to an incompatibility in the interface between controller and RE. As a result a cell assigned to this RE cannot be configured and activated.		
Impact: All cells assigned to the impacted RE, can not be configured or activated.		
Remedial action: Reconfigure the RE to correct the value of any parameter described in the alarm additional information.		

Table 28-1131 IK4305085 - INCOMPATIBLE CONFIGURATION WARNING

Alarm	Attributes	Applicable major releases
Name: IK4305085 (3672) Type: equipmentAlarm (3) Package: lte Raised on class: lte.RFM	Severity: warning Specific problem: INCOMPATIBLE CONFIGURATION WARNING (1143) Implicitly cleared: true Default probable cause: configurationOrCustomizationError (902)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: The LTE controller has encountered an error while configuring the RE but the cell(s) on this RE can still be activated.		
Impact: The cell(s) on the impacted MSRE may not be fully operational.		
Remedial action: Reconfigure the RE to correct the value of any parameter described in the alarm additional information. If this is a multistandard RE and the parameter applies to a common resource of the RE then the value must be Unset.		

Table 28-1132 IK4305086 - LOCAL CELL POWER LIMIT EXCEEDED

Alarm	Attributes	Applicable major releases
Name: IK4305086 (3673) Type: equipmentAlarm (3) Package: lte Raised on class: lte.RFM	Severity: minor Specific problem: LOCAL CELL POWER LIMIT EXCEEDED (1144) Implicitly cleared: true Default probable cause: configurationOrCustomizationError (902)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: The downlink total power for a cell assigned to this RE exceeds the Local Cell Power Limit set at installation time.		
Impact: All cells assigned to the impacted RE, can not be configured or activated.		
Remedial action: Reconfigure the cell of this RE: set the power to be less than or equal to the local cell power limit defined for this MSRE at installation time.		

Table 28-1133 IK4305088 - CONFIGURATION DATA MISMATCH VERSUS HARDWARE

Alarm	Attributes	Applicable major releases
Name: IK4305088 (3828) Type: processingErrorAlarm (81) Package: lte Raised on class: lte.RRH	Severity: warning Specific problem: CONFIGURATION DATA MISMATCH VERSUS HARDWARE (1146) Implicitly cleared: true Default probable cause: configurationOrCustomizationError (902)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This alarm indicates inconsistency in the eNodeB configuration data versus the equipped hardware.		
Impact: Telecom: The affected hardware and the assigned cell is not operational. OAM: No impact on OAM service.		
Remedial action: Verify and correct the configuration data. Verify and correct the hardware configuration		

Table 28-1134 IK4305089 - CONFIGURATION DATA MISMATCH VERSUS HARDWARE

Alarm	Attributes	Applicable major releases
Name: IK4305089 (3829) Type: processingErrorAlarm (81) Package: lte Raised on class: lte.TRDU	Severity: warning Specific problem: CONFIGURATION DATA MISMATCH VERSUS HARDWARE (1146) Implicitly cleared: true Default probable cause: configurationOrCustomizationError (902)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This alarm indicates inconsistency in the eNodeB configuration data versus the equipped hardware.		
Impact: Telecom: The affected hardware and the assigned cell is not operational. OAM: No impact on OAM service.		
Remedial action: Verify and correct the configuration data. Verify and correct the hardware configuration		

Table 28-1135 IK4305090 - CONFIGURATION DATA MISMATCH VERSUS HARDWARE

Alarm	Attributes	Applicable major releases
Name: IK4305090 (3830) Type: processingErrorAlarm (81) Package: lte Raised on class: lte.ENBEquipment	Severity: warning Specific problem: CONFIGURATION DATA MISMATCH VERSUS HARDWARE (1146) Implicitly cleared: true Default probable cause: configurationOrCustomizationError (902)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This alarm indicates inconsistency in the eNodeB configuration data versus the equipped hardware.		
Impact: Telecom: The affected hardware and the assigned cell is not operational. OAM: No impact on OAM service.		
Remedial action: Verify and correct the configuration data. Verify and correct the hardware configuration		

Table 28-1136 IK4305091 - HW SW CAPABILITY CHECK ANTENNA PORT

Alarm	Attributes	Applicable major releases
Name: IK4305091 (3831) Type: processingErrorAlarm (81) Package: lte Raised on class: lte.ENBEquipment	Severity: warning Specific problem: HW SW CAPABILITY CHECK ANTENNA PORT (1147) Implicitly cleared: true Default probable cause: configurationOrCustomizationError (902)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This alarm indicates inconsistency in the eNodeB AntennaPort configuration data		
Impact: Telecom: No impact on Telecom service. OAM: No impact on OAM service.		
Remedial action: Verify and correct the configuration data.		

Table 28-1137 IK4305092 - CMS INIT FAILED (ERROR)

Alarm	Attributes	Applicable major releases
Name: IK4305092 (3832) Type: processingErrorAlarm (81) Package: lte Raised on class: lte.ENBEquipment	Severity: major Specific problem: CMS INIT FAILED (ERROR) (1148) Implicitly cleared: true Default probable cause: configurationOrCustomizationError (902)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This alarm indicates CMS(Certificate Management Support) initialization request failure due to an error.		
Impact: The certificate enrollment can not start. eNB didn't receive the certificate bundle due to an error on CMP initialization request.		
Remedial action: Check the Sub CMS configuration. Verify and correct the CMS configuration data based on the error code received. Check the network connection. eNB has to get the valid operator-signed certificate(s) before the concerned traffic can be resumed.		

Table 28-1138 IK4305093 - CMS INIT FAILED (TIMEOUT)

Alarm	Attributes	Applicable major releases
Name: IK4305093 (3833) Type: processingErrorAlarm (81) Package: lte Raised on class: lte.ENBEquipment	Severity: major Specific problem: CMS INIT FAILED (TIMEOUT) (1149) Implicitly cleared: true Default probable cause: configurationOrCustomizationError (902)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This alarm indicates CMS(Certificate Management Support) initialization request failure due to timeout.		
Impact: The certificate enrollment can not start. eNB didn't receive the certificate bundle due to time out waiting response on CMP initialization request.		
Remedial action: eNB has to get the valid operator-signed certificate(s) before the concerned traffic can be resumed. Check the network connection, then check IP connectivity, HTTP connectivity and Sub CMS/CMS server connectivity. Check the Sub CMS/CMS configuration.		

Table 28-1139 IK4305094 - CMS KEY UPDATE FAILED (ERROR)

Alarm	Attributes	Applicable major releases
Name: IK4305094 (3834) Type: processingErrorAlarm (81) Package: lte Raised on class: lte.ENBEquipment	Severity: major Specific problem: CMS KEY UPDATE FAILED (ERROR) (1150) Implicitly cleared: true Default probable cause: configurationOrCustomizationError (902)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This alarm indicates CMS(Certificate Management Support) key update failure due to an error.		
Impact: The certificate enrollment can not start. eNB didn't receive the certificate bundle due to an error on CMP key update request.		
Remedial action: Check the Sub CMS configuration. Verify and correct the CMS configuration data based on the error code received.		

Table 28-1140 IK4305095 - CMS KEY UPDATE FAILED (TIMEOUT)

Alarm	Attributes	Applicable major releases
Name: IK4305095 (3835) Type: processingErrorAlarm (81) Package: lte Raised on class: lte.ENBEquipment	Severity: major Specific problem: CMS KEY UPDATE FAILED (TIMEOUT) (1151) Implicitly cleared: true Default probable cause: configurationOrCustomizationError (902)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This alarm indicates CMS(Certificate Management Support) key update activity failure due to timeout.		
Impact: The certificate enrollment can not start. eNB did not receive the certificate bundle due to time out waiting response on CMP key update request.		
Remedial action: The eNodeB did not receive a message response back from the Sub-CMS during a CMP message exchange. The timeout could be because the Sub CMS is not online or the CMS IP address was incorrect or the network is down or some other failure reason.		

Table 28-1141 IK4305097 - OPERATOR CERTIFICATE ENROLLMENT ERROR

Alarm	Attributes	Applicable major releases
Name: IK4305097 (3837) Type: processingErrorAlarm (81) Package: lte Raised on class: lte.ENBEquipment	Severity: major Specific problem: OPERATOR CERTIFICATE ENROLLMENT ERROR (1153) Implicitly cleared: true Default probable cause: configurationOrCustomizationError (902)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This alarm indicates that certificate enrollment can not be started because no authentication credentials were found.		
Impact: eNodeB can not start the operator certificate enrollment.		
Remedial action: Provide the shared key for authentication of CMPv2 messages . eNodeB uses a shared key for authentication to Sub CMS when performing certificate enrollment.		

Table 28-1142 IK4305098 - #3 IPSEC TUNNEL FAILURE

Alarm	Attributes	Applicable major releases
Name: IK4305098 (3838) Type: processingErrorAlarm (81) Package: lte Raised on class: lte.ENBEquipment	Severity: major Specific problem: #3 IPSEC TUNNEL FAILURE (1154) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR13.3
Description: This alarm indicates a failure of IPsec tunnel (#3).		
Impact: Telecom: Telecom traffic is not possible. OAM: No impact on OAM service.		
Remedial action: Check the IP Security configuration.		

Table 28-1143 IK4305099 - FEATURE eMBMS NOT SUPPORTED

Alarm	Attributes	Applicable major releases
Name: IK4305099 (3839) Type: equipmentAlarm (3) Package: Ite Raised on class: Ite.ENBEquipment	Severity: warning Specific problem: FEATURE eMBMS NOT SUPPORTED (1155) Implicitly cleared: true Default probable cause: configurationOrCustomizationError (902)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This alarm indicates that the cell configuration for eMBMS feature is not supported by equipped modem type		
Impact: No impact on eNodeB except for the feature eMBMS which is disabled.		
Remedial action: Ensure compatibility between the eNodeB configuration data and the equipped modem type.		

Table 28-1144 IK4305100 - FEATURE TTI BUNDLING FOR VoIP NOT SUPPORTED

Alarm	Attributes	Applicable major releases
Name: IK4305100 (3840) Type: equipmentAlarm (3) Package: Ite Raised on class: Ite.ENBEquipment	Severity: warning Specific problem: FEATURE TTI BUNDLING FOR VoIP NOT SUPPORTED (1156) Implicitly cleared: true Default probable cause: configurationOrCustomizationError (902)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This alarm indicates that the cell configuration for TTI bundling for VoIP feature is not supported by equipped modem type		
Impact: No impact on eNodeB except for the feature TTI bundling for VoIP which is disabled.		
Remedial action: Ensure compatibility between the eNodeB configuration data and the equipped modem type.		

Table 28-1145 IK4305101 - FEATURE DUAL-BAND NOT SUPPORTED

Alarm	Attributes	Applicable major releases
Name: IK4305101 (3841) Type: equipmentAlarm (3) Package: Ite Raised on class: Ite.Cell	Severity: critical Specific problem: FEATURE DUAL-BAND NOT SUPPORTED (1157) Implicitly cleared: true Default probable cause: configurationOrCustomizationError (902)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This alarm indicates that the cell configuration with dual band ID is not supported by equipped modem type		
Impact: Telecom: The cell is not operational. OAM: No impact on OAM service.		
Remedial action: Verify and correct the configuration data.		

Table 28-1146 IK4305102 - FEATURE DUPLEX MODE NOT SUPPORTED

Alarm	Attributes	Applicable major releases
Name: IK4305102 (3842) Type: equipmentAlarm (3) Package: Ite Raised on class: Ite.Cell	Severity: critical Specific problem: FEATURE DUPLEX MODE NOT SUPPORTED (1158) Implicitly cleared: true Default probable cause: configurationOrCustomizationError (902)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This alarm indicates that the cell configuration duplex-mode is not supported by equipped modem type		
Impact: Telecom: The cell is not operational. OAM: No impact on OAM service.		
Remedial action: To clear the alarm, revert to previous mode		

Table 28-1147 IK4305103 - FEATURE OP-PUCCH NOT SUPPORTED

Alarm	Attributes	Applicable major releases
Name: IK4305103 (3843) Type: equipmentAlarm (3) Package: Ite Raised on class: Ite.Cell	Severity: warning Specific problem: FEATURE OP-PUCCH NOT SUPPORTED (1159) Implicitly cleared: true Default probable cause: configurationOrCustomizationError (902)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This alarm indicates that the cell configuration for OP-PUCCH is not supported by equipped modem type		
Impact: No impact on eNodeB except for the feature OP-PUCCH per cell which is disabled.		
Remedial action: Verify and correct the configuration data.		

Table 28-1148 IK4305104 - HW SW CAPABILITY DOWNLINK CONFIGURATION FAILURE

Alarm	Attributes	Applicable major releases
Name: IK4305104 (3844) Type: equipmentAlarm (3) Package: Ite Raised on class: Ite.Cell	Severity: critical Specific problem: HW SW CAPABILITY DOWNLINK CONFIGURATION FAILURE (1160) Implicitly cleared: true Default probable cause: configurationOrCustomizationError (902)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This alarm indicates that the cell DL configuration is not supported by equipped modem type		
Impact: Telecom: The cell is not operational. OAM: No impact on OAM service.		
Remedial action: Verify and correct the configuration data.		

Table 28-1149 IK4305105 - FEATURE 3 MHZ NOT SUPPORTED BY MODEM TYPE

Alarm	Attributes	Applicable major releases
Name: IK4305105 (3845) Type: equipmentAlarm (3) Package: Ite Raised on class: Ite.BBCardSpecifics	Severity: critical Specific problem: FEATURE 3 MHZ NOT SUPPORTED BY MODEM TYPE (1161) Implicitly cleared: true Default probable cause: configurationOrCustomizationError (902)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This alarm indicates that modem type does not support 3 MHz bandwidth.		
Impact: Equipped modem type does not support 3 MHz and modem is disabled by eNodeB OAM.		
Remedial action: Ensure compatibility between the eNodeB configuration data and the equipped modem type.		

Table 28-1150 IK4305106 - #4 IPSEC TUNNEL FAILURE

Alarm	Attributes	Applicable major releases
Name: IK4305106 (3846) Type: processingErrorAlarm (81) Package: Ite Raised on class: Ite.ENBEquipment	Severity: major Specific problem: #4 IPSEC TUNNEL FAILURE (1162) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This alarm indicates the failure of the IPsec tunnel (#4).		
Impact: Telecom: Telecom traffic is not possible. OAM: No impact on OAM service.		
Remedial action: Check the IP Security configuration.		

Table 28-1151 IK4305107 - #5 IPSEC TUNNEL FAILURE

Alarm	Attributes	Applicable major releases
Name: IK4305107 (3847) Type: processingErrorAlarm (81) Package: Ite Raised on class: Ite.ENBEquipment	Severity: major Specific problem: #5 IPSEC TUNNEL FAILURE (1163) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This alarm indicates the failure of the IPsec tunnel (#5).		
Impact: Telecom: Telecom traffic is not possible. OAM: No impact on OAM service.		
Remedial action: Check the IP Security configuration.		

Table 28-1152 IK4305108 - #6 IPSEC TUNNEL FAILURE

Alarm	Attributes	Applicable major releases
Name: IK4305108 (3848) Type: processingErrorAlarm (81) Package: Ite Raised on class: Ite.ENBEquipment	Severity: major Specific problem: #6 IPSEC TUNNEL FAILURE (1164) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This alarm indicates the failure of the IPsec tunnel (#6).		
Impact: Telecom: Telecom traffic is not possible. OAM: No impact on OAM service.		
Remedial action: Check the IP Security configuration.		

Table 28-1153 IK4305109 - #7 IPSEC TUNNEL FAILURE

Alarm	Attributes	Applicable major releases
Name: IK4305109 (3849) Type: processingErrorAlarm (81) Package: Ite Raised on class: Ite.ENBEquipment	Severity: major Specific problem: #7 IPSEC TUNNEL FAILURE (1165) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This alarm indicates the failure of the IPsec tunnel (#7).		
Impact: Telecom: Telecom traffic is not possible. OAM: No impact on OAM service.		
Remedial action: Check the IP Security configuration.		

Table 28-1154 IK4305110 - #8 IPSEC TUNNEL FAILURE

Alarm	Attributes	Applicable major releases
Name: IK4305110 (3850) Type: processingErrorAlarm (81) Package: Ite Raised on class: Ite.ENBEquipment	Severity: major Specific problem: #8 IPSEC TUNNEL FAILURE (1166) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This alarm indicates the failure of the IPsec tunnel (#8).		
Impact: Telecom: Telecom traffic is not possible. OAM: No impact on OAM service.		
Remedial action: Check the IP Security configuration.		

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Table 28-1155 IK4305111 - #9 IPSEC TUNNEL FAILURE

Alarm	Attributes	Applicable major releases
Name: IK4305111 (3851) Type: processingErrorAlarm (81) Package: Ite Raised on class: Ite.ENBEquipment	Severity: major Specific problem: #9 IPSEC TUNNEL FAILURE (1167) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This alarm indicates the failure of the IPsec tunnel (#9).		
Impact: Telecom: Telecom traffic is not possible. OAM: No impact on OAM service.		
Remedial action: Check the IP Security configuration.		

Table 28-1156 IK4305112 - #10 IPSEC TUNNEL FAILURE

Alarm	Attributes	Applicable major releases
Name: IK4305112 (3852) Type: processingErrorAlarm (81) Package: Ite Raised on class: Ite.ENBEquipment	Severity: major Specific problem: #10 IPSEC TUNNEL FAILURE (1168) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This alarm indicates the failure of the IPsec tunnel (#10).		
Impact: Telecom: Telecom traffic is not possible. OAM: No impact on OAM service.		
Remedial action: Check the IP Security configuration.		

Table 28-1157 IK4305113 - DNS SERVICE UNAVAILABLE

Alarm	Attributes	Applicable major releases
Name: IK4305113 (3853) Type: securityServiceOrMechanismViolation (92) Package: Ite Raised on class: Ite.ENBEquipment	Severity: major Specific problem: DNS SERVICE UNAVAILABLE (1169) Implicitly cleared: true Default probable cause: communicationsSubsystemFailure (915)	<ul style="list-style-type: none"> • LR13.3
Description: This alarm indicates that No DNS server at all is available for resolving a symbolic address to a numeric IP address		
Impact: The IPsec tunnel cannot be setup since IKEv2 fails.		
Remedial action: Check the state of DNS server(s) and the state of the comm. network between eNB and DNS		

Table 28-1158 IK4305114 - INCOMPATIBLE UCF MIM VERSION

Alarm	Attributes	Applicable major releases
Name: IK4305114 (4712) Type: processingErrorAlarm (81) Package: lte Raised on class: lte.ENBEquipment	Severity: minor Specific problem: INCOMPATIBLE UCF MIM VERSION (1170) Implicitly cleared: true Default probable cause: versionMismatch (405)	<ul style="list-style-type: none"> LR13.3
Description: This alarm indicates the MIM version of the UCF is incompatible with the MIM version of the running SW version.		
Impact: UCF is not used during data migration to provide default values for attributes. Default values from eNB software are used instead.		
Remedial action: Generate a UCF that is compatible with the MIM version of the running SW version.		

Table 28-1159 IK4305115 - INVALID UCF

Alarm	Attributes	Applicable major releases
Name: IK4305115 (4713) Type: processingErrorAlarm (81) Package: lte Raised on class: lte.ENBEquipment	Severity: minor Specific problem: INVALID UCF (1171) Implicitly cleared: true Default probable cause: configurationOrCustomizationError (902)	<ul style="list-style-type: none"> LR13.3
Description: This alarm indicates that the UCF has an error that prevents it from being used by the eNodeB.		
Impact: UCF is not used during data migration to provide default values for attributes. Default values from eNB software are used instead.		
Remedial action: Generate a UCF that is valid, readable and syntactically correct.		

Table 28-1160 IK4305116 - SECONDARY CPRI PORT CONFIGURATION MISMATCH

Alarm	Attributes	Applicable major releases
Name: IK4305116 (5352) Type: processingErrorAlarm (81) Package: lte Raised on class: lte.RRH	Severity: minor Specific problem: SECONDARY CPRI PORT CONFIGURATION MISMATCH (1172) Implicitly cleared: true Default probable cause: configurationOrCustomizationError (902)	<ul style="list-style-type: none"> LR14.1.L LR14.3.L
Description: This alarm indicates the misalignment between secondary CPRI port position in MIM configuration and real secondary CPRI port position detected.		
Impact: Telecom: the assigned cell is not operational. OAM: No impact on OAM service.		
Remedial action: Verify and correct the configuration data or Verify and correct the hardware configuration		

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Table 28-1161 IK4305117 - CELL ANTENNA PORT NUMBER MISMATCH VERSUS MODEM LOAD TYPE

Alarm	Attributes	Applicable major releases
Name: IK4305117 (5353) Type: processingErrorAlarm (81) Package: lte Raised on class: lte.Cell	Severity: major Specific problem: CELL ANTENNA PORT NUMBER MISMATCH VERSUS MODEM LOAD TYPE (1173) Implicitly cleared: true Default probable cause: configurationOrCustomizationError (902)	<ul style="list-style-type: none"> LR14.1.L LR14.3.L
Description: This alarm indicates the DL/UL antenna number configured for this Cell mismatch with Modem load. Triggers for raising the alarm: 1. If (LteCell->numberOfULAntennas !=8 Or CellActivationService.IsMultiRRHEnabled=True) AND EnbTDD.Is8ALoadNeeded=False 2. If (LteCell->numberOfULAntennas!=8 AND CellActivationService.IsMultiRRHEnabled=False) AND EnbTDD.Is8ALoadNeeded=True Triggers for clear the alarm: 1. If (LteCell->numberOfULAntennas ==8 Or CellActivationService.IsMultiRRHEnabled=True) AND EnbTDD.Is8ALoadNeeded=True 2. If (LteCell->numberOfULAntennas!=8 AND CellActivationService.IsMultiRRHEnabled=False) AND EnbTDD.Is8ALoadNeeded=False"		
Impact: Telecom: The cell is not operational. OAM: No impact on OAM service.		
Remedial action: Online modify parameter is8ALoadNeeded on EnbTDD object or modify DL/UL antenna number configuration of LteCell to make them consistent.		

Table 28-1162 IK4305118 - M3 LINK RESET DUE ON-LINE M3-INTERFACE CLASS PARAMETER UPDATE

Alarm	Attributes	Applicable major releases
Name: IK4305118 (5354) Type: communicationsAlarm (4) Package: lte Raised on class: lte.M3MmeTransportLayerAccess	Severity: variable Specific problem: M3 LINK RESET DUE ON-LINE M3-INTERFACE CLASS PARAMETER UPDATE (1174) Implicitly cleared: true Default probable cause: unknown (1097)	<ul style="list-style-type: none"> LR14.1.L LR14.3.L
Description: This event indicates M3 link has reset when operator updates the value of M3-interface Class parameter on-line.		
Impact: Service impact on M3 link		
Remedial action: No action is required.		

Table 28-1163 IK4305119 - AUTOMATED HANDOVER PARAMETER ADJUSTMENT NOT POSSIBLE

Alarm	Attributes	Applicable major releases
Name: IK4305119 (4714) Type: processingErrorAlarm (81) Package: lte Raised on class: lte.Cell	Severity: major Specific problem: AUTOMATED HANDOVER PARAMETER ADJUSTMENT NOT POSSIBLE (1175) Implicitly cleared: true Default probable cause: configurationOrCustomizationError (902)	<ul style="list-style-type: none"> LR13.3 LR14.1.L LR14.3.L
Description: This alarm indicates the SON process that automatically adjusts intra-frequency handover parameters cannot make any adjustments because of the setting of the configurable limits on the allowed adjustments.		
Impact: The cell cannot initiate HO parameter adjustments to improve HO performance.		

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Alarm	Attributes	Applicable major releases
Remedial action: Modify the handover parameter adjustment limits to allow additional values.		

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Table 28-1164 IK4305120 - TOTAL LOSS OF EICIC PHASE SYNC

Alarm	Attributes	Applicable major releases
Name: IK4305120 (4715) Type: equipmentAlarm (3) Package: lte Raised on class: lte.CBCardSpecifics	Severity: major Specific problem: TOTAL LOSS OF EICIC PHASE SYNC (1176) Implicitly cleared: true Default probable cause: timingProblem (903)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This alarm indicates that the eICIC functionality is being disabled due to very large clock drift		
Impact: High interference received at the UE due to the timing misalignment cancels any feature gain.		
Remedial action: Check the timing source of the eNB		

Table 28-1165 IK4305121 - TOTAL LOSS OF EICIC PHASE SYNC

Alarm	Attributes	Applicable major releases
Name: IK4305121 (4716) Type: equipmentAlarm (3) Package: lte Raised on class: lte.MODULE	Severity: major Specific problem: TOTAL LOSS OF EICIC PHASE SYNC (1176) Implicitly cleared: true Default probable cause: timingProblem (903)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This alarm indicates that the eICIC functionality is being disabled due to very large clock drift		
Impact: High interference received at UE due to timing misalignment rendering feature gain null.		
Remedial action: Check the timing source of the eNB		

Table 28-1166 IK4305124 - SHUTDOWN TIMEOUT WITH EMERGENCY HIGH PRIORITY CALLS ACTIVE

Alarm	Attributes	Applicable major releases
Name: IK4305124 (4718) Type: communicationsAlarm (4) Package: lte Raised on class: lte.Cell	Severity: warning Specific problem: SHUTDOWN TIMEOUT WITH EMERGENCY HIGH PRIORITY CALLS ACTIVE (1178) Implicitly cleared: true Default probable cause: callEstablishmentError (778)	<ul style="list-style-type: none"> • LR13.3

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Alarm	Attributes	Applicable major releases
Description: This alarm indicates that the shutdown timer has expired for a shutting down MO but the cell has at least one emergency or high priority call active. The shutting down MO will not be locked until all emergency and high priority calls have terminated.		
Impact: Transmit power is not gradually reduced in the affected cell to encourage handoffs of existing calls. Shutting down MO is not locked until all emergency and high priority calls are terminated.		
Remedial action: Operator should wait for all emergency and high priority calls to terminate or force the shut down to end by locking the shutting down MO.		

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Table 28-1167 IK4305125 - EMERGENCY HIGH PRIORITY CALLS ACTIVE FOR BLOCKED CELL

Alarm	Attributes	Applicable major releases
Name: IK4305125 (4719) Type: communicationsAlarm (4) Package: Ite Raised on class: Ite.Cell	Severity: warning Specific problem: EMERGENCY HIGH PRIORITY CALLS ACTIVE FOR BLOCKED CELL (1179) Implicitly cleared: true Default probable cause: callEstablishmentError (778)	<ul style="list-style-type: none"> LR13.3
Description: This alarm indicates that there is at least one emergency or high priority call active on a cell that is blocked. The cell will not be disabled until all emergency and high priority calls have terminated.		
Impact: Transmit power is not gradually reduced in the affected cell to encourage handoffs of existing calls. Shutting down MO is not locked until all emergency and high priority calls are terminated.		
Remedial action: Operator should wait for all emergency and high priority calls to terminate or force the shut down to end by locking the shutting down MO.		

Table 28-1168 IK4305126 - CELL MAJOR CONFIGURATION ERROR

Alarm	Attributes	Applicable major releases
Name: IK4305126 (4720) Type: processingErrorAlarm (81) Package: Ite Raised on class: Ite.Cell	Severity: major Specific problem: CELL MAJOR CONFIGURATION ERROR (1180) Implicitly cleared: true Default probable cause: configurationOrCustomizationError (902)	<ul style="list-style-type: none"> LR13.3 LR14.1.L LR14.3.L
Description: This alarm indicates there is a major error in the configuration of the cell.		
Impact: Configuration error may prevent the cell from behaving properly. Degradation of service is possible.		
Remedial action: Operator must set the attribute(s) in error to a value consistent with the configuration of the LteCell.		

Table 28-1169 IK4305127 - ENB WARNING CONFIGURATION ERROR

Alarm	Attributes	Applicable major releases
Name: IK4305127 (4721) Type: processingErrorAlarm (81) Package: lte Raised on class: lte.ENBEquipment	Severity: minor Specific problem: ENB WARNING CONFIGURATION ERROR (1181) Implicitly cleared: true Default probable cause: configurationOrCustomizationError (902)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This alarm indicates there is a warning error in the configuration of the eNB.		
Impact: Configuration error may prevent the value of the attribute in error from being used in the eNB. However, no degradation of service will result.		
Remedial action: Operator should set the attribute(s) in error to a value consistent with the configuration of the eNB.		

Table 28-1170 IK4305128 - RFTRACE NOT STARTED DUE TO ACTIVE DDT

Alarm	Attributes	Applicable major releases
Name: IK4305128 (5355) Type: processingErrorAlarm (81) Package: lte Raised on class: lte.ENBEquipment	Severity: minor Specific problem: RFTRACE NOT STARTED DUE TO ACTIVE DDT (1182) Implicitly cleared: true Default probable cause: configurationOrCustomizationError (902)	<ul style="list-style-type: none"> • LR14.1.L • LR14.3.L
Description: This alarm indicates that RF trace could not be started because dynamic debug trace is already active.		
Impact: Telecom: No impact on telecom service. OAM: No impact on OAM service.		
Remedial action: Verify and correct the configuration data.		

Table 28-1171 IK4305129 - CB TWAMP EXCESSIVE TEST SESSIONS

Alarm	Attributes	Applicable major releases
Name: IK4305129 (4722) Type: equipmentAlarm (3) Package: lte Raised on class: lte.CBCardSpecifics	Severity: warning Specific problem: CB TWAMP EXCESSIVE TEST SESSIONS (1183) Implicitly cleared: true Default probable cause: configurationOrCustomizationError (902)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L
Description: This alarm indicates 6 TWAMP test-sessions have been requested in a TWAMP Control-session in a VLAN. 5 is the maximum supported number.		
Impact: TWAMP test sessions above the number supported are ignored.		
Remedial action: Check TWAMP client configuration to ensure it matches maximum requirements of the base station server.		

Table 28-1172 IK4305130 - MODULE SCENARIO ERROR

Alarm	Attributes	Applicable major releases
Name: IK4305130 (4723) Type: processingErrorAlarm (81) Package: Ite Raised on class: Ite.MODULE	Severity: critical Specific problem: MODULE SCENARIO ERROR (1070) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This alarm indicates the scenario failure due to no-response from the module.		
Impact: Telecom: The telecom resources processed by the module are lost as the module is out of service. OAM: No impact on OAM service.		
Remedial action: Reset the module. If the alarm persists, replace the module.		

Table 28-1173 IK4305131 - MISSING CALLP SUBSCRIPTION

Alarm	Attributes	Applicable major releases
Name: IK4305131 (4724) Type: processingErrorAlarm (81) Package: Ite Raised on class: Ite.MODULE	Severity: critical Specific problem: MISSING CALLP SUBSCRIPTION (1071) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This alarm indicates that the CallP instance did not send the subscribe message due to initialization error in the CallP instance.		
Impact: Telecom: The telecom resources processed by the module not operational. OAM: No impact on OAM service.		
Remedial action: Reset the eNodeB.		

Table 28-1174 IK4305132 - MISSING CALLP REQUEST

Alarm	Attributes	Applicable major releases
Name: IK4305132 (4725) Type: processingErrorAlarm (81) Package: Ite Raised on class: Ite.MODULE	Severity: critical Specific problem: MISSING CALLP REQUEST (1072) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This alarm indicates that there is no request from any CallP instance for the MIM status.		
Impact: Telecom: The telecom resources processed by the module not operational. OAM: No impact on OAM service.		
Remedial action: Reset the eNodeB.		

Table 28-1175 IK4305133 - INCORRECT FREQUENCY BAND

Alarm	Attributes	Applicable major releases
Name: IK4305133 (4726) Type: equipmentAlarm (3) Package: lte Raised on class: lte.MODULE	Severity: critical Specific problem: INCORRECT FREQUENCY BAND (1074) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This alarm indicates that the module is not compatible with the frequency band configuration data.		
Impact: The cell is not operational.		
Remedial action: Verify the frequency band of the module with the configured frequency band. If the alarm persists, replace the module.		

Table 28-1176 IK4305134 - INVALID CONFIGURATION DATA

Alarm	Attributes	Applicable major releases
Name: IK4305134 (4727) Type: processingErrorAlarm (81) Package: lte Raised on class: lte.MODULE	Severity: critical Specific problem: INVALID CONFIGURATION DATA (1077) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This alarm indicates inconsistency in the eNodeB configuration data.		
Impact: The cell is not operational.		
Remedial action: Verify and correct the configuration data.		

Table 28-1177 IK4305135 - INVALID TRANSPORT CONFIGURATION DATA

Alarm	Attributes	Applicable major releases
Name: IK4305135 (4728) Type: processingErrorAlarm (81) Package: lte Raised on class: lte.MODULE	Severity: critical Specific problem: INVALID TRANSPORT CONFIGURATION DATA (1081) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This alarm indicates an inconsistency in the eNodeB transport configuration data.		
Impact: Telecom traffic is not possible.		
Remedial action: Verify and correct the configuration data.		

Table 28-1178 IK4305136 - UNKNOWN FAULT

Alarm	Attributes	Applicable major releases
Name: IK4305136 (4729) Type: processingErrorAlarm (81) Package: Ite Raised on class: Ite.MODULE	Severity: warning Specific problem: UNKNOWN FAULT (1127) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This alarm indicates that the OAM layer of the eNodeB received an unknown fault from another software layer.		
Impact: The impact of of the fault is unknown.		
Remedial action: Refer to the alarm additional information for further detail, contact the next level of support.		

Table 28-1179 IK4305137 - RESET DATABASE

Alarm	Attributes	Applicable major releases
Name: IK4305137 (4730) Type: processingErrorAlarm (81) Package: Ite Raised on class: Ite.MODULE	Severity: major Specific problem: RESET DATABASE (1145) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This alarm indicates the failure to restore database.		
Impact: The controller board resets automatically with an empty database.		
Remedial action: Contact the next level of support.		

Table 28-1180 IK4305138 - CELL CONFIGURATION FAILURE

Alarm	Attributes	Applicable major releases
Name: IK4305138 (4731) Type: equipmentAlarm (3) Package: Ite Raised on class: Ite.MODULE	Severity: major Specific problem: CELL CONFIGURATION FAILURE (1075) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This alarm indicates the failure to configure the cell.		
Impact: The cell remains disabled until properly configured.		
Remedial action: Verify the cell configuration data. Reset the modem and allocate the cell resources.		

Table 28-1181 IK4305139 - MODEM FUNCTION AVAILABLE WITHOUT LTECELL CONFIGURATION

Alarm	Attributes	Applicable major releases
Name: IK4305139 (4732) Type: equipmentAlarm (3) Package: lte Raised on class: lte.MODULE	Severity: warning Specific problem: MODEM FUNCTION AVAILABLE WITHOUT LTECELL CONFIGURATION (1184) Implicitly cleared: true Default probable cause: configurationOrCustomizationError (902)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This alarm indicates that there is a modem function equipped but no cell is mapped to the modem.		
Impact: The cell remains disabled until properly configured.		
Remedial action: Verify and correct the configuration data.		

Table 28-1182 IK4305140 - EXPECTED MODEM NOT EQUIPPED

Alarm	Attributes	Applicable major releases
Name: IK4305140 (4733) Type: equipmentAlarm (3) Package: lte Raised on class: lte.MODULE	Severity: critical Specific problem: EXPECTED MODEM NOT EQUIPPED (1120) Implicitly cleared: true Default probable cause: configurationOrCustomizationError (902)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This alarm indicates that equipped modem type does not fit the expectedModemType in the database.		
Impact: All features of modem type are not supported and modem is disabled by eNodeB OAM.		
Remedial action: Modify the database to correctly describe the modem hardware.		

Table 28-1183 IK4305142 - OAM INTERFACE CONFIGURATION FAILURE

Alarm	Attributes	Applicable major releases
Name: IK4305142 (4734) Type: equipmentAlarm (3) Package: lte Raised on class: lte.MODULE	Severity: critical Specific problem: OAM INTERFACE CONFIGURATION FAILURE (654) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This alarm indicates the failure of the IP and Ethernet configuration on the OAM interface.		
Impact: Telecom traffic and eNodeB management are not possible.		
Remedial action: Reset the eNodeB. If the alarm persists, contact the next level of support.		

Table 28-1184 IK4305143 - TELECOM INTERFACE CONFIGURATION FAILURE

Alarm	Attributes	Applicable major releases
Name: IK4305143 (4735) Type: equipmentAlarm (3) Package: Ite Raised on class: Ite.MODULE	Severity: critical Specific problem: TELECOM INTERFACE CONFIGURATION FAILURE (655) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This alarm indicates the failure of the IP and Ethernet configuration on the telecom interface.		
Impact: Telecom traffic and eNodeB management are not possible.		
Remedial action: Reset the eNodeB. If the alarm persists, contact the next level of support.		

Table 28-1185 IK4305144 - SSH SERVER START FAILURE

Alarm	Attributes	Applicable major releases
Name: IK4305144 (4736) Type: equipmentAlarm (3) Package: Ite Raised on class: Ite.MODULE	Severity: critical Specific problem: SSH SERVER START FAILURE (656) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This alarm indicates the failure to start the SSH server.		
Impact: OAM SSH sessions on the eNodeB are not possible.		
Remedial action: Reset the eNodeB.		

Table 28-1186 IK4305145 - SNTP CLIENT START FAILURE

Alarm	Attributes	Applicable major releases
Name: IK4305145 (4737) Type: equipmentAlarm (3) Package: Ite Raised on class: Ite.MODULE	Severity: minor Specific problem: SNTP CLIENT START FAILURE (658) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This alarm indicates the failure to start the SNTP client.		
Impact: The eNodeB is not time synchronized with the NTP server.		
Remedial action: Check the network connectivity of NTP server and NTP server address provisioning. If the NTP server is unreachable or the provisioning is incorrect, address those aspects. If all other possible causes have been eliminated, reset the eNodeB.		

Table 28-1187 IK4305146 - DHCP CLIENT START FAILURE

Alarm	Attributes	Applicable major releases
Name: IK4305146 (4738) Type: equipmentAlarm (3) Package: Ite Raised on class: Ite.MODULE	Severity: critical Specific problem: DHCP CLIENT START FAILURE (661) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This alarm indicates the failure to start the DHCP client on the eNodeB network interface.		
Impact: Telecom traffic and eNodeB management are not possible.		
Remedial action: Reset the eNodeB.		

Table 28-1188 IK4305147 - UNEXPECTED DATA FROM DHCP SERVER

Alarm	Attributes	Applicable major releases
Name: IK4305147 (4739) Type: processingErrorAlarm (81) Package: Ite Raised on class: Ite.MODULE	Severity: minor Specific problem: UNEXPECTED DATA FROM DHCP SERVER (663) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This alarm indicates that the lease time offered by the DHCP server is different from the lease time requested by the DHCP client.		
Impact: No impact on telecom or OAM service.		
Remedial action: Configure the DHCP server with an infinite lease time.		

Table 28-1189 IK4305148 - INCONSISTENT DATA FROM DHCP SERVER

Alarm	Attributes	Applicable major releases
Name: IK4305148 (4740) Type: processingErrorAlarm (81) Package: Ite Raised on class: Ite.MODULE	Severity: critical Specific problem: INCONSISTENT DATA FROM DHCP SERVER (664) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR13.3
Description: This alarm indicates that the eNodeB does not support the modified IP address offered by the DHCP server.		
Impact: The eNodeB uses the old IP address. eNodeB management is impacted during reset.		
Remedial action: Reset the eNodeB.		

Table 28-1190 IK4305149 - SCTP INIT FAILURE

Alarm	Attributes	Applicable major releases
Name: IK4305149 (4741) Type: equipmentAlarm (3) Package: Ite Raised on class: Ite.MODULE	Severity: critical Specific problem: SCTP INIT FAILURE (756) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This alarm indicates the failure to initialize the SCTP access.		
Impact: Telecom traffic is not possible.		
Remedial action: Reset the eNodeB.		

Table 28-1191 IK4305150 - WALG INITIALIZATION FAILURE

Alarm	Attributes	Applicable major releases
Name: IK4305150 (4742) Type: equipmentAlarm (3) Package: Ite Raised on class: Ite.MODULE	Severity: critical Specific problem: WALG INITIALIZATION FAILURE (660) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR13.3
Description: This alarm indicates a failure to initialize the eNodeB network processor.		
Impact: Telecom traffic is not possible.		
Remedial action: Reset the eNodeB.		

Table 28-1192 IK4305151 - END OF THE HOLDOVER DURATION

Alarm	Attributes	Applicable major releases
Name: IK4305151 (4743) Type: equipmentAlarm (3) Package: Ite Raised on class: Ite.MODULE	Severity: critical Specific problem: END OF THE HOLDOVER DURATION (763) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: The internal oscillator is not being disciplined by the reference source and its frequency drift may soon exceed allowed limits. This holdover duration is dependent on the type of oscillator.		
Impact: The eNB shall stop RF transmission.		
Remedial action: Fix the timing reference source.		

Table 28-1193 IK4305152 - LOSS OF EMBMS PHASE SYNC

Alarm	Attributes	Applicable major releases
Name: IK4305152 (4744) Type: equipmentAlarm (3) Package: lte Raised on class: lte.MODULE	Severity: major Specific problem: LOSS OF EMBMS PHASE SYNC (755) Implicitly cleared: true Default probable cause: lossOfSignal (99)	<ul style="list-style-type: none"> LR13.3
Description: This alarm indicates that the phase-sync requirement for supporting eMBMS can no longer be guaranteed due to the loss of clock reference.		
Impact: eMBMS specified commitment for error rate and cell coverage can no longer be guaranteed due to phase drift.		
Remedial action: If alarm remains consider the Clock reference alarms to determine the cause of the onset of holdover.		

Table 28-1194 IK4305153 - #3 IPSEC TUNNEL FAILURE

Alarm	Attributes	Applicable major releases
Name: IK4305153 (5356) Type: processingErrorAlarm (81) Package: lte Raised on class: lte.ENBEquipment	Severity: major Specific problem: #3 IPSEC TUNNEL FAILURE (1154) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> LR14.1.L LR14.3.L
Description: This alarm indicates a failure of IPsec tunnel (#3).		
Impact: Telecom: Telecom traffic is not possible. OAM: No impact on OAM service.		
Remedial action: Check the IP Security configuration.		

Table 28-1195 IK4305154 - CELL CONFIGURATION DATA MISMATCH VERSUS CORRESPONDING FEATURE DEACTIVATION

Alarm	Attributes	Applicable major releases
Name: IK4305154 (5357) Type: equipmentAlarm (3) Package: lte Raised on class: lte.Cell	Severity: critical Specific problem: CELL CONFIGURATION DATA MISMATCH VERSUS CORRESPONDING FEATURE DEACTIVATION (1185) Implicitly cleared: true Default probable cause: configurationOrCustomizationError (902)	<ul style="list-style-type: none"> LR14.1.L LR14.3.L
Description: This alarm indicates the cell configuration data mismatch versus corresponding feature deactivation.		
Impact: Telecom: The cell is not operational. OAM: No impact on OAM service.		
Remedial action: Verify and correct the configuration data.		

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Table 28-1196 IK4305155 - OAM SCB FAULT 2

Alarm	Attributes	Applicable major releases
Name: IK4305155 (4745) Type: equipmentAlarm (3) Package: Ite Raised on class: Ite.MODULE	Severity: minor Specific problem: OAM SCB FAULT 2 (1186) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: Provisioned for late churn-in. This is a spare alarm for future use.		
Impact: Refer to additional information in the alarm report.		
Remedial action: Refer to additional information in the alarm report.		

Table 28-1197 IK4305156 - OAM SCB FAULT 3

Alarm	Attributes	Applicable major releases
Name: IK4305156 (4746) Type: equipmentAlarm (3) Package: Ite Raised on class: Ite.MODULE	Severity: minor Specific problem: OAM SCB FAULT 3 (1187) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: Provisioned for late churn-in. This is a spare alarm for future use.		
Impact: Refer to additional information in the alarm report.		
Remedial action: Refer to additional information in the alarm report.		

Table 28-1198 IK4305157 - OAM SCB FAULT 4

Alarm	Attributes	Applicable major releases
Name: IK4305157 (4747) Type: equipmentAlarm (3) Package: Ite Raised on class: Ite.MODULE	Severity: minor Specific problem: OAM SCB FAULT 4 (1188) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: Provisioned for late churn-in. This is a spare alarm for future use.		
Impact: Refer to additional information in the alarm report.		
Remedial action: Refer to additional information in the alarm report.		

Table 28-1199 IK4305158 - OAM MODEM FUNCTION FAULT 1

Alarm	Attributes	Applicable major releases
Name: IK4305158 (4748) Type: equipmentAlarm (3) Package: lte Raised on class: lte.MODULE	Severity: minor Specific problem: OAM MODEM FUNCTION FAULT 1 (1189) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: Provisioned for late churn-in. This is a spare alarm for future use.		
Impact: Refer to additional information in the alarm report.		
Remedial action: Refer to additional information in the alarm report.		

Table 28-1200 IK4305159 - OAM MODEM FUNCTION FAULT 2

Alarm	Attributes	Applicable major releases
Name: IK4305159 (4749) Type: equipmentAlarm (3) Package: lte Raised on class: lte.MODULE	Severity: minor Specific problem: OAM MODEM FUNCTION FAULT 2 (1190) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR13.3
Description: This is a spare alarm for future use.		
Impact: Refer to additional information in the alarm report.		
Remedial action: Refer to additional information in the alarm report.		

Table 28-1201 IK4305160 - OAM MODEM FUNCTION FAULT 3

Alarm	Attributes	Applicable major releases
Name: IK4305160 (4750) Type: equipmentAlarm (3) Package: lte Raised on class: lte.MODULE	Severity: minor Specific problem: OAM MODEM FUNCTION FAULT 3 (1191) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: Provisioned for late churn-in. This is a spare alarm for future use.		
Impact: Refer to additional information in the alarm report.		
Remedial action: Refer to additional information in the alarm report.		

Table 28-1202 IK4305161 - FEATURE 3 MHZ NOT SUPPORTED BY MODEM TYPE

Alarm	Attributes	Applicable major releases
Name: IK4305161 (4751) Type: equipmentAlarm (3) Package: lte Raised on class: lte.MODULE	Severity: critical Specific problem: FEATURE 3 MHZ NOT SUPPORTED BY MODEM TYPE (1161) Implicitly cleared: true Default probable cause: configurationOrCustomizationError (902)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This alarm indicates that modem type does not support 3 MHz bandwidth.		
Impact: The modem is disabled by eNodeB OAM.		
Remedial action: Ensure compatibility between the eNodeB configuration data and the equipped modem type.		

Table 28-1203 IK4305162 - ETHERNET TRANSPORT FAILURE

Alarm	Attributes	Applicable major releases
Name: IK4305162 (4752) Type: communicationsAlarm (4) Package: lte Raised on class: lte.MODULE	Severity: major Specific problem: ETHERNET TRANSPORT FAILURE (665) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This alarm indicates an interface error due to the counters exceeding the configured threshold.		
Impact: The performance of the telecom and OAM services are degraded.		
Remedial action: Check the network status and cabling if possible. If the alarm persists, contact the next level support.		

Table 28-1204 IK4305163 - DHCP CLIENT LEASE FAILURE

Alarm	Attributes	Applicable major releases
Name: IK4305163 (4753) Type: equipmentAlarm (3) Package: lte Raised on class: lte.MODULE	Severity: major Specific problem: DHCP CLIENT LEASE FAILURE (669) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This alarm indicates the failure of the DHCP client to obtain the lease from the DHCP server.		
Impact: Telecom traffic is not possible and the eNodeB backhaul interface is not configured.		
Remedial action: Check for connectivity. Check for DHCP server and network configurations.		

Table 28-1205 IK4305164 - IP LOOPBACK ACTIVE

Alarm	Attributes	Applicable major releases
Name: IK4305164 (4754) Type: equipmentAlarm (3) Package: Ite Raised on class: Ite.MODULE	Severity: warning Specific problem: IP LOOPBACK ACTIVE (670) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This alarm indicates that the IP loopback is activated.		
Impact: Telecom: Telecom traffic is not possible. OAM: The maintenance is restricted to local terminal.		
Remedial action: Call the next level of support.		

Table 28-1206 IK4305165 - MODULE SCENARIO ERROR

Alarm	Attributes	Applicable major releases
Name: IK4305165 (4755) Type: processingErrorAlarm (81) Package: Ite Raised on class: Ite.RFME	Severity: critical Specific problem: MODULE SCENARIO ERROR (1070) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This alarm indicates an internal procedure failure due to no response from the module.		
Impact: Telecom: The telecom resources processed by the module are lost as the module is out of service. OAM: Impact on OAM service during reset.		
Remedial action: Reset the eNB. If the alarm persists, replace the module.		

Table 28-1207 IK4305166 - OAM RFME FAULT 4

Alarm	Attributes	Applicable major releases
Name: IK4305166 (4756) Type: equipmentAlarm (3) Package: Ite Raised on class: Ite.RFME	Severity: minor Specific problem: OAM RFME FAULT 4 (1192) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: Provisioned for late churn-in. This is a spare alarm for future use.		
Impact: Refer to additional information in the alarm report.		
Remedial action: Refer to additional information in the alarm report.		

Table 28-1208 IK4305167 - OAM RFME FAULT 5

Alarm	Attributes	Applicable major releases
Name: IK4305167 (4757) Type: equipmentAlarm (3) Package: Ite Raised on class: Ite.RFME	Severity: minor Specific problem: OAM RFME FAULT 5 (1193) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: Provisioned for late churn-in. This is a spare alarm for future use.		
Impact: Refer to additional information in the alarm report.		
Remedial action: Refer to additional information in the alarm report.		

Table 28-1209 IK4305168 - OAM RFME FAULT 6

Alarm	Attributes	Applicable major releases
Name: IK4305168 (4758) Type: equipmentAlarm (3) Package: Ite Raised on class: Ite.RFME	Severity: minor Specific problem: OAM RFME FAULT 6 (1194) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: Provisioned for late churn-in. This is a spare alarm for future use.		
Impact: Refer to additional information in the alarm report.		
Remedial action: Refer to additional information in the alarm report.		

Table 28-1210 IK4305169 - VSWR CONFIGURATION FAILURE

Alarm	Attributes	Applicable major releases
Name: IK4305169 (4759) Type: equipmentAlarm (3) Package: Ite Raised on class: Ite.RFME	Severity: minor Specific problem: VSWR CONFIGURATION FAILURE (1085) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This alarm indicates that the thresholds of the VSWR configuration could not be applied to the eNodeB.		
Impact: No impact on telecom or OAM service but VSWR supervision may not be active.		
Remedial action: Verify the correctness of the configuration data and apply the data again. If this fails to correct the fault then reset the eNodeB.		

Table 28-1211 IK4305170 - RFME AVAILABLE WITHOUT LTECELL CONFIGURATION

Alarm	Attributes	Applicable major releases
Name: IK4305170 (4760) Type: equipmentAlarm (3) Package: Ite Raised on class: Ite.RFME	Severity: warning Specific problem: RFME AVAILABLE WITHOUT LTECELL CONFIGURATION (1195) Implicitly cleared: true Default probable cause: configurationOrCustomizationError (902)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This alarm indicates that there is RFME equipped but no cell is mapped.		
Impact: The cell is disabled.		
Remedial action: Verify and correct the configuration data.		

Table 28-1212 IK4305171 - LOCAL CELL POWER LIMIT EXCEEDED

Alarm	Attributes	Applicable major releases
Name: IK4305171 (4761) Type: equipmentAlarm (3) Package: Ite Raised on class: Ite.RFME	Severity: minor Specific problem: LOCAL CELL POWER LIMIT EXCEEDED (1144) Implicitly cleared: true Default probable cause: configurationOrCustomizationError (902)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: The downlink total power for a cell assigned to this RE exceeds the Local Cell Power Limit set at installation time.		
Impact: All cells assigned to the impacted RE, can not be configured or activated.		
Remedial action: Reconfigure the cell of this RE: set the power to be less than or equal to the local cell power limit defined for this MSRE at installation time.		

Table 28-1213 IK4305172 - MEDO FAULT 1

Alarm	Attributes	Applicable major releases
Name: IK4305172 (4762) Type: equipmentAlarm (3) Package: Ite Raised on class: Ite.ENBEquipment	Severity: minor Specific problem: MEDO FAULT 1 (1196) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: Provisioned for late churn-in. This is a spare alarm for MEDO for future use.		
Impact: Refer to additional information in the alarm report.		
Remedial action: Refer to additional information in the alarm report.		

Table 28-1214 IK4305173 - MEDO FAULT 2

Alarm	Attributes	Applicable major releases
Name: IK4305173 (4763) Type: equipmentAlarm (3) Package: Ite Raised on class: Ite.ENBEquipment	Severity: minor Specific problem: MEDO FAULT 2 (1197) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: Provisioned for late churn-in. This is a spare alarm for MEDO for future use.		
Impact: Refer to additional information in the alarm report.		
Remedial action: Refer to additional information in the alarm report.		

Table 28-1215 IK4305174 - MEDO FAULT 3

Alarm	Attributes	Applicable major releases
Name: IK4305174 (4764) Type: equipmentAlarm (3) Package: Ite Raised on class: Ite.ENBEquipment	Severity: minor Specific problem: MEDO FAULT 3 (1198) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: Provisioned for late churn-in. This is a spare alarm for MEDO for future use.		
Impact: Refer to additional information in the alarm report.		
Remedial action: Refer to additional information in the alarm report.		

Table 28-1216 IK4305177 - RESET DATABASE

Alarm	Attributes	Applicable major releases
Name: IK4305177 (4765) Type: processingErrorAlarm (81) Package: Ite Raised on class: Ite.CBCardSpecifics	Severity: critical Specific problem: RESET DATABASE (1145) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This alarm indicates the failure to restore database.		
Impact: The controller board resets automatically with an empty database.		
Remedial action: Contact the next level of support.		

Table 28-1217 IK4305178 - CONFIGURATION DATA MISMATCH VERSUS HARDWARE

Alarm	Attributes	Applicable major releases
Name: IK4305178 (4766) Type: processingErrorAlarm (81) Package: lte Raised on class: lte.RFME	Severity: warning Specific problem: CONFIGURATION DATA MISMATCH VERSUS HARDWARE (1146) Implicitly cleared: true Default probable cause: configurationOrCustomizationError (902)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This alarm indicates inconsistency in the eNodeB configuration data versus the equipped hardware.		
Impact: The affected hardware and the assigned cell is not operational.		
Remedial action: Verify and correct the configuration data. Verify and correct the hardware configuration		

Table 28-1218 IK4305179 - CERTIFICATE EXPIRED

Alarm	Attributes	Applicable major releases
Name: IK4305179 (4767) Type: processingErrorAlarm (81) Package: lte Raised on class: lte.ENBEquipment	Severity: critical Specific problem: CERTIFICATE EXPIRED (1152) Implicitly cleared: true Default probable cause: configurationOrCustomizationError (902)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: The eNodeB discovered an expired certificate during validity date audit. Re-install or reconfigure the eNodeB so that key pair creation and certificate enrollment with the CMS are performed again.		
Impact: The ltpsec tunnels are using expired certificates.		
Remedial action: Trigger the certificate enrollment to generate new certificates.		

Table 28-1219 IK4305180 - FEATURE CARRIER AGGREGATION NOT SUPPORTED

Alarm	Attributes	Applicable major releases
Name: IK4305180 (4768) Type: equipmentAlarm (3) Package: lte Raised on class: lte.Cell	Severity: critical Specific problem: FEATURE CARRIER AGGREGATION NOT SUPPORTED (1199) Implicitly cleared: true Default probable cause: configurationOrCustomizationError (902)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This alarm indicates that the cell configuration with Carrier Aggregation is not supported by the equipped modem type.		
Impact: Telecom traffic is not enabled for the cell.		
Remedial action: Verify and correct the configuration data.		

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Table 28-1220 IK4305181 - FEATURE SIX CELLS NOT SUPPORTED

Alarm	Attributes	Applicable major releases
Name: IK4305181 (4769) Type: equipmentAlarm (3) Package: Ite Raised on class: Ite.Cell	Severity: critical Specific problem: FEATURE SIX CELLS NOT SUPPORTED (1200) Implicitly cleared: true Default probable cause: configurationOrCustomizationError (902)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This alarm indicates that the cell configuration with six cells with single carrier is not supported by the equipped modem type.		
Impact: Telecom traffic is not enabled for the cell.		
Remedial action: Verify and correct the configuration data.		

Table 28-1221 IK4305182 - FEATURE TR-CARRIER NOT SUPPORTED

Alarm	Attributes	Applicable major releases
Name: IK4305182 (4770) Type: equipmentAlarm (3) Package: Ite Raised on class: Ite.Cell	Severity: critical Specific problem: FEATURE TR-CARRIER NOT SUPPORTED (1201) Implicitly cleared: true Default probable cause: configurationOrCustomizationError (902)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L
Description: This alarm indicates that the cell configuration with Tri-carrier is not supported by the equipped modem type.		
Impact: Telecom traffic is not enabled for the cell.		
Remedial action: Verify and correct the configuration data.		

Table 28-1222 IK4305183 - SCB TWAMP EXCESSIVE TEST SESSIONS

Alarm	Attributes	Applicable major releases
Name: IK4305183 (4771) Type: equipmentAlarm (3) Package: Ite Raised on class: Ite.MODULE	Severity: warning Specific problem: SCB TWAMP EXCESSIVE TEST SESSIONS (1202) Implicitly cleared: true Default probable cause: configurationOrCustomizationError (902)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This alarm indicates 6 TWAMP test-sessions have been requested in a TWAMP Control-session in a VLAN. 5 is the maximum supported number.		
Impact: TWAMP test sessions above the number supported are ignored.		
Remedial action: Check the TWAMP client configuration to ensure it matches maximum requirements of the base station server.		

Table 28-1223 IK4305184 - RFTRACE STOPPED DUE TO ACTIVE DDT

Alarm	Attributes	Applicable major releases
Name: IK4305184 (5358) Type: processingErrorAlarm (81) Package: lte Raised on class: lte.ENBEquipment	Severity: minor Specific problem: RFTRACE STOPPED DUE TO ACTIVE DDT (1203) Implicitly cleared: true Default probable cause: configurationOrCustomizationError (902)	<ul style="list-style-type: none"> • LR14.1.L • LR14.3.L
Description: This alarm indicates that RF trace has stopped because dynamic debug trace has been activated.		
Impact: Telecom: No impact on telecom service. OAM: No impact on OAM service.		
Remedial action: Verify and correct the configuration data.		

Table 28-1224 IK4305185 - CMS INIT START

Alarm	Attributes	Applicable major releases
Name: IK4305185 (5359) Type: processingErrorAlarm (81) Package: lte Raised on class: lte.ENBEquipment	Severity: variable Specific problem: CMS INIT START (1204) Implicitly cleared: true Default probable cause: unknown (1097)	<ul style="list-style-type: none"> • LR14.1.L • LR14.3.L
Description: This event indicates that operator certificate enrollment scenario started.		
Impact: No impact on eNodeB.		
Remedial action: No action is required.		

Table 28-1225 IK4305186 - CPRI LICENSE REQUIRED TO SUPPORT BANDWIDTH FOR CONFIGURED LTECELL

Alarm	Attributes	Applicable major releases
Name: IK4305186 (5360) Type: equipmentAlarm (3) Package: lte Raised on class: lte.Cell	Severity: critical Specific problem: CPRI LICENSE REQUIRED TO SUPPORT BANDWIDTH FOR CONFIGURED LTECELL (1205) Implicitly cleared: true Default probable cause: configurationOrCustomizationError (902)	<ul style="list-style-type: none"> • LR14.1.L • LR14.3.L
Description: This alarm indicates that the required CPRI line rate to support the bandwidth of the configured cell can not be achieved due to licensing restriction.		
Impact: Telecom: The cell is not operational. OAM: No impact on OAM service.		
Remedial action: The operator shall purchase the license for CPRI rate 5		

Table 28-1226 IK4305187 - TERTIARY CPRI PORT CONFIGURATION MISMATCH

Alarm	Attributes	Applicable major releases
Name: IK4305187 (7999) Type: processingErrorAlarm (81) Package: lte Raised on class: lte.RRH	Severity: minor Specific problem: TERTIARY CPRI PORT CONFIGURATION MISMATCH (1904) Implicitly cleared: true Default probable cause: configurationOrCustomizationError (902)	<ul style="list-style-type: none"> LR14.3.L
Description: This alarm indicates the misalignment between the tertiary CPRI port position in MIM configuration and the detected tertiary CPRI port position, or the tertiary CPRI port is configured but the RRH cant support 3 ports at all.		
Impact: Telecom: the assigned cell is not operational. OAM: No impact on OAM service.		
Remedial action: Verify and correct the configuration data or Verify and correct the hardware configuration, or verify if RRH support 3 CPRI ports.		

Table 28-1227 IK4305188 - CELL OR SECTOR CONFIGURATION MISMATCH VERSUS HARDWARE

Alarm	Attributes	Applicable major releases
Name: IK4305188 (8000) Type: processingErrorAlarm (81) Package: lte Raised on class: lte.Cell	Severity: critical Specific problem: CELL OR SECTOR CONFIGURATION MISMATCH VERSUS HARDWARE (1905) Implicitly cleared: true Default probable cause: configurationOrCustomizationError (902)	<ul style="list-style-type: none"> LR14.3.L
Description: This alarm indicates inconsistency in the cell or corresponding sector configuration versus the RRH hardware capacity		
Impact: Telecom: the cell is not operational. OAM: No impact on OAM service.		
Remedial action: Verify and correct the configuration data or Verify and correct the hardware configuration		

Table 28-1228 IK4305189 - LTE NEIGHBOR RELATION MIB INSTANCE CANNOT BE REMOVED BY ANR

Alarm	Attributes	Applicable major releases
Name: IK4305189 (8001) Type: processingErrorAlarm (81) Package: lte Raised on class: lte.Cell	Severity: major Specific problem: LTE NEIGHBOR RELATION MIB INSTANCE CANNOT BE REMOVED BY ANR (603) Implicitly cleared: true Default probable cause: configurationOrCustomizationError (902)	<ul style="list-style-type: none"> LR14.3.L
Description: This alarm indicates the LTE neighbor relation MIB instance is not removed because the removal is not allowed.		
Impact: Mobility to this Neighbor will be impacted.		
Remedial action: Remove the existing LTE neighbor relation so that it can be created by ANR under the correct frequency.		

Table 28-1229 IK4305190 - LICENSE REQUIRED TO SUPPORT THE CONFIGURED LTECELL

Alarm	Attributes	Applicable major releases
Name: IK4305190 (8002) Type: equipmentAlarm (3) Package: Ite Raised on class: Ite.Cell	Severity: critical Specific problem: LICENSE REQUIRED TO SUPPORT THE CONFIGURED LTECELL (1906) Implicitly cleared: true Default probable cause: configurationOrCustomizationError (902)	<ul style="list-style-type: none"> LR14.3.L
Description: This alarm indicates that the cell cannot be enabled due to licensing restriction		
Impact: Telecom: The cell is not operational. OAM: No impact on OAM service.		
Remedial action: The operator shall purchase the corresponding license.		

Table 28-1230 IK4305191 - 4TX CELL CONFIGURATION FAILURE

Alarm	Attributes	Applicable major releases
Name: IK4305191 (8003) Type: processingErrorAlarm (81) Package: Ite Raised on class: Ite.Cell	Severity: critical Specific problem: 4TX CELL CONFIGURATION FAILURE (1907) Implicitly cleared: true Default probable cause: configurationOrCustomizationError (902)	<ul style="list-style-type: none"> LR14.3.L
Description: This alarm indicates a cell is configured with 4 DL antennas, whereas the feature allowing 4 Tx antennas is disabled (is4TxAntennasEnabled="false").		
Impact: Telecom: The telecom service on the cell is disabled. OAM: No impact on OAM service.		
Remedial action: Verify the DL antennas setting for this cell in MIM and verify the is4TxAntennasEnabled flag in MIM.		

Table 28-1231 IK4305192 - CONFIGURATION DATA REJECTED

Alarm	Attributes	Applicable major releases
Name: IK4305192 (8004) Type: processingErrorAlarm (81) Package: Ite Raised on class: Ite.RFM	Severity: major Specific problem: CONFIGURATION DATA REJECTED (1908) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> LR14.3.L
Description: This alarm indicates inconsistency in the RFM configuration data.		
Impact: Telecom: Possible loss of telecom resources. OAM: No impact on OAM service.		
Remedial action: Verify and correct the configuration data. Identify from additional info the impacted parameter.		

Table 28-1232 IK4306000 - UNEXPECTED RF MODULE RESET

Alarm	Attributes	Applicable major releases
Name: IK4306000 (5361) Type: equipmentAlarm (3) Package: lte Raised on class: lte.RFM	Severity: variable Specific problem: UNEXPECTED RF MODULE RESET (1206) Implicitly cleared: true Default probable cause: unknown (1097)	<ul style="list-style-type: none"> • LR14.1.L • LR14.3.L
Description: This event indicates that the ENB suffered from an unexpected, unplanned failure on the RFM. Specific details are in the Additional Text.		
Impact: Depending on the nature of the failure, some Telecom or OAM functionalities may not be available during recovery. On successful reset, the Telecom and OAM functionalities are available.		
Remedial action: No action is required.		

Table 28-1233 IK4306001 - SESSION STOP FAILURE AT MCE

Alarm	Attributes	Applicable major releases
Name: IK4306001 (4772) Type: processingErrorAlarm (81) Package: lte Raised on class: lte.Mce	Severity: variable Specific problem: SESSION STOP FAILURE AT MCE (1207) Implicitly cleared: true Default probable cause: unknown (1097)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L
Description: This event indicates that the Session Stop procedure has failed at MCE level.		
Impact: Risk of MBSFN mode breakdown for the MBSFN Area having the session wrongly stopped.		
Remedial action: No action is required.		

Table 28-1234 IK4306002 - SESSION STOP FAILURE AT ENB

Alarm	Attributes	Applicable major releases
Name: IK4306002 (4773) Type: processingErrorAlarm (81) Package: lte Raised on class: lte.ENBEquipment	Severity: variable Specific problem: SESSION STOP FAILURE AT ENB (1208) Implicitly cleared: true Default probable cause: unknown (1097)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This event indicates the Session Stop procedure has failed at eNB level.		
Impact: Risk of MBSFN mode breakdown for the MBSFN Area having the session wrongly stopped.		
Remedial action: No action is required.		

Table 28-1235 IK4306003 - MBSFN - POSITIONNING REFERENCE SIGNAL COLLISION

Alarm	Attributes	Applicable major releases
Name: IK4306003 (4774) Type: operationalViolation (93) Package: lte Raised on class: lte.Cell	Severity: variable Specific problem: MBSFN - POSITIONNING REFERENCE SIGNAL COLLISION (1209) Implicitly cleared: true Default probable cause: unknown (1097)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This event indicates that the set of sub-frames allocated by the MCE for eMBMS services overwrites some sub-frames dedicated to Positioning reference signals.		
Impact: New eMBMS services may not be transmitted or geolocalization of users may fail.		
Remedial action: No action is required.		

Table 28-1236 IK4306004 - MBSFN - ABS SUB-FRAME COLLISION

Alarm	Attributes	Applicable major releases
Name: IK4306004 (4775) Type: operationalViolation (93) Package: lte Raised on class: lte.Cell	Severity: variable Specific problem: MBSFN - ABS SUB-FRAME COLLISION (1210) Implicitly cleared: true Default probable cause: unknown (1097)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This event indicates that the set of sub-frames allocated by the MCE for eMBMS services includes some Almost Blank Subframes reserved for the eICIC feature.		
Impact: New eMBMS services may not be transmitted or the current cell may interfere with some neighbour cells.		
Remedial action: No action is required.		

Table 28-1237 IK4306005 - LACK OF UNICAST RESOURCES DUE TO EMBMS RESOURCE ALLOCATION

Alarm	Attributes	Applicable major releases
Name: IK4306005 (4776) Type: qualityOfServiceAlarm (82) Package: lte Raised on class: lte.Cell	Severity: major Specific problem: LACK OF UNICAST RESOURCES DUE TO EMBMS RESOURCE ALLOCATION (1211) Implicitly cleared: true Default probable cause: congestion (694)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This alarm indicates the amount of sub-frames needed by the unicast bearers is exceeding the configured threshold.		
Impact: Unicast traffic in excess may be discarded.		
Remedial action: Multiple actions are possible: (1) use a greater value of unicastPercentUsageThreshold (2) use a larger value of unicastCongestionTime (3) reserve more resources for eMBMS in eNB admission control (percentMcastReservedPRB) (4) limit the eMBMS resources over the different MBSFN areas in the MCE configuration (5) set up external equipments so that they can notify the MCE of session start with more anticipation and unicast bearers have more time to disconnect		

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Table 28-1238 IK4306006 - NETCONF QUEUE LIMIT EXCEEDED

Alarm	Attributes	Applicable major releases
Name: IK4306006 (4777) Type: equipmentAlarm (3) Package: lte Raised on class: lte.ENBEquipment	Severity: major Specific problem: NETCONF QUEUE LIMIT EXCEEDED (1212) Implicitly cleared: true Default probable cause: queueSizeExceeded (712)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This alarm indicates that one or more DB update request messages received from eNB CallIP has been discarded by eNB OAM due to Netconf queue exceeding its limit. The alarm is cleared when no messages have been discarded for 5 minutes.		
Impact: DB updates triggered by CallIP (such as Neighbor relation and X2Access additions/deletion/modifications) cannot be made.		
Remedial action: Remove any PCI related mismatches using WPS checks (specifically check Nei_Lte_0003)		

Table 28-1239 IK4306008 - #11 IPSEC TUNNEL FAILURE

Alarm	Attributes	Applicable major releases
Name: IK4306008 (4779) Type: processingErrorAlarm (81) Package: lte Raised on class: lte.ENBEquipment	Severity: major Specific problem: #11 IPSEC TUNNEL FAILURE (1214) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This alarm indicates the failure of the IPsec tunnel (#11).		
Impact: Telecom: Telecom traffic is not possible. OAM: No impact on OAM service.		
Remedial action: Check the IP Security configuration.		

Table 28-1240 IK4306009 - #12 IPSEC TUNNEL FAILURE

Alarm	Attributes	Applicable major releases
Name: IK4306009 (4780) Type: processingErrorAlarm (81) Package: lte Raised on class: lte.ENBEquipment	Severity: major Specific problem: #12 IPSEC TUNNEL FAILURE (1215) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This alarm indicates the failure of the IPsec tunnel (#12).		
Impact: Telecom: Telecom traffic is not possible. OAM: No impact on OAM service.		
Remedial action: Check the IP Security configuration.		

Table 28-1241 IK4306010 - #13 IPSEC TUNNEL FAILURE

Alarm	Attributes	Applicable major releases
Name: IK4306010 (4781) Type: processingErrorAlarm (81) Package: Ite Raised on class: Ite.ENBEquipment	Severity: major Specific problem: #13 IPSEC TUNNEL FAILURE (1216) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This alarm indicates the failure of the IPsec tunnel (#13).		
Impact: Telecom: Telecom traffic is not possible. OAM: No impact on OAM service.		
Remedial action: Check the IP Security configuration.		

Table 28-1242 IK4306011 - #14 IPSEC TUNNEL FAILURE

Alarm	Attributes	Applicable major releases
Name: IK4306011 (4782) Type: processingErrorAlarm (81) Package: Ite Raised on class: Ite.ENBEquipment	Severity: major Specific problem: #14 IPSEC TUNNEL FAILURE (1217) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This alarm indicates the failure of the IPsec tunnel (#14).		
Impact: Telecom: Telecom traffic is not possible. OAM: No impact on OAM service.		
Remedial action: Check the IP Security configuration.		

Table 28-1243 IK4306014 - INSUFFICIENT CPRI IQ RESOURCE FOR CONFIGURED LTECELL

Alarm	Attributes	Applicable major releases
Name: IK4306014 (4999) Type: equipmentAlarm (3) Package: Ite Raised on class: Ite.Cell	Severity: critical Specific problem: INSUFFICIENT CPRI IQ RESOURCE FOR CONFIGURED LTECELL (1220) Implicitly cleared: true Default probable cause: configurationOrCustomizationError (902)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This alarm indicates that there are no cpri IQ resource available to support the configured cell.		
Impact: Telecom: The cell is not operational. OAM: No impact on OAM service.		
Remedial action: Check any HW(SFP, RRH type, CB type) impact on CPRI IQ resource. If HW is correct, verify and correct the configuration data.		

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Table 28-1244 IK4306015 - INVALID TIME ZONE NAME

Alarm	Attributes	Applicable major releases
Name: IK4306015 (5362) Type: processingErrorAlarm (81) Package: lte Raised on class: lte.ENBEquipment	Severity: minor Specific problem: INVALID TIME ZONE NAME (1221) Implicitly cleared: true Default probable cause: softwareError (718)	<ul style="list-style-type: none"> • LR14.1.L • LR14.3.L
Description: This alarm indicates that the eNodeB could not be configured with the requested time zone.		
Impact: Telecom: No impact on the service. OAM: While this alarm is active, the eNB will use UTC as the local time zone, and the alarm will persist until the user correctly configures the timeZoneName, even when the eNB restarts. When the eNB is correctly configured to a valid timeZoneName, the alarm will be cleared.		
Remedial action: Operator may select another equivalent time zone value, e.g. try Etc/GMT+x or Etc/GMT-x instead of the requested Area/Location, or contact their next level of technical support.		

Table 28-1245 IK4306016 - CELL DISABLED DUE TO LRA

Alarm	Attributes	Applicable major releases
Name: IK4306016 (5363) Type: processingErrorAlarm (81) Package: lte Raised on class: lte.Cell	Severity: critical Specific problem: CELL DISABLED DUE TO LRA (1222) Implicitly cleared: true Default probable cause: communicationsProtocolError (901)	<ul style="list-style-type: none"> • LR14.1.L • LR14.3.L
Description: This alarm indicates that the cell was disabled by a LRA from another alarm.		
Impact: The service is not possible on this cell.		
Remedial action: Lock and unlock the cell. If the alarm persists. Call the next level of support.		

Table 28-1246 IK4306017 - PARAMETER WRITE FAILURE

Alarm	Attributes	Applicable major releases
Name: IK4306017 (5364) Type: processingErrorAlarm (81) Package: lte Raised on class: lte.ENBEquipment	Severity: warning Specific problem: PARAMETER WRITE FAILURE (1223) Implicitly cleared: true Default probable cause: configurationOrCustomizationError (902)	<ul style="list-style-type: none"> • LR14.1.L • LR14.3.L
Description: An antenna port parameter (such as antennaGainConfigure or horizontalBeamwidthConfigure) was set, however the corresponding parameter (antennaGain, horizontalBeamwidth) could not be changed, possibly because the value is read from the hardware (such as for AA units). The SAM and eNodeB databases have different values for these parameters while the alarm is raised.		
Impact: No direct system impact, however the modified parameter should be returned to its previous value to clear the alarm and keep the SAM and eNodeB database aligned.		
Remedial action: Determine the equipped RFM type. If AA, then antenna characteristics are read from the hardware and cannot be modified. Change the setting (antennaGainConfigure, horizontalBeamwidthConfigure, or other) back to Unset.		

Table 28-1247 IK4306022 - IPSEC KEY GENERATION FAILURE

Alarm	Attributes	Applicable major releases
Name: IK4306022 (5000) Type: processingErrorAlarm (81) Package: lte Raised on class: lte.ENBEquipment	Severity: critical Specific problem: IPSEC KEY GENERATION FAILURE (1224) Implicitly cleared: true Default probable cause: corruptData (910)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This alarm indicates that the eNB platform failed to generate an RSA key pair for IPsec.		
Impact: If the RSA key generation fails, the eNB cannot request a new IPsec certificate, and the eNB cannot setup the IPsec tunnel with the SeGW. The communication between the eNB and SAM and Packet Core (MME, SGW) will be lost.		
Remedial action: Reboot the eNB manually at a later time. If this problem continues, the operator should contact Alcatel-Lucent support.		

Table 28-1248 IK4306023 - IPSEC IKE CONFIGURATION FAILURE

Alarm	Attributes	Applicable major releases
Name: IK4306023 (5001) Type: processingErrorAlarm (81) Package: lte Raised on class: lte.ENBEquipment	Severity: critical Specific problem: IPSEC IKE CONFIGURATION FAILURE (1225) Implicitly cleared: true Default probable cause: configurationOrCustomizationError (902)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: The alarm indicates IPsec IKE configuration failure.		
Impact: If the IPsec and/or IKE configuration failed, then the eNB cannot setup the IPsec tunnel with the SeGW. Depending on the tunnel configuration (OAM or Telecom), the communication between the eNB and SAM and Packet Core (MME, SGW) will not be possible.		
Remedial action: Check the correctness of the eNB configuration data and apply the data again. eNB should reset. If after eNB start-up the problem/alarm persists and the problem is not related to eNB misconfiguration then call next level of support.		

Table 28-1249 IK4306024 - MEDO LOSS OF COMMUNICATION

Alarm	Attributes	Applicable major releases
Name: IK4306024 (5002) Type: equipmentAlarm (3) Package: lte Raised on class: lte.ENBEquipment	Severity: minor Specific problem: MEDO LOSS OF COMMUNICATION (1226) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This alarm indicates that a failure in internal communication with the Metro Dock.		
Impact: OAM inventory reporting for Metro Dock becoming incorrect.		
Remedial action: Check for connectivity with the board.		

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Table 28-1250 IK4306025 - HW SW CAPABILITY INCOMPATIBLE MODEM TYPE

Alarm	Attributes	Applicable major releases
Name: IK4306025 (5003) Type: equipmentAlarm (3) Package: Ite Raised on class: Ite.Cell	Severity: critical Specific problem: HW SW CAPABILITY INCOMPATIBLE MODEM TYPE (1227) Implicitly cleared: true Default probable cause: configurationOrCustomizationError (902)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This alarm indicates that the installed modem type is not compatible with installed controller board or with expectedModemType.		
Impact: TELECOM traffic is not allowed with this configuration.		
Remedial action: The operator has to 1 - lock the cell. 2 - change the MIM configuration accordingly the installed eNB HW. 3 - unlock the cell.		

Table 28-1251 IK4306026 - HW SW CAPABILITY EXPECTED CONTROLLER NOT EQUIPPED

Alarm	Attributes	Applicable major releases
Name: IK4306026 (5004) Type: equipmentAlarm (3) Package: Ite Raised on class: Ite.Cell	Severity: critical Specific problem: HW SW CAPABILITY EXPECTED CONTROLLER NOT EQUIPPED (1228) Implicitly cleared: true Default probable cause: configurationOrCustomizationError (902)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This alarm indicates that the installed controller type is not compatible with the expectedControllerType in MIM.		
Impact: TELECOM traffic is not allowed with this configuration.		
Remedial action: The operator has to 1 - lock the cell. 2 - change the MIM configuration accordingly the installed eNB controller HW. 3 - unlock the cell.		

Table 28-1252 IK4306027 - UNEXPECTED BASEBAND BOARD RESET BB

Alarm	Attributes	Applicable major releases
Name: IK4306027 (5005) Type: processingErrorAlarm (81) Package: Ite Raised on class: Ite.BBCardSpecifics	Severity: variable Specific problem: UNEXPECTED BASEBAND BOARD RESET BB (1229) Implicitly cleared: true Default probable cause: unknown (1097)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This event indicates that the baseband board suffered from an unexpected, unplanned reset. Specific details are in the Additional Text.		
Impact: Telecom: All associated calls and cells are not operational during reset. On successful reset, all resources are functional. OAM: No impact on OAM.		
Remedial action: No action is required.		

Table 28-1253 IK4306028 - INTER-FREQ LOAD BALANCING BEGIN

Alarm	Attributes	Applicable major releases
Name: IK4306028 (5006) Type: qualityOfServiceAlarm (82) Package: Ite Raised on class: Ite.Cell	Severity: variable Specific problem: INTER-FREQ LOAD BALANCING BEGIN (1230) Implicitly cleared: true Default probable cause: unknown (1097)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This event indicate that inter-freq load balancing procedure begins.		
Impact: No impact		
Remedial action: No action is required.		

Table 28-1254 IK4306029 - INTER-FREQ LOAD BALANCING END

Alarm	Attributes	Applicable major releases
Name: IK4306029 (5007) Type: qualityOfServiceAlarm (82) Package: Ite Raised on class: Ite.Cell	Severity: variable Specific problem: INTER-FREQ LOAD BALANCING END (1231) Implicitly cleared: true Default probable cause: unknown (1097)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This event indicate that inter-freq load balancing procedure ends.		
Impact: No impact		
Remedial action: No action is required.		

Table 28-1255 IK4306030 - MCE CAC FAILURE

Alarm	Attributes	Applicable major releases
Name: IK4306030 (5008) Type: qualityOfServiceAlarm (82) Package: Ite Raised on class: Ite.Mce	Severity: variable Specific problem: MCE CAC FAILURE (1232) Implicitly cleared: true Default probable cause: unknown (1097)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: Description1: MCE admission reaches the max nbr of sessions in MBSFN Area -Mbsfnareald-;. Failed sessions -listofFailedTmgi-; at time -TargetUtcTime-; Description2: MCE admission reaches the max nbr of available sub-frames in MBSFN Area -Mbsfnareald- at time -TargetUtcTime-;. Nbr of needed Sf -; NbrNeededSf-; nbr of available Sf -NbrAvailableSf-; failed sessions -listofFailedTmgi-;		
Impact: One or several eMBMS sessions are rejected.		
Remedial action: No action is required.		

Table 28-1256 IK4306031 - M2 ERROR INDICATION FAILURE

Alarm	Attributes	Applicable major releases
Name: IK4306031 (5009) Type: processingErrorAlarm (81) Package: lte Raised on class: lte.Mce	Severity: variable Specific problem: M2 ERROR INDICATION FAILURE (1233) Implicitly cleared: true Default probable cause: unknown (1097)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This event indicates that the fault is still present on eNB side in despite of a M2 ERROR INDICATION procedure previously exchanged between the eNB and the MCE to solve the issue.		
Impact: One or several eMBMS sessions can not be broadcasted.		
Remedial action: No action is required.		

Table 28-1257 IK4306032 - PCI RAISED RECORD REMOVED

Alarm	Attributes	Applicable major releases
Name: IK4306032 (5010) Type: processingErrorAlarm (81) Package: lte Raised on class: lte.ENBEquipment	Severity: variable Specific problem: PCI RAISED RECORD REMOVED (1234) Implicitly cleared: true Default probable cause: unknown (1097)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This event indicates SAM/operator that the raised PCI changing request is deleted by eNB itself due to the PCI status changing to unresolved or resolved by other ways.		
Impact: No impact		
Remedial action: No action is required.		

Table 28-1258 IK4306033 - SON REQUEST TABLE NOT EMPTY

Alarm	Attributes	Applicable major releases
Name: IK4306033 (5011) Type: qualityOfServiceAlarm (82) Package: lte Raised on class: lte.ENBEquipment	Severity: minor Specific problem: SON REQUEST TABLE NOT EMPTY (1235) Implicitly cleared: true Default probable cause: performanceDegraded (710)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This alarm indicates SAM/operator that there are valid SON 'changing request records' remaining and waiting for operator feedback in the SON control mode.		
Impact: If no feedback from operator on these 'changing request record', the related process in SON control mode is pending.		
Remedial action: Operator give feedback on the existing 'changing request record'.		

Table 28-1259 IK4306034 - SON REQUEST TABLE FULL

Alarm	Attributes	Applicable major releases
Name: IK4306034 (5012) Type: qualityOfServiceAlarm (82) Package: Ite Raised on class: Ite.ENBEquipment	Severity: minor Specific problem: SON REQUEST TABLE FULL (1236) Implicitly cleared: true Default probable cause: performanceDegraded (710)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This alarm indicates SAM/operator that there is no valid SON related 'changing request records' can be raised by eNB in the SON control mode.		
Impact: If no feedback from operator on these 'changing request record', the control mode of certain SON area is totally pending.		
Remedial action: Operator give feedback on the existing request record.		

Table 28-1260 IK4306035 - INCONSISTENT IP VERSION MULTICAST ADDRESS

Alarm	Attributes	Applicable major releases
Name: IK4306035 (5365) Type: communicationsAlarm (4) Package: Ite Raised on class: Ite.ENBEquipment	Severity: variable Specific problem: INCONSISTENT IP VERSION MULTICAST ADDRESS (1237) Implicitly cleared: true Default probable cause: unknown (1097)	<ul style="list-style-type: none"> • LR14.1.L • LR14.3.L
Description: This event indicates that inconsistency between the VLAN configuration in the eNB and the IP version of the multicast address or the IP version of the multicast source address received in the M3 Session Start and M2 Session Start messages.		
Impact: The Multicast channel cannot be established with the Last Hop router and the M1 multicast traffic cannot be sent by the eNB.		
Remedial action: No action is required.		

Table 28-1261 IK4306036 - OAM MODEM FUNCTION FAULT 2

Alarm	Attributes	Applicable major releases
Name: IK4306036 (5366) Type: equipmentAlarm (3) Package: Ite Raised on class: Ite.MODULE	Severity: minor Specific problem: OAM MODEM FUNCTION FAULT 2 (1190) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR14.1.L • LR14.3.L
Description: Provisioned for late churn-in. This is a spare alarm for future use.		
Impact: Refer to additional information in the alarm report.		
Remedial action: Refer to additional information in the alarm report.		

Table 28-1262 IK4306037 - SIM HEALTH CHECK -TX PWR FAILED

Alarm	Attributes	Applicable major releases
Name: IK4306037 (5367) Type: processingErrorAlarm (81) Package: lte Raised on class: lte.Cell	Severity: critical Specific problem: SIM HEALTH CHECK -TX PWR FAILED (1238) Implicitly cleared: true Default probable cause: softwareProgramError (720)	<ul style="list-style-type: none"> LR14.1.L
Description: This alarm indicates that the System Integrity Monitor monitoring the health of the eNodeB has detected a degradation. Depending on the severity of the degradation, local recovery actions may be taken.		
Impact: Telecom: The alarm is notice that the cell is degraded. OAM: no impact.		
Remedial action: If the alarm persists, the cell may need to be reinitialized.		

Table 28-1263 IK4306038 - DNS RESOLUTION ERROR

Alarm	Attributes	Applicable major releases
Name: IK4306038 (5368) Type: securityServiceOrMechanismViolation (92) Package: lte Raised on class: lte.ENBEquipment	Severity: variable Specific problem: DNS RESOLUTION ERROR (1239) Implicitly cleared: true Default probable cause: unknown (1097)	<ul style="list-style-type: none"> LR14.1.L LR14.3.L
Description: This event indicates that the searched item does not exist in DNS		
Impact: Depends on eNB configuration for certificate revocation (strictCrIPolicy parameter): either no impact (not strict..) or IPsec setup fails in which case there will be a separate alarm		
Remedial action: No action is required.		

Table 28-1264 IK4306039 - LOSS OF EMBMS PHASE SYNC

Alarm	Attributes	Applicable major releases
Name: IK4306039 (5369) Type: equipmentAlarm (3) Package: lte Raised on class: lte.CBCardSpecifics	Severity: major Specific problem: LOSS OF EMBMS PHASE SYNC (755) Implicitly cleared: true Default probable cause: lossOfSignal (99)	<ul style="list-style-type: none"> LR14.1.L LR14.3.L
Description: This alarm indicates that the phase-sync requirement for supporting eMBMS can no longer be guaranteed due to the loss of clock reference.		
Impact: eMBMS specified commitment for error rate and cell coverage can no longer be guaranteed due to phase drift.		
Remedial action: If alarm remains consider the Clock reference alarms to determine the cause of the onset of holdover.		

Table 28-1265 IK4306040 - LOGICAL RESET AND RF RECONF DUE TO ON-LINE B-CELL+RF(s) CLASS PARAMETER UPDATE

Alarm	Attributes	Applicable major releases
Name: IK4306040 (5370) Type: processingErrorAlarm (81) Package: Ite Raised on class: Ite.Cell	Severity: variable Specific problem: LOGICAL RESET AND RF RECONF DUE TO ON-LINE B-CELL+RF(s) CLASS PARAMETER UPDATE (1240) Implicitly cleared: true Default probable cause: unknown (1097)	<ul style="list-style-type: none"> • LR14.1.L • LR14.3.L
Description: This event indicates the LTE Cell is logically reset and the RF is reconfigured during parameter update procedure.		
Impact: The LTE Cell is reset and the RF is reconfigured, releasing all calls handled on this cell. The cell is then back into service with new values of the parameters.		
Remedial action: No action is required.		

Table 28-1266 IK4306041 - SHUTDOWN TIMEOUT WITH EMERGENCY HIGH PRIORITY CALLS ACTIVE

Alarm	Attributes	Applicable major releases
Name: IK4306041 (5371) Type: communicationsAlarm (4) Package: Ite Raised on class: Ite.Cell	Severity: warning Specific problem: SHUTDOWN TIMEOUT WITH EMERGENCY HIGH PRIORITY CALLS ACTIVE (1178) Implicitly cleared: true Default probable cause: callEstablishmentError (778)	<ul style="list-style-type: none"> • LR14.1.L • LR14.3.L
Description: This alarm indicates that the shutdown timer has expired for a shutting down MO but the cell has at least one emergency or high priority call active. The shutting down MO will not be locked until all emergency and high priority calls have terminated.		
Impact: Transmit power is not gradually reduced in the affected cell to encourage handoffs of existing calls. Shutting down MO is not locked until all emergency and high priority calls are terminated.		
Remedial action: Operator should wait for all emergency and high priority calls to terminate or force the shut down to end by locking the shutting down MO.		

Table 28-1267 IK4306042 - EMERGENCY HIGH PRIORITY CALLS ACTIVE FOR BLOCKED CELL

Alarm	Attributes	Applicable major releases
Name: IK4306042 (5372) Type: communicationsAlarm (4) Package: Ite Raised on class: Ite.Cell	Severity: warning Specific problem: EMERGENCY HIGH PRIORITY CALLS ACTIVE FOR BLOCKED CELL (1179) Implicitly cleared: true Default probable cause: callEstablishmentError (778)	<ul style="list-style-type: none"> • LR14.1.L • LR14.3.L
Description: This alarm indicates that there is at least one emergency or high priority call active on a cell that is blocked. The cell will not be disabled until all emergency and high priority calls have terminated.		

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Alarm	Attributes	Applicable major releases
Impact: Transmit power is not gradually reduced in the affected cell to encourage handoffs of existing calls. Shutting down MO is not locked until all emergency and high priority calls are terminated.		
Remedial action: Operator should wait for all emergency and high priority calls to terminate or force the shut down to end by locking the shutting down MO.		

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Table 28-1268 IK4306043 - WALG INITIALIZATION FAILURE

Alarm	Attributes	Applicable major releases
Name: IK4306043 (5373) Type: equipmentAlarm (3) Package: Ite Raised on class: Ite.MODULE	Severity: critical Specific problem: WALG INITIALIZATION FAILURE (660) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR14.1.L • LR14.3.L
Description: This alarm indicates a failure to initialize the eNodeB network processor.		
Impact: Telecom traffic is not possible.		
Remedial action: Reset the eNodeB.		

Table 28-1269 IK4306044 - CB UNEXPECTED PARTIAL FAILURE

Alarm	Attributes	Applicable major releases
Name: IK4306044 (5013) Type: processingErrorAlarm (81) Package: Ite Raised on class: Ite.CBCardSpecifics	Severity: variable Specific problem: CB UNEXPECTED PARTIAL FAILURE (1241) Implicitly cleared: true Default probable cause: unknown (1097)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This event indicates that the ENB suffered from an unexpected, unplanned partial failure on the CB. Specific details are in the Additional Text.		
Impact: Depending on the nature of the partial failure, some Telecom or OAM functionalities may not be available during recovery. On recovery, the Telecom and OAM functionalities are available. Details of the fault signature are in the additional text.		
Remedial action: No action is required.		

Table 28-1270 IK4306045 - BB UNEXPECTED PARTIAL FAILURE

Alarm	Attributes	Applicable major releases
Name: IK4306045 (5014) Type: processingErrorAlarm (81) Package: lte Raised on class: lte.BBCardSpecifics	Severity: variable Specific problem: BB UNEXPECTED PARTIAL FAILURE (1242) Implicitly cleared: true Default probable cause: unknown (1097)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This event indicates that the ENB suffered from an unexpected, unplanned partial failure on the BB. Specific details are in the Additional Text.		
Impact: Depending on the nature of the partial failure, some Telecom or OAM functionalities may not be available during recovery. On recovery, the Telecom and OAM functionalities are available. Details of the fault signature are in the additional text.		
Remedial action: No action is required.		

Table 28-1271 IK4306046 - SCB UNEXPECTED PARTIAL FAILURE

Alarm	Attributes	Applicable major releases
Name: IK4306046 (5015) Type: processingErrorAlarm (81) Package: lte Raised on class: lte.MODULE	Severity: variable Specific problem: SCB UNEXPECTED PARTIAL FAILURE (1243) Implicitly cleared: true Default probable cause: unknown (1097)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This event indicates that the ENB suffered from an unexpected, unplanned partial failure on the SCB. Specific details are in the Additional Text.		
Impact: Depending on the nature of the partial failure, some Telecom or OAM functionalities may not be available during recovery. On recovery, the Telecom and OAM functionalities are available. Details of the fault signature are in the additional text.		
Remedial action: No action is required.		

Table 28-1272 IK4306047 - POOL USAGE FOR RADIO ALLOCATION

Alarm	Attributes	Applicable major releases
Name: IK4306047 (5016) Type: processingErrorAlarm (81) Package: lte Raised on class: lte.Mce	Severity: variable Specific problem: POOL USAGE FOR RADIO ALLOCATION (1244) Implicitly cleared: true Default probable cause: unknown (1097)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L
Description: This event indicates that the MCE needs to use the pool of radio resources to complete the allocation for a session.		
Impact: No impact.		
Remedial action: No action is required.		

Table 28-1273 IK4306048 - MBMS RADIO CONFIGURATION FAILURE

Alarm	Attributes	Applicable major releases
Name: IK4306048 (5017) Type: processingErrorAlarm (81) Package: Ite Raised on class: Ite.Cell	Severity: variable Specific problem: MBMS RADIO CONFIGURATION FAILURE (1245) Implicitly cleared: true Default probable cause: unknown (1097)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This event indicates that the radio configuration made by the MCE for eMBMS could not be setup correctly.		
Impact: eMBMS services not transmitted.		
Remedial action: No action is required.		

Table 28-1274 IK4306049 - TIME FOR SESSION START STOP or UPDATE

Alarm	Attributes	Applicable major releases
Name: IK4306049 (5018) Type: integrityViolation (85) Package: Ite Raised on class: Ite.Mce	Severity: variable Specific problem: TIME FOR SESSION START STOP or UPDATE (489) Implicitly cleared: true Default probable cause: operatorCommand (905)	<ul style="list-style-type: none"> • LR13.3
Description: This event indicates that there is no absolute time has been provided in any received M3 MBMS Session Start Request, M3 MBMS Session Stop Request or M3 MBMS Session Update Request message.		
Impact: MbsfnArea allocation inconsistency might occur		
Remedial action: For the future sessions to start or stop, check that the Absolute Time is filled to avoid any risk of MbsfnArea allocation inconsistency.		

Table 28-1275 IK4306050 - BAND CLASS-BANDWIDTH NOT SUPPORTED

Alarm	Attributes	Applicable major releases
Name: IK4306050 (5019) Type: equipmentAlarm (3) Package: Ite Raised on class: Ite.Cell	Severity: major Specific problem: BAND CLASS-BANDWIDTH NOT SUPPORTED (1246) Implicitly cleared: true Default probable cause: configurationOrCustomizationError (902)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This alarm indicates that when a non-supported Band Class or Bandwidth is detected based on the Metro modem type.		
Impact: Disable cell		
Remedial action: 1 - Lock the cell. ; 2.Make sure to configure/equip the supported Band-class or Band width based on the equipped Modem type.; 3. -Unlock the cell.		

Table 28-1276 IK4306051 - MODEM CAPACITY CONFIGURATION FAILURE

Alarm	Attributes	Applicable major releases
Name: IK4306051 (5020) Type: equipmentAlarm (3) Package: lte Raised on class: lte.Cell	Severity: minor Specific problem: MODEM CAPACITY CONFIGURATION FAILURE (1247) Implicitly cleared: true Default probable cause: configurationOrCustomizationError (902)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This alarm indicates that if the capacity tolerance check fails based on the Metro modem type.		
Impact: cell is degraded		
Remedial action: Check the capacity tolerance based on the equipped Modem type.		

Table 28-1277 IK4306052 - MODEM BOARD INCOMPATIBLE WITH CONTROLLER BOARD

Alarm	Attributes	Applicable major releases
Name: IK4306052 (5021) Type: equipmentAlarm (3) Package: lte Raised on class: lte.MODULE	Severity: critical Specific problem: MODEM BOARD INCOMPATIBLE WITH CONTROLLER BOARD (1248) Implicitly cleared: true Default probable cause: configurationOrCustomizationError (902)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This alarm indicates that the modem board is not compatible with the controller board.		
Impact: The cell(s) supported by this modem are disabled.		
Remedial action: Change the modem board to a modem board supported by the controller type.		

Table 28-1278 IK4306053 - CB DATA BASE RESTORE FAILURE

Alarm	Attributes	Applicable major releases
Name: IK4306053 (5022) Type: processingErrorAlarm (81) Package: lte Raised on class: lte.CBCardSpecifics	Severity: warning Specific problem: CB DATA BASE RESTORE FAILURE (1249) Implicitly cleared: true Default probable cause: softwareProgramError (720)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This alarm indicates if eNB fails to download successfully the full DB backup file for a full DB restore request, this alarm will be raised and the download will be failed.		
Impact: Depending on the nature of download failure, some Telecom or OAM functionalities may not be available during eCCM HW swap.		
Remedial action: Retry the download. If the problem persists, contact the next level support.		

Table 28-1279 IK4306060 - RFM OPERATION PROCESSING FAILURE

Alarm	Attributes	Applicable major releases
Name: IK4306060 (5023) Type: processingErrorAlarm (81) Package: Ite Raised on class: Ite.RFM	Severity: critical Specific problem: RFM OPERATION PROCESSING FAILURE (278) Implicitly cleared: true Default probable cause: softwareProgramError (720)	<ul style="list-style-type: none"> LR13.3
Description: This alarm indicates the fault in the RFM software processing.		
Impact: The module is not usable. The LTE cells associated with this module are not operational.		
Remedial action: Reset the RFM. If the problem persists, contact the next level support.		

Table 28-1280 IK4306061 - LOSS OF EMBMS PHASE SYNC

Alarm	Attributes	Applicable major releases
Name: IK4306061 (5374) Type: equipmentAlarm (3) Package: Ite Raised on class: Ite.MODULE	Severity: major Specific problem: LOSS OF EMBMS PHASE SYNC (755) Implicitly cleared: true Default probable cause: lossOfSignal (99)	<ul style="list-style-type: none"> LR14.1.L LR14.3.L
Description: This alarm indicates that the phase-sync requirement for supporting eMBMS can no longer be guaranteed due to the loss of clock reference.		
Impact: eMBMS specified commitment for error rate and cell coverage can no longer be guaranteed due to phase drift.		
Remedial action: If alarm remains consider the Clock reference alarms to determine the cause of the onset of holdover.		

Table 28-1281 IK4306062 - CB UNEXPECTED SOC FAILURE

Alarm	Attributes	Applicable major releases
Name: IK4306062 (5375) Type: processingErrorAlarm (81) Package: Ite Raised on class: Ite.CBCardSpecifics	Severity: variable Specific problem: CB UNEXPECTED SOC FAILURE (1250) Implicitly cleared: true Default probable cause: unknown (1097)	<ul style="list-style-type: none"> LR14.1.L LR14.3.L
Description: This event indicates that the ENB suffered from an unexpected, unplanned reset on a SOC of a CB. Specific details are in the Additional Text.		
Impact: Telecom: all calls and cells associated to the SOC are not operational during reset. On successful reset, all resources are operational.		
Remedial action: No action is required.		

Table 28-1282 IK4306063 - BB UNEXPECTED SOC FAILURE

Alarm	Attributes	Applicable major releases
Name: IK4306063 (5376) Type: processingErrorAlarm (81) Package: Ite Raised on class: Ite.BBCardSpecifics	Severity: variable Specific problem: BB UNEXPECTED SOC FAILURE (1251) Implicitly cleared: true Default probable cause: unknown (1097)	<ul style="list-style-type: none"> • LR14.1.L • LR14.3.L
Description: This event indicates that the ENB suffered from an unexpected, unplanned reset on a SOC of a BB. Specific details are in the Additional Text.		
Impact: Telecom: all calls and cells associated to the SOC are not operational during reset. On successful reset, all resources are operational.		
Remedial action: No action is required.		

Table 28-1283 IK4306064 - ENB LOCATION VERIFICATION FAILURE

Alarm	Attributes	Applicable major releases
Name: IK4306064 (5377) Type: equipmentAlarm (3) Package: Ite Raised on class: Ite.ENBEquipment	Severity: critical Specific problem: ENB LOCATION VERIFICATION FAILURE (1252) Implicitly cleared: true Default probable cause: configurationOrCustomizationError (902)	<ul style="list-style-type: none"> • LR14.1.L • LR14.3.L
Description: This alarm indicates that the eNB may not be in the expected location.		
Impact: Configured coordinates of the eNB might not be correct.		
Remedial action: Check the bbu Configured latitude and longitude and the bbuPositionErrorThreshold.		

Table 28-1284 IK4306065 - RET SOFTWARE DOWNLOAD IN PROGRESS

Alarm	Attributes	Applicable major releases
Name: IK4306065 (5378) Type: equipmentAlarm (3) Package: Ite Raised on class: Ite.RetAlEntry	Severity: variable Specific problem: RET SOFTWARE DOWNLOAD IN PROGRESS (1253) Implicitly cleared: true Default probable cause: unknown (1097)	<ul style="list-style-type: none"> • LR14.1.L • LR14.3.L
Description: This event indicates that a Software Download to RET unit Started.		
Impact: The RET unit will not support some management functions while the software download is in progress.		
Remedial action: No action is required.		

Table 28-1285 IK4306066 - CONFIGURED CELL RESOURCES MISMATCH VERSUS HARDWARE

Alarm	Attributes	Applicable major releases
Name: IK4306066 (5024) Type: processingErrorAlarm (81) Package: lte Raised on class: lte.RRH	Severity: minor Specific problem: CONFIGURED CELL RESOURCES MISMATCH VERSUS HARDWARE (1254) Implicitly cleared: true Default probable cause: configurationOrCustomizationError (902)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This alarm indicates inconsistency in the eNodeB configured cell resources versus the hardware capacity.		
Impact: Telecom: the assigned cell is not operational. OAM: No impact on OAM service.		
Remedial action: Verify and correct the configuration data or Verify and correct the hardware configuration		

Table 28-1286 IK4306067 - RET SOFTWARE DOWNLOAD COMPLETED

Alarm	Attributes	Applicable major releases
Name: IK4306067 (5379) Type: equipmentAlarm (3) Package: lte Raised on class: lte.RetAidEntry	Severity: variable Specific problem: RET SOFTWARE DOWNLOAD COMPLETED (1255) Implicitly cleared: true Default probable cause: unknown (1097)	<ul style="list-style-type: none"> • LR14.1.L • LR14.3.L
Description: This event indicates that a Software Download to a RET unit Completed. The RET unit will reset automatically and would start on the new software		
Impact: The RET unit will support all management functions after restart with the new software.		
Remedial action: No action is required.		

Table 28-1287 IK4306068 - RET ACF DOWNLOAD IN PROGRESS

Alarm	Attributes	Applicable major releases
Name: IK4306068 (5380) Type: equipmentAlarm (3) Package: lte Raised on class: lte.RetAidEntry	Severity: variable Specific problem: RET ACF DOWNLOAD IN PROGRESS (1256) Implicitly cleared: true Default probable cause: unknown (1097)	<ul style="list-style-type: none"> • LR14.1.L • LR14.3.L
Description: This event indicates that a Download of an Antenna Configuration File to RET Subunit Started. The RET unit will not operational until the download is completed.		
Impact: The RET unit will not support some management functions while the software download is in progress.		
Remedial action: No action is required.		

Table 28-1288 IK4306069 - CELL RECONFIGURATION ATTEMPT TO A NEW BB

Alarm	Attributes	Applicable major releases
Name: IK4306069 (5025) Type: qualityOfServiceAlarm (82) Package: lte Raised on class: lte.Cell	Severity: variable Specific problem: CELL RECONFIGURATION ATTEMPT TO A NEW BB (1257) Implicitly cleared: true Default probable cause: unknown (1097)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This event indicates that an attempt to reconfigure the lteCell to a new BB is performed. This procedure happens when a BB meets a permanent failure or when a new BB is inserted in the DBU.		
Impact: Short loss of the LTE service on this cell during the reconfiguration procedure if the cell was enabled at the moment it is reconfigured. The Carrier Aggregation is lost if this reconfiguration happens for coverage recovery reasons.		
Remedial action: No action is required.		

Table 28-1289 IK4306070 - LOSS OF ECSFB PHASE SYNC

Alarm	Attributes	Applicable major releases
Name: IK4306070 (5026) Type: equipmentAlarm (3) Package: lte Raised on class: lte.CBCardSpecifics	Severity: major Specific problem: LOSS OF ECSFB PHASE SYNC (1258) Implicitly cleared: true Default probable cause: communicationsSubsystemFailure (915)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This alarm indicates that the 10us phase-sync requirement for supporting eCSFB can no longer be guaranteed due to the loss of clock reference.		
Impact: eCSFB performance is degraded.		
Remedial action: If alarm remains consider the Clock reference alarms to determine the cause of the onset of holdover.		

Table 28-1290 IK4306077 - LOSS OF ECSFB PHASE SYNC

Alarm	Attributes	Applicable major releases
Name: IK4306077 (5027) Type: equipmentAlarm (3) Package: lte Raised on class: lte.MODULE	Severity: major Specific problem: LOSS OF ECSFB PHASE SYNC (1258) Implicitly cleared: true Default probable cause: communicationsSubsystemFailure (915)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This alarm indicates that the 10us phase-sync requirement for supporting eCSFB can no longer be guaranteed due to the loss of clock reference.		
Impact: eCSFB performance is degraded.		
Remedial action: If alarm remains consider the Clock reference alarms to determine the cause of the onset of holdover.		

Table 28-1291 IK4306078 - INCONSISTENT IP VERSION MULTICAST ADDRESS

Alarm	Attributes	Applicable major releases
Name: IK4306078 (5028) Type: communicationsAlarm (4) Package: Ite Raised on class: Ite.M3MmeTransportLayerAccess	Severity: variable Specific problem: INCONSISTENT IP VERSION MULTICAST ADDRESS (1237) Implicitly cleared: true Default probable cause: configurationOrCustomizationError (902)	<ul style="list-style-type: none"> LR13.3
Description: This event indicates that inconsistency between the VLAN configuration in the eNB and the IP version of the multicast address or the IP version of the multicast source address received in the M3 Session Start and M2 Session Start messages.		
Impact: The Multicast channel cannot be established with the Last Hop router and the M1 multicast traffic cannot be sent by the eNB.		
Remedial action: Change the configuration of the IP version in the VLAN at the eNB or the IP version of the multicast address or the IP version of the address of the multicast source at the eMBMs GW.		

Table 28-1292 IK4306079 - CELL RESET OAM TIMEOUT

Alarm	Attributes	Applicable major releases
Name: IK4306079 (5029) Type: processingErrorAlarm (81) Package: Ite Raised on class: Ite.Cell	Severity: critical Specific problem: CELL RESET OAM TIMEOUT (1259) Implicitly cleared: true Default probable cause: communicationsProtocolError (901)	<ul style="list-style-type: none"> LR13.3 LR14.1.L LR14.3.L
Description: This alarm indicates message from eNB OAM is not received in Cellcallp in time		
Impact: The service is not possible on this cell.		
Remedial action: Lock and unlock the cell. If the alarm persists. Call the next level of support.		

Table 28-1293 IK4306080 - TMA SOFTWARE DOWNLOAD IN PROGRESS

Alarm	Attributes	Applicable major releases
Name: IK4306080 (5381) Type: equipmentAlarm (3) Package: Ite Raised on class: Ite.TmaAidEntry	Severity: variable Specific problem: TMA SOFTWARE DOWNLOAD IN PROGRESS (1260) Implicitly cleared: true Default probable cause: unknown (1097)	<ul style="list-style-type: none"> LR14.1.L LR14.3.L
Description: This event indicates that a Software Download to TMA unit Started.		
Impact: The TMA unit might not support some management functions while the software download is in progress.		
Remedial action: No action is required.		

Table 28-1294 IK4306081 - TMA SOFTWARE DOWNLOAD COMPLETED

Alarm	Attributes	Applicable major releases
Name: IK4306081 (5382) Type: equipmentAlarm (3) Package: Ite Raised on class: Ite.TmaAldEntry	Severity: variable Specific problem: TMA SOFTWARE DOWNLOAD COMPLETED (1261) Implicitly cleared: true Default probable cause: unknown (1097)	<ul style="list-style-type: none"> • LR14.1.L • LR14.3.L
Description: This event indicates that a Software Download to a TMA unit Completed. The TMA unit will reset automatically and would start on the new software		
Impact: The TMA will support all management functions.		
Remedial action: No action is required.		

Table 28-1295 IK4306082 - RET ACF DOWNLOAD COMPLETED

Alarm	Attributes	Applicable major releases
Name: IK4306082 (5383) Type: equipmentAlarm (3) Package: Ite Raised on class: Ite.RetAldEntry	Severity: variable Specific problem: RET ACF DOWNLOAD COMPLETED (1262) Implicitly cleared: true Default probable cause: unknown (1097)	<ul style="list-style-type: none"> • LR14.1.L • LR14.3.L
Description: This event indicates that the Download of the ACF to the RET unit completed.		
Impact: The RET unit will not support some tilt functions until a calibrated command is sent to this unit. Some model will execute an automatic calibrate function after the completion of the new ACF.		
Remedial action: No action is required.		

Table 28-1296 IK4306092 - MODEM RESET DUE TO RE-ASSIGNMENT OF MODEM RESOURCES

Alarm	Attributes	Applicable major releases
Name: IK4306092 (5030) Type: equipmentAlarm (3) Package: Ite Raised on class: Ite.BBCardSpecifics	Severity: variable Specific problem: MODEM RESET DUE TO RE-ASSIGNMENT OF MODEM RESOURCES (1263) Implicitly cleared: true Default probable cause: unknown (1097)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: The event indicates that a Modem has been reset due to the re-assignment of the modem resources to cells.		
Impact: Service impact on Modem		
Remedial action: No action is required.		

Table 28-1297 IK4306093 - FEATURE ONE LOGIC CELL NOT SUPPORTED

Alarm	Attributes	Applicable major releases
Name: IK4306093 (5031) Type: equipmentAlarm (3) Package: Ite Raised on class: Ite.Cell	Severity: critical Specific problem: FEATURE ONE LOGIC CELL NOT SUPPORTED (1264) Implicitly cleared: true Default probable cause: configurationOrCustomizationError (902)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This alarm indicates that the OLC feature is not supported by current cell configuration.		
Impact: Telecom: The cell is not operational. OAM: No impact on OAM service.		
Remedial action: Verify and correct the configuration data.		

Table 28-1298 IK4306094 - FEATURE RRH DAISY CHAIN NOT SUPPORTED

Alarm	Attributes	Applicable major releases
Name: IK4306094 (5032) Type: equipmentAlarm (3) Package: Ite Raised on class: Ite.Cell	Severity: critical Specific problem: FEATURE RRH DAISY CHAIN NOT SUPPORTED (1265) Implicitly cleared: true Default probable cause: configurationOrCustomizationError (902)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This alarm indicates that the cell mapped on chained RRH is not supported by equipped controller type.		
Impact: Telecom: The cell is not operational. OAM: No impact on OAM service.		
Remedial action: Verify and correct the configuration data.		

Table 28-1299 IK4306095 - CELL CONFIGURATION DATA MISMATCH VERSUS CORRESPONDING FEATURE DEACTIVATION

Alarm	Attributes	Applicable major releases
Name: IK4306095 (5033) Type: equipmentAlarm (3) Package: Ite Raised on class: Ite.Cell	Severity: critical Specific problem: CELL CONFIGURATION DATA MISMATCH VERSUS CORRESPONDING FEATURE DEACTIVATION (1185) Implicitly cleared: true Default probable cause: configurationOrCustomizationError (902)	<ul style="list-style-type: none"> • LR13.3
Description: This alarm indicates the cell configuration data mismatch versus coreponding feature deactivation.		
Impact: Telecom: The cell is not operational. OAM: No impact on OAM service.		
Remedial action: Verify and correct the configuration data.		

Table 28-1300 IK4306096 - PCI UNSOLVED UNDER CONTROLLED MODE

Alarm	Attributes	Applicable major releases
Name: IK4306096 (5034) Type: operationalViolation (93) Package: Ite Raised on class: Ite.Cell	Severity: critical Specific problem: PCI UNSOLVED UNDER CONTROLLED MODE (1266) Implicitly cleared: true Default probable cause: configurationOrCustomizationError (902)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This alarm indicates a PCI conflict (collision and/or confusion) between the cell and a neighbour one. A manual intervention is needed to solve the problem. This can happen in the following case: The recommended PCI value can't be raised by eNB and PCI controlled mode is activated.		
Impact: Interference in reference signal of conflicting cells, preventing potentially UEs to select these cells.		
Remedial action: Increase the list of allowed PCI values, either for the local or for the distant eNodeB or manual PCI online modification from SAM.		

Table 28-1301 IK4306098 - LAST S1 SCTP ASSOCIATION FAILURE

Alarm	Attributes	Applicable major releases
Name: IK4306098 (5035) Type: equipmentAlarm (3) Package: Ite Raised on class: Ite.MmeTransportLayerAccess	Severity: critical Specific problem: LAST S1 SCTP ASSOCIATION FAILURE (640) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR13.3
Description: This alarm indicates that the MME does not acknowledge the S1 association request from the eNodeB.		
Impact: Telecom: Telecom traffic is not possible. OAM: No impact on OAM service.		
Remedial action: 1. Check IP and SCTP provisioning in eNB and MME. 2. Check network connectivity between eNB and MME.		

Table 28-1302 IK4306099 - LAST S1 SCTP ASSOCIATION DOWN

Alarm	Attributes	Applicable major releases
Name: IK4306099 (5036) Type: equipmentAlarm (3) Package: Ite Raised on class: Ite.MmeTransportLayerAccess	Severity: critical Specific problem: LAST S1 SCTP ASSOCIATION DOWN (641) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR13.3
Description: This alarm indicates the last S1 association fault between eNodeB and MME.		
Impact: Telecom: Impacts the telecom service depending on the nature of failure. OAM: No impact on OAM service.		
Remedial action: 1. Check IP and SCTP provisioning in eNB and MME. 2. Check network connectivity between eNB and MME.		

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Table 28-1303 IK4306100 - NO RESPONSE TO ECHO REQUEST ON LAST S1

Alarm	Attributes	Applicable major releases
Name: IK4306100 (5037) Type: communicationsAlarm (4) Package: Ite Raised on class: Ite.MmeAccess	Severity: critical Specific problem: NO RESPONSE TO ECHO REQUEST ON LAST S1 (1267) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This alarm indicates the last S1 fault following no response to a GTP Echo request. The alarm is triggered when the eNodeB does not receive a response to a GTP echo request message sent on a S1 interface towards a Serving Gateway. The alarm is triggered to signal a S1 failure when there are several SGW because of several operators with their own SGW or because an operator has several SGW. It is not possible to identify the failed S1 link.		
Impact: Telecom: The performance of the telecom service is low. OAM: No impact on OAM service.		
Remedial action: Check for connectivity and verify the GTP provisioning.		

Table 28-1304 IK4306101 - PCI CHANGE

Alarm	Attributes	Applicable major releases
Name: IK4306101 (5038) Type: communicationsAlarm (4) Package: Ite Raised on class: Ite.Cell	Severity: variable Specific problem: PCI CHANGE (1268) Implicitly cleared: true Default probable cause: unknown (1097)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This event indicates that a new PCI is assigned by the eNodeB to the cell.		
Impact: The cell has been reset. The Cell is running with the new PCI.		
Remedial action: No action is required.		

Table 28-1305 IK4306107 - ALL ALARMS CLEARED

Alarm	Attributes	Applicable major releases
Name: IK4306107 (5039) Type: equipmentAlarm (3) Package: Ite Raised on class: Ite.ENBEquipment	Severity: minor Specific problem: ALL ALARMS CLEARED (1213) Implicitly cleared: true Default probable cause: softwareProgramAbnormallyTerminated (719)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This is a pseudo alarm to indicate that all pending alarms have been cleared, e.g. by a reset of the eNB controller.		
Impact: There is no impact by this alarm.		
Remedial action: No Maintenance Action requires.		

Table 28-1306 IK4306108 - FEATURE TRI-CARRIER NOT SUPPORTED

Alarm	Attributes	Applicable major releases
Name: IK4306108 (8005) Type: equipmentAlarm (3) Package: lte Raised on class: lte.Cell	Severity: critical Specific problem: FEATURE TRI-CARRIER NOT SUPPORTED (1909) Implicitly cleared: true Default probable cause: configurationOrCustomizationError (902)	<ul style="list-style-type: none"> LR14.3.L
Description: This alarm indicates that the cell configuration with Tri-carrier is not supported by the equipped modem type.		
Impact: Telecom traffic is not enabled for the cell.		
Remedial action: Verify and correct the configuration data.		

Table 28-1307 IK4306109 - CB TWAMP EXCESS CONTROL SESSION REQUEST

Alarm	Attributes	Applicable major releases
Name: IK4306109 (8006) Type: equipmentAlarm (3) Package: lte Raised on class: lte.CBCardSpecifics	Severity: warning Specific problem: CB TWAMP EXCESS CONTROL SESSION REQUEST (1910) Implicitly cleared: true Default probable cause: configurationOrCustomizationError (902)	<ul style="list-style-type: none"> LR14.3.L
Description: This alarm indicates 5 TWAMP Control sessions have been requested in a VLAN. 4 is the maximum supported number.		
Impact: TWAMP Control sessions above the number supported are ignored.		
Remedial action: Check TWAMP client configuration to ensure it matches maximum requirements of the base station server.		

Table 28-1308 IK4306110 - CB TWAMP TEST SESSION FAILURE

Alarm	Attributes	Applicable major releases
Name: IK4306110 (8007) Type: equipmentAlarm (3) Package: lte Raised on class: lte.CBCardSpecifics	Severity: warning Specific problem: CB TWAMP TEST SESSION FAILURE (1911) Implicitly cleared: true Default probable cause: informationMissing (792)	<ul style="list-style-type: none"> LR14.3.L
Description: A TWAMP session in the VLAN has failed based on lack of incoming Test packets for a period of time configured by SERVWAIT/REFWAIT timers.		
Impact: TWAMP session with loss of packets is terminated.		
Remedial action: Check TWAMP client and the backhaul link between TWAMP client and base station for any backhaul connectivity failure.		

Table 28-1309 IK4306111 - CB TWAMP MODE MISMATCH

Alarm	Attributes	Applicable major releases
Name: IK4306111 (8008) Type: equipmentAlarm (3) Package: lte Raised on class: lte.CBCardSpecifics	Severity: warning Specific problem: CB TWAMP MODE MISMATCH (1912) Implicitly cleared: true Default probable cause: configurationOrCustomizationError (902)	<ul style="list-style-type: none"> LR14.3.L
Description: The server has a TWAMP Control session Request with an unacceptable Mode value. Only 'Unauthenticated' is acceptable.		
Impact: TWAMP Control sessions will be supported only when mode is Unauthenticated.		
Remedial action: Check TWAMP client configuration to ensure it matches the acceptable 'mode' value for Unauthentication.		

Table 28-1310 IK4306112 - SCB TWAMP EXCESS TEST SESSION REQUEST

Alarm	Attributes	Applicable major releases
Name: IK4306112 (8009) Type: equipmentAlarm (3) Package: lte Raised on class: lte.MODULE	Severity: warning Specific problem: SCB TWAMP EXCESS TEST SESSION REQUEST (1913) Implicitly cleared: true Default probable cause: configurationOrCustomizationError (902)	<ul style="list-style-type: none"> LR14.3.L
Description: This alarm indicates 6 TWAMP test-sessions have been requested in a TWAMP Control-session in a VLAN. 5 is the maximum supported number.		
Impact: TWAMP test sessions above the number supported are ignored.		
Remedial action: Check TWAMP client configuration to ensure it matches maximum requirements of the base station server.		

Table 28-1311 IK4306113 - SCB TWAMP EXCESS CONTROL SESSION REQUEST

Alarm	Attributes	Applicable major releases
Name: IK4306113 (8010) Type: equipmentAlarm (3) Package: lte Raised on class: lte.MODULE	Severity: warning Specific problem: SCB TWAMP EXCESS CONTROL SESSION REQUEST (1914) Implicitly cleared: true Default probable cause: configurationOrCustomizationError (902)	<ul style="list-style-type: none"> LR14.3.L
Description: This alarm indicates 5 TWAMP Control sessions have been requested in a VLAN. 4 is the maximum supported number.		
Impact: TWAMP Control sessions above the number supported are ignored.		
Remedial action: Check TWAMP client configuration to ensure it matches maximum requirements of the base station server.		

Table 28-1312 IK4306114 - SCB TWAMP TEST SESSION FAILURE

Alarm	Attributes	Applicable major releases
Name: IK4306114 (8011) Type: equipmentAlarm (3) Package: lte Raised on class: lte.MODULE	Severity: warning Specific problem: SCB TWAMP TEST SESSION FAILURE (1915) Implicitly cleared: true Default probable cause: informationMissing (792)	<ul style="list-style-type: none"> LR14.3.L
Description: A TWAMP session in the VLAN has failed based on lack of incoming Test packets for a period of time configured by SERVWAIT/REFWAIT timers.		
Impact: TWAMP session with loss of packets is terminated.		
Remedial action: Check TWAMP client and the backhaul link between TWAMP client and base station for any backhaul connectivity failure.		

Table 28-1313 IK4306115 - SCB TWAMP MODE MISMATCH

Alarm	Attributes	Applicable major releases
Name: IK4306115 (8012) Type: equipmentAlarm (3) Package: lte Raised on class: lte.MODULE	Severity: warning Specific problem: SCB TWAMP MODE MISMATCH (1916) Implicitly cleared: true Default probable cause: configurationOrCustomizationError (902)	<ul style="list-style-type: none"> LR14.3.L
Description: The server has a TWAMP Control session Request with an unacceptable Mode value. Only 'Unauthenticated' is acceptable.		
Impact: TWAMP Control sessions will be supported only when mode is Unauthenticated.		
Remedial action: Check TWAMP client configuration to ensure it matches the acceptable 'mode' value for Unauthentication.		

Table 28-1314 IK4306116 - SIM HEALTH CHECK PHASE 1 - TX PWR FAILED

Alarm	Attributes	Applicable major releases
Name: IK4306116 (8013) Type: processingErrorAlarm (81) Package: lte Raised on class: lte.Cell	Severity: major Specific problem: SIM HEALTH CHECK PHASE 1 - TX PWR FAILED (1917) Implicitly cleared: true Default probable cause: softwareProgramError (720)	<ul style="list-style-type: none"> LR14.3.L
Description: This alarm indicates that the System Integrity Monitor, monitoring the health of the eNodeB cell, has detected an active antenna transmit path (Cell, RFM id, antenna port #) with zero power continually for the Phase 1 detection period.		
Impact: Telecom: The alarm is notice that the cell is degraded. OAM: no impact..		
Remedial action: No action is required. If the degradation persists, SIM may escalate to Local Recovery Action on the implicated cell.		

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Table 28-1315 IK4306117 - SIM HEALTH CHECK PHASE 1 - LOW RRC SUCCESS RATE

Alarm	Attributes	Applicable major releases
Name: IK4306117 (8014) Type: processingErrorAlarm (81) Package: Ite Raised on class: Ite.Cell	Severity: major Specific problem: SIM HEALTH CHECK PHASE 1 - LOW RRC SUCCESS RATE (1918) Implicitly cleared: true Default probable cause: softwareProgramError (720)	<ul style="list-style-type: none"> LR14.3.L
Description: This alarm indicates that the System Integrity Monitor, monitoring the health of the eNodeB, has detected a degradation in the RRC Success Rate on the cell. This is the SIM Phase 1 detection.		
Impact: Telecom: The alarm is notice that the RRC Success Rate is degraded. OAM: no impact.		
Remedial action: No action is required. If the degradation persists, SIM may escalate to Local Recovery Action.		

Table 28-1316 IK4306118 - SIM HEALTH CHECK PHASE 2 - LOW RRC SUCCESS RATE

Alarm	Attributes	Applicable major releases
Name: IK4306118 (8015) Type: processingErrorAlarm (81) Package: Ite Raised on class: Ite.Cell	Severity: critical Specific problem: SIM HEALTH CHECK PHASE 2 - LOW RRC SUCCESS RATE (1919) Implicitly cleared: true Default probable cause: softwareProgramError (720)	<ul style="list-style-type: none"> LR14.3.L
Description: This alarm indicates that the System Integrity Monitor, monitoring the health of the eNodeB, has detected that the RRC Success Rate degradation has persisted beyond the configurable limit. This is the SIM Phase 2 detection.		
Impact: Telecom: The alarm is notice that the RRC Success Rate is degraded. OAM: no impact.		
Remedial action: No action is required. If SIM escalation to Local Recovery Action is allowed, SIM will automatically trigger Local Recovery Action to try to restore service on this cell.		

Table 28-1317 IK4306119 - SIM HEALTH CHECK - MAXIMUM NUMBER OF LRA REACHED

Alarm	Attributes	Applicable major releases
Name: IK4306119 (8016) Type: processingErrorAlarm (81) Package: Ite Raised on class: Ite.Cell	Severity: variable Specific problem: SIM HEALTH CHECK - MAXIMUM NUMBER OF LRA REACHED (1920) Implicitly cleared: true Default probable cause: softwareProgramError (720)	<ul style="list-style-type: none"> LR14.3.L
Description: The OAM System Integrity Monitor has run a SIM Health Check on the cell and has detected a degradation that has escalated to the point of Phase 2 recovery. But, since SIM has already taken the configurable maximum number of SIM triggered Phase 2 recovery actions on this cell in a 24 hour period, SIM is prevented from taking recovery on this detection. Investigation is required to determine the cause for the frequent degradations.		
Impact: Telecom: The cell is degraded according to the health check that is failing. OAM: no impact.		
Remedial action: No action is required.		

Table 28-1318 IK4306120 - UNEXPECTED RFME MODULE RESET

Alarm	Attributes	Applicable major releases
Name: IK4306120 (8017) Type: equipmentAlarm (3) Package: lte Raised on class: lte.RFME	Severity: variable Specific problem: UNEXPECTED RFME MODULE RESET (1921) Implicitly cleared: true Default probable cause: unknown (1097)	<ul style="list-style-type: none"> LR14.3.L
Description: This event indicates that the ENB suffered from an unexpected, unplanned failure on the RFME. Specific details are in the Additional Text.		
Impact: Depending on the nature of the failure, some Telecom or OAM functionalities may not be available during recovery. On successful reset, the Telecom and OAM functionalities are available.		
Remedial action: No action is required.		

Table 28-1319 IK4306121 - SIM HEALTH CHECK PHASE 2 - TX PWR FAILED

Alarm	Attributes	Applicable major releases
Name: IK4306121 (8018) Type: processingErrorAlarm (81) Package: lte Raised on class: lte.Cell	Severity: critical Specific problem: SIM HEALTH CHECK PHASE 2 - TX PWR FAILED (1922) Implicitly cleared: true Default probable cause: softwareProgramError (720)	<ul style="list-style-type: none"> LR14.3.L
Description: This alarm indicates that the System Integrity Monitor, monitoring the health of the eNodeB, has detected an active antenna transmit path (Cell, RFM id, antenna port #) with zero power continually for the Phase 2 detection period.		
Impact: Telecom: The alarm is notice that the cell is degraded. OAM: no impact.		
Remedial action: No action is required. If SIM escalation to Local Recovery Action is allowed, SIM will automatically trigger Local Recovery Action to try to restore service on this cell.		

Table 28-1320 IK4306122 - SMART COLLECTION SERVICE ACTION PLAN COMPLETE

Alarm	Attributes	Applicable major releases
Name: IK4306122 (8019) Type: processingErrorAlarm (81) Package: lte Raised on class: lte.ENBEquipment	Severity: variable Specific problem: SMART COLLECTION SERVICE ACTION PLAN COMPLETE (1923) Implicitly cleared: true Default probable cause: unspecifiedReason (802)	<ul style="list-style-type: none"> LR14.3.L
Description: This event indicates that the Smart Collection Service initiated a smart data collection and has either 1) created a Local File, 2) streamed DDT to the DTC, and/or 3) used On Demand File Collection to push the ODFC archive to the Snapshots and Postmortem Collector entity (SPC). This was triggered by a fault event or state change. Specific details about the triggering event and the files that were collected are in the Additional Text.		
Impact: Telecom: no impact. OAM: no impact.		
Remedial action: No action is required.		

Table 28-1321 IK4306123 - HANDOVER OPTIMIZATION ADJUSTMENT STARTED

Alarm	Attributes	Applicable major releases
Name: IK4306123 (8020) Type: qualityOfServiceAlarm (82) Package: Ite Raised on class: Ite.Cell	Severity: warning Specific problem: HANDOVER OPTIMIZATION ADJUSTMENT STARTED (1924) Implicitly cleared: true Default probable cause: unspecifiedReason (802)	<ul style="list-style-type: none"> LR14.3.L
Description: This alarm indicates the SON process that adjusts intra-frequency handover parameters has started adjusting handover parameters.		
Impact: MRO adjustment has begun and tuning of handover parameters is in progress for handover optimization.		
Remedial action: None.		

Table 28-1322 IK4306124 - CB TWAMP EXCESS TEST SESSION REQUEST

Alarm	Attributes	Applicable major releases
Name: IK4306124 (8021) Type: equipmentAlarm (3) Package: Ite Raised on class: Ite.CBCardSpecifics	Severity: warning Specific problem: CB TWAMP EXCESS TEST SESSION REQUEST (1925) Implicitly cleared: true Default probable cause: configurationOrCustomizationError (902)	<ul style="list-style-type: none"> LR14.3.L
Description: This alarm indicates 6 TWAMP test-sessions have been requested in a TWAMP Control-session in a VLAN. 5 is the maximum supported number.		
Impact: TWAMP test sessions above the number supported are ignored.		
Remedial action: Check TWAMP client configuration to ensure it matches maximum requirements of the base station server.		

Table 28-1323 IK4306126 - RFM CONFIGURATION FAILURE

Alarm	Attributes	Applicable major releases
Name: IK4306126 (8022) Type: processingErrorAlarm (81) Package: Ite Raised on class: Ite.RFM	Severity: major Specific problem: RFM CONFIGURATION FAILURE (1926) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> LR14.3.L
Description: This alarm indicates the failure to configure the RFM.		
Impact: Telecom: The telecom resources processed by the module are lost as the module is out of service. OAM: No impact on OAM service.		
Remedial action: Reset the module. If the alarm persists, replace the module.		

Table 28-1324 IK4500001 - AMR EXTERNAL CONTACT CHANGE 1

Alarm	Attributes	Applicable major releases
Name: IK4500001 (2715) Type: equipmentAlarm (3) Package: lte Raised on class: lte.AMR	Severity: variable Specific problem: AMR EXTERNAL CONTACT CHANGE 1 (1269) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This alarm indicates that the RF cabinet external contact for the user alarm closure has changed.		
Impact: Impacts the user equipment.		
Remedial action: Check the user equipment.		

Table 28-1325 IK4500002 - AMR EXTERNAL CONTACT CHANGE 2

Alarm	Attributes	Applicable major releases
Name: IK4500002 (2716) Type: equipmentAlarm (3) Package: lte Raised on class: lte.AMR	Severity: variable Specific problem: AMR EXTERNAL CONTACT CHANGE 2 (1270) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This alarm indicates that the RF cabinet external contact for the user alarm closure has changed.		
Impact: Impacts the user equipment.		
Remedial action: Check the user equipment.		

Table 28-1326 IK4500003 - AMR EXTERNAL CONTACT CHANGE 3

Alarm	Attributes	Applicable major releases
Name: IK4500003 (2717) Type: equipmentAlarm (3) Package: lte Raised on class: lte.AMR	Severity: variable Specific problem: AMR EXTERNAL CONTACT CHANGE 3 (1271) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This alarm indicates that the RF cabinet external contact for the user alarm closure has changed.		
Impact: Impacts the user equipment.		
Remedial action: Check the user equipment.		

Table 28-1327 IK4500004 - AMR EXTERNAL CONTACT CHANGE 4

Alarm	Attributes	Applicable major releases
Name: IK4500004 (2718) Type: equipmentAlarm (3) Package: lte Raised on class: lte.AMR	Severity: variable Specific problem: AMR EXTERNAL CONTACT CHANGE 4 (1272) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This alarm indicates that the RF cabinet external contact for the user alarm closure has changed.		
Impact: Impacts the user equipment.		
Remedial action: Check the user equipment.		

Table 28-1328 IK4500005 - AMR EXTERNAL CONTACT CHANGE 5

Alarm	Attributes	Applicable major releases
Name: IK4500005 (2719) Type: equipmentAlarm (3) Package: lte Raised on class: lte.AMR	Severity: variable Specific problem: AMR EXTERNAL CONTACT CHANGE 5 (1273) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This alarm indicates that the RF cabinet external contact for the user alarm closure has changed.		
Impact: Impacts the user equipment.		
Remedial action: Check the user equipment.		

Table 28-1329 IK4500006 - AMR EXTERNAL CONTACT CHANGE 6

Alarm	Attributes	Applicable major releases
Name: IK4500006 (2720) Type: equipmentAlarm (3) Package: lte Raised on class: lte.AMR	Severity: variable Specific problem: AMR EXTERNAL CONTACT CHANGE 6 (1274) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This alarm indicates that the RF cabinet external contact for the user alarm closure has changed.		
Impact: Impacts the user equipment.		
Remedial action: Check the user equipment.		

Table 28-1330 IK4500007 - AMR EXTERNAL CONTACT CHANGE 7

Alarm	Attributes	Applicable major releases
Name: IK4500007 (2721) Type: equipmentAlarm (3) Package: lte Raised on class: lte.AMR	Severity: variable Specific problem: AMR EXTERNAL CONTACT CHANGE 7 (1275) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This alarm indicates that the RF cabinet external contact for the user alarm closure has changed.		
Impact: Impacts the user equipment.		
Remedial action: Check the user equipment.		

Table 28-1331 IK4500008 - AMR EXTERNAL CONTACT CHANGE 8

Alarm	Attributes	Applicable major releases
Name: IK4500008 (2722) Type: equipmentAlarm (3) Package: lte Raised on class: lte.AMR	Severity: variable Specific problem: AMR EXTERNAL CONTACT CHANGE 8 (1276) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This alarm indicates that the RF cabinet external contact for the user alarm closure has changed.		
Impact: Impacts the user equipment.		
Remedial action: Check the user equipment.		

Table 28-1332 IK4500009 - DBU EXTERNAL CONTACT CHANGE 1

Alarm	Attributes	Applicable major releases
Name: IK4500009 (2723) Type: equipmentAlarm (3) Package: lte Raised on class: lte.ENBShelfSpecifics	Severity: variable Specific problem: DBU EXTERNAL CONTACT CHANGE 1 (1277) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This alarm indicates a change in the external user alarm contact state.		
Impact: No impact on eNodeB.		
Remedial action: Check the user equipment.		

Table 28-1333 IK4500010 - DBU EXTERNAL CONTACT CHANGE 2

Alarm	Attributes	Applicable major releases
Name: IK4500010 (2724) Type: equipmentAlarm (3) Package: lte Raised on class: lte.ENBShelfSpecifics	Severity: variable Specific problem: DBU EXTERNAL CONTACT CHANGE 2 (1278) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This alarm indicates a change in the external user alarm contact state.		
Impact: No impact on eNodeB.		
Remedial action: Check the user equipment.		

Table 28-1334 IK4500011 - DBU EXTERNAL CONTACT CHANGE 3

Alarm	Attributes	Applicable major releases
Name: IK4500011 (2725) Type: equipmentAlarm (3) Package: lte Raised on class: lte.ENBShelfSpecifics	Severity: variable Specific problem: DBU EXTERNAL CONTACT CHANGE 3 (1279) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This alarm indicates a change in the external user alarm contact state.		
Impact: No impact on eNodeB.		
Remedial action: Check the user equipment.		

Table 28-1335 IK4500012 - DBU EXTERNAL CONTACT CHANGE 4

Alarm	Attributes	Applicable major releases
Name: IK4500012 (2726) Type: equipmentAlarm (3) Package: lte Raised on class: lte.ENBShelfSpecifics	Severity: variable Specific problem: DBU EXTERNAL CONTACT CHANGE 4 (1280) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This alarm indicates a change in the external user alarm contact state.		
Impact: No impact on eNodeB.		
Remedial action: Check the user equipment.		

Table 28-1336 IK4500013 - DBU EXTERNAL CONTACT CHANGE 5

Alarm	Attributes	Applicable major releases
Name: IK4500013 (2727) Type: equipmentAlarm (3) Package: lte Raised on class: lte.ENBShelfSpecifics	Severity: variable Specific problem: DBU EXTERNAL CONTACT CHANGE 5 (1281) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This alarm indicates a change in the external user alarm contact state.		
Impact: No impact on eNodeB.		
Remedial action: Check the user equipment.		

Table 28-1337 IK4500014 - DBU EXTERNAL CONTACT CHANGE 6

Alarm	Attributes	Applicable major releases
Name: IK4500014 (2728) Type: equipmentAlarm (3) Package: lte Raised on class: lte.ENBShelfSpecifics	Severity: variable Specific problem: DBU EXTERNAL CONTACT CHANGE 6 (1282) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This alarm indicates a change in the external user alarm contact state.		
Impact: No impact on eNodeB.		
Remedial action: Check the user equipment.		

Table 28-1338 IK4500015 - DBU EXTERNAL CONTACT CHANGE 7

Alarm	Attributes	Applicable major releases
Name: IK4500015 (2729) Type: equipmentAlarm (3) Package: lte Raised on class: lte.ENBShelfSpecifics	Severity: variable Specific problem: DBU EXTERNAL CONTACT CHANGE 7 (1283) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This alarm indicates a change in the external user alarm contact state.		
Impact: No impact on eNodeB.		
Remedial action: Check the user equipment.		

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Table 28-1339 IK4500016 - DBU EXTERNAL CONTACT CHANGE 8

Alarm	Attributes	Applicable major releases
Name: IK4500016 (2730) Type: equipmentAlarm (3) Package: lte Raised on class: lte.ENBShelfSpecifics	Severity: variable Specific problem: DBU EXTERNAL CONTACT CHANGE 8 (1284) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This alarm indicates a change in the external user alarm contact state.		
Impact: No impact on eNodeB.		
Remedial action: Check the user equipment.		

Table 28-1340 IK4500017 - DBU EXTERNAL CONTACT CHANGE 9

Alarm	Attributes	Applicable major releases
Name: IK4500017 (2731) Type: equipmentAlarm (3) Package: lte Raised on class: lte.ENBShelfSpecifics	Severity: variable Specific problem: DBU EXTERNAL CONTACT CHANGE 9 (1285) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This alarm indicates a change in the external user alarm contact state.		
Impact: No impact on eNodeB.		
Remedial action: Check the user equipment.		

Table 28-1341 IK4500018 - DBU EXTERNAL CONTACT CHANGE 10

Alarm	Attributes	Applicable major releases
Name: IK4500018 (2732) Type: equipmentAlarm (3) Package: lte Raised on class: lte.ENBShelfSpecifics	Severity: variable Specific problem: DBU EXTERNAL CONTACT CHANGE 10 (1286) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This alarm indicates a change in the external user alarm contact state.		
Impact: No impact on eNodeB.		
Remedial action: Check the user equipment.		

Table 28-1342 IK4500019 - DBU EXTERNAL CONTACT CHANGE 11

Alarm	Attributes	Applicable major releases
Name: IK4500019 (2733) Type: equipmentAlarm (3) Package: lte Raised on class: lte.ENBShelfSpecifics	Severity: variable Specific problem: DBU EXTERNAL CONTACT CHANGE 11 (1287) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This alarm indicates a change in the external user alarm contact state.		
Impact: No impact on eNodeB.		
Remedial action: Check the user equipment.		

Table 28-1343 IK4500020 - DBU EXTERNAL CONTACT CHANGE 12

Alarm	Attributes	Applicable major releases
Name: IK4500020 (2734) Type: equipmentAlarm (3) Package: lte Raised on class: lte.ENBShelfSpecifics	Severity: variable Specific problem: DBU EXTERNAL CONTACT CHANGE 12 (1288) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This alarm indicates a change in the external user alarm contact state.		
Impact: No impact on eNodeB.		
Remedial action: Check the user equipment.		

Table 28-1344 IK4500021 - DBU EXTERNAL CONTACT CHANGE 13

Alarm	Attributes	Applicable major releases
Name: IK4500021 (2735) Type: equipmentAlarm (3) Package: lte Raised on class: lte.ENBShelfSpecifics	Severity: variable Specific problem: DBU EXTERNAL CONTACT CHANGE 13 (1289) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This alarm indicates a change in the external user alarm contact state.		
Impact: No impact on eNodeB.		
Remedial action: Check the user equipment.		

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Table 28-1345 IK4500022 - DBU EXTERNAL CONTACT CHANGE 14

Alarm	Attributes	Applicable major releases
Name: IK4500022 (2736) Type: equipmentAlarm (3) Package: lte Raised on class: lte.ENBShelfSpecifics	Severity: variable Specific problem: DBU EXTERNAL CONTACT CHANGE 14 (1290) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This alarm indicates a change in the external user alarm contact state.		
Impact: No impact on eNodeB.		
Remedial action: Check the user equipment.		

Table 28-1346 IK4500023 - DBU EXTERNAL CONTACT CHANGE 15

Alarm	Attributes	Applicable major releases
Name: IK4500023 (2737) Type: equipmentAlarm (3) Package: lte Raised on class: lte.ENBShelfSpecifics	Severity: variable Specific problem: DBU EXTERNAL CONTACT CHANGE 15 (1291) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This alarm indicates a change in the external user alarm contact state.		
Impact: No impact on eNodeB.		
Remedial action: Check the user equipment.		

Table 28-1347 IK4500024 - DBU EXTERNAL CONTACT CHANGE 16

Alarm	Attributes	Applicable major releases
Name: IK4500024 (2738) Type: equipmentAlarm (3) Package: lte Raised on class: lte.ENBShelfSpecifics	Severity: variable Specific problem: DBU EXTERNAL CONTACT CHANGE 16 (1292) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This alarm indicates a change in the external user alarm contact state.		
Impact: No impact on eNodeB.		
Remedial action: Check the user equipment.		

Table 28-1348 IK4500025 - DBU EXTERNAL CONTACT CHANGE 17

Alarm	Attributes	Applicable major releases
Name: IK4500025 (2739) Type: equipmentAlarm (3) Package: lte Raised on class: lte.ENBShelfSpecifics	Severity: variable Specific problem: DBU EXTERNAL CONTACT CHANGE 17 (1293) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This alarm indicates a change in the external user alarm contact state.		
Impact: No impact on eNodeB.		
Remedial action: Check the user equipment.		

Table 28-1349 IK4500026 - DBU EXTERNAL CONTACT CHANGE 18

Alarm	Attributes	Applicable major releases
Name: IK4500026 (2740) Type: equipmentAlarm (3) Package: lte Raised on class: lte.ENBShelfSpecifics	Severity: variable Specific problem: DBU EXTERNAL CONTACT CHANGE 18 (1294) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This alarm indicates a change in the external user alarm contact state.		
Impact: No impact on eNodeB.		
Remedial action: Check the user equipment.		

Table 28-1350 IK4500027 - DBU EXTERNAL CONTACT CHANGE 19

Alarm	Attributes	Applicable major releases
Name: IK4500027 (2741) Type: equipmentAlarm (3) Package: lte Raised on class: lte.ENBShelfSpecifics	Severity: variable Specific problem: DBU EXTERNAL CONTACT CHANGE 19 (1295) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This alarm indicates a change in the external user alarm contact state.		
Impact: No impact on eNodeB.		
Remedial action: Check the user equipment.		

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Table 28-1351 IK4500028 - DBU EXTERNAL CONTACT CHANGE 20

Alarm	Attributes	Applicable major releases
Name: IK4500028 (2742) Type: equipmentAlarm (3) Package: lte Raised on class: lte.ENBShelfSpecifics	Severity: variable Specific problem: DBU EXTERNAL CONTACT CHANGE 20 (1296) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This alarm indicates a change in the external user alarm contact state.		
Impact: No impact on eNodeB.		
Remedial action: Check the user equipment.		

Table 28-1352 IK4500029 - DBU EXTERNAL CONTACT CHANGE 21

Alarm	Attributes	Applicable major releases
Name: IK4500029 (2743) Type: equipmentAlarm (3) Package: lte Raised on class: lte.ENBShelfSpecifics	Severity: variable Specific problem: DBU EXTERNAL CONTACT CHANGE 21 (1297) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This alarm indicates a change in the external user alarm contact state.		
Impact: No impact on eNodeB.		
Remedial action: Check the user equipment.		

Table 28-1353 IK4500030 - DBU EXTERNAL CONTACT CHANGE 22

Alarm	Attributes	Applicable major releases
Name: IK4500030 (2744) Type: equipmentAlarm (3) Package: lte Raised on class: lte.ENBShelfSpecifics	Severity: variable Specific problem: DBU EXTERNAL CONTACT CHANGE 22 (1298) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This alarm indicates a change in the external user alarm contact state.		
Impact: No impact on eNodeB.		
Remedial action: Check the user equipment.		

Table 28-1354 IK4500031 - DBU EXTERNAL CONTACT CHANGE 23

Alarm	Attributes	Applicable major releases
Name: IK4500031 (2745) Type: equipmentAlarm (3) Package: lte Raised on class: lte.ENBShelfSpecifics	Severity: variable Specific problem: DBU EXTERNAL CONTACT CHANGE 23 (1299) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This alarm indicates a change in the external user alarm contact state.		
Impact: No impact on eNodeB.		
Remedial action: Check the user equipment.		

Table 28-1355 IK4500032 - DBU EXTERNAL CONTACT CHANGE 24

Alarm	Attributes	Applicable major releases
Name: IK4500032 (2746) Type: equipmentAlarm (3) Package: lte Raised on class: lte.ENBShelfSpecifics	Severity: variable Specific problem: DBU EXTERNAL CONTACT CHANGE 24 (1300) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This alarm indicates a change in the external user alarm contact state.		
Impact: No impact on eNodeB.		
Remedial action: Check the user equipment.		

Table 28-1356 IK4500033 - DBU EXTERNAL CONTACT CHANGE 25

Alarm	Attributes	Applicable major releases
Name: IK4500033 (2747) Type: equipmentAlarm (3) Package: lte Raised on class: lte.ENBShelfSpecifics	Severity: variable Specific problem: DBU EXTERNAL CONTACT CHANGE 25 (1301) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This alarm indicates a change in the external user alarm contact state.		
Impact: No impact on eNodeB.		
Remedial action: Check the user equipment.		

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Table 28-1357 IK4500034 - DBU EXTERNAL CONTACT CHANGE 26

Alarm	Attributes	Applicable major releases
Name: IK4500034 (2748) Type: equipmentAlarm (3) Package: lte Raised on class: lte.ENBShelfSpecifics	Severity: variable Specific problem: DBU EXTERNAL CONTACT CHANGE 26 (1302) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This alarm indicates a change in the external user alarm contact state.		
Impact: No impact on eNodeB.		
Remedial action: Check the user equipment.		

Table 28-1358 IK4500035 - DBU EXTERNAL CONTACT CHANGE 27

Alarm	Attributes	Applicable major releases
Name: IK4500035 (2749) Type: equipmentAlarm (3) Package: lte Raised on class: lte.ENBShelfSpecifics	Severity: variable Specific problem: DBU EXTERNAL CONTACT CHANGE 27 (1303) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This alarm indicates a change in the external user alarm contact state.		
Impact: No impact on eNodeB.		
Remedial action: Check the user equipment.		

Table 28-1359 IK4500036 - DBU EXTERNAL CONTACT CHANGE 28

Alarm	Attributes	Applicable major releases
Name: IK4500036 (2750) Type: equipmentAlarm (3) Package: lte Raised on class: lte.ENBShelfSpecifics	Severity: variable Specific problem: DBU EXTERNAL CONTACT CHANGE 28 (1304) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This alarm indicates a change in the external user alarm contact state.		
Impact: No impact on eNodeB.		
Remedial action: Check the user equipment.		

Table 28-1360 IK4500037 - DBU EXTERNAL CONTACT CHANGE 29

Alarm	Attributes	Applicable major releases
Name: IK4500037 (2751) Type: equipmentAlarm (3) Package: lte Raised on class: lte.ENBShelfSpecifics	Severity: variable Specific problem: DBU EXTERNAL CONTACT CHANGE 29 (1305) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This alarm indicates a change in the external user alarm contact state.		
Impact: No impact on eNodeB.		
Remedial action: Check the user equipment.		

Table 28-1361 IK4500038 - DBU EXTERNAL CONTACT CHANGE 30

Alarm	Attributes	Applicable major releases
Name: IK4500038 (2752) Type: equipmentAlarm (3) Package: lte Raised on class: lte.ENBShelfSpecifics	Severity: variable Specific problem: DBU EXTERNAL CONTACT CHANGE 30 (1306) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This alarm indicates a change in the external user alarm contact state.		
Impact: No impact on eNodeB.		
Remedial action: Check the user equipment.		

Table 28-1362 IK4500039 - DBU EXTERNAL CONTACT CHANGE 31

Alarm	Attributes	Applicable major releases
Name: IK4500039 (2753) Type: equipmentAlarm (3) Package: lte Raised on class: lte.ENBShelfSpecifics	Severity: variable Specific problem: DBU EXTERNAL CONTACT CHANGE 31 (1307) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This alarm indicates a change in the external user alarm contact state.		
Impact: No impact on eNodeB.		
Remedial action: Check the user equipment.		

Table 28-1363 IK4500040 - DBU EXTERNAL CONTACT CHANGE 32

Alarm	Attributes	Applicable major releases
Name: IK4500040 (2754) Type: equipmentAlarm (3) Package: Ite Raised on class: Ite.ENBShelfSpecifics	Severity: variable Specific problem: DBU EXTERNAL CONTACT CHANGE 32 (1308) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This alarm indicates a change in the external user alarm contact state.		
Impact: No impact on eNodeB.		
Remedial action: Check the user equipment.		

Table 28-1364 IK4500041 - RFM EXTERNAL CONTACT CHANGE 1

Alarm	Attributes	Applicable major releases
Name: IK4500041 (2755) Type: equipmentAlarm (3) Package: Ite Raised on class: Ite.RFM	Severity: variable Specific problem: RFM EXTERNAL CONTACT CHANGE 1 (1309) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This alarm indicates that the external alarm wired to the RFM has changed state.		
Impact: No impact on eNodeB.		
Remedial action: Check the attached user equipment.		

Table 28-1365 IK4500042 - RFM EXTERNAL CONTACT CHANGE 2

Alarm	Attributes	Applicable major releases
Name: IK4500042 (2756) Type: equipmentAlarm (3) Package: Ite Raised on class: Ite.RFM	Severity: variable Specific problem: RFM EXTERNAL CONTACT CHANGE 2 (1310) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This alarm indicates that the external alarm wired to the RFM has changed state.		
Impact: No impact on eNodeB.		
Remedial action: Check the attached user equipment.		

Table 28-1366 IK4500043 - RFM EXTERNAL CONTACT CHANGE 3

Alarm	Attributes	Applicable major releases
Name: IK4500043 (2757) Type: equipmentAlarm (3) Package: lte Raised on class: lte.RFM	Severity: variable Specific problem: RFM EXTERNAL CONTACT CHANGE 3 (1311) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This alarm indicates that the external alarm wired to the RFM has changed state.		
Impact: No impact on eNodeB.		
Remedial action: Check the attached user equipment.		

Table 28-1367 IK4500044 - RFM EXTERNAL CONTACT CHANGE 4

Alarm	Attributes	Applicable major releases
Name: IK4500044 (2758) Type: equipmentAlarm (3) Package: lte Raised on class: lte.RFM	Severity: variable Specific problem: RFM EXTERNAL CONTACT CHANGE 4 (1312) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This alarm indicates that the external alarm wired to the RFM has changed state.		
Impact: No impact on eNodeB.		
Remedial action: Check the attached user equipment.		

Table 28-1368 IK4500045 - RFM EXTERNAL CONTACT CHANGE 5

Alarm	Attributes	Applicable major releases
Name: IK4500045 (2759) Type: equipmentAlarm (3) Package: lte Raised on class: lte.RFM	Severity: variable Specific problem: RFM EXTERNAL CONTACT CHANGE 5 (1313) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This alarm indicates that the external alarm wired to the RFM has changed state.		
Impact: No impact on eNodeB.		
Remedial action: Check the attached user equipment.		

Table 28-1369 IK4500046 - RFM EXTERNAL CONTACT CHANGE 6

Alarm	Attributes	Applicable major releases
Name: IK4500046 (2760) Type: equipmentAlarm (3) Package: lte Raised on class: lte.RFM	Severity: variable Specific problem: RFM EXTERNAL CONTACT CHANGE 6 (1314) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This alarm indicates that the external alarm wired to the RFM has changed state.		
Impact: No impact on eNodeB.		
Remedial action: Check the attached user equipment.		

Table 28-1370 IK4500047 - RFM EXTERNAL CONTACT CHANGE 7

Alarm	Attributes	Applicable major releases
Name: IK4500047 (3272) Type: equipmentAlarm (3) Package: lte Raised on class: lte.RFM	Severity: variable Specific problem: RFM EXTERNAL CONTACT CHANGE 7 (1315) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This alarm indicates that the external alarm wired to the RFM has changed state.		
Impact: No impact on eNodeB.		
Remedial action: Check the attached user equipment.		

Table 28-1371 IK4500048 - RFM EXTERNAL CONTACT CHANGE 8

Alarm	Attributes	Applicable major releases
Name: IK4500048 (3273) Type: equipmentAlarm (3) Package: lte Raised on class: lte.RFM	Severity: variable Specific problem: RFM EXTERNAL CONTACT CHANGE 8 (1316) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This alarm indicates that the external alarm wired to the RFM has changed state.		
Impact: No impact on eNodeB.		
Remedial action: Check the attached user equipment.		

Table 28-1372 IK4901001 - POWER ON

Alarm	Attributes	Applicable major releases
Name: IK4901001 (2761) Type: equipmentAlarm (3) Package: lte Raised on class: lte.CBCardSpecifics	Severity: variable Specific problem: POWER ON (1317) Implicitly cleared: true Default probable cause: unknown (1097)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This event indicates that the system is powered on successfully.		
Impact: All resources are available on successful power on of the system.		
Remedial action: No action is required.		

Table 28-1373 IK4901002 - CORRUPT FILE

Alarm	Attributes	Applicable major releases
Name: IK4901002 (2762) Type: processingErrorAlarm (81) Package: lte Raised on class: lte.BBCardSpecifics	Severity: variable Specific problem: CORRUPT FILE (1318) Implicitly cleared: true Default probable cause: unknown (1097)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This event indicates a checksum error.		
Impact: Software replacement failure.		
Remedial action: No action is required.		

Table 28-1374 IK4901003 - CORRUPT FILE

Alarm	Attributes	Applicable major releases
Name: IK4901003 (2763) Type: processingErrorAlarm (81) Package: lte Raised on class: lte.CBCardSpecifics	Severity: variable Specific problem: CORRUPT FILE (1318) Implicitly cleared: true Default probable cause: unknown (1097)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This event indicates a checksum error.		
Impact: Software replacement failure.		
Remedial action: No action is required.		

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Table 28-1375 IK4901004 - CORRUPT FILE

Alarm	Attributes	Applicable major releases
Name: IK4901004 (2764) Type: processingErrorAlarm (81) Package: lte Raised on class: lte.RRH	Severity: variable Specific problem: CORRUPT FILE (1318) Implicitly cleared: true Default probable cause: unknown (1097)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This event indicates a checksum error.		
Impact: Software replacement failure.		
Remedial action: No action is required.		

Table 28-1376 IK4901005 - CORRUPT FILE

Alarm	Attributes	Applicable major releases
Name: IK4901005 (2765) Type: processingErrorAlarm (81) Package: lte Raised on class: lte.TRDU	Severity: variable Specific problem: CORRUPT FILE (1318) Implicitly cleared: true Default probable cause: unknown (1097)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This event indicates a checksum error.		
Impact: Software replacement failure.		
Remedial action: No action is required.		

Table 28-1377 IK4901006 - UNSUPPORTED DELEGATION BY OTHER CONTROLLER

Alarm	Attributes	Applicable major releases
Name: IK4901006 (2766) Type: equipmentAlarm (3) Package: lte Raised on class: lte.RFM	Severity: warning Specific problem: UNSUPPORTED DELEGATION BY OTHER CONTROLLER (1347) Implicitly cleared: true Default probable cause: configurationOrCustomizationError (902)	<ul style="list-style-type: none"> • LR14.3.L
Description: The primary controller for this RE (CDMA, WCDMA or GSM) has delegated a management function such as 'Software Management' to the LTE controller. This function is not supported by this LTE release.		
Impact: The delegated management function (e.g. software management) is not currently available.		
Remedial action: Reconfigure the RE on the primary controller (CDMA, WCDMA or GSM) to no longer delegate the unsupported management function to LTE.		

Table 28-1378 IK4901010 - RESET OAM EXCEPTION

Alarm	Attributes	Applicable major releases
Name: IK4901010 (2770) Type: equipmentAlarm (3) Package: Ite Raised on class: Ite.CBCardSpecifics	Severity: variable Specific problem: RESET OAM EXCEPTION (1323) Implicitly cleared: true Default probable cause: unknown (1097)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This event indicates that the controller is reset due to an processor exception.		
Impact: Telecom: All associated calls and cells are not operational during reset. On successful reset, all resources are functional. OAM: The OAM functionalities are not available during reset. On successful reset, the OAM functionalities are available.		
Remedial action: No action is required.		

Table 28-1379 IK4901011 - RESET AFTER ACTIVATE WITH DB MIGRATION

Alarm	Attributes	Applicable major releases
Name: IK4901011 (2771) Type: equipmentAlarm (3) Package: Ite Raised on class: Ite.CBCardSpecifics	Severity: variable Specific problem: RESET AFTER ACTIVATE WITH DB MIGRATION (1324) Implicitly cleared: true Default probable cause: unknown (1097)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This event indicates the software activation and the successful data migration.		
Impact: Telecom: All associated calls and cells are not operational during reset. On successful reset, all resources are functional. OAM: The OAM functionalities are not available during reset. On successful reset, the OAM functionalities are available.		
Remedial action: No action is required.		

Table 28-1380 IK4901012 - RESET AFTER ACTIVATE WITHOUT DB MIGRATION

Alarm	Attributes	Applicable major releases
Name: IK4901012 (2772) Type: equipmentAlarm (3) Package: Ite Raised on class: Ite.CBCardSpecifics	Severity: variable Specific problem: RESET AFTER ACTIVATE WITHOUT DB MIGRATION (1325) Implicitly cleared: true Default probable cause: unknown (1097)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This event indicates the software activation without a data migration.		
Impact: Telecom: All associated calls and cells are not operational during reset. On successful reset, all resources are functional. OAM: The OAM functionalities are not available during reset. On successful reset, the OAM functionalities are available.		
Remedial action: No action is required.		

Table 28-1381 IK4901013 - RESET AFTER ACTIVATE WITH EMPTY DATABASE

Alarm	Attributes	Applicable major releases
Name: IK4901013 (2773) Type: equipmentAlarm (3) Package: Ite Raised on class: Ite.CBCardSpecifics	Severity: variable Specific problem: RESET AFTER ACTIVATE WITH EMPTY DATABASE (1326) Implicitly cleared: true Default probable cause: unknown (1097)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This event indicates the software activation. The database is not found.		
Impact: Telecom: All associated calls and cells are not operational during reset. On successful reset, all resources are functional. OAM: The OAM functionalities are not available during reset. On successful reset, the OAM functionalities are available.		
Remedial action: No action is required.		

Table 28-1382 IK4901014 - RESET AFTER REJECT

Alarm	Attributes	Applicable major releases
Name: IK4901014 (2774) Type: equipmentAlarm (3) Package: Ite Raised on class: Ite.CBCardSpecifics	Severity: variable Specific problem: RESET AFTER REJECT (1327) Implicitly cleared: true Default probable cause: unknown (1097)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This event indicates that the software is rejected. The module is reset to activate the previous software version.		
Impact: Telecom: All associated calls and cells are not operational during reset. On successful reset, all resources are functional. OAM: The OAM functionalities are not available during reset. On successful reset, the OAM functionalities are available.		
Remedial action: No action is required.		

Table 28-1383 IK4901015 - RESET AFTER REJECT WITH EMPTY DATABASE

Alarm	Attributes	Applicable major releases
Name: IK4901015 (2775) Type: equipmentAlarm (3) Package: Ite Raised on class: Ite.CBCardSpecifics	Severity: variable Specific problem: RESET AFTER REJECT WITH EMPTY DATABASE (1328) Implicitly cleared: true Default probable cause: unknown (1097)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This event indicates that the software is rejected. The module is reset to activate the previous software version. The database is not found.		
Impact: Telecom: All associated calls and cells are not operational during reset. On successful reset, all resources are functional. OAM: The OAM functionalities are not available during reset. On successful reset, the OAM functionalities are available.		
Remedial action: No action is required.		

Table 28-1384 IK4901016 - AUTO-REJECT TO PREVIOUS SW VERSION AFTER ACTIVATE

Alarm	Attributes	Applicable major releases
Name: IK4901016 (2776) Type: equipmentAlarm (3) Package: lte Raised on class: lte.CBCardSpecifics	Severity: variable Specific problem: AUTO-REJECT TO PREVIOUS SW VERSION AFTER ACTIVATE (1329) Implicitly cleared: true Default probable cause: unknown (1097)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This event indicates that a reset was performed due to the activation of the previous software version caused by a corrupt file.		
Impact: Telecom: All associated calls and cells are not operational during reset. On successful reset, all resources are functional. OAM: The OAM functionalities are not available during reset. On successful reset, the OAM functionalities are available.		
Remedial action: No action is required.		

Table 28-1385 IK4901018 - SW UPDATED AUTOMATICALLY

Alarm	Attributes	Applicable major releases
Name: IK4901018 (2778) Type: equipmentAlarm (3) Package: lte Raised on class: lte.CBCardSpecifics	Severity: variable Specific problem: SW UPDATED AUTOMATICALLY (1331) Implicitly cleared: true Default probable cause: unknown (1097)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This event indicates the board was enabled with invalid software. OAM automatically updates the required software version.		
Impact: Telecom: All calls and cells associated with the module are not operational. On successful reset, all resources are functional. OAM: No impact on OAM service.		
Remedial action: No action is required.		

Table 28-1386 IK4901019 - CB DOWNLOAD FAILURE

Alarm	Attributes	Applicable major releases
Name: IK4901019 (2779) Type: equipmentAlarm (3) Package: lte Raised on class: lte.CBCardSpecifics	Severity: variable Specific problem: CB DOWNLOAD FAILURE (1332) Implicitly cleared: true Default probable cause: unknown (1097)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This event indicates the failure of the FTP transfer of the software package from the code-server to the local RAM disk.		
Impact: Telecom: No impact on telecom service. OAM: No impact on OAM service.		
Remedial action: No action is required.		

Table 28-1387 IK4901020 - CB MODULE DOWNLOAD FAILURE

Alarm	Attributes	Applicable major releases
Name: IK4901020 (2780) Type: equipmentAlarm (3) Package: Ite Raised on class: Ite.CBCardSpecifics	Severity: variable Specific problem: CB MODULE DOWNLOAD FAILURE (1333) Implicitly cleared: true Default probable cause: unknown (1097)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This event indicates the failure to transfer the software package from the local storage to the board.		
Impact: Telecom: No impact on telecom service. OAM: No impact on OAM service.		
Remedial action: No action is required.		

Table 28-1388 IK4901022 - RRH MODULE DOWNLOAD FAILURE

Alarm	Attributes	Applicable major releases
Name: IK4901022 (2782) Type: equipmentAlarm (3) Package: Ite Raised on class: Ite.RRH	Severity: variable Specific problem: RRH MODULE DOWNLOAD FAILURE (1335) Implicitly cleared: true Default probable cause: unknown (1097)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This event indicates the failure to transfer the software package from the local storage to the board.		
Impact: Telecom: No impact on telecom service. OAM: No impact on OAM service.		
Remedial action: No action is required.		

Table 28-1389 IK4901023 - TRDU MODULE DOWNLOAD FAILURE

Alarm	Attributes	Applicable major releases
Name: IK4901023 (2783) Type: equipmentAlarm (3) Package: Ite Raised on class: Ite.TRDU	Severity: variable Specific problem: TRDU MODULE DOWNLOAD FAILURE (1336) Implicitly cleared: true Default probable cause: unknown (1097)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This event indicates the failure to transfer the software package from the local storage to the board.		
Impact: Telecom: No impact on telecom service. OAM: No impact on OAM service.		
Remedial action: No action is required.		

Table 28-1390 IK4901024 - SOFTWARE AND DATABASE FALLBACK

Alarm	Attributes	Applicable major releases
Name: IK4901024 (2784) Type: equipmentAlarm (3) Package: Ite Raised on class: Ite.CBCardSpecifics	Severity: variable Specific problem: SOFTWARE AND DATABASE FALLBACK (1337) Implicitly cleared: true Default probable cause: unknown (1097)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This event indicates that the eNodeB has detected a critical failure during eNodeB initialization while booting from the active software partition. The eNodeB has switched over to the passive software partition and booted up on the previous software version with the previous configuration data.		
Impact: Telecom: Services may not be operating properly until the eNodeB is restored to the proper software version and configuration data. OAM: No impact on OAM service.		
Remedial action: No action is required.		

Table 28-1391 IK4901025 - SOFTWARE FALLBACK

Alarm	Attributes	Applicable major releases
Name: IK4901025 (2785) Type: equipmentAlarm (3) Package: Ite Raised on class: Ite.CBCardSpecifics	Severity: variable Specific problem: SOFTWARE FALLBACK (1338) Implicitly cleared: true Default probable cause: unknown (1097)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This event indicates that the eNodeB has detected a critical failure during eNodeB initialization while booting from the active software partition. The eNodeB has switched over to the passive software partition and booted up on the previous software version with the previous configuration data.		
Impact: Telecom: Services may not be operating properly until the eNodeB is restored to the proper software version and configuration data. OAM: No impact on OAM service.		
Remedial action: No action is required.		

Table 28-1392 IK4901026 - NEW SW DOES NOT SUPPORT ALL ACTUAL HW MODULES

Alarm	Attributes	Applicable major releases
Name: IK4901026 (2786) Type: equipmentAlarm (3) Package: Ite Raised on class: Ite.CBCardSpecifics	Severity: variable Specific problem: NEW SW DOES NOT SUPPORT ALL ACTUAL HW MODULES (1339) Implicitly cleared: true Default probable cause: unknown (1097)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This event indicates that the new software package does not support all actual hardware modules installed in the eNodeB.		
Impact: Telecom: Modules not supported by the software may not offer telecom services. OAM: No impact on OAM service.		
Remedial action: No action is required.		

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Table 28-1393 IK4901027 - BACK TO FACTORY MODE

Alarm	Attributes	Applicable major releases
Name: IK4901027 (3274) Type: equipmentAlarm (3) Package: Ite Raised on class: Ite.CBCardSpecifics	Severity: variable Specific problem: BACK TO FACTORY MODE (1340) Implicitly cleared: true Default probable cause: unknown (1097)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This event indicates that software meta data is deleted or corrupted.		
Impact: Telecom: No telecom service possible. OAM: No impact on OAM service except for remote board contact which is not possible.		
Remedial action: No action is required.		

Table 28-1394 IK4901028 - BACK TO MINIMUM DB

Alarm	Attributes	Applicable major releases
Name: IK4901028 (3275) Type: equipmentAlarm (3) Package: Ite Raised on class: Ite.CBCardSpecifics	Severity: variable Specific problem: BACK TO MINIMUM DB (1341) Implicitly cleared: true Default probable cause: unknown (1097)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This event indicates that the database contents have been reset to default.		
Impact: Telecom: No telecom service possible. OAM: No impact on OAM service.		
Remedial action: No action is required.		

Table 28-1395 IK4901029 - BACK TO FACTORY MODE AND MINIMUM DB

Alarm	Attributes	Applicable major releases
Name: IK4901029 (3276) Type: equipmentAlarm (3) Package: Ite Raised on class: Ite.CBCardSpecifics	Severity: variable Specific problem: BACK TO FACTORY MODE AND MINIMUM DB (1342) Implicitly cleared: true Default probable cause: unknown (1097)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This event indicates that software meta data is deleted or corrupted and that the database contents have been reset to default.		
Impact: Telecom: No telecom service possible. OAM: No impact on OAM service except for remote board contact which is not possible.		
Remedial action: No action is required.		

Table 28-1396 IK4901030 - BB MODULE DOWNLOAD FAILURE

Alarm	Attributes	Applicable major releases
Name: IK4901030 (3277) Type: equipmentAlarm (3) Package: Ite Raised on class: Ite.BBCardSpecifics	Severity: variable Specific problem: BB MODULE DOWNLOAD FAILURE (1334) Implicitly cleared: true Default probable cause: unknown (1097)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This event indicates the failure to transfer the software package from the local storage to the board.		
Impact: Telecom: No impact on telecom service. OAM: No impact on OAM service.		
Remedial action: No action is required.		

Table 28-1397 IK4901031 - RESET CONTROLLER OAM LACK RESOURCE

Alarm	Attributes	Applicable major releases
Name: IK4901031 (3278) Type: equipmentAlarm (3) Package: Ite Raised on class: Ite.CBCardSpecifics	Severity: variable Specific problem: RESET CONTROLLER OAM LACK RESOURCE (1319) Implicitly cleared: true Default probable cause: unknown (1097)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This event indicates that the controller board is reset due to lack of internal resources.		
Impact: Telecom: All associated calls and cells are not operational during reset. On successful reset, all resources are functional. OAM: The OAM functionalities are not available during reset. On successful reset, the OAM functionalities are available.		
Remedial action: No action is required.		

Table 28-1398 IK4901032 - RESET CONTROLLER WATCHDOG

Alarm	Attributes	Applicable major releases
Name: IK4901032 (3279) Type: equipmentAlarm (3) Package: Ite Raised on class: Ite.CBCardSpecifics	Severity: variable Specific problem: RESET CONTROLLER WATCHDOG (1320) Implicitly cleared: true Default probable cause: unknown (1097)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This event indicates that the controller is reset due to hardware watchdog timeout.		
Impact: Telecom: All associated calls and cells are not operational during reset. On successful reset, all resources are functional. OAM: The OAM functionalities are not available during reset. On successful reset, the OAM functionalities are available.		
Remedial action: No action is required.		

Table 28-1399 IK4901033 - CONTROLLER OAM AUTO RESET

Alarm	Attributes	Applicable major releases
Name: IK4901033 (3280) Type: equipmentAlarm (3) Package: Ite Raised on class: Ite.CBCardSpecifics	Severity: variable Specific problem: CONTROLLER OAM AUTO RESET (1321) Implicitly cleared: true Default probable cause: unknown (1097)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This event indicates that the controller is auto-reset due to an internal problem.		
Impact: Telecom: All associated calls and cells are not operational during reset. On successful reset, all resources are functional. OAM: The OAM functionalities are not available during reset. On successful reset, the OAM functionalities are available.		
Remedial action: No action is required.		

Table 28-1400 IK4901034 - OAM AUTO RESET

Alarm	Attributes	Applicable major releases
Name: IK4901034 (3281) Type: equipmentAlarm (3) Package: Ite Raised on class: Ite.CBCardSpecifics	Severity: variable Specific problem: OAM AUTO RESET (1322) Implicitly cleared: true Default probable cause: unknown (1097)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This event indicates an OAM auto-reset due to an internal problem.		
Impact: Telecom: All associated calls and cells are not operational during reset. On successful reset, all resources are functional. OAM: The OAM functionalities are not available during reset. On successful reset, the OAM functionalities are available.		
Remedial action: No action is required.		

Table 28-1401 IK4901035 - UNEXPECTED CONTROL BOARD RESET

Alarm	Attributes	Applicable major releases
Name: IK4901035 (3854) Type: equipmentAlarm (3) Package: Ite Raised on class: Ite.CBCardSpecifics	Severity: variable Specific problem: UNEXPECTED CONTROL BOARD RESET (1343) Implicitly cleared: true Default probable cause: unknown (1097)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This event indicates that the control board suffered from an unexpected, unplanned reset. Specific details are in the Additional Text.		
Impact: Telecom: All associated calls and cells are not operational during the reset. On a successful reset, all resources are again functional. OAM: The OAM functionality is not available during the reset. On successful reset, the OAM functionality is again available.		
Remedial action: No action is required.		

Table 28-1402 IK4901036 - AUTO-REJECT TO PREVIOUS SW VERSION AFTER ACTIVATE

Alarm	Attributes	Applicable major releases
Name: IK4901036 (4121) Type: equipmentAlarm (3) Package: lte Raised on class: lte.MODULE	Severity: variable Specific problem: AUTO-REJECT TO PREVIOUS SW VERSION AFTER ACTIVATE (1329) Implicitly cleared: true Default probable cause: unknown (1097)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This event indicates that a reset was performed due to the activation of the previous software version caused by a corrupt file.		
Impact: Telecom: All associated calls and cells are not operational during reset. On successful reset, all resources are functional. OAM: The OAM functionalities are not available during reset. On successful reset, the OAM functionalities are available.		
Remedial action: No action is required.		

Table 28-1403 IK4901037 - BACK TO FACTORY MODE

Alarm	Attributes	Applicable major releases
Name: IK4901037 (4122) Type: equipmentAlarm (3) Package: lte Raised on class: lte.MODULE	Severity: variable Specific problem: BACK TO FACTORY MODE (1340) Implicitly cleared: true Default probable cause: unknown (1097)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This event indicates that software meta data is deleted or corrupted.		
Impact: Telecom: No telecom service possible. OAM: No impact on OAM service except for remote board contact which is not possible.		
Remedial action: No action is required.		

Table 28-1404 IK4901038 - BACK TO MINIMUM DB

Alarm	Attributes	Applicable major releases
Name: IK4901038 (4123) Type: equipmentAlarm (3) Package: lte Raised on class: lte.MODULE	Severity: variable Specific problem: BACK TO MINIMUM DB (1341) Implicitly cleared: true Default probable cause: unknown (1097)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This event indicates that the database contents have been reset to default.		
Impact: Telecom: No telecom service possible. OAM: No impact on OAM service.		
Remedial action: No action is required.		

Table 28-1405 IK4901039 - BACK TO FACTORY MODE AND MINIMUM DB

Alarm	Attributes	Applicable major releases
Name: IK4901039 (4124) Type: equipmentAlarm (3) Package: Ite Raised on class: Ite.MODULE	Severity: variable Specific problem: BACK TO FACTORY MODE AND MINIMUM DB (1342) Implicitly cleared: true Default probable cause: unknown (1097)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This event indicates that software meta data is deleted or corrupted and that the database contents have been reset to default.		
Impact: Telecom: No telecom service possible. OAM: No impact on OAM service except for remote board contact which is not possible.		
Remedial action: No action is required.		

Table 28-1406 IK4901040 - SCB DOWNLOAD FAILURE

Alarm	Attributes	Applicable major releases
Name: IK4901040 (4125) Type: equipmentAlarm (3) Package: Ite Raised on class: Ite.MODULE	Severity: variable Specific problem: SCB DOWNLOAD FAILURE (1344) Implicitly cleared: true Default probable cause: unknown (1097)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This event indicates the failure of the FTP transfer of the software package from the code-server to the local RAM disk.		
Impact: Telecom: No impact on telecom service. OAM: No impact on OAM service.		
Remedial action: No action is required.		

Table 28-1407 IK4901041 - SCB MODULE DOWNLOAD FAILURE

Alarm	Attributes	Applicable major releases
Name: IK4901041 (4126) Type: equipmentAlarm (3) Package: Ite Raised on class: Ite.MODULE	Severity: variable Specific problem: SCB MODULE DOWNLOAD FAILURE (1345) Implicitly cleared: true Default probable cause: unknown (1097)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This event indicates the failure to transfer the software package from the local storage to the board.		
Impact: Telecom: No impact on telecom service. OAM: No impact on OAM service.		
Remedial action: No action is required.		

Table 28-1408 IK4901042 - CONTROLLER OAM AUTO RESET

Alarm	Attributes	Applicable major releases
Name: IK4901042 (4127) Type: equipmentAlarm (3) Package: Ite Raised on class: Ite.MODULE	Severity: variable Specific problem: CONTROLLER OAM AUTO RESET (1321) Implicitly cleared: true Default probable cause: unknown (1097)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This event indicates that the controller is auto-reset due to an internal problem.		
Impact: Telecom: All associated calls and cells are not operational during reset. On successful reset, all resources are functional. OAM: The OAM functionalities are not available during reset. On successful reset, the OAM functionalities are available.		
Remedial action: No action is required.		

Table 28-1409 IK4901043 - CORRUPT FILE

Alarm	Attributes	Applicable major releases
Name: IK4901043 (4128) Type: processingErrorAlarm (81) Package: Ite Raised on class: Ite.MODULE	Severity: variable Specific problem: CORRUPT FILE (1318) Implicitly cleared: true Default probable cause: unknown (1097)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This event indicates a checksum error.		
Impact: Software replacement failure.		
Remedial action: No action is required.		

Table 28-1410 IK4901044 - NEW SW DOES NOT SUPPORT ALL ACTUAL HW MODULES

Alarm	Attributes	Applicable major releases
Name: IK4901044 (4129) Type: equipmentAlarm (3) Package: Ite Raised on class: Ite.MODULE	Severity: variable Specific problem: NEW SW DOES NOT SUPPORT ALL ACTUAL HW MODULES (1339) Implicitly cleared: true Default probable cause: unknown (1097)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This event indicates that the new software package does not support all actual hardware modules installed in the eNodeB.		
Impact: Telecom: Modules not supported by the software may not offer telecom services. OAM: No impact on OAM service.		
Remedial action: No action is required.		

Table 28-1411 IK4901045 - OAM AUTO RESET

Alarm	Attributes	Applicable major releases
Name: IK4901045 (4130) Type: equipmentAlarm (3) Package: Ite Raised on class: Ite.MODULE	Severity: variable Specific problem: OAM AUTO RESET (1322) Implicitly cleared: true Default probable cause: unknown (1097)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This event indicates an OAM auto-reset due to an internal problem.		
Impact: Telecom: All associated calls and cells are not operational during reset. On successful reset, all resources are functional. OAM: The OAM functionalities are not available during reset. On successful reset, the OAM functionalities are available.		
Remedial action: No action is required.		

Table 28-1412 IK4901046 - POWER ON

Alarm	Attributes	Applicable major releases
Name: IK4901046 (4131) Type: equipmentAlarm (3) Package: Ite Raised on class: Ite.MODULE	Severity: variable Specific problem: POWER ON (1317) Implicitly cleared: true Default probable cause: unknown (1097)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This event indicates that the system is powered on successfully.		
Impact: All resources are available on successful power on of the system.		
Remedial action: No action is required.		

Table 28-1413 IK4901047 - RESET AFTER ACTIVATE WITH DB MIGRATION

Alarm	Attributes	Applicable major releases
Name: IK4901047 (4132) Type: equipmentAlarm (3) Package: Ite Raised on class: Ite.MODULE	Severity: variable Specific problem: RESET AFTER ACTIVATE WITH DB MIGRATION (1324) Implicitly cleared: true Default probable cause: unknown (1097)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This event indicates the software activation and the successful data migration.		
Impact: Telecom: All associated calls and cells are not operational during reset. On successful reset, all resources are functional. OAM: The OAM functionalities are not available during reset. On successful reset, the OAM functionalities are available.		
Remedial action: No action is required.		

Table 28-1414 IK4901048 - RESET AFTER ACTIVATE WITHOUT DB MIGRATION

Alarm	Attributes	Applicable major releases
Name: IK4901048 (4133) Type: equipmentAlarm (3) Package: lte Raised on class: lte.MODULE	Severity: variable Specific problem: RESET AFTER ACTIVATE WITHOUT DB MIGRATION (1325) Implicitly cleared: true Default probable cause: unknown (1097)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This event indicates the software activation without a data migration.		
Impact: Telecom: All associated calls and cells are not operational during reset. On successful reset, all resources are functional. OAM: The OAM functionalities are not available during reset. On successful reset, the OAM functionalities are available.		
Remedial action: No action is required.		

Table 28-1415 IK4901049 - RESET AFTER ACTIVATE WITH EMPTY DATABASE

Alarm	Attributes	Applicable major releases
Name: IK4901049 (4134) Type: equipmentAlarm (3) Package: lte Raised on class: lte.MODULE	Severity: variable Specific problem: RESET AFTER ACTIVATE WITH EMPTY DATABASE (1326) Implicitly cleared: true Default probable cause: unknown (1097)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This event indicates the software activation. The database is not found.		
Impact: Telecom: All associated calls and cells are not operational during reset. On successful reset, all resources are functional. OAM: The OAM functionalities are not available during reset. On successful reset, the OAM functionalities are available.		
Remedial action: No action is required.		

Table 28-1416 IK4901050 - RESET AFTER REJECT

Alarm	Attributes	Applicable major releases
Name: IK4901050 (4135) Type: equipmentAlarm (3) Package: lte Raised on class: lte.MODULE	Severity: variable Specific problem: RESET AFTER REJECT (1327) Implicitly cleared: true Default probable cause: unknown (1097)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This event indicates that the software is rejected. The module is reset to activate the previous software version.		
Impact: Telecom: All associated calls and cells are not operational during reset. On successful reset, all resources are functional. OAM: The OAM functionalities are not available during reset. On successful reset, the OAM functionalities are available.		
Remedial action: No action is required.		

Table 28-1417 IK4901051 - RESET AFTER REJECT WITH EMPTY DATABASE

Alarm	Attributes	Applicable major releases
Name: IK4901051 (4136) Type: equipmentAlarm (3) Package: Ite Raised on class: Ite.MODULE	Severity: variable Specific problem: RESET AFTER REJECT WITH EMPTY DATABASE (1328) Implicitly cleared: true Default probable cause: unknown (1097)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This event indicates that the software is rejected. The module is reset to activate the previous software version. The database is not found.		
Impact: Telecom: All associated calls and cells are not operational during reset. On successful reset, all resources are functional. OAM: The OAM functionalities are not available during reset. On successful reset, the OAM functionalities are available.		
Remedial action: No action is required.		

Table 28-1418 IK4901052 - RESET CONTROLLER OAM LACK RESOURCE

Alarm	Attributes	Applicable major releases
Name: IK4901052 (4137) Type: equipmentAlarm (3) Package: Ite Raised on class: Ite.MODULE	Severity: variable Specific problem: RESET CONTROLLER OAM LACK RESOURCE (1319) Implicitly cleared: true Default probable cause: unknown (1097)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This event indicates that the controller board is reset due to lack of internal resources.		
Impact: Telecom: All associated calls and cells are not operational during reset. On successful reset, all resources are functional. OAM: The OAM functionalities are not available during reset. On successful reset, the OAM functionalities are available.		
Remedial action: No action is required.		

Table 28-1419 IK4901053 - RESET CONTROLLER WATCHDOG

Alarm	Attributes	Applicable major releases
Name: IK4901053 (4138) Type: equipmentAlarm (3) Package: Ite Raised on class: Ite.MODULE	Severity: variable Specific problem: RESET CONTROLLER WATCHDOG (1320) Implicitly cleared: true Default probable cause: unknown (1097)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This event indicates that the controller is reset due to hardware watchdog timeout.		
Impact: Telecom: All associated calls and cells are not operational during reset. On successful reset, all resources are functional. OAM: The OAM functionalities are not available during reset. On successful reset, the OAM functionalities are available.		
Remedial action: No action is required.		

Table 28-1420 IK4901054 - RESET OAM EXCEPTION

Alarm	Attributes	Applicable major releases
Name: IK4901054 (4139) Type: equipmentAlarm (3) Package: Ite Raised on class: Ite.MODULE	Severity: variable Specific problem: RESET OAM EXCEPTION (1323) Implicitly cleared: true Default probable cause: unknown (1097)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This event indicates that the controller is reset due to an processor exception.		
Impact: Telecom: All associated calls and cells are not operational during reset. On successful reset, all resources are functional. OAM: The OAM functionalities are not available during reset. On successful reset, the OAM functionalities are available.		
Remedial action: No action is required.		

Table 28-1421 IK4901055 - SOFTWARE AND DATABASE FALLBACK

Alarm	Attributes	Applicable major releases
Name: IK4901055 (4140) Type: equipmentAlarm (3) Package: Ite Raised on class: Ite.MODULE	Severity: variable Specific problem: SOFTWARE AND DATABASE FALLBACK (1337) Implicitly cleared: true Default probable cause: unknown (1097)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This event indicates that the eNodeB has detected a critical failure during eNodeB initialization while booting from the active software partition. The eNodeB has switched over to the passive software partition and booted up on the previous software version with the previous configuration data.		
Impact: Telecom: Services may not be operating properly until the eNodeB is restored to the proper software version and configuration data. OAM: No impact on OAM service.		
Remedial action: No action is required.		

Table 28-1422 IK4901056 - SOFTWARE FALLBACK

Alarm	Attributes	Applicable major releases
Name: IK4901056 (4141) Type: equipmentAlarm (3) Package: Ite Raised on class: Ite.MODULE	Severity: variable Specific problem: SOFTWARE FALLBACK (1338) Implicitly cleared: true Default probable cause: unknown (1097)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This event indicates that the eNodeB has detected a critical failure during eNodeB initialization while booting from the active software partition. The eNodeB has switched over to the passive software partition and booted up on the previous software version with the previous configuration data.		
Impact: Telecom: Services may not be operating properly until the eNodeB is restored to the proper software version and configuration data. OAM: No impact on OAM service.		
Remedial action: No action is required.		

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Table 28-1423 IK4901057 - SW UPDATED AUTOMATICALLY

Alarm	Attributes	Applicable major releases
Name: IK4901057 (4142) Type: equipmentAlarm (3) Package: Ite Raised on class: Ite.MODULE	Severity: variable Specific problem: SW UPDATED AUTOMATICALLY (1331) Implicitly cleared: true Default probable cause: unknown (1097)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This event indicates the board was enabled with invalid software. OAM automatically updates the required software version.		
Impact: Telecom: All calls and cells associated with the module are not operational. On successful reset, all resources are functional. OAM: No impact on OAM service.		
Remedial action: No action is required.		

Table 28-1424 IK4901058 - UNEXPECTED CONTROL BOARD RESET

Alarm	Attributes	Applicable major releases
Name: IK4901058 (4143) Type: equipmentAlarm (3) Package: Ite Raised on class: Ite.MODULE	Severity: variable Specific problem: UNEXPECTED CONTROL BOARD RESET (1343) Implicitly cleared: true Default probable cause: unknown (1097)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This event indicates that the control board suffered from an unexpected, unplanned reset. Specific details are in the Additional Text.		
Impact: Telecom: All associated calls and cells are not operational during the reset. On a successful reset, all resources are again functional. OAM: The OAM functionality is not available during the reset. On successful reset, the OAM functionality is again available.		
Remedial action: No action is required.		

Table 28-1425 IK4901059 - CORRUPT FILE

Alarm	Attributes	Applicable major releases
Name: IK4901059 (4144) Type: processingErrorAlarm (81) Package: Ite Raised on class: Ite.RFME	Severity: variable Specific problem: CORRUPT FILE (1318) Implicitly cleared: true Default probable cause: unknown (1097)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This event indicates a checksum error.		
Impact: Software replacement failure.		
Remedial action: No action is required.		

Table 28-1426 IK4901060 - RFME MODULE DOWNLOAD FAILURE

Alarm	Attributes	Applicable major releases
Name: IK4901060 (4145) Type: equipmentAlarm (3) Package: Ite Raised on class: Ite.RFME	Severity: variable Specific problem: RFME MODULE DOWNLOAD FAILURE (1346) Implicitly cleared: true Default probable cause: unknown (1097)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This event indicates the failure to transfer the software package from the local storage to the board.		
Impact: Telecom: No impact on telecom service. OAM: No impact on OAM service.		
Remedial action: No action is required.		

Table 28-1427 IK4901061 - UNSUPPORTED DELEGATION BY OTHER CONTROLLER

Alarm	Attributes	Applicable major releases
Name: IK4901061 (5384) Type: equipmentAlarm (3) Package: Ite Raised on class: Ite.RFM	Severity: warning Specific problem: UNSUPPORTED DELEGATION BY OTHER CONTROLLER (1347) Implicitly cleared: true Default probable cause: configurationOrCustomizationError (902)	<ul style="list-style-type: none"> • LR14.1.L
Description: The primary controller for this RE (CDMA, WCDMA or GSM) has delegated a management function such as 'Software Management' to the LTE controller. This function is not supported by this LTE release.		
Remedial action: Reconfigure the RE on the primary controller (CDMA, WCDMA or GSM) to no longer delegate the unsupported management function to LTE.		

Table 28-1428 IK4904001 - UPDATE RI FAILURE

Alarm	Attributes	Applicable major releases
Name: IK4904001 (2787) Type: equipmentAlarm (3) Package: Ite Raised on class: Ite.BBCardSpecifics	Severity: variable Specific problem: UPDATE RI FAILURE (1348) Implicitly cleared: true Default probable cause: unknown (1097)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This event indicates the failure to update the remote inventory information for the module.		
Impact: Telecom: No impact on telecom service. OAM: Incorrect information is stored in the remote inventory file or the remote inventory of the module.		
Remedial action: No action is required.		

Table 28-1429 IK4904002 - UPDATE RI FAILURE

Alarm	Attributes	Applicable major releases
Name: IK4904002 (2788) Type: equipmentAlarm (3) Package: Ite Raised on class: Ite.CBCardSpecifics	Severity: variable Specific problem: UPDATE RI FAILURE (1348) Implicitly cleared: true Default probable cause: unknown (1097)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This event indicates the failure to update the remote inventory information for the module.		
Impact: Telecom: No impact on telecom service. OAM: Incorrect information is stored in the remote inventory file or the remote inventory of the module.		
Remedial action: No action is required.		

Table 28-1430 IK4904003 - UPDATE RI FAILURE

Alarm	Attributes	Applicable major releases
Name: IK4904003 (2789) Type: equipmentAlarm (3) Package: Ite Raised on class: Ite.ENBShelfSpecifics	Severity: variable Specific problem: UPDATE RI FAILURE (1348) Implicitly cleared: true Default probable cause: unknown (1097)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This event indicates the failure to update the remote inventory information for the module.		
Impact: Telecom: No impact on telecom service. OAM: Incorrect information is stored in the remote inventory file or the remote inventory of the module.		
Remedial action: No action is required.		

Table 28-1431 IK4904004 - UPDATE RI FAILURE

Alarm	Attributes	Applicable major releases
Name: IK4904004 (2790) Type: equipmentAlarm (3) Package: Ite Raised on class: Ite.RRH	Severity: variable Specific problem: UPDATE RI FAILURE (1348) Implicitly cleared: true Default probable cause: unknown (1097)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This event indicates the failure to update the remote inventory information for the module.		
Impact: Telecom: No impact on telecom service. OAM: Incorrect information is stored in the remote inventory file or the remote inventory of the module.		
Remedial action: No action is required.		

Table 28-1432 IK4904005 - UPDATE RI FAILURE

Alarm	Attributes	Applicable major releases
Name: IK4904005 (2791) Type: equipmentAlarm (3) Package: Ite Raised on class: Ite.TRDU	Severity: variable Specific problem: UPDATE RI FAILURE (1348) Implicitly cleared: true Default probable cause: unknown (1097)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This event indicates the failure to update the remote inventory information for the module.		
Impact: Telecom: No impact on telecom service. OAM: Incorrect information is stored in the remote inventory file or the remote inventory of the module.		
Remedial action: No action is required.		

Table 28-1433 IK4904006 - CONFIGURATION TIMEOUT

Alarm	Attributes	Applicable major releases
Name: IK4904006 (2792) Type: processingErrorAlarm (81) Package: Ite Raised on class: Ite.BBCardSpecifics	Severity: variable Specific problem: CONFIGURATION TIMEOUT (1349) Implicitly cleared: true Default probable cause: unknown (1097)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This event indicates the time-out for a response from the module.		
Impact: Telecom: Impacts the telecom traffic, depending on the module state. OAM: No impact on OAM service.		
Remedial action: No action is required.		

Table 28-1434 IK4904007 - CONFIGURATION TIMEOUT

Alarm	Attributes	Applicable major releases
Name: IK4904007 (2793) Type: processingErrorAlarm (81) Package: Ite Raised on class: Ite.CBCardSpecifics	Severity: variable Specific problem: CONFIGURATION TIMEOUT (1349) Implicitly cleared: true Default probable cause: unknown (1097)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This event indicates the time-out for a response from the module.		
Impact: Telecom: Impacts the telecom traffic, depending on the module state. OAM: No impact on OAM service.		
Remedial action: No action is required.		

Table 28-1435 IK4904008 - CONFIGURATION TIMEOUT

Alarm	Attributes	Applicable major releases
Name: IK4904008 (2794) Type: processingErrorAlarm (81) Package: Ite Raised on class: Ite.ENBShelfSpecifics	Severity: variable Specific problem: CONFIGURATION TIMEOUT (1349) Implicitly cleared: true Default probable cause: unknown (1097)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This event indicates the time-out for a response from the module.		
Impact: Telecom: Impacts the telecom traffic, depending on the module state. OAM: No impact on OAM service.		
Remedial action: No action is required.		

Table 28-1436 IK4904011 - CONFIGURATION TIMEOUT

Alarm	Attributes	Applicable major releases
Name: IK4904011 (2795) Type: processingErrorAlarm (81) Package: Ite Raised on class: Ite.RRH	Severity: variable Specific problem: CONFIGURATION TIMEOUT (1349) Implicitly cleared: true Default probable cause: unknown (1097)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This event indicates the time-out for a response from the module.		
Impact: Telecom: Impacts the telecom traffic, depending on the module state. OAM: No impact on OAM service.		
Remedial action: No action is required.		

Table 28-1437 IK4904013 - CONFIGURATION TIMEOUT

Alarm	Attributes	Applicable major releases
Name: IK4904013 (2796) Type: processingErrorAlarm (81) Package: Ite Raised on class: Ite.TRDU	Severity: variable Specific problem: CONFIGURATION TIMEOUT (1349) Implicitly cleared: true Default probable cause: unknown (1097)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This event indicates the time-out for a response from the module.		
Impact: Telecom: Impacts the telecom traffic, depending on the module state. OAM: No impact on OAM service.		
Remedial action: No action is required.		

Table 28-1438 IK4904016 - MODULE INSERTION

Alarm	Attributes	Applicable major releases
Name: IK4904016 (2797) Type: equipmentAlarm (3) Package: lte Raised on class: lte.RRH	Severity: variable Specific problem: MODULE INSERTION (1350) Implicitly cleared: true Default probable cause: unknown (1097)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This event indicates a module insertion.		
Impact: No impact on eNodeB.		
Remedial action: No action is required.		

Table 28-1439 IK4904017 - MODULE INSERTION

Alarm	Attributes	Applicable major releases
Name: IK4904017 (2798) Type: equipmentAlarm (3) Package: lte Raised on class: lte.TRDU	Severity: variable Specific problem: MODULE INSERTION (1350) Implicitly cleared: true Default probable cause: unknown (1097)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This event indicates a module insertion.		
Impact: No impact on eNodeB.		
Remedial action: No action is required.		

Table 28-1440 IK4904018 - MODULE INSERTION

Alarm	Attributes	Applicable major releases
Name: IK4904018 (2799) Type: equipmentAlarm (3) Package: lte Raised on class: lte.BBCardSpecifics	Severity: variable Specific problem: MODULE INSERTION (1350) Implicitly cleared: true Default probable cause: unknown (1097)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This event indicates a module insertion.		
Impact: No impact on eNodeB.		
Remedial action: No action is required.		

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Table 28-1441 IK4904019 - SNAPSHOT FILE AVAILABLE

Alarm	Attributes	Applicable major releases
Name: IK4904019 (2800) Type: qualityOfServiceAlarm (82) Package: Ite Raised on class: Ite.ENBEquipment	Severity: variable Specific problem: SNAPSHOT FILE AVAILABLE (1351) Implicitly cleared: true Default probable cause: unknown (1097)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This event indicates the availability of new snapshot files.		
Impact: No impact on eNodeB.		
Remedial action: No action is required.		

Table 28-1442 IK4904020 - POSTMORTEM FILE AVAILABLE

Alarm	Attributes	Applicable major releases
Name: IK4904020 (2801) Type: qualityOfServiceAlarm (82) Package: Ite Raised on class: Ite.ENBEquipment	Severity: variable Specific problem: POSTMORTEM FILE AVAILABLE (1352) Implicitly cleared: true Default probable cause: unknown (1097)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This event indicates the availability of new post-mortem files.		
Impact: No impact on eNodeB.		
Remedial action: No action is required.		

Table 28-1443 IK4904021 - SNAPSHOT FILE FAILURE

Alarm	Attributes	Applicable major releases
Name: IK4904021 (2802) Type: qualityOfServiceAlarm (82) Package: Ite Raised on class: Ite.ENBEquipment	Severity: variable Specific problem: SNAPSHOT FILE FAILURE (1353) Implicitly cleared: true Default probable cause: unknown (1097)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This event indicates that the transfer of the new snapshot files to the target server failed.		
Impact: No impact on eNodeB.		
Remedial action: No action is required.		

Table 28-1444 IK4904022 - POSTMORTEM FILE FAILURE

Alarm	Attributes	Applicable major releases
Name: IK4904022 (2803) Type: qualityOfServiceAlarm (82) Package: lte Raised on class: lte.ENBEquipment	Severity: variable Specific problem: POSTMORTEM FILE FAILURE (1354) Implicitly cleared: true Default probable cause: unknown (1097)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This event indicates that the transfer of new post-mortem files to the target server failed.		
Impact: No impact on eNodeB.		
Remedial action: No action is required.		

Table 28-1445 IK4904023 - MODULE INSERTION

Alarm	Attributes	Applicable major releases
Name: IK4904023 (2804) Type: equipmentAlarm (3) Package: lte Raised on class: lte.AMR	Severity: variable Specific problem: MODULE INSERTION (1350) Implicitly cleared: true Default probable cause: unknown (1097)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This event indicates a module insertion.		
Impact: No impact on eNodeB.		
Remedial action: No action is required.		

Table 28-1446 IK4904024 - MODULE INSERTION

Alarm	Attributes	Applicable major releases
Name: IK4904024 (2805) Type: equipmentAlarm (3) Package: lte Raised on class: lte.TmaAidEntry	Severity: variable Specific problem: MODULE INSERTION (1350) Implicitly cleared: true Default probable cause: unknown (1097)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This event indicates a module insertion.		
Impact: No impact on eNodeB.		
Remedial action: No action is required.		

Table 28-1447 IK4904025 - MODULE INSERTION

Alarm	Attributes	Applicable major releases
Name: IK4904025 (2806) Type: equipmentAlarm (3) Package: Ite Raised on class: Ite.RetAIdEntry	Severity: variable Specific problem: MODULE INSERTION (1350) Implicitly cleared: true Default probable cause: unknown (1097)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This event indicates a module insertion.		
Impact: No impact on eNodeB.		
Remedial action: No action is required.		

Table 28-1448 IK4904026 - CONFIGURATION TIMEOUT

Alarm	Attributes	Applicable major releases
Name: IK4904026 (2807) Type: processingErrorAlarm (81) Package: Ite Raised on class: Ite.AMR	Severity: variable Specific problem: CONFIGURATION TIMEOUT (1349) Implicitly cleared: true Default probable cause: unknown (1097)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This event indicates the time-out for a response from the module.		
Impact: Telecom: Impacts the telecom traffic, depending on the module state. OAM: No impact on OAM service.		
Remedial action: No action is required.		

Table 28-1449 IK4904027 - CONFIGURATION TIMEOUT

Alarm	Attributes	Applicable major releases
Name: IK4904027 (2808) Type: processingErrorAlarm (81) Package: Ite Raised on class: Ite.TmaAIdEntry	Severity: variable Specific problem: CONFIGURATION TIMEOUT (1349) Implicitly cleared: true Default probable cause: unknown (1097)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This event indicates the time-out for a response from the module.		
Impact: Telecom: Impacts the telecom traffic, depending on the module state. OAM: No impact on OAM service.		
Remedial action: No action is required.		

Table 28-1450 IK4904028 - CONFIGURATION TIMEOUT

Alarm	Attributes	Applicable major releases
Name: IK4904028 (2809) Type: processingErrorAlarm (81) Package: Ite Raised on class: Ite.RetAIdEntry	Severity: variable Specific problem: CONFIGURATION TIMEOUT (1349) Implicitly cleared: true Default probable cause: unknown (1097)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This event indicates the time-out for a response from the module.		
Impact: Telecom: Impacts the telecom traffic, depending on the module state. OAM: No impact on OAM service.		
Remedial action: No action is required.		

Table 28-1451 IK4904029 - PROCESSING UNIT OCCUPANCY OVERLOAD

Alarm	Attributes	Applicable major releases
Name: IK4904029 (3282) Type: processingErrorAlarm (81) Package: Ite Raised on class: Ite.CBCardSpecifics	Severity: variable Specific problem: PROCESSING UNIT OCCUPANCY OVERLOAD (1355) Implicitly cleared: true Default probable cause: unknown (1097)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This event indicates that the processing unit is overloaded.		
Impact: Telecom: No impact on telecom service. OAM: No impact on OAM service.		
Remedial action: No action is required.		

Table 28-1452 IK4904030 - RAM USAGE OVERLOAD

Alarm	Attributes	Applicable major releases
Name: IK4904030 (3283) Type: processingErrorAlarm (81) Package: Ite Raised on class: Ite.CBCardSpecifics	Severity: variable Specific problem: RAM USAGE OVERLOAD (1356) Implicitly cleared: true Default probable cause: unknown (1097)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This event indicates that the RAM exhausted.		
Impact: Telecom: No impact on telecom service. OAM: No impact on OAM service.		
Remedial action: No action is required.		

Table 28-1453 IK4904031 - PROCESSING UNIT OCCUPANCY OVERLOAD

Alarm	Attributes	Applicable major releases
Name: IK4904031 (3284) Type: processingErrorAlarm (81) Package: Ite Raised on class: Ite.BBCardSpecifics	Severity: variable Specific problem: PROCESSING UNIT OCCUPANCY OVERLOAD (1355) Implicitly cleared: true Default probable cause: unknown (1097)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This event indicates that the processing unit is overloaded.		
Impact: Telecom: No impact on telecom service. OAM: No impact on OAM service.		
Remedial action: No action is required.		

Table 28-1454 IK4904032 - RAM USAGE OVERLOAD

Alarm	Attributes	Applicable major releases
Name: IK4904032 (3285) Type: processingErrorAlarm (81) Package: Ite Raised on class: Ite.BBCardSpecifics	Severity: variable Specific problem: RAM USAGE OVERLOAD (1356) Implicitly cleared: true Default probable cause: unknown (1097)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This event indicates that the RAM exhausted.		
Impact: Telecom: No impact on telecom service. OAM: No impact on OAM service.		
Remedial action: No action is required.		

Table 28-1455 IK4904033 - ALU DEBUG SESSION ON-DEMAND SNAPSHOT FILE AVAILABLE

Alarm	Attributes	Applicable major releases
Name: IK4904033 (3286) Type: qualityOfServiceAlarm (82) Package: Ite Raised on class: Ite.ENBEquipment	Severity: variable Specific problem: ALU DEBUG SESSION ON-DEMAND SNAPSHOT FILE AVAILABLE (1357) Implicitly cleared: true Default probable cause: unknown (1097)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This event indicates the availability of new on-demand snapshot files.		
Impact: No impact on eNodeB.		
Remedial action: No action is required.		

Table 28-1456 IK4904034 - ALU DEBUG SESSION ON-DEMAND SNAPSHOT UPLOAD FAILED

Alarm	Attributes	Applicable major releases
Name: IK4904034 (3287) Type: qualityOfServiceAlarm (82) Package: lte Raised on class: lte.ENBEquipment	Severity: variable Specific problem: ALU DEBUG SESSION ON-DEMAND SNAPSHOT UPLOAD FAILED (1358) Implicitly cleared: true Default probable cause: unknown (1097)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This event indicates that the transfer of the new on-demand snapshot files to the target server failed.		
Impact: No impact on eNodeB.		
Remedial action: No action is required.		

Table 28-1457 IK4904035 - ALU DEBUG SESSION ON-DEMAND SNAPSHOT INTERNAL FAILURE

Alarm	Attributes	Applicable major releases
Name: IK4904035 (3674) Type: qualityOfServiceAlarm (82) Package: lte Raised on class: lte.ENBEquipment	Severity: variable Specific problem: ALU DEBUG SESSION ON-DEMAND SNAPSHOT INTERNAL FAILURE (1359) Implicitly cleared: true Default probable cause: unknown (1097)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This event indicates that the on-demand snapshot request failed due to eNodeB internal error.		
Impact: No impact on eNodeB.		
Remedial action: No action is required.		

Table 28-1458 IK4904036 - ALU DEBUG SESSION ON-DEMAND SNAPSHOT INTERNAL FAILURE

Alarm	Attributes	Applicable major releases
Name: IK4904036 (3855) Type: qualityOfServiceAlarm (82) Package: lte Raised on class: lte.CBCardSpecifics	Severity: variable Specific problem: ALU DEBUG SESSION ON-DEMAND SNAPSHOT INTERNAL FAILURE (1359) Implicitly cleared: true Default probable cause: unknown (1097)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This event indicates that the on-demand snapshot request failed due to eNodeB internal error.		
Impact: No impact to eNodeB.		
Remedial action: No action is required.		

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Table 28-1459 IK4904037 - ALU DEBUG SESSION ON-DEMAND SNAPSHOT INTERNAL FAILURE

Alarm	Attributes	Applicable major releases
Name: IK4904037 (3856) Type: qualityOfServiceAlarm (82) Package: Ite Raised on class: Ite.BBCardSpecifics	Severity: variable Specific problem: ALU DEBUG SESSION ON-DEMAND SNAPSHOT INTERNAL FAILURE (1359) Implicitly cleared: true Default probable cause: unknown (1097)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This event indicates that the on-demand snapshot request failed due to eNodeB internal error.		
Impact: No impact to eNodeB.		
Remedial action: No action is required.		

Table 28-1460 IK4904038 - ALU DEBUG SESSION ON-DEMAND SNAPSHOT INTERNAL FAILURE

Alarm	Attributes	Applicable major releases
Name: IK4904038 (3857) Type: qualityOfServiceAlarm (82) Package: Ite Raised on class: Ite.TRDU	Severity: variable Specific problem: ALU DEBUG SESSION ON-DEMAND SNAPSHOT INTERNAL FAILURE (1359) Implicitly cleared: true Default probable cause: unknown (1097)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This event indicates that the on-demand snapshot request failed due to eNodeB internal error.		
Impact: No impact to eNodeB.		
Remedial action: No action is required.		

Table 28-1461 IK4904039 - ALU DEBUG SESSION ON-DEMAND SNAPSHOT INTERNAL FAILURE

Alarm	Attributes	Applicable major releases
Name: IK4904039 (3858) Type: qualityOfServiceAlarm (82) Package: Ite Raised on class: Ite.RRH	Severity: variable Specific problem: ALU DEBUG SESSION ON-DEMAND SNAPSHOT INTERNAL FAILURE (1359) Implicitly cleared: true Default probable cause: unknown (1097)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This event indicates that the on-demand snapshot request failed due to eNodeB internal error.		
Impact: No impact to eNodeB.		
Remedial action: No action is required.		

Table 28-1462 IK4904040 - ALU DEBUG SESSION ON-DEMAND SNAPSHOT INTERNAL FAILURE

Alarm	Attributes	Applicable major releases
Name: IK4904040 (4146) Type: qualityOfServiceAlarm (82) Package: Ite Raised on class: Ite.MODULE	Severity: variable Specific problem: ALU DEBUG SESSION ON-DEMAND SNAPSHOT INTERNAL FAILURE (1359) Implicitly cleared: true Default probable cause: unknown (1097)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This event indicates that the on-demand snapshot request failed due to eNodeB internal error.		
Impact: No impact to eNodeB.		
Remedial action: No action is required.		

Table 28-1463 IK4904041 - CONFIGURATION TIMEOUT

Alarm	Attributes	Applicable major releases
Name: IK4904041 (4147) Type: processingErrorAlarm (81) Package: Ite Raised on class: Ite.MODULE	Severity: variable Specific problem: CONFIGURATION TIMEOUT (1349) Implicitly cleared: true Default probable cause: unknown (1097)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This event indicates the time-out for a response from the module.		
Impact: Telecom: Impacts the telecom traffic, depending on the module state. OAM: No impact on OAM service.		
Remedial action: No action is required.		

Table 28-1464 IK4904042 - PROCESSING UNIT OCCUPANCY OVERLOAD

Alarm	Attributes	Applicable major releases
Name: IK4904042 (4148) Type: processingErrorAlarm (81) Package: Ite Raised on class: Ite.MODULE	Severity: variable Specific problem: PROCESSING UNIT OCCUPANCY OVERLOAD (1355) Implicitly cleared: true Default probable cause: unknown (1097)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This events indicates that the processing unit is overloaded.		
Impact: Telecom: No impact on telecom service. OAM: No impact on OAM service.		
Remedial action: No action is required.		

Table 28-1465 IK4904043 - RAM USAGE OVERLOAD

Alarm	Attributes	Applicable major releases
Name: IK4904043 (4149) Type: processingErrorAlarm (81) Package: Ite Raised on class: Ite.MODULE	Severity: variable Specific problem: RAM USAGE OVERLOAD (1356) Implicitly cleared: true Default probable cause: unknown (1097)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This events indicates that the RAM exhausted.		
Impact: Telecom: No impact on telecom service. OAM: No impact on OAM service.		
Remedial action: No action is required.		

Table 28-1466 IK4904044 - UPDATE RI FAILURE

Alarm	Attributes	Applicable major releases
Name: IK4904044 (4150) Type: equipmentAlarm (3) Package: Ite Raised on class: Ite.MODULE	Severity: variable Specific problem: UPDATE RI FAILURE (1348) Implicitly cleared: true Default probable cause: unknown (1097)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This event indicates the failure to update the remote inventory information for the module.		
Impact: Telecom: No impact on telecom service. OAM: Incorrect information is stored in the remote inventory file or the remote inventory of the module.		
Remedial action: No action is required.		

Table 28-1467 IK4904045 - CONFIGURATION TIMEOUT

Alarm	Attributes	Applicable major releases
Name: IK4904045 (4151) Type: processingErrorAlarm (81) Package: Ite Raised on class: Ite.RFME	Severity: variable Specific problem: CONFIGURATION TIMEOUT (1349) Implicitly cleared: true Default probable cause: unknown (1097)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This event indicates the time-out for a response from the module.		
Impact: Telecom: Impacts the telecom traffic, depending on the module state. OAM: No impact on OAM service.		
Remedial action: No action is required.		

Table 28-1468 IK4904046 - ALU DEBUG SESSION ON-DEMAND SNAPSHOT INTERNAL FAILURE

Alarm	Attributes	Applicable major releases
Name: IK4904046 (4152) Type: qualityOfServiceAlarm (82) Package: Ite Raised on class: Ite.RFME	Severity: variable Specific problem: ALU DEBUG SESSION ON-DEMAND SNAPSHOT INTERNAL FAILURE (1359) Implicitly cleared: true Default probable cause: unknown (1097)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This event indicates that the on-demand snapshot request failed due to eNodeB internal error.		
Impact: No impact to eNodeB.		
Remedial action: No action is required.		

Table 28-1469 IK4904047 - UPDATE RI FAILURE

Alarm	Attributes	Applicable major releases
Name: IK4904047 (4785) Type: equipmentAlarm (3) Package: Ite Raised on class: Ite.RFME	Severity: variable Specific problem: UPDATE RI FAILURE (1348) Implicitly cleared: true Default probable cause: unknown (1097)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This event indicates a failure to update the remote inventory information for the module.		
Impact: Incorrect information is stored in the remote inventory file or the remote inventory of the module.		
Remedial action: No action is required.		

Table 28-1470 IK4904048 - UPDATE RI FAILURE

Alarm	Attributes	Applicable major releases
Name: IK4904048 (4786) Type: equipmentAlarm (3) Package: Ite Raised on class: Ite.ENBEquipment	Severity: variable Specific problem: UPDATE RI FAILURE (1348) Implicitly cleared: true Default probable cause: unknown (1097)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This event indicates the failure to update the remote inventory information for the module.		
Impact: Incorrect information is stored in the remote inventory file or the remote inventory of the module.		
Remedial action: No action is required.		

Table 28-1471 IK4905002 - RESET OAM ON OPERATOR REQUEST

Alarm	Attributes	Applicable major releases
Name: IK4905002 (2811) Type: equipmentAlarm (3) Package: Ite Raised on class: Ite.CBCardSpecifics	Severity: variable Specific problem: RESET OAM ON OPERATOR REQUEST (1361) Implicitly cleared: true Default probable cause: unknown (1097)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This event indicates the reset command by the operator.		
Impact: Telecom: All associated calls are lost. OAM: No impact on OAM service.		
Remedial action: No action is required.		

Table 28-1472 IK4905006 - LRA RESET

Alarm	Attributes	Applicable major releases
Name: IK4905006 (2815) Type: equipmentAlarm (3) Package: Ite Raised on class: Ite.BBCardSpecifics	Severity: variable Specific problem: LRA RESET (1365) Implicitly cleared: true Default probable cause: unknown (1097)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This event indicates the reset due to a local recovery action.		
Impact: Telecom: All associated calls and cells are not operational during reset. On successful reset, all resources are functional. OAM: The OAM functionalities are not available during reset. On successful reset, the OAM functionalities are available.		
Remedial action: No action is required.		

Table 28-1473 IK4905007 - LRA RESET

Alarm	Attributes	Applicable major releases
Name: IK4905007 (2816) Type: equipmentAlarm (3) Package: Ite Raised on class: Ite.CBCardSpecifics	Severity: variable Specific problem: LRA RESET (1365) Implicitly cleared: true Default probable cause: unknown (1097)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This event indicates the reset due to a local recovery action.		
Impact: Telecom: All associated calls and cells are not operational during reset. On successful reset, all resources are functional. OAM: The OAM functionalities are not available during reset. On successful reset, the OAM functionalities are available.		
Remedial action: No action is required.		

Table 28-1474 IK4905008 - LRA RESET

Alarm	Attributes	Applicable major releases
Name: IK4905008 (2817) Type: equipmentAlarm (3) Package: Ite Raised on class: Ite.ENBShelfSpecifics	Severity: variable Specific problem: LRA RESET (1365) Implicitly cleared: true Default probable cause: unknown (1097)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This event indicates the reset due to a local recovery action.		
Impact: Telecom: All associated calls and cells are not operational during reset. On successful reset, all resources are functional. OAM: The OAM functionalities are not available during reset. On successful reset, the OAM functionalities are available.		
Remedial action: No action is required.		

Table 28-1475 IK4905009 - LRA RESET

Alarm	Attributes	Applicable major releases
Name: IK4905009 (2818) Type: equipmentAlarm (3) Package: Ite Raised on class: Ite.RRH	Severity: variable Specific problem: LRA RESET (1365) Implicitly cleared: true Default probable cause: unknown (1097)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This event indicates the reset due to a local recovery action.		
Impact: Telecom: All associated calls and cells are not operational during reset. On successful reset, all resources are functional. OAM: The OAM functionalities are not available during reset. On successful reset, the OAM functionalities are available.		
Remedial action: No action is required.		

Table 28-1476 IK4905010 - LRA RESET

Alarm	Attributes	Applicable major releases
Name: IK4905010 (2819) Type: equipmentAlarm (3) Package: Ite Raised on class: Ite.TRDU	Severity: variable Specific problem: LRA RESET (1365) Implicitly cleared: true Default probable cause: unknown (1097)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This event indicates the reset due to a local recovery action.		
Impact: Telecom: All associated calls and cells are not operational during reset. On successful reset, all resources are functional. OAM: The OAM functionalities are not available during reset. On successful reset, the OAM functionalities are available.		
Remedial action: No action is required.		

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Table 28-1477 IK4905011 - MODULE RESET

Alarm	Attributes	Applicable major releases
Name: IK4905011 (2820) Type: equipmentAlarm (3) Package: Ite Raised on class: Ite.BBCardSpecifics	Severity: variable Specific problem: MODULE RESET (1366) Implicitly cleared: true Default probable cause: unknown (1097)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This event indicates the reset command by the operator.		
Impact: Telecom: All associated calls and cells are not operational during reset. On successful reset, all resources are functional. OAM: The OAM functionalities are not available during reset. On successful reset, the OAM functionalities are available.		
Remedial action: No action is required.		

Table 28-1478 IK4905012 - MODULE RESET

Alarm	Attributes	Applicable major releases
Name: IK4905012 (2821) Type: equipmentAlarm (3) Package: Ite Raised on class: Ite.CBCardSpecifics	Severity: variable Specific problem: MODULE RESET (1366) Implicitly cleared: true Default probable cause: unknown (1097)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This event indicates the reset command by the operator.		
Impact: Telecom: All associated calls and cells are not operational during reset. On successful reset, all resources are functional. OAM: The OAM functionalities are not available during reset. On successful reset, the OAM functionalities are available.		
Remedial action: No action is required.		

Table 28-1479 IK4905013 - MODULE RESET

Alarm	Attributes	Applicable major releases
Name: IK4905013 (2822) Type: equipmentAlarm (3) Package: Ite Raised on class: Ite.ENBShelfSpecifics	Severity: variable Specific problem: MODULE RESET (1366) Implicitly cleared: true Default probable cause: unknown (1097)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This event indicates the reset command by the operator.		
Impact: Telecom: All associated calls and cells are not operational during reset. On successful reset, all resources are functional. OAM: The OAM functionalities are not available during reset. On successful reset, the OAM functionalities are available.		
Remedial action: No action is required.		

Table 28-1480 IK4905014 - MODULE RESET

Alarm	Attributes	Applicable major releases
Name: IK4905014 (2823) Type: equipmentAlarm (3) Package: lte Raised on class: lte.RRH	Severity: variable Specific problem: MODULE RESET (1366) Implicitly cleared: true Default probable cause: unknown (1097)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This event indicates the reset command by the operator.		
Impact: Telecom: All associated calls and cells are not operational during reset. On successful reset, all resources are functional. OAM: The OAM functionalities are not available during reset. On successful reset, the OAM functionalities are available.		
Remedial action: No action is required.		

Table 28-1481 IK4905015 - MODULE RESET

Alarm	Attributes	Applicable major releases
Name: IK4905015 (2824) Type: equipmentAlarm (3) Package: lte Raised on class: lte.TRDU	Severity: variable Specific problem: MODULE RESET (1366) Implicitly cleared: true Default probable cause: unknown (1097)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This event indicates the reset command by the operator.		
Impact: Telecom: All associated calls and cells are not operational during reset. On successful reset, all resources are functional. OAM: The OAM functionalities are not available during reset. On successful reset, the OAM functionalities are available.		
Remedial action: No action is required.		

Table 28-1482 IK4905016 - MODULE RESET

Alarm	Attributes	Applicable major releases
Name: IK4905016 (2825) Type: equipmentAlarm (3) Package: lte Raised on class: lte.ENBEquipment	Severity: variable Specific problem: MODULE RESET (1366) Implicitly cleared: true Default probable cause: unknown (1097)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This event indicates the reset command by the operator.		
Impact: Telecom: All associated calls and cells are not operational during reset. On successful reset, all resources are functional. OAM: The OAM functionalities are not available during reset. On successful reset, the OAM functionalities are available.		
Remedial action: No action is required.		

Table 28-1483 IK4905020 - DATABASE RECONFIGURATION RESET

Alarm	Attributes	Applicable major releases
Name: IK4905020 (2828) Type: communicationsAlarm (4) Package: lte Raised on class: lte.CBCardSpecifics	Severity: variable Specific problem: DATABASE RECONFIGURATION RESET (1368) Implicitly cleared: true Default probable cause: unknown (1097)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This event indicates that a reset was performed due to a database reconfiguration.		
Impact: Telecom: All associated calls and cells are not operational during reset. On successful reset, all resources are functional. OAM: The OAM functionalities are not available during reset. On successful reset, the OAM functionalities are available.		
Remedial action: No action is required.		

Table 28-1484 IK4905021 - MAX NUMBER OF DYNAMIC CARDINALITY REACHED

Alarm	Attributes	Applicable major releases
Name: IK4905021 (2829) Type: communicationsAlarm (4) Package: lte Raised on class: lte.ENBEquipment	Severity: variable Specific problem: MAX NUMBER OF DYNAMIC CARDINALITY REACHED (1369) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR13.3
Description: This event indicates that the number of X2Access objects being in an invisible state has reached the limit and the ANR function triggers the creation of a further dynamic X2Access/X2TransportLayerAccess. The new invisible X2Access/X2TransportLayerAccess is not created.		
Impact: No impact on eNodeB.		
Remedial action: Remove X2 objects which are not needed from the predefined configuration data.		

Table 28-1485 IK4905022 - FALLBACK AFTER RECONFIGURATION

Alarm	Attributes	Applicable major releases
Name: IK4905022 (2830) Type: equipmentAlarm (3) Package: lte Raised on class: lte.ENBEquipment	Severity: variable Specific problem: FALLBACK AFTER RECONFIGURATION (1370) Implicitly cleared: true Default probable cause: unknown (1097)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This event indicates that the eNodeB did an autonomous fallback to the previous configuration because the contact to the network management system could not be restored.		
Impact: No impact on eNodeB.		
Remedial action: No action is required.		

Table 28-1486 IK4905023 - MAX NUMBER OF CARDINALITY REACHED

Alarm	Attributes	Applicable major releases
Name: IK4905023 (3288) Type: communicationsAlarm (4) Package: Ite Raised on class: Ite.ENBEquipment	Severity: variable Specific problem: MAX NUMBER OF CARDINALITY REACHED (1367) Implicitly cleared: true Default probable cause: unknown (1097)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This event indicates that the maximum number of object cardinality is reached. The automatic creation of new objects is not possible anymore.		
Impact: No impact on eNodeB.		
Remedial action: No action is required.		

Table 28-1487 IK4905024 - RESET ON OPERATOR REQUEST

Alarm	Attributes	Applicable major releases
Name: IK4905024 (3289) Type: equipmentAlarm (3) Package: Ite Raised on class: Ite.ENBEquipment	Severity: variable Specific problem: RESET ON OPERATOR REQUEST (1360) Implicitly cleared: true Default probable cause: unknown (1097)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This event indicates the reset command by the operator.		
Impact: Telecom: All associated calls are lost. OAM: No impact on OAM service.		
Remedial action: No action is required.		

Table 28-1488 IK4905025 - RESET CONTROLLER OAM ON OPERATOR REQUEST

Alarm	Attributes	Applicable major releases
Name: IK4905025 (3290) Type: equipmentAlarm (3) Package: Ite Raised on class: Ite.CBCardSpecifics	Severity: variable Specific problem: RESET CONTROLLER OAM ON OPERATOR REQUEST (1362) Implicitly cleared: true Default probable cause: unknown (1097)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This event indicates the reset command by the operator.		
Impact: Telecom: All associated calls are lost. OAM: No impact on OAM service.		
Remedial action: No action is required.		

Table 28-1489 IK4905026 - CONTROLLER OAM RESET AFTER RESTORE

Alarm	Attributes	Applicable major releases
Name: IK4905026 (3291) Type: equipmentAlarm (3) Package: Ite Raised on class: Ite.CBCardSpecifics	Severity: variable Specific problem: CONTROLLER OAM RESET AFTER RESTORE (1363) Implicitly cleared: true Default probable cause: unknown (1097)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This event indicates that the controller board is reset to restore the configuration data.		
Impact: Telecom: All associated calls are lost. OAM: No impact on OAM service.		
Remedial action: No action is required.		

Table 28-1490 IK4905027 - CONTROLLER OAM RESET AFTER RESTORE WITH EMPTY DATABASE

Alarm	Attributes	Applicable major releases
Name: IK4905027 (3292) Type: equipmentAlarm (3) Package: Ite Raised on class: Ite.CBCardSpecifics	Severity: variable Specific problem: CONTROLLER OAM RESET AFTER RESTORE WITH EMPTY DATABASE (1364) Implicitly cleared: true Default probable cause: unknown (1097)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This event indicates an OAM auto-reset with an empty database as the database was not restored properly.		
Impact: Telecom: All associated calls are lost. OAM: No impact on OAM service.		
Remedial action: No action is required.		

Table 28-1491 IK4905028 - BBU POSITION CHANGE

Alarm	Attributes	Applicable major releases
Name: IK4905028 (3293) Type: equipmentAlarm (3) Package: Ite Raised on class: Ite.CBCardSpecifics	Severity: variable Specific problem: BBU POSITION CHANGE (1371) Implicitly cleared: true Default probable cause: unknown (1097)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This event indicates that the BBU position coordinates have changed. The GPS antenna of the eNodeB has been moved or the bbuPositionDeltaX/Y/Z coordinates have been reconfigured.		
Impact: No impact on eNodeB.		
Remedial action: No action is required.		

Table 28-1492 IK4905029 - BBU POSITION ERROR

Alarm	Attributes	Applicable major releases
Name: IK4905029 (3294) Type: equipmentAlarm (3) Package: lte Raised on class: lte.CBCardSpecifics	Severity: variable Specific problem: BBU POSITION ERROR (1372) Implicitly cleared: true Default probable cause: unknown (1097)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This event indicates that the BBU position coordinates might not be correct.		
Impact: Configured coordinates of the BBU might not be correct.		
Remedial action: No action is required.		

Table 28-1493 IK4905030 - MAIN ANTENNA POSITION CHANGE

Alarm	Attributes	Applicable major releases
Name: IK4905030 (3295) Type: equipmentAlarm (3) Package: lte Raised on class: lte.CBCardSpecifics	Severity: variable Specific problem: MAIN ANTENNA POSITION CHANGE (1373) Implicitly cleared: true Default probable cause: unknown (1097)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This event indicates that the main RF antenna position coordinates have changed. The GPS antenna of the eNodeB has been moved or the mainAntennaPositionDeltaX/Y/Z values have been reconfigured.		
Impact: No impact on eNodeB.		
Remedial action: No action is required.		

Table 28-1494 IK4905031 - MAIN ANTENNA POSITION ERROR

Alarm	Attributes	Applicable major releases
Name: IK4905031 (3296) Type: equipmentAlarm (3) Package: lte Raised on class: lte.CBCardSpecifics	Severity: variable Specific problem: MAIN ANTENNA POSITION ERROR (1374) Implicitly cleared: true Default probable cause: unknown (1097)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This event indicates that the main RF antenna position coordinates might not be correct.		
Impact: Location fix of UEs might be inaccurate.		
Remedial action: No action is required.		

Table 28-1495 IK4905034 - OAM CELL EVENT 3

Alarm	Attributes	Applicable major releases
Name: IK4905034 (3299) Type: processingErrorAlarm (81) Package: Ite Raised on class: Ite.Cell	Severity: variable Specific problem: OAM CELL EVENT 3 (1377) Implicitly cleared: true Default probable cause: unknown (1097)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: Spare event used in LR14.3. The OAM System Integrity Monitor has run a Health Check on the cell and has detected a degradation affecting cell performance. SIM has raised a critical alarm and is now initiating Phase 2 recovery actions to initialize the cell.		
Impact: Telecom: The cell will be initialized by SIM actions. OAM: no impact.		
Remedial action: No action is required. If the degradation persists after the Local Recovery Action, Investigation is required to determine the cause for the degradations.		

Table 28-1496 IK4905035 - OAM CELL EVENT 4

Alarm	Attributes	Applicable major releases
Name: IK4905035 (3300) Type: processingErrorAlarm (81) Package: Ite Raised on class: Ite.Cell	Severity: variable Specific problem: OAM CELL EVENT 4 (1378) Implicitly cleared: true Default probable cause: unknown (1097)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: Provisioned for late churn-in. This event is for future use.		
Impact: Unknown.		
Remedial action: No action is required.		

Table 28-1497 IK4905036 - OAM CELL EVENT 5

Alarm	Attributes	Applicable major releases
Name: IK4905036 (3301) Type: processingErrorAlarm (81) Package: Ite Raised on class: Ite.Cell	Severity: variable Specific problem: OAM CELL EVENT 5 (1379) Implicitly cleared: true Default probable cause: unknown (1097)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: Provisioned for late churn-in. This event is for future use.		
Impact: Unknown.		
Remedial action: No action is required.		

Table 28-1498 IK4905037 - LRA RESET

Alarm	Attributes	Applicable major releases
Name: IK4905037 (3675) Type: equipmentAlarm (3) Package: lte Raised on class: lte.TmaAIdEntry	Severity: variable Specific problem: LRA RESET (1365) Implicitly cleared: true Default probable cause: unknown (1097)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This event indicates the reset due to a local recovery action.		
Impact: Telecom: All associated calls and cells are not operational during reset. On successful reset, all resources are functional. OAM: The OAM functionalities are not available during reset. On successful reset, the OAM functionalities are available.		
Remedial action: No action is required.		

Table 28-1499 IK4905038 - LRA RESET

Alarm	Attributes	Applicable major releases
Name: IK4905038 (3676) Type: equipmentAlarm (3) Package: lte Raised on class: lte.RetAIdEntry	Severity: variable Specific problem: LRA RESET (1365) Implicitly cleared: true Default probable cause: unknown (1097)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This event indicates the reset due to a local recovery action.		
Impact: Telecom: All associated calls and cells are not operational during reset. On successful reset, all resources are functional. OAM: The OAM functionalities are not available during reset. On successful reset, the OAM functionalities are available.		
Remedial action: No action is required.		

Table 28-1500 IK4905039 - MODULE RESET

Alarm	Attributes	Applicable major releases
Name: IK4905039 (3677) Type: equipmentAlarm (3) Package: lte Raised on class: lte.TmaAIdEntry	Severity: variable Specific problem: MODULE RESET (1366) Implicitly cleared: true Default probable cause: unknown (1097)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This event indicates the reset command by the operator.		
Impact: Telecom: All associated calls and cells are not operational during reset. On successful reset, all resources are functional. OAM: The OAM functionalities are not available during reset. On successful reset, the OAM functionalities are available.		
Remedial action: No action is required.		

Table 28-1501 IK4905040 - MODULE RESET

Alarm	Attributes	Applicable major releases
Name: IK4905040 (3678) Type: equipmentAlarm (3) Package: lte Raised on class: lte.RetAldEntry	Severity: variable Specific problem: MODULE RESET (1366) Implicitly cleared: true Default probable cause: unknown (1097)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This event indicates the reset command by the operator.		
Impact: Telecom: All associated calls and cells are not operational during reset. On successful reset, all resources are functional. OAM: The OAM functionalities are not available during reset. On successful reset, the OAM functionalities are available.		
Remedial action: No action is required.		

Table 28-1502 IK4905041 - CELL BLOCK REQUEST RECEIVED AT SHARED RFM

Alarm	Attributes	Applicable major releases
Name: IK4905041 (3679) Type: equipmentAlarm (3) Package: lte Raised on class: lte.RFM	Severity: variable Specific problem: CELL BLOCK REQUEST RECEIVED AT SHARED RFM (1380) Implicitly cleared: true Default probable cause: unknown (1097)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This event indicates that the RFM is about to interrupt RF operation and so any cells fully supported on the RFM should be blocked. This cell block procedure is supported on shared RFMs (including ROCM) and is triggered by the other controller sharing the RFM.		
Impact: Telecom: The Cell Block procedure shuts down call processing on the cell(s) supported on this RFM. OAM: None.		
Remedial action: No action is required.		

Table 28-1503 IK4905043 - MODEM RESET DUE ON-LINE B-MODEM CLASS PARAMETER UPDATE

Alarm	Attributes	Applicable major releases
Name: IK4905043 (3859) Type: processingErrorAlarm (81) Package: lte Raised on class: lte.ENBEquipment	Severity: variable Specific problem: MODEM RESET DUE ON-LINE B-MODEM CLASS PARAMETER UPDATE (1381) Implicitly cleared: true Default probable cause: unknown (1097)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This event indicates Modem has reset when operator updates the value of B-Modem Class parameter on-line.		
Impact: Service impact on Modem		
Remedial action: No action is required.		

Table 28-1504 IK4905044 - X2 LINK RESET DUE ON-LINE B-X2-INTERFACE CLASS PARAMETER UPDATE

Alarm	Attributes	Applicable major releases
Name: IK4905044 (3860) Type: communicationsAlarm (4) Package: Ite Raised on class: Ite.X2TransportLayerAccess	Severity: variable Specific problem: X2 LINK RESET DUE ON-LINE B-X2-INTERFACE CLASS PARAMETER UPDATE (1382) Implicitly cleared: true Default probable cause: unknown (1097)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This event indicates X2 link has reset when operator updates the value of B-X2-interface Class parameter on-line.		
Impact: Service impact on X2 link		
Remedial action: No action is required.		

Table 28-1505 IK4905045 - S1 LINK RESET DUE ON-LINE B-S1-INTERFACE CLASS PARAMETER UPDATE

Alarm	Attributes	Applicable major releases
Name: IK4905045 (3861) Type: communicationsAlarm (4) Package: Ite Raised on class: Ite.MmeTransportLayerAccess	Severity: variable Specific problem: S1 LINK RESET DUE ON-LINE B-S1-INTERFACE CLASS PARAMETER UPDATE (1383) Implicitly cleared: true Default probable cause: unknown (1097)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This event indicates S1 link has reset when operator updates the value of B-S1-interface Class parameter on-line.		
Impact: Service impact on S1 link		
Remedial action: No action is required.		

Table 28-1506 IK4905046 - CELL OUTAGE START

Alarm	Attributes	Applicable major releases
Name: IK4905046 (3862) Type: equipmentAlarm (3) Package: Ite Raised on class: Ite.Cell	Severity: variable Specific problem: CELL OUTAGE START (1384) Implicitly cleared: true Default probable cause: unknown (1097)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This event indicates that the cell has stopped to provide telecom services.		
Impact: Telecom: The cell is not operational. OAM: No impact		
Remedial action: No action is required.		

Table 28-1507 IK4905047 - CELL OUTAGE END

Alarm	Attributes	Applicable major releases
Name: IK4905047 (3863) Type: equipmentAlarm (3) Package: lte Raised on class: lte.Cell	Severity: variable Specific problem: CELL OUTAGE END (1385) Implicitly cleared: true Default probable cause: unknown (1097)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This event indicates that the cell has started to provide telecom services.		
Impact: Telecom: no impact. OAM: No impact.		
Remedial action: No action is required.		

Table 28-1508 IK4905048 - OAM CELL EVENT 6

Alarm	Attributes	Applicable major releases
Name: IK4905048 (3864) Type: processingErrorAlarm (81) Package: lte Raised on class: lte.Cell	Severity: variable Specific problem: OAM CELL EVENT 6 (1386) Implicitly cleared: true Default probable cause: unknown (1097)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: Provisioned for late churn-in. This event is for future use.		
Impact: Unknown.		
Remedial action: No action is required.		

Table 28-1509 IK4905049 - OAM CELL EVENT 7

Alarm	Attributes	Applicable major releases
Name: IK4905049 (3865) Type: processingErrorAlarm (81) Package: lte Raised on class: lte.Cell	Severity: variable Specific problem: OAM CELL EVENT 7 (1387) Implicitly cleared: true Default probable cause: unknown (1097)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: Provisioned for late churn-in. This event is for future use.		
Impact: Unknown.		
Remedial action: No action is required.		

Table 28-1510 IK4905050 - MODULE WARM RESET

Alarm	Attributes	Applicable major releases
Name: IK4905050 (3866) Type: equipmentAlarm (3) Package: lte Raised on class: lte.BBCardSpecifics	Severity: variable Specific problem: MODULE WARM RESET (1388) Implicitly cleared: true Default probable cause: unknown (1097)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This event indicates a modem warm reset of the physical cell resource.		
Impact: Telecom: The affected hardware and the assigned cell is not operational. OAM: No impact on OAM service.		
Remedial action: No action is required.		

Table 28-1511 IK4905051 - LRA WARM RESET

Alarm	Attributes	Applicable major releases
Name: IK4905051 (3867) Type: equipmentAlarm (3) Package: lte Raised on class: lte.BBCardSpecifics	Severity: variable Specific problem: LRA WARM RESET (1389) Implicitly cleared: true Default probable cause: unknown (1097)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This event indicates a local recovery action of the modem physical cell resource.		
Impact: Telecom: Associated cell and calls are not operational. OAM: No impact		
Remedial action: No action is required.		

Table 28-1512 IK4905052 - CMS INIT START

Alarm	Attributes	Applicable major releases
Name: IK4905052 (3868) Type: processingErrorAlarm (81) Package: lte Raised on class: lte.ENBEquipment	Severity: variable Specific problem: CMS INIT START (1204) Implicitly cleared: true Default probable cause: operatorCommand (905)	<ul style="list-style-type: none"> • LR13.3
Description: This event indicates that operator certificate enrollment scenario started.		
Impact: No impact on eNodeB.		
Remedial action: No action is required.		

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Table 28-1513 IK4905053 - CMS INIT END

Alarm	Attributes	Applicable major releases
Name: IK4905053 (3869) Type: processingErrorAlarm (81) Package: lte Raised on class: lte.ENBEquipment	Severity: variable Specific problem: CMS INIT END (1390) Implicitly cleared: true Default probable cause: unknown (1097)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This event indicates that operator enrollment scenario ended.		
Impact: No impact on eNodeB.		
Remedial action: No action is required.		

Table 28-1514 IK4905054 - KEY UPDATE START

Alarm	Attributes	Applicable major releases
Name: IK4905054 (3870) Type: processingErrorAlarm (81) Package: lte Raised on class: lte.ENBEquipment	Severity: variable Specific problem: KEY UPDATE START (1391) Implicitly cleared: true Default probable cause: unknown (1097)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This event indicates that the key updated started.		
Impact: No impact on eNodeB.		
Remedial action: No action is required.		

Table 28-1515 IK4905055 - KEY UPDATE END

Alarm	Attributes	Applicable major releases
Name: IK4905055 (3871) Type: processingErrorAlarm (81) Package: lte Raised on class: lte.ENBEquipment	Severity: variable Specific problem: KEY UPDATE END (1392) Implicitly cleared: true Default probable cause: unknown (1097)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This event indicates that the key updated ended.		
Impact: No impact on eNodeB.		
Remedial action: No action is required.		

Table 28-1516 IK4905056 - NEW CERTIFICATE AVAILABLE

Alarm	Attributes	Applicable major releases
Name: IK4905056 (3872) Type: processingErrorAlarm (81) Package: lte Raised on class: lte.ENBEquipment	Severity: variable Specific problem: NEW CERTIFICATE AVAILABLE (1393) Implicitly cleared: true Default probable cause: configurationOrCustomizationError (902)	<ul style="list-style-type: none"> LR13.3
Description: This event indicates that new certificate was downloaded on eNB.		
Impact: No impact on eNodeB.		
Remedial action: No action is required.		

Table 28-1517 IK4905057 - DNS RESOLUTION ERROR

Alarm	Attributes	Applicable major releases
Name: IK4905057 (3873) Type: securityServiceOrMechanismViolation (92) Package: lte Raised on class: lte.ENBEquipment	Severity: variable Specific problem: DNS RESOLUTION ERROR (1239) Implicitly cleared: true Default probable cause: configurationOrCustomizationError (902)	<ul style="list-style-type: none"> LR13.3
Description: This event indicates that the searched item does not exist in DNS		
Impact: Depends on eNB configuration for certificate revocation (strictCrIPolicy parameter): either no impact (not strict..) or IPsec setup fails in which case there will be a separate alarm		
Remedial action: Check DNS configuration for HTTP URI-related records.		

Table 28-1518 IK4905058 - MF EVENT 1

Alarm	Attributes	Applicable major releases
Name: IK4905058 (4153) Type: processingErrorAlarm (81) Package: lte Raised on class: lte.MODULE	Severity: variable Specific problem: MF EVENT 1 (645) Implicitly cleared: true Default probable cause: communicationsProtocolError (901)	<ul style="list-style-type: none"> LR13.3
Description: Unspecified MF fault detected.		
Impact: Unknown.		
Remedial action: Unknown.		

Table 28-1519 IK4905059 - MF EVENT 2

Alarm	Attributes	Applicable major releases
Name: IK4905059 (4154) Type: processingErrorAlarm (81) Package: Ite Raised on class: Ite.MODULE	Severity: variable Specific problem: MF EVENT 2 (646) Implicitly cleared: true Default probable cause: communicationsProtocolError (901)	<ul style="list-style-type: none"> LR13.3
Description: Unspecified MF fault detected.		
Impact: Unknown.		
Remedial action: Unknown.		

Table 28-1520 IK4905060 - MF EVENT 3

Alarm	Attributes	Applicable major releases
Name: IK4905060 (4155) Type: processingErrorAlarm (81) Package: Ite Raised on class: Ite.MODULE	Severity: variable Specific problem: MF EVENT 3 (647) Implicitly cleared: true Default probable cause: communicationsProtocolError (901)	<ul style="list-style-type: none"> LR13.3
Description: Unspecified MF fault detected.		
Impact: Unknown.		
Remedial action: Unknown.		

Table 28-1521 IK4905061 - CONTROLLER OAM RESET AFTER RESTORE

Alarm	Attributes	Applicable major releases
Name: IK4905061 (4156) Type: equipmentAlarm (3) Package: Ite Raised on class: Ite.MODULE	Severity: variable Specific problem: CONTROLLER OAM RESET AFTER RESTORE (1363) Implicitly cleared: true Default probable cause: unknown (1097)	<ul style="list-style-type: none"> LR13.3 LR14.1.L LR14.3.L
Description: This event indicates that the controller board is reset to restore the configuration data.		
Impact: Telecom: All associated calls are lost. OAM: No impact on OAM service.		
Remedial action: No action is required.		

Table 28-1522 IK4905062 - CONTROLLER OAM RESET AFTER RESTORE WITH EMPTY DATABASE

Alarm	Attributes	Applicable major releases
Name: IK4905062 (4157) Type: equipmentAlarm (3) Package: Ite Raised on class: Ite.MODULE	Severity: variable Specific problem: CONTROLLER OAM RESET AFTER RESTORE WITH EMPTY DATABASE (1364) Implicitly cleared: true Default probable cause: unknown (1097)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This event indicates an OAM auto-reset with an empty database as the database was not restored properly.		
Impact: Telecom: All associated calls are lost. OAM: No impact on OAM service.		
Remedial action: No action is required.		

Table 28-1523 IK4905063 - DATABASE RECONFIGURATION RESET

Alarm	Attributes	Applicable major releases
Name: IK4905063 (4158) Type: communicationsAlarm (4) Package: Ite Raised on class: Ite.MODULE	Severity: variable Specific problem: DATABASE RECONFIGURATION RESET (1368) Implicitly cleared: true Default probable cause: unknown (1097)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This event indicates that a reset was performed due to a database reconfiguration.		
Impact: Telecom: All associated calls and cells are not operational during reset. On successful reset, all resources are functional. OAM: The OAM functionalities are not available during reset. On successful reset, the OAM functionalities are available.		
Remedial action: No action is required.		

Table 28-1524 IK4905064 - LRA RESET

Alarm	Attributes	Applicable major releases
Name: IK4905064 (4159) Type: equipmentAlarm (3) Package: Ite Raised on class: Ite.MODULE	Severity: variable Specific problem: LRA RESET (1365) Implicitly cleared: true Default probable cause: unknown (1097)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This event indicates the reset due to a local recovery action.		
Impact: Telecom: All associated calls and cells are not operational during reset. On successful reset, all resources are functional. OAM: The OAM functionalities are not available during reset. On successful reset, the OAM functionalities are available.		
Remedial action: No action is required.		

Table 28-1525 IK4905065 - LRA WARM RESET

Alarm	Attributes	Applicable major releases
Name: IK4905065 (4160) Type: equipmentAlarm (3) Package: Ite Raised on class: Ite.MODULE	Severity: variable Specific problem: LRA WARM RESET (1389) Implicitly cleared: true Default probable cause: unknown (1097)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This event indicates a local recovery action of the modem physical cell resource.		
Impact: Telecom: Associated cell and calls are not operational. OAM: No impact		
Remedial action: No action is required.		

Table 28-1526 IK4905066 - MAIN ANTENNA POSITION CHANGE

Alarm	Attributes	Applicable major releases
Name: IK4905066 (4161) Type: equipmentAlarm (3) Package: Ite Raised on class: Ite.MODULE	Severity: variable Specific problem: MAIN ANTENNA POSITION CHANGE (1373) Implicitly cleared: true Default probable cause: unknown (1097)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This event indicates that the main RFME antenna position coordinates have changed. The GPS antenna of the eNodeB has been moved or the mainAntennaPositionDeltaX/Y/Z values have been reconfigured.		
Impact: No impact on eNodeB.		
Remedial action: No action is required.		

Table 28-1527 IK4905067 - MAIN ANTENNA POSITION ERROR

Alarm	Attributes	Applicable major releases
Name: IK4905067 (4162) Type: equipmentAlarm (3) Package: Ite Raised on class: Ite.MODULE	Severity: variable Specific problem: MAIN ANTENNA POSITION ERROR (1374) Implicitly cleared: true Default probable cause: unknown (1097)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This event indicates that the main RFME antenna position coordinates might not be correct.		
Impact: Location fix of UEs might be inaccurate.		
Remedial action: No action is required.		

Table 28-1528 IK4905068 - MODULE RESET

Alarm	Attributes	Applicable major releases
Name: IK4905068 (4163) Type: equipmentAlarm (3) Package: Ite Raised on class: Ite.MODULE	Severity: variable Specific problem: MODULE RESET (1366) Implicitly cleared: true Default probable cause: unknown (1097)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This event indicates the reset command by the operator.		
Impact: Telecom: All associated calls and cells are not operational during reset. On successful reset, all resources are functional. OAM: The OAM functionalities are not available during reset. On successful reset, the OAM functionalities are available.		
Remedial action: No action is required.		

Table 28-1529 IK4905069 - MODULE WARM RESET

Alarm	Attributes	Applicable major releases
Name: IK4905069 (4164) Type: equipmentAlarm (3) Package: Ite Raised on class: Ite.MODULE	Severity: variable Specific problem: MODULE WARM RESET (1388) Implicitly cleared: true Default probable cause: unknown (1097)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This event indicates a modem warm reset of the physical cell resource.		
Impact: Telecom: The affected hardware and the assigned cell is not operational. OAM: No impact on OAM service.		
Remedial action: No action is required.		

Table 28-1530 IK4905070 - RESET CONTROLLER OAM ON OPERATOR REQUEST

Alarm	Attributes	Applicable major releases
Name: IK4905070 (4165) Type: equipmentAlarm (3) Package: Ite Raised on class: Ite.MODULE	Severity: variable Specific problem: RESET CONTROLLER OAM ON OPERATOR REQUEST (1362) Implicitly cleared: true Default probable cause: unknown (1097)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This event indicates the reset command by the operator.		
Impact: Telecom: All associated calls are lost. OAM: No impact on OAM service.		
Remedial action: No action is required.		

Table 28-1531 IK4905071 - RESET OAM ON OPERATOR REQUEST

Alarm	Attributes	Applicable major releases
Name: IK4905071 (4166) Type: equipmentAlarm (3) Package: Ite Raised on class: Ite.MODULE	Severity: variable Specific problem: RESET OAM ON OPERATOR REQUEST (1361) Implicitly cleared: true Default probable cause: unknown (1097)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This event indicates the reset command by the operator.		
Impact: Telecom: All associated calls are lost. OAM: No impact on OAM service.		
Remedial action: No action is required.		

Table 28-1532 IK4905072 - RESET ON OPERATOR REQUEST

Alarm	Attributes	Applicable major releases
Name: IK4905072 (4167) Type: equipmentAlarm (3) Package: Ite Raised on class: Ite.MODULE	Severity: variable Specific problem: RESET ON OPERATOR REQUEST (1360) Implicitly cleared: true Default probable cause: unknown (1097)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This event indicates the reset command by the operator.		
Impact: Telecom: All associated calls are lost. OAM: No impact on OAM service.		
Remedial action: No action is required.		

Table 28-1533 IK4905073 - LRA RESET

Alarm	Attributes	Applicable major releases
Name: IK4905073 (4168) Type: equipmentAlarm (3) Package: Ite Raised on class: Ite.RFME	Severity: variable Specific problem: LRA RESET (1365) Implicitly cleared: true Default probable cause: unknown (1097)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This event indicates the reset due to a local recovery action.		
Impact: Telecom: All associated calls and cells are not operational during reset. On successful reset, all resources are functional. OAM: The OAM functionalities are not available during reset. On successful reset, the OAM functionalities are available.		
Remedial action: No action is required.		

Table 28-1534 IK4905077 - SIM HEALTH CHECK - TX PWR FAILED

Alarm	Attributes	Applicable major releases
Name: IK4905077 (4787) Type: processingErrorAlarm (81) Package: Ite Raised on class: Ite.Cell	Severity: critical Specific problem: SIM HEALTH CHECK - TX PWR FAILED (1238) Implicitly cleared: true Default probable cause: softwareProgramError (720)	<ul style="list-style-type: none"> LR13.3
Description: This alarm indicates that the System Integrity Monitor monitoring the health of the eNodeB has detected a degradation. Depending on the severity of the degradation, local recovery actions may be taken.		
Impact: Telecom service is impaired on the cell.		
Remedial action: If the alarm persists, the cell may need to be reinitialized.		

Table 28-1535 IK4905080 - LOGICAL RESET AND RF RECONF DUE TO ON-LINE B-CELL+RF(s) CLASS PARAMETER UPDATE

Alarm	Attributes	Applicable major releases
Name: IK4905080 (4788) Type: processingErrorAlarm (81) Package: Ite Raised on class: Ite.Cell	Severity: variable Specific problem: LOGICAL RESET AND RF RECONF DUE TO ON-LINE B-CELL+RF(s) CLASS PARAMETER UPDATE (1240) Implicitly cleared: true Default probable cause: configurationOrCustomizationError (902)	<ul style="list-style-type: none"> LR13.3
Description: This event indicates the LTE Cell is logically reset and the RF is reconfigured during parameter update procedure.		
Impact: The LTE Cell is reset and the RF is reconfigured, releasing all calls handled on this cell. The cell is then back into service with new values of the parameters.		
Remedial action: None.		

Table 28-1536 IK4905083 - AUTOMATED HANDOVER PARAMETER ADJUSTMENT COMPLETED

Alarm	Attributes	Applicable major releases
Name: IK4905083 (4789) Type: processingErrorAlarm (81) Package: Ite Raised on class: Ite.Cell	Severity: variable Specific problem: AUTOMATED HANDOVER PARAMETER ADJUSTMENT COMPLETED (1394) Implicitly cleared: true Default probable cause: unknown (1097)	<ul style="list-style-type: none"> LR13.3 LR14.1.L LR14.3.L
Description: This event indicates the SON process that automatically adjusts intra-frequency handover parameters has no further adjustments to make.		
Impact: The cell will not initiate further HO parameter adjustments unless HO performance degrades more than a configurable amount or the operator manually triggers the MRO feature to attempt further adjustments.		
Remedial action: No action is required.		

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Table 28-1537 IK4905086 - BBU POSITION CHANGE

Alarm	Attributes	Applicable major releases
Name: IK4905086 (4790) Type: equipmentAlarm (3) Package: Ite Raised on class: Ite.MODULE	Severity: variable Specific problem: BBU POSITION CHANGE (1371) Implicitly cleared: true Default probable cause: unknown (1097)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This event indicates that the BBU position coordinates have changed.		
Impact: No impact on eNodeB.		
Remedial action: No action is required.		

Table 28-1538 IK4905087 - BBU POSITION ERROR

Alarm	Attributes	Applicable major releases
Name: IK4905087 (4791) Type: equipmentAlarm (3) Package: Ite Raised on class: Ite.MODULE	Severity: variable Specific problem: BBU POSITION ERROR (1372) Implicitly cleared: true Default probable cause: unknown (1097)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This event indicates that the BBU position coordinates might not be correct.		
Impact: Configured coordinates of the BBU might not be correct.		
Remedial action: No action is required.		

Table 28-1539 IK4906001 - THREE UNSUCCESSFUL LOGIN ATTEMPTS

Alarm	Attributes	Applicable major releases
Name: IK4906001 (2831) Type: securityServiceOrMechanismViolation (92) Package: Ite Raised on class: Ite.ENBEquipment	Severity: variable Specific problem: THREE UNSUCCESSFUL LOGIN ATTEMPTS (1395) Implicitly cleared: true Default probable cause: unknown (1097)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This event indicates that the user failed to log into the eNodeB through SSH or CLI for three times in a span of 10 minutes.		
Impact: No impact on eNodeB.		
Remedial action: No action is required.		

Table 28-1540 IK4906002 - SUCCESSFUL LOGIN

Alarm	Attributes	Applicable major releases
Name: IK4906002 (2832) Type: securityServiceOrMechanismViolation (92) Package: Ite Raised on class: Ite.ENBEquipment	Severity: variable Specific problem: SUCCESSFUL LOGIN (1396) Implicitly cleared: true Default probable cause: unknown (1097)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This event indicates that the user successfully logged into the eNodeB through SSH or CLI.		
Impact: No impact on eNodeB.		
Remedial action: No action is required.		

Table 28-1541 IK4906003 - UNSUCCESSFUL LOGIN ATTEMPT

Alarm	Attributes	Applicable major releases
Name: IK4906003 (2833) Type: securityServiceOrMechanismViolation (92) Package: Ite Raised on class: Ite.ENBEquipment	Severity: variable Specific problem: UNSUCCESSFUL LOGIN ATTEMPT (1397) Implicitly cleared: true Default probable cause: unknown (1097)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This event indicates that the user failed to log into the eNodeB through SSH or CLI.		
Impact: No impact on eNodeB.		
Remedial action: No action is required.		

Table 28-1542 IK4906004 - SUCCESSFUL ROLE CHANGE

Alarm	Attributes	Applicable major releases
Name: IK4906004 (2834) Type: securityServiceOrMechanismViolation (92) Package: Ite Raised on class: Ite.ENBEquipment	Severity: variable Specific problem: SUCCESSFUL ROLE CHANGE (1398) Implicitly cleared: true Default probable cause: unknown (1097)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This event indicates that the user successfully changed roles on the eNodeB.		
Impact: No impact on eNodeB.		
Remedial action: No action is required.		

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Table 28-1543 IK4906005 - UNSUCCESSFUL ROLE CHANGE

Alarm	Attributes	Applicable major releases
Name: IK4906005 (2835) Type: securityServiceOrMechanismViolation (92) Package: Ite Raised on class: Ite.ENBEquipment	Severity: variable Specific problem: UNSUCCESSFUL ROLE CHANGE (1399) Implicitly cleared: true Default probable cause: unknown (1097)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This event indicates the failure to change the user role on the eNodeB.		
Impact: No impact on eNodeB.		
Remedial action: No action is required.		

Table 28-1544 IK4906006 - ETHERNET CABLE CONNECTED

Alarm	Attributes	Applicable major releases
Name: IK4906006 (2836) Type: physicalViolation (91) Package: Ite Raised on class: Ite.ENBEquipment	Severity: variable Specific problem: ETHERNET CABLE CONNECTED (1400) Implicitly cleared: true Default probable cause: unknown (1097)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This event indicates that an Ethernet cable is connected to a port on the eNodeB.		
Impact: No impact on eNodeB.		
Remedial action: No action is required.		

Table 28-1545 IK4906007 - ETHERNET CABLE DISCONNECTED

Alarm	Attributes	Applicable major releases
Name: IK4906007 (2837) Type: physicalViolation (91) Package: Ite Raised on class: Ite.ENBEquipment	Severity: variable Specific problem: ETHERNET CABLE DISCONNECTED (1401) Implicitly cleared: true Default probable cause: unknown (1097)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This event indicates that an Ethernet cable is disconnected from a port on the eNodeB.		
Impact: Telecom outage: Loss of S1 and SyncE (if used). All associated calls are lost, there is an impact on user plane and control plane.		
Remedial action: No action is required.		

Table 28-1546 IK4906008 - SECURITY LOG ROLLED OVER

Alarm	Attributes	Applicable major releases
Name: IK4906008 (2838) Type: integrityViolation (85) Package: Ite Raised on class: Ite.ENBEquipment	Severity: variable Specific problem: SECURITY LOG ROLLED OVER (1402) Implicitly cleared: true Default probable cause: unknown (1097)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This event indicates that a security log is rolled over.		
Impact: No impact on eNodeB.		
Remedial action: No action is required.		

Table 28-1547 IK4906010 - AUTHORIZATION LOG READ FAILURE

Alarm	Attributes	Applicable major releases
Name: IK4906010 (3302) Type: integrityViolation (85) Package: Ite Raised on class: Ite.ENBEquipment	Severity: variable Specific problem: AUTHORIZATION LOG READ FAILURE (1404) Implicitly cleared: true Default probable cause: unknown (1097)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This event indicates a failure to read the SSH authorization log. The eNodeB is unable to log login attempts.		
Impact: No impact on eNodeB.		
Remedial action: No action is required.		

Table 28-1548 IK4906011 - NEW CERTIFICATE AVAILABLE

Alarm	Attributes	Applicable major releases
Name: IK4906011 (5385) Type: processingErrorAlarm (81) Package: Ite Raised on class: Ite.ENBEquipment	Severity: variable Specific problem: NEW CERTIFICATE AVAILABLE (1393) Implicitly cleared: true Default probable cause: unknown (1097)	<ul style="list-style-type: none"> • LR14.1.L • LR14.3.L
Description: This event indicates that new certificate was downloaded on eNB.		
Impact: No impact on eNodeB.		
Remedial action: No action is required.		

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Table 28-1549 IK4906012 - DNS SERVICE UNAVAILABLE

Alarm	Attributes	Applicable major releases
Name: IK4906012 (5386) Type: securityServiceOrMechanismViolation (92) Package: lte Raised on class: lte.ENBEquipment	Severity: major Specific problem: DNS SERVICE UNAVAILABLE (1169) Implicitly cleared: true Default probable cause: communicationsSubsystemFailure (915)	<ul style="list-style-type: none"> • LR14.1.L • LR14.3.L
Description: This alarm indicates that No DNS server at all is available for resolving a symbolic address to a numeric IP address		
Impact: The IPsec tunnel cannot be setup since IKEv2 fails.		
Remedial action: Check the state of DNS server(s) and the state of the comm. network between eNB and DNS		

Table 28-1550 IncompleteConfiguration

Alarm	Attributes	Applicable major releases
Name: IncompleteConfiguration (1942) Type: operationalViolation (93) Package: netw Raised on class: netw.NetworkElement	Severity: warning Implicitly cleared: true Default probable cause: incompleteConfig (225)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: The alarm is raised when a pre-provisioned NE has no objects configured beneath it.		
Raising condition: (('State' EQUAL 'Pre-provisioned') AND ('eNodeB Equipment' EQUAL '\'))		
Clearing condition: (('State' EQUAL 'Pre-provisioned') AND ('eNodeB Equipment' NOT EQUAL '\'))		
Remedial action: A configuration error has been made which must be corrected. The configuration of the pre-provisioned NE is incomplete. A work order was not associated with the pre-provisioned NE and as a consequence the attempt to auto-configure the NE failed.		

Table 28-1551 LagPortAddFailed

Alarm	Attributes	Applicable major releases
Name: LagPortAddFailed (422) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.PhysicalPort	Severity: warning Implicitly cleared: true Default probable cause: linkDown (315)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: The alarm is raised when the Lag Port Add function Fails.		
Raising condition: (('state' EQUAL 'Link Down') AND ('LAG ID' > '0'))		
Clearing condition: (('state' NOT EQUAL 'Link Down') OR ('LAG ID' EQUAL '0'))		
Remedial action: A configuration error has occurred which must be corrected. The link that was to be added to the LAG group may be of the wrong type (i.e. non ethernet) or the limit of the number of links supported in a LAG may have been reached.		

Table 28-1552 LicensedLimitExceeded

Alarm	Attributes	Applicable major releases
Name: LicensedLimitExceeded (127) Type: licensingAlarm (23) Package: security Raised on class: security.ProductLicense	Severity: critical Implicitly cleared: true Default probable cause: licensedLimitExceeded (106)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: The alarm is raised when the license items in the network exceeds 100 percent of the license capacity.		
Raising condition: ('Exceeded' EQUAL 'true')		
Clearing condition: ('Exceeded' NOT EQUAL 'true')		
Remedial action: Informational - The number of SAM licenses purchased and available on the SAM server is insufficient as compared to the number of NEs/MDA/Cells under management in the network. Please contact Alcatel-Lucent Sales to purchase additional licenses.		

Table 28-1553 LinkDown (equipment)

Alarm	Attributes	Applicable major releases
Name: LinkDown (12) Type: communicationsAlarm (4) Package: equipment Raised on class: equipment.Equipment	Severity: major Implicitly cleared: true Default probable cause: portLinkProblem (10)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: The alarm is raised when a port has no associated physical link or remote end point is operationally down.		
Raising condition: (('compositeEquipmentState' EQUAL 'Link Down') OR ('compositeEquipmentState' EQUAL 'Oper Down'))		
Clearing condition: (('compositeEquipmentState' NOT EQUAL 'Link Down') AND ('compositeEquipmentState' NOT EQUAL 'Oper Down'))		
Remedial action: Please make sure that port has physical link and remote end point is operationally up.		

Table 28-1554 LowTemperatureDetected

Alarm	Attributes	Applicable major releases
Name: LowTemperatureDetected (1127) Type: environmentalAlarm (2) Package: equipment Raised on class: equipment.Shelf	Severity: major Implicitly cleared: true Default probable cause: equipmentOvercooled (838)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: The alarm is raised when the chassis temperature falls below the minimum threshold.		
Raising condition: ('Low Temperature State' EQUAL 'Low')		
Clearing condition: ('Low Temperature State' NOT EQUAL 'Low')		
Remedial action: The NE has detected internal temperatures which are abnormally low. This may happen when the environment that the NE is operating in may not be within specifications found in the NE user guides.		

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Table 28-1555 LTECellAdminDown - LTE Cell LOCKED BY OPERATOR

Alarm	Attributes	Applicable major releases
Name: LTECellAdminDown (1471) Type: equipmentAlarm (3) Package: Ite Raised on class: Ite.Cell	Severity: warning Specific problem: LTE Cell LOCKED BY OPERATOR (1927) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: The alarm is raised when an LTE Cell Administrative State is down.		
Raising condition: (('administrativeState' NOT EQUAL 'Unlocked'))		
Clearing condition: (('administrativeState' EQUAL 'Unlocked'))		
Remedial action: Informational - no corrective action required.		

Table 28-1556 LTECellDegradedOrFaulty - LTE Cell DEGRADED OR FAULTY

Alarm	Attributes	Applicable major releases
Name: LTECellDegradedOrFaulty (8023) Type: equipmentAlarm (3) Package: Ite Raised on class: Ite.Cell	Severity: major Specific problem: LTE Cell DEGRADED OR FAULTY (1928) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: The alarm is raised when an LTE Cell is not fully available.		
Raising condition: (('availabilityStatus'anyBit'Faulty') OR ('availabilityStatus'anyBit'Degraded'))		
Clearing condition: NOT (('availabilityStatus'anyBit'Faulty') OR ('availabilityStatus'anyBit'Degraded'))		
Remedial action: The Cell is not fully available. AvailabilityStatus value and Additional attributes may indicate the nature and cause of the issue.		

Table 28-1557 LTECellDown - LTE Cell DOWN

Alarm	Attributes	Applicable major releases
Name: LTECellDown (1472) Type: equipmentAlarm (3) Package: Ite Raised on class: Ite.Cell	Severity: critical Specific problem: LTE Cell DOWN (1929) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: The alarm is raised when an LTE Cell is operationally down and availability status is failed or dependency.		
Raising condition: (('operationalState' EQUAL 'Disabled') AND ('administrativeState' EQUAL 'Unlocked') AND (('availabilityStatus'anyBit'Failed') OR ('availabilityStatus'anyBit'Dependency'))		

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Alarm	Attributes	Applicable major releases
Clearing condition: (('administrativeState' EQUAL 'Locked') OR ('operationalState' EQUAL 'Enabled') OR NOT (('availabilityStatus'anyBit'Failed') OR ('availabilityStatus'anyBit'Dependency'))))		
Remedial action: The Cell is inoperable. Additional attributes may indicate the nature and cause of the issue.		

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Table 28-1558 M3MmeAccessAdminDown - M3MmeAccess LOCKED BY OPERATOR

Alarm	Attributes	Applicable major releases
Name: M3MmeAccessAdminDown (4792) Type: equipmentAlarm (3) Package: lte Raised on class: lte.M3MmeAccess	Severity: warning Specific problem: M3MmeAccess LOCKED BY OPERATOR (1930) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: The alarm is raised when an M3MmeAccess Administrative State is down.		
Raising condition: (('Administrative State' NOT EQUAL 'Unlocked'))		
Clearing condition: (('Administrative State' EQUAL 'Unlocked'))		
Remedial action: Informational - no corrective action required.		

Table 28-1559 M3MmeAccessDegradedOrFaulty - M3MmeAccess DEGRADED OR FAULTY

Alarm	Attributes	Applicable major releases
Name: M3MmeAccessDegradedOrFaulty (8024) Type: equipmentAlarm (3) Package: lte Raised on class: lte.M3MmeAccess	Severity: major Specific problem: M3MmeAccess DEGRADED OR FAULTY (1931) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: The alarm is raised when an M3MmeAccess is not fully available.		
Raising condition: (('Availability Status'anyBit'Faulty') OR ('Availability Status'anyBit'Degraded'))		
Clearing condition: NOT (('Availability Status'anyBit'Faulty') OR ('Availability Status'anyBit'Degraded'))		
Remedial action: The Equipment is not fully available. AvailabilityStatus value and Additional attributes may indicate the nature and cause of the issue.		

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Table 28-1560 M3MmeAccessDown - M3MmeAccess DOWN

Alarm	Attributes	Applicable major releases
Name: M3MmeAccessDown (4793) Type: equipmentAlarm (3) Package: lte Raised on class: lte.M3MmeAccess	Severity: critical Specific problem: M3MmeAccess DOWN (1932) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: The alarm is raised when an M3MmeAccess is operationally down.		
Raising condition: (('Operational State' EQUAL 'Disabled') AND ('Administrative State' EQUAL 'Unlocked') AND (('Availability Status'anyBit'Failed') OR ('Availability Status'anyBit'Dependency')))		
Clearing condition: (('Administrative State' EQUAL 'Locked') OR ('Operational State' EQUAL 'Enabled') OR NOT (('Availability Status'anyBit'Failed') OR ('Availability Status'anyBit'Dependency')))		
Remedial action: The Equipment is inoperable. Additional attributes may indicate the nature and cause of the issue.		

Table 28-1561 MmeAccessAdminDown - MmeAccess LOCKED BY OPERATOR

Alarm	Attributes	Applicable major releases
Name: MmeAccessAdminDown (1523) Type: equipmentAlarm (3) Package: lte Raised on class: lte.MmeAccess	Severity: warning Specific problem: MmeAccess LOCKED BY OPERATOR (1933) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: The alarm is raised when an MME Access Administrative State is down.		
Raising condition: (('Administrative State' NOT EQUAL 'Unlocked'))		
Clearing condition: (('Administrative State' EQUAL 'Unlocked'))		
Remedial action: Informational - no corrective action required.		

Table 28-1562 MmeAccessDegradedOrFaulty - MmeAccess DEGRADED OR FAULTY

Alarm	Attributes	Applicable major releases
Name: MmeAccessDegradedOrFaulty (8025) Type: equipmentAlarm (3) Package: lte Raised on class: lte.MmeAccess	Severity: major Specific problem: MmeAccess DEGRADED OR FAULTY (1934) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: The alarm is raised when an MME Access is not fully available.		
Raising condition: (('Availability Status'anyBit'Faulty') OR ('Availability Status'anyBit'Degraded'))		

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Alarm	Attributes	Applicable major releases
Clearing condition: NOT (('Availability Status'anyBit'Faulty') OR ('Availability Status'anyBit'Degraded'))		
Remedial action: The Equipment is not fully available. AvailabilityStatus value and Additional attributes may indicate the nature and cause of the issue.		

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Table 28-1563 MmeAccessDown - MmeAccess DOWN

Alarm	Attributes	Applicable major releases
Name: MmeAccessDown (1524) Type: equipmentAlarm (3) Package: lte Raised on class: lte.MmeAccess	Severity: critical Specific problem: MmeAccess DOWN (1935) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: The alarm is raised when an MME Access is operationally down.		
Raising condition: (('Operational State' EQUAL 'Disabled') AND ('Administrative State' EQUAL 'Unlocked') AND (('Availability Status'anyBit'Failed') OR ('Availability Status'anyBit'Dependency')))		
Clearing condition: (('Administrative State' EQUAL 'Locked') OR ('Operational State' EQUAL 'Enabled') OR NOT (('Availability Status'anyBit'Failed') OR ('Availability Status'anyBit'Dependency')))		
Remedial action: The Equipment is inoperable. Additional attributes may indicate the nature and cause of the issue.		

Table 28-1564 MobileConnectorDown

Alarm	Attributes	Applicable major releases
Name: MobileConnectorDown (1064) Type: EpcAlarm (59) Package: lteservice Raised on class: lteservice.MobileServiceConnector	Severity: minor Implicitly cleared: true Default probable cause: EpcDown (519)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: The alarm is raised when the 5620 SAM no longer manages the EPS path instance of this mobile service site. As a result, the service must be regenerated.		
Raising condition: ('EPS Path' EQUAL "\")		
Clearing condition: ('EPS Path' NOT EQUAL "\")		
Remedial action: The underlying transport network has gone down resulting in the deletion of a mobile service connector (EPS path). Correct the issue with the transport network and regenerate the mobile service connector by clicking on the re-calculate button on the mobile service properties form.		

Table 28-1565 MonitoredLinkStatusError

Alarm	Attributes	Applicable major releases
Name: MonitoredLinkStatusError (4796) Type: processingErrorAlarm (81) Package: lte Raised on class: lte.ENBEquipment	Severity: major Implicitly cleared: true Default probable cause: corruptData (910)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This alarm is raised when the Network Element is reachable but the monitoring of link status fails. This alarm can be raised when several managers are managing a given Network Element which is not able to support multiple managers. The alarm can also be raised if the identifier of Network Element does not match the identifier in the Network Element managed in SAM. It is automatically cleared when the monitoring of the link status succeeds.		
Raising condition: ('OAM Link Status' EQUAL 'Down')		
Clearing condition: ('OAM Link Status' EQUAL 'Up')		
Remedial action: Network Element is reachable but the monitoring of link status fails		

Table 28-1566 NeManagementAndTrapManagementMismatch

Alarm	Attributes	Applicable major releases
Name: NeManagementAndTrapManagementMismatch (1079) Type: communicationsAlarm (4) Package: netw Raised on class: netw.NetworkElement	Severity: warning Implicitly cleared: true Default probable cause: neManagementChange (817)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This user-defined alarm is raised when the NE configuration is one of the following: - The Active Management IP is set to Out Of Band, and the Primary Route Preference is set to In Band. - The Active Management IP is set to In Band, and the Primary Route Preference is set to Out of Band.		
Raising condition: (((('Active Management IP' EQUAL 'In Band') AND (('Management IP Selection' EQUAL 'In Band Preferred') OR ('Management IP Selection' EQUAL 'In Band Only'))) AND ('Primary Route Preference' EQUAL 'Out Of Band') AND ('Secondary Route Preference' EQUAL 'In Band')) OR (('Active Management IP' EQUAL 'Out Of Band') AND (('Management IP Selection' EQUAL 'Out Of Band Preferred') OR ('Management IP Selection' EQUAL 'Out Of Band Only'))) AND ('Primary Route Preference' EQUAL 'In Band') AND ('Secondary Route Preference' EQUAL 'Out Of Band'))		
Clearing condition: (((('Active Management IP' EQUAL 'In Band') AND (('Management IP Selection' EQUAL 'In Band Preferred') OR ('Management IP Selection' EQUAL 'In Band Only'))) AND ('Primary Route Preference' EQUAL 'In Band')) OR (('Active Management IP' EQUAL 'Out Of Band') AND (('Management IP Selection' EQUAL 'Out Of Band Preferred') OR ('Management IP Selection' EQUAL 'Out Of Band Only'))) AND ('Primary Route Preference' EQUAL 'Out Of Band'))		
Remedial action: A configuration error has been made which must be corrected. The parameters described in the description for this alarm must match.		

Table 28-1567 NewSsh2ServerKeyDetected

Alarm	Attributes	Applicable major releases
Name: NewSsh2ServerKeyDetected (285) Type: communicationsAlarm (4) Package: security Raised on class: security.KnownHostKey	Severity: warning Implicitly cleared: true Default probable cause: ssh2ServerKeyMismatch (217)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: The alarm is raised when a 5620 SAM main server detects a new public SSH key.		
Raising condition: ('SSH2 Server Key Status' EQUAL 'Mismatch SSH2 Host Key')		
Clearing condition: ('SSH2 Server Key Status' EQUAL 'Active SSH2 Host Key')		
Remedial action: Informational - possible security breach. The SSH key of the router is different from the one known to the SAM server.		

Table 28-1568 NodeDatabaseFallbackDetected

Alarm	Attributes	Applicable major releases
Name: NodeDatabaseFallbackDetected (2923) Type: communicationsAlarm (4) Package: netw Raised on class: netw.NetworkElement	Severity: major Implicitly cleared: true Default probable cause: nodeDatabaseFallback (1121)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: The alarm is raised when a configuration fallback is detected on the node and comes back up with a previous configuration. To correct this situation it might be necessary to reconfigure the node, or perform full resync its database with the 'fallback' configuration returned by the node.		
Raising condition: ('State' EQUAL 'Node Configuration Fallback')		
Clearing condition: ('State' EQUAL 'Managed')		
Remedial action: the NE has come back to a previous configuration. Perform a manual Full Resync or a Reconfigure of the NE		

Table 28-1569 NodeDatabaseMisalignmentDetected

Alarm	Attributes	Applicable major releases
Name: NodeDatabaseMisalignmentDetected (2924) Type: communicationsAlarm (4) Package: netw Raised on class: netw.NetworkElement	Severity: major Implicitly cleared: true Default probable cause: nodeDatabaseMisalignment (1122)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: The alarm is raised when a configuration misalignment has been detected on the node and comes back up with an unexpected configuration (configuration change triggered by external tool) To correct this situation it might be necessary to reconfigure the node with the 5620 SAM's old configuration or accept the new configuration received from the node.		
Raising condition: ('State' EQUAL 'Node Configuration Misalignment')		
Clearing condition: ('State' EQUAL 'Managed')		
Remedial action: the NE configuration is misaligned. Perform a resync in order to update SAM configuration according to the NE.		

Table 28-1570 NodeRebooted

Alarm	Attributes	Applicable major releases
Name: NodeRebooted (32) Type: equipmentAlarm (3) Package: netw Raised on class: netw.NetworkElement	Severity: warning Implicitly cleared: false Default probable cause: nodeReboot (25)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: The alarm is raised when the 5620 SAM detects an NE reboot based on the latest NE sysUpTime value.		
Remedial action: Informational - if the alarm persists please contact Alcatel-Lucent support for assistance		

Table 28-1571 NodeSuspended

Alarm	Attributes	Applicable major releases
Name: NodeSuspended (5123) Type: communicationsAlarm (4) Package: netw Raised on class: netw.NetworkElement	Severity: critical Implicitly cleared: true Default probable cause: NodeSuspend (2057)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: The alarm is raised when the 5620 SAM detects an NE moved to suspend state as per user request.		
Raising condition: ('SNMP Reachability' EQUAL 'Suspended')		
Clearing condition: ('SNMP Reachability' NOT EQUAL 'Suspended')		
Remedial action: This alarm is raised when user suspends the network element. The alarm will be cleared when the network element is managed back.		

Table 28-1572 OrphanNodeDetected

Alarm	Attributes	Applicable major releases
Name: OrphanNodeDetected (4866) Type: discoveryControlAlarm (33) Package: netw Raised on class: netw.AdvertisedNode	Severity: major Implicitly cleared: true Default probable cause: nodeNotMangedByAnyEms (1934)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: The alarm is raised when node is node managed by any EMS after n retries(threshold crossed) it is manually cleared by the operator or when the node is discovered.		
Raising condition: ('State' EQUAL 'Orphan')		
Remedial action: The NE is not managed by any SAM. Add an discovery rule in order to managed it.		

Table 28-1573 OutOfService

Alarm	Attributes	Applicable major releases
Name: OutOfService (4385) Type: equipmentAlarm (3) Package: netw Raised on class: netw.NetworkElement	Severity: critical Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: The alarm is raised when an Equipment is detected as Out Of Service. For an ENB: the supervision link is down and all S1c Links between the ENB and its MMEs are down.		
Remedial action: The NE is Out of Service. Investigate on Site.		

Table 28-1574 OverTemperatureDetected

Alarm	Attributes	Applicable major releases
Name: OverTemperatureDetected (388) Type: environmentalAlarm (2) Package: equipment Raised on class: equipment.Shelf	Severity: major Implicitly cleared: true Default probable cause: equipmentOverheated (5)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: The alarm is raised when the chassis temperature exceeds the maximum threshold value.		
Raising condition: ('Over Temperature State' EQUAL 'Over')		
Clearing condition: ('Over Temperature State' NOT EQUAL 'Over')		
Remedial action: The NE has detected internal temperatures which are abnormally high. This could be caused by a failed fan unit or one or more dirty fan filters. Replacing the failed unit or filters should resolve the problem. Alternately the environment that the NE is operating in may not be within specifications found in the NE user guides.		

Table 28-1575 PartialResyncProblem

Alarm	Attributes	Applicable major releases
Name: PartialResyncProblem (4401) Type: communicationsAlarm (4) Package: netw Raised on class: netw.NetworkElement	Severity: warning Implicitly cleared: true Default probable cause: partialResyncProblem (1578)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: The alarm is raised when a partial resync on an NE fails. For example, when resyncing only some MIB entries as opposed to a full resync. The periodic reachability test (sysUpTime) is not considered a partial resync, neither is a full resync. However, a PartialResyncProblem alarm can only be reset by a FullResync.		
Raising condition: ('partialResyncStatus' EQUAL 'Partial Resync Failed')		
Clearing condition: ('partialResyncStatus' EQUAL 'Partial Resync Done')		
Remedial action: Informational - if the alarm persists or is occurring frequently then investigation is required to understand a) why the underlying transport network is unreliable or b) why the NE is too busy to respond to 5620 SAM or c) has SNMP been disabled on the NE.		

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Table 28-1576 PersistentIndexParametersMisconfigured

Alarm	Attributes	Applicable major releases
Name: PersistentIndexParametersMisconfigured (173) Type: configurationAlarm (11) Package: netw Raised on class: netw.NetworkElement	Severity: major Implicitly cleared: true Default probable cause: persistentIndexConfigurationMismatch (136)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: The alarm is raised when persistence is set to Off in the NE BOF.		
Raising condition: (('Persistent SNMP Indices' EQUAL 'False') OR (('hasRedundantProcessorCards' EQUAL 'true') AND ('Redundant Synchronization Mode' EQUAL 'None')))		
Clearing condition: (('Persistent SNMP Indices' EQUAL 'True') AND (('hasRedundantProcessorCards' EQUAL 'false') OR ('Redundant Synchronization Mode' NOT EQUAL 'None')))		
Remedial action: A configuration error has occurred that must be corrected. Use the CLI on the NE to enable persistency in the BOF. The discovery process will complete on the next discovery scan. A re-scan can be triggered immediately for the NE from within the discovery manager		

Table 28-1577 PMCMaxResultStringBlockSizeNotOptimum

Alarm	Attributes	Applicable major releases
Name: PMCMaxResultStringBlockSizeNotOptimum (2922) Type: performanceOptimization (97) Package: lte Raised on class: lte.ENBEquipment	Severity: warning Implicitly cleared: true Default probable cause: wrongValue (1120)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This alarm is raised when the PM maximum block size that will be transferred in one SNMP request is set to a value less than an optimum value of 6000 bytes. NOTE that the node's default value can be lower than 6000 bytes.		
Raising condition: ('pmcMaxResultStringBlockSize' < '6000')		
Clearing condition: ('pmcMaxResultStringBlockSize' >= '6000')		
Remedial action: Set blocksize to the recommended value.		

Table 28-1578 PollerProblem

Alarm	Attributes	Applicable major releases
Name: PollerProblem (31) Type: communicationsAlarm (4) Package: netw Raised on class: netw.NetworkElement	Severity: warning Implicitly cleared: true Default probable cause: resyncFailed (24)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: The alarm is raised when the 5620 SAM is unable to poll a network object, for example, because of intermittent or no IP connectivity to an NE, incorrect SNMP security parameters, or disabled SNMP on the NE.		
Raising condition: ('Resync Status' EQUAL 'Full Resync Failed')		

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Alarm	Attributes	Applicable major releases
Clearing condition: ('Resync Status' EQUAL 'Full Resync Done')		
Remedial action: Informational - if the alarm persists or is occurring frequently then investigation is required to understand a) why the underlying transport network is unreliable or b) why the NE is too busy to respond to 5620 SAM or c) has SNMP been disabled on the NE. Once the issue has been resolved SAM will automatically re-attempt.		

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Table 28-1579 PrimaryImageBootFailure

Alarm	Attributes	Applicable major releases
Name: PrimaryImageBootFailure (191) Type: configurationAlarm (11) Package: sw Raised on class: sw.CardSoftware	Severity: warning Implicitly cleared: true Default probable cause: bootOptionFileMisconfigured (150)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: The alarm is raised when the primary software image specified in an NE BOF is unusable.		
Raising condition: (('imageSource' NOT EQUAL 'Primary') AND ('imageSource' NOT EQUAL 'Unknown'))		
Clearing condition: (('imageSource' EQUAL 'Primary') OR ('imageSource' EQUAL 'Unknown'))		
Remedial action: The SW image on the NE may have been inadvertently corrupted. Download a new copy of the SW image to the NE. If the problem persists contact Alcatel-Lucent support for assistance.		

Table 28-1580 RadiusOperStatusDown

Alarm	Attributes	Applicable major releases
Name: RadiusOperStatusDown (3692) Type: radiusOperStatusDownAlarm (105) Package: netw Raised on class: netw.NetworkElement	Severity: critical Implicitly cleared: true Default probable cause: radiusOperationStatusDown (1431)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: The alarm is raised when all RADIUS servers have gone down.		
Raising condition: ('Global RADIUS Operational State' EQUAL 'Down')		
Clearing condition: ('Global RADIUS Operational State' EQUAL 'Up')		
Remedial action: Verify the RADIUS server is properly configured and radius server state is up. Check the connectivity between SAM server and radius server configured on the Network element.		

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Table 28-1581 ReachabilityProblem

Alarm	Attributes	Applicable major releases
Name: ReachabilityProblem (243) Type: communicationsAlarm (4) Package: netw Raised on class: netw.NetworkElement	Severity: major Implicitly cleared: true Default probable cause: ReachabilityTestFailed (176)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: The alarm is raised when a mediation poll of the SysUpTimeAlarm object on an NE fails, for example, because of network congestion or because the NE is too busy to respond. The probable cause is an unreachable NE Mediation agent on the NE. The polling interval depends on the NE type and is configurable in nms-server.xml. By default, the 5620 SAM polls a managed NE every four minutes. If a poll fails, the alarm is raised. The alarm clears when the 5620 SAM receives a response from the NE, and the 5620 SAM GUI icon that represents the NE turns from red to green.		
Raising condition: ('SNMP Reachability' EQUAL 'Down')		
Remedial action: Informational - if the alarm persists or is occurring frequently then investigation is required to understand a) why the underlying transport network is unreliable or b) why the NE is too busy to respond to 5620 SAM or c) has SNMP been disabled on the NE. Once the issue has been resolved SAM will automatically re-attempt.		

Table 28-1582 ReconfigFailure

Alarm	Attributes	Applicable major releases
Name: ReconfigFailure (1949) Type: communicationsAlarm (4) Package: netw Raised on class: netw.NetworkElement	Severity: critical Implicitly cleared: true Default probable cause: failedReconfig (937)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This alarm is raised when the reconfig action failed.		
Raising condition: ('State' EQUAL 'Failed')		
Clearing condition: ('State' NOT EQUAL 'Failed')		
Remedial action: Verify that the object is configured as expected.		

Table 28-1583 RncAccessAdminDown - Rnc Access DOWN

Alarm	Attributes	Applicable major releases
Name: RncAccessAdminDown (4797) Type: equipmentAlarm (3) Package: lte Raised on class: lte.RncAccess	Severity: warning Specific problem: Rnc Access DOWN (1936) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: The alarm is raised when a RNC Access Administrative State is down.		
Raising condition: (('administrativeState' NOT EQUAL 'Unlocked'))		
Clearing condition: (('administrativeState' EQUAL 'Unlocked'))		

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Alarm	Attributes	Applicable major releases
Remedial action: Informational - no corrective action required.		

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Table 28-1584 SaveConfigFailed

Alarm	Attributes	Applicable major releases
Name: SaveConfigFailed (105) Type: configurationAlarm (11) Package: sw Raised on class: sw.BackupRestoreManager	Severity: major Implicitly cleared: true Default probable cause: fileAccessError (90)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: The alarm is raised when the admin save command on an NE fails.		
Raising condition: ('Config Save State' EQUAL 'Failure')		
Clearing condition: ('Config Save State' EQUAL 'Success')		
Remedial action: Attempt the admin save command a second time. If the problem persists please contact Alcatel-Lucent support for assistance.		

Table 28-1585 ScheduledPollerProblem

Alarm	Attributes	Applicable major releases
Name: ScheduledPollerProblem (4386) Type: communicationsAlarm (4) Package: netw Raised on class: netw.NetworkElement	Severity: warning Implicitly cleared: true Default probable cause: scheduledResyncFailed (1569)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: The alarm is raised when the 5620 SAM is unable to poll a network object, for example, because of intermittent or no IP connectivity to an NE, incorrect SNMP security parameters, or disabled SNMP on the NE.		
Raising condition: ('Scheduled Resync Status' EQUAL 'Scheduled Resync Failed')		
Clearing condition: ('Scheduled Resync Status' EQUAL 'Scheduled Resync Done')		
Remedial action: Informational - if the alarm persists or is occurring frequently then investigation is required to understand a) why the underlying transport network is unreliable or b) why the NE is too busy to respond to 5620 SAM or c) has SNMP been disabled on the NE. Once the issue has been resolved SAM will automatically re-attempt.		

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Table 28-1586 StatsRetrieveFailed

Alarm	Attributes	Applicable major releases
Name: StatsRetrieveFailed (244) Type: configurationAlarm (11) Package: sw Raised on class: sw.AccountingStatsRetrievalManager	Severity: major Implicitly cleared: false Default probable cause: fileTransferFailure (89)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: The alarm is raised when the 5620 SAM main or auxiliary server cannot transfer an accounting file from an NE.		
Raising condition: (('Stats Retrieval State' NOT EQUAL 'Success') AND ('Stats Retrieval State' NOT EQUAL 'Not Attempted'))		
Remedial action: Informational - if the alarm persists or is occurring frequently then investigation is required to understand a) why the underlying transport network is unreliable or b) why the NE is too busy or otherwise cannot respond to the 5620 SAM main or auxiliary server.		

Table 28-1587 SubscriberSystemNextHopUsageHigh

Alarm	Attributes	Applicable major releases
Name: SubscriberSystemNextHopUsageHigh (5157) Type: thresholdCrossed (6) Package: netw Raised on class: netw.NetworkElement	Severity: minor Implicitly cleared: true Default probable cause: resourceFull (53)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: The alarm is raised when the IP next-hop usage by subscriber managed routes reaches its high watermark, cleared when it reaches its low watermark again; the watermarks are derived from the limit specified with the property subSysNextHopLimit.		
Raising condition: ('IP Next Hop Usage High' EQUAL 'true')		
Clearing condition: ('IP Next Hop Usage High' EQUAL 'false')		
Remedial action: The alarm is raised when the IP next-hop usage by subscriber managed routes reaches its high watermark, cleared when it reaches its low watermark again; the watermarks are derived from the limit specified with the property subSysNextHopLimit. There is no immediate effect, but when the usage actually hits the limit, new hosts will not get their managed routes.		

Table 28-1588 SubSysChassMemoryUsageHi

Alarm	Attributes	Applicable major releases
Name: SubSysChassMemoryUsageHi (5656) Type: thresholdCrossed (6) Package: equipment Raised on class: equipment.Shelf	Severity: minor Implicitly cleared: true Default probable cause: resourceFull (53)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: This alarm is raised when the memory usage by subscriber management on this system or chassis reaches its high watermark ('true').		
Raising condition: ('Memory Usage High' EQUAL 'True')		

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Alarm	Attributes	Applicable major releases
Clearing condition: (('Memory Usage High' EQUAL 'False') OR ('Memory Usage High' EQUAL 'unspecified'))		
Remedial action: The memory usage by subscriber management on this system has reached its high watermark. Please check your memory usage.		

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Table 28-1589 TrapDestinationMisconfigured

Alarm	Attributes	Applicable major releases
Name: TrapDestinationMisconfigured (33) Type: configurationAlarm (11) Package: netw Raised on class: netw.NetworkElement	Severity: major Implicitly cleared: true Default probable cause: trapDestinationMisconfigured (26) Applicable probable causes: <ul style="list-style-type: none"> trapDestinationMisconfigured duplicateTrapLogId 	<ul style="list-style-type: none"> LR13.3 LR14.1.L LR14.3.L
Description: The alarm is raised when the 5620 SAM cannot be added to the NE's SNMP trap destinations.		
Raising condition: ('isTrapDestinationMisconfigured' EQUAL 'true')		
Clearing condition: ('isTrapDestinationMisconfigured' EQUAL 'false')		
Remedial action: A configuration error has been made which must be corrected. The SNMP trap destination on the NE must be configured to the IP address of the SAM server.		

Table 28-1590 TrapReceivingFailure

Alarm	Attributes	Applicable major releases
Name: TrapReceivingFailure (1083) Type: communications (87) Package: netw Raised on class: netw.NetworkElement	Severity: major Implicitly cleared: false Default probable cause: trapsWillNotBeSent (822)	<ul style="list-style-type: none"> LR13.3 LR14.1.L LR14.3.L
Description: This user-defined alarm is raised when the NE is unable to send traps because the NE configuration is one of the following: - The Management IP Selection is set to Out Of Band Only, the Primary Route Preference is set to In Band, and the Secondary Route Preference is set to None. - The Management IP Selection is set to In Band Only, the Primary Route Preference is set to Out Of Band, and the Secondary Route Preference is set to None.		
Raising condition: (((('Active Management IP' EQUAL 'In Band') AND ('Management IP Selection' EQUAL 'In Band Only') AND ('Primary Route Preference' EQUAL 'Out Of Band') AND ('Secondary Route Preference' EQUAL 'None')) OR (('Active Management IP' EQUAL 'Out Of Band') AND ('Management IP Selection' EQUAL 'Out Of Band Only') AND ('Primary Route Preference' EQUAL 'In Band') AND ('Secondary Route Preference' EQUAL 'None')) OR (('Active Management IP' EQUAL 'Out Of Band') AND ('Management IP Selection' EQUAL 'In Band Preferred') AND ('Primary Route Preference' EQUAL 'In Band') AND ('Secondary Route Preference' EQUAL 'None')) OR (('Active Management IP' EQUAL 'In Band') AND ('Management IP Selection' EQUAL 'Out Of Band Preferred') AND ('Primary Route Preference' EQUAL 'Out Of Band') AND ('Secondary Route Preference' EQUAL 'None'))))		

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Alarm	Attributes	Applicable major releases
<p>Clearing condition: (((('Active Management IP' EQUAL 'In Band') AND ('Management IP Selection' EQUAL 'In Band Only') AND (('Primary Route Preference' EQUAL 'In Band') OR ('Secondary Route Preference' EQUAL 'In Band')))) OR (('Active Management IP' EQUAL 'Out Of Band') AND ('Management IP Selection' EQUAL 'Out Of Band Only') AND (('Primary Route Preference' EQUAL 'Out Of Band') OR ('Secondary Route Preference' EQUAL 'Out Of Band')))) OR (('Active Management IP' EQUAL 'Out Of Band') AND ('Management IP Selection' EQUAL 'In Band Preferred') AND (('Primary Route Preference' EQUAL 'Out Of Band') OR ('Secondary Route Preference' EQUAL 'Out Of Band')))) OR (('Active Management IP' EQUAL 'In Band') AND ('Management IP Selection' EQUAL 'In Band') AND ('Management IP Selection' EQUAL 'In Band Preferred') AND (('Primary Route Preference' EQUAL 'In Band') OR ('Secondary Route Preference' EQUAL 'In Band')))) OR (('Active Management IP' EQUAL 'In Band') AND ('Management IP Selection' EQUAL 'Out Of Band Preferred') AND (('Primary Route Preference' EQUAL 'In Band') OR ('Secondary Route Preference' EQUAL 'In Band')))) OR (('Active Management IP' EQUAL 'Out Of Band') AND ('Management IP Selection' EQUAL 'Out Of Band Preferred') AND (('Primary Route Preference' EQUAL 'Out Of Band') OR ('Secondary Route Preference' EQUAL 'Out Of Band'))))</p>		
<p>Remedial action: A configuration error has been made which must be corrected. The configuration error must be corrected per the discussion in the description for this alarm.</p>		

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Table 28-1591 TrapRoutePreferenceRedundancyMissing

Alarm	Attributes	Applicable major releases
<p>Name: TrapRoutePreferenceRedundancyMissing (1084) Type: communications (87) Package: netw Raised on class: netw.NetworkElement</p>	<p>Severity: warning Implicitly cleared: true Default probable cause: trapsRedundancyMissing (823)</p>	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
<p>Description: The user-defined alarm is raised when NE management redundancy is configured without trap route preference redundancy.</p>		
<p>Raising condition: (((('Management IP Selection' EQUAL 'In Band Preferred') AND ('Active Management IP' EQUAL 'In Band') AND ('Primary Route Preference' EQUAL 'In Band') AND ('Secondary Route Preference' EQUAL 'None')) OR (('Management IP Selection' EQUAL 'Out Of Band Preferred') AND ('Active Management IP' EQUAL 'Out Of Band') AND ('Primary Route Preference' EQUAL 'Out Of Band') AND ('Secondary Route Preference' EQUAL 'None'))))</p>		
<p>Clearing condition: (((('Management IP Selection' EQUAL 'In Band Preferred') AND ('Active Management IP' EQUAL 'In Band') AND ('Secondary Route Preference' NOT EQUAL 'None')) OR (('Management IP Selection' EQUAL 'Out Of Band Preferred') AND ('Active Management IP' EQUAL 'Out Of Band') AND ('Secondary Route Preference' NOT EQUAL 'None'))))</p>		
<p>Remedial action: A configuration error has been made which must be corrected. The IP address of the standby SAM server must be configured on the NE in question.</p>		

Table 28-1592 UnidentifiedNode

Alarm	Attributes	Applicable major releases
<p>Name: UnidentifiedNode (1922) Type: communicationsAlarm (4) Package: netw Raised on class: netw.DiscoveredNode</p>	<p>Severity: major Implicitly cleared: true Default probable cause: unidentifiedNode (922)</p>	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
<p>Description: The alarm is raised when the node being discovered can not be properly identified.</p>		
<p>Raising condition: ('State' EQUAL 'Pending Identification')</p>		

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Alarm	Attributes	Applicable major releases
Clearing condition: ('State' NOT EQUAL 'Pending Identification')		
Remedial action: A configuration error has occurred that must be corrected. The eNodeB does not have a system name. The name can be configured by selecting the alarm, opening the associated properties form for the alarmed object and configuring the system name.		

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Table 28-1593 UnmanageFailed

Alarm	Attributes	Applicable major releases
Name: UnmanageFailed (300) Type: discoveryControlAlarm (33) Package: netw Raised on class: netw.NodeDiscoveryControl	Severity: warning Implicitly cleared: true Default probable cause: unableToDeleteNode (231)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: The alarm is raised when an attempt to unmanage an NE fails.		
Raising condition: ('Site State' EQUAL 'Unmanage Failed')		
Clearing condition: ('Site State' NOT EQUAL 'Unmanage Failed')		
Remedial action: Informational - if the alarm persists please contact Alcatel-Lucent support for assistance		

Table 28-1594 UpgradedBuildVersionMismatch

Alarm	Attributes	Applicable major releases
Name: UpgradedBuildVersionMismatch (174) Type: configurationAlarm (11) Package: netw Raised on class: netw.NetworkElement	Severity: warning Implicitly cleared: true Default probable cause: upgradedImageNotBooted (137)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: The alarm is raised when the software version that an NE reports after a software upgrade does not match the version of the software used for the upgrade.		
Raising condition: ('upgradedBuildVersionMismatch' EQUAL 'true')		
Clearing condition: ('upgradedBuildVersionMismatch' EQUAL 'false')		
Remedial action: Informational - if the alarm persists please contact Alcatel-Lucent support for assistance		

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Table 28-1595 upgradedCardAlarm

Alarm	Attributes	Applicable major releases
Name: upgradedCardAlarm (255) Type: softwareAlarm (19) Package: equipment Raised on class: equipment.Card	Severity: warning Implicitly cleared: true Default probable cause: upgradedCard (194)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: The alarm is raised when the standby CPM is rebooted and operational after a software upgrade. A device resets an IOM automatically after 120 minutes if the IOM is not manually reset after a CPM upgrade.		
Raising condition: ('operationalState' EQUAL 'Upgrade')		
Clearing condition: ('operationalState' EQUAL 'Up')		
Remedial action: Informational - no corrective action required.		

Table 28-1596 VersionConfigRestoreFailed

Alarm	Attributes	Applicable major releases
Name: VersionConfigRestoreFailed (536) Type: configurationAlarm (11) Package: sw Raised on class: sw.BackupRestoreManager	Severity: major Implicitly cleared: true Default probable cause: versionMismatch (405)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: The alarm is raised when the restore procedure on an NE fails because of a mismatch between the backup file set version and the NE software version.		
Raising condition: ('lastNmsVersionRestoreState' EQUAL 'Failure')		
Clearing condition: ('lastNmsVersionRestoreState' EQUAL 'Success')		
Remedial action: The backup files being restored do not match with the version of node software release. Download a new copy of the SW image to the NE. If the problem persists contact Alcatel-Lucent support for assistance.		

Table 28-1597 WrongCpaaSoftwareVersion

Alarm	Attributes	Applicable major releases
Name: WrongCpaaSoftwareVersion (791) Type: equipmentAlarm (3) Package: netw Raised on class: netw.NetworkElement	Severity: critical Implicitly cleared: true Default probable cause: wrongCpaaSoftwareVersion (559)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: The alarm is raised when the 7701 CPAA software is the wrong version and requires an upgrade.		
Raising condition: (('Software Version' EQUAL "\"TIMOS-B-3.0.Generic \") AND ('Chassis Type' EQUAL '7701 CPAA'))		
Clearing condition: (('Software Version' NOT EQUAL "\"TIMOS-B-3.0.Generic \") AND ('Chassis Type' EQUAL '7701 CPAA'))		
Remedial action: The SW version of the CPAA must be upgraded to the version compatible with CPAM version.		

Table 28-1598 X2AccessAdminDown - X2 Access LOCKED BY OPERATOR

Alarm	Attributes	Applicable major releases
Name: X2AccessAdminDown (1906) Type: equipmentAlarm (3) Package: Ite Raised on class: Ite.X2Access	Severity: warning Specific problem: X2 Access LOCKED BY OPERATOR (1937) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: The alarm is raised when an X2 Access Administrative State is down.		
Raising condition: (('Administrative State' NOT EQUAL 'Unlocked'))		
Clearing condition: (('Administrative State' EQUAL 'Unlocked'))		
Remedial action: Informational - no corrective action required.		

Table 28-1599 X2AccessDegradedOrFaulty - X2 Access DEGRADED OR FAULTY

Alarm	Attributes	Applicable major releases
Name: X2AccessDegradedOrFaulty (8027) Type: equipmentAlarm (3) Package: Ite Raised on class: Ite.X2Access	Severity: major Specific problem: X2 Access DEGRADED OR FAULTY (1938) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: The alarm is raised when an X2 Access is not fully available.		
Raising condition: (('Availability Status'anyBit'Faulty') OR ('Availability Status'anyBit'Degraded'))		
Clearing condition: NOT (('Availability Status'anyBit'Faulty') OR ('Availability Status'anyBit'Degraded'))		
Remedial action: The Equipment is not fully available. AvailabilityStatus value and Additional attributes may indicate the nature and cause of the issue.		

Table 28-1600 X2AccessDown - X2 Access DOWN

Alarm	Attributes	Applicable major releases
Name: X2AccessDown (1907) Type: equipmentAlarm (3) Package: Ite Raised on class: Ite.X2Access	Severity: critical Specific problem: X2 Access DOWN (1939) Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> • LR13.3 • LR14.1.L • LR14.3.L
Description: The alarm is raised when an X2 Access is operationally down.		
Raising condition: (('Operational State' EQUAL 'Disabled') AND ('Administrative State' EQUAL 'Unlocked') AND (('Availability Status'anyBit'Failed') OR ('Availability Status'anyBit'Dependency'))		

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Alarm	Attributes	Applicable major releases
Clearing condition: (('Administrative State' EQUAL 'Locked') OR ('Operational State' EQUAL 'Enabled') OR NOT (('Availability Status'anyBit'Failed') OR ('Availability Status'anyBit'Dependency'))))		
Remedial action: The Equipment is inoperable. Additional attributes may indicate the nature and cause of the issue.		

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Note – Some alarms that the 5620 SAM can raise against this device may not be listed in this chapter. Associating alarms with specific NE types is an ongoing Alcatel-Lucent effort. If the 5620 SAM raises an alarm against this device type, and the alarm is not described in this chapter, see chapter 41 for information about the alarm.

Table 29-1 AccessInterfaceDown

Alarm	Attributes	Applicable major releases
Name: AccessInterfaceDown (249) Type: AccessInterfaceAlarm (32) Package: service Raised on class: service.AccessInterface	Severity: critical Implicitly cleared: true Default probable cause: interfaceDown (32)	<ul style="list-style-type: none"> • 7.1.1 • 7.2.1 • 7.3.1 • 7.3.2
Description: The alarm is raised when an L2 or L3 interface operational state is Down. The alarm is not raised against an L2 access interface that is associated with an MC ring or MC LAG in the standby state.		
Raising condition: (('Operational State' NOT EQUAL 'Up') AND ('State Cause' NOT EQUAL 'Standby For MC-Ring') AND ('State Cause' NOT EQUAL 'Standby For MC-Lag') AND ('State Cause' NOT EQUAL 'Standby For BGP Multi-homing'))		
Clearing condition: (('Operational State' EQUAL 'Up') OR ('State Cause' EQUAL 'Standby For MC-Ring') OR ('State Cause' EQUAL 'Standby For MC-Lag') OR ('State Cause' EQUAL 'Standby For BGP Multi-homing'))		
Remedial action: The condition exists because the physical interface is down either because it is administratively disabled, faulty or a cabling fault has occurred. Ensure that the interface is administratively up. Check for a poor cable connection to the port or for a faulty cable/fiber. If neither appears to be the problem run diagnostics on the port to determine if it is faulty.		

Table 29-2 ActiveAbnormalCondition

Alarm	Attributes	Applicable major releases
Name: ActiveAbnormalCondition (3938) Type: activeAbnormalConditionAlarm (116) Package: netw Raised on class: netw.NetworkElement	Severity: major Implicitly cleared: true Default probable cause: ActiveAbnormalConditionState (1520)	<ul style="list-style-type: none"> • 7.1.1 • 7.2.1 • 7.3.1 • 7.3.2
Description: The alarm is an indication for abnormal condition on NE.		
Raising condition: ('abnormalCondition' EQUAL 'true')		
Clearing condition: ('abnormalCondition' EQUAL 'false')		
Remedial action: This alarm is raised when there is a abnormal state indication on NE.		

Table 29-3 AggregatedVFLPortDown

Alarm	Attributes	Applicable major releases
Name: AggregatedVFLPortDown (5436) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.Shelf	Severity: critical Implicitly cleared: true Default probable cause: connectivityIssue (2137)	<ul style="list-style-type: none"> • 7.1.1 • 7.2.1 • 7.3.1 • 7.3.2
Description: The alarm is generated when the aggregated virtual fabric link on the virtual chassis slot is down.		
Raising condition: (('Shelf Type' EQUAL '7850') AND ('Total Slots' EQUAL '4') AND ('Virtual Fabric Link State' NOT EQUAL 'Up'))		
Clearing condition: (('Shelf Type' EQUAL '7850') AND ('Total Slots' EQUAL '4') AND ('Virtual Fabric Link State' EQUAL 'Up'))		
Remedial action: The alarm is raised when the aggregated virtual fabric link on the virtual chassis is down. Please check the virtual fabric links for the virtual chassis setup.		

Table 29-4 AGWDiameterPeerDown

Alarm	Attributes	Applicable major releases
Name: AGWDiameterPeerDown (844) Type: EpcAlarm (59) Package: Ite Raised on class: Ite.AGWDiameterPeer	Severity: variable Implicitly cleared: true Default probable cause: EPSPeerDown (602)	<ul style="list-style-type: none"> • 7.1.1 • 7.2.1 • 7.3.1 • 7.3.2
Description: The alarm is raised when the path management state of a Diameter peer changes to a state other than Up.		
Raising condition: ('Path Diameter Management State' NOT EQUAL 'Active')		
Clearing condition: ('Path Diameter Management State' EQUAL 'Active')		
Remedial action: A Ga reference point (peer) is operationally down for one of the following reasons: the underlying IP or physical interface is down, the far end peer is down or the underlying transport between this NE and the peer NE is down. To resolve the issue ensure that the IP/physical interface is up, check that the far end peer is operational and check that the underlying transport network is up.		

Table 29-5 AreaTypeMismatch

Alarm	Attributes	Applicable major releases
Name: AreaTypeMismatch (38) Type: configurationAlarm (11) Package: ospf Raised on class: ospf.Area	Severity: warning Implicitly cleared: true Default probable cause: areaTypeMisconfigured (34)	<ul style="list-style-type: none"> • 7.1.1 • 7.2.1 • 7.3.1 • 7.3.2
Description: The alarm is raised when an OSPF area on one NE is configured as an NSSA and the same OSPF area on another NE is configured as a stub area.		
Raising condition: ('Type Mismatch' EQUAL 'true')		
Clearing condition: ('Type Mismatch' EQUAL 'false')		
Remedial action: A configuration error has been made which must be corrected. The OSPF area type configured for the NE does not match with the same OSPF area configured on another NE. Compare the configuration on the endpoint and correct the mismatch.		

Table 29-6 AtcaFanFailure

Alarm	Attributes	Applicable major releases
Name: AtcaFanFailure (1124) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.Fan	Severity: critical Implicitly cleared: true Default probable cause: fanFailure (116)	<ul style="list-style-type: none"> • 7.1.1 • 7.2.1 • 7.3.1 • 7.3.2
Description: The alarm is raised when the associated fan is not operationally Up.		
Raising condition: (('operationalState' EQUAL 'Disabled') OR ('operationalState' EQUAL 'Down'))		
Clearing condition: (('operationalState' EQUAL 'Enabled') OR ('operationalState' EQUAL 'Up'))		
Remedial action: This alarm is raised if the fan speed falls below 500 rpm. If the alarm persists, replace the appropriate (upper or lower) fan tray.		

Table 29-7 AuxiliaryServerStatus

Alarm	Attributes	Applicable major releases
Name: AuxiliaryServerStatus (311) Type: communicationsAlarm (4) Package: server Raised on class: server.AuxiliaryServer	Severity: critical Implicitly cleared: true Default probable cause: systemFailed (144)	<ul style="list-style-type: none"> • 7.1.1 • 7.2.1 • 7.3.1 • 7.3.2
Description: The alarm is raised when a 5620 SAM main server cannot communicate with an auxiliary server. The alarm clears when communication is restored.		
Raising condition: ('Server Status' EQUAL 'Down')		
Clearing condition: ('Server Status' EQUAL 'Up')		
Remedial action: Informational - if the alarm persists or is occurring frequently then investigation is required to understand why the connectivity between the AUX and SAM servers is unreliable.		

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Table 29-8 BgpDown

Alarm	Attributes	Applicable major releases
Name: BgpDown (6) Type: ProtocolAlarm (1) Package: bgp Raised on class: bgp.Site	Severity: critical Implicitly cleared: true Default probable cause: protocolDown (1)	<ul style="list-style-type: none"> • 7.1.1 • 7.2.1 • 7.3.1 • 7.3.2
Description: The alarm is raised when a BGP instance has an Operational State other than Up, and the Administrative State is Up.		
Raising condition: (('Administrative State' EQUAL 'Up') AND ('Operational State' NOT EQUAL 'Up'))		
Clearing condition: (('Operational State' EQUAL 'Up') OR ('Administrative State' NOT EQUAL 'Up'))		
Remedial action: The BGP protocol entity is down - administratively disable BGP and re-enable. If the problem persists please contact Alcatel-Lucent support for assistance.		

Table 29-9 BootableConfigBackupFailed

Alarm	Attributes	Applicable major releases
Name: BootableConfigBackupFailed (103) Type: configurationAlarm (11) Package: sw Raised on class: sw.BackupRestoreManager	Severity: major Implicitly cleared: true Default probable cause: fileTransferFailure (89)	<ul style="list-style-type: none"> • 7.1.1 • 7.2.1 • 7.3.1 • 7.3.2
Description: The alarm is raised when the 5620 SAM fails to back up a set of NE configuration files.		
Raising condition: ('Backup State' EQUAL 'Failure')		
Clearing condition: ('Backup State' EQUAL 'Success')		
Remedial action: Investigation is required to resolve the following possible scenarios: insufficient disk space is available to accommodate the NE configuration files (additional SAM platform alarms will accompany this alarm); the NE is unreachable (including underlying transport network issue); loss of connectivity to the NE during transfer; the FTP daemon on the NE may have stopped; FTP security credential issues.		

Table 29-10 BootableConfigRestoreFailed

Alarm	Attributes	Applicable major releases
Name: BootableConfigRestoreFailed (104) Type: configurationAlarm (11) Package: sw Raised on class: sw.BackupRestoreManager	Severity: major Implicitly cleared: true Default probable cause: fileTransferFailure (89)	<ul style="list-style-type: none"> • 7.1.1 • 7.2.1 • 7.3.1 • 7.3.2
Description: The alarm is raised when the 5620 SAM fails to restore a set of NE configuration files.		
Raising condition: ('Restore State' EQUAL 'Failure')		
Clearing condition: ('Restore State' EQUAL 'Success')		

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Alarm	Attributes	Applicable major releases
Remedial action: Investigation is required to resolve the following possible scenarios: the NE is unreachable (including underlying transport network issue); loss of connectivity to the NE during transfer; the FTP daemon on the NE may have stopped; FTP security credential issues.		

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Table 29-11 BootParametersMisconfigured

Alarm	Attributes	Applicable major releases
Name: BootParametersMisconfigured (35) Type: configurationAlarm (11) Package: netw Raised on class: netw.NetworkElement	Severity: critical Implicitly cleared: true Default probable cause: persistentIndexFailure (30) Applicable probable causes: <ul style="list-style-type: none"> • persistentIndexFailure • configFileBootFailure 	<ul style="list-style-type: none"> • 7.1.1 • 7.2.1 • 7.3.1 • 7.3.2
Description: The alarm is raised when the SNMP Index Boot Status on an NE is not set to Persistent.		
Raising condition: (('isGenericNode' EQUAL 'false') AND ('State' NOT EQUAL 'Pre-provisioned') AND (((('Config File Status' NOT EQUAL 'Executed Successfully') AND ('Config File Status' NOT EQUAL 'configFileStatus_unspecified')) OR (('Persistent Index Status' NOT EQUAL 'Rebuild Succeeded') AND ('Persistent Index Status' NOT EQUAL 'persistentIndexStatus_unspecified'))))		
Clearing condition: (('Config File Status' EQUAL 'Executed Successfully') AND ('Persistent Index Status' EQUAL 'Rebuild Succeeded'))		
Remedial action: Ensure that "SNMP Index Boot Status" is persistent (using cli command "show system information" on the NE). If not, unmanage the network element from SAM, ensure that "persist on" is set in the bof file, save the bof, save a config file, verify that an index file (.ndx) is saved as well, reboot the router, verify that SNMP Index Boot Status is persistent and finally remanage the router from SAM.		

Table 29-12 ClientDelegateServerStatus

Alarm	Attributes	Applicable major releases
Name: ClientDelegateServerStatus (731) Type: communicationsAlarm (4) Package: server Raised on class: server.ClientDelegateServer	Severity: critical Implicitly cleared: true Default probable cause: systemFailed (144)	<ul style="list-style-type: none"> • 7.1.1 • 7.2.1 • 7.3.1 • 7.3.2
Description: The alarm is raised when a client delegate server is unreachable.		
Raising condition: ('Server Status' EQUAL 'Down')		
Clearing condition: ('Server Status' EQUAL 'Up')		
Remedial action: Informational - if the alarm persists or is occurring frequently then investigation is required to understand why the connectivity between the client delegate platform and SAM servers is unreliable or the client delegate server itself is unreliable.		

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Table 29-13 ContainingEquipmentAdministrativelyDown

Alarm	Attributes	Applicable major releases
Name: ContainingEquipmentAdministrativelyDown (466) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.Port	Severity: minor Implicitly cleared: true Default probable cause: containingEquipmentAdministrativelyDown (330)	<ul style="list-style-type: none"> • 7.1.1 • 7.2.1 • 7.3.1 • 7.3.2
Description: The alarm is raised when the compositeEquipmentState attribute has a value of containingEquipmentAdministrativelyDown.		
Raising condition: (('Status' EQUAL 'Parent Admin Down') AND ('isTerminatable' EQUAL 'true'))		
Clearing condition: (('Status' NOT EQUAL 'Parent Admin Down') OR ('isTerminatable' NOT EQUAL 'true'))		
Remedial action: Informational - no corrective action required.		

Table 29-14 ContainingEquipmentMismatch

Alarm	Attributes	Applicable major releases
Name: ContainingEquipmentMismatch (464) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.Port	Severity: major Implicitly cleared: true Default probable cause: containingEquipmentMismatch (328)	<ul style="list-style-type: none"> • 7.1.1 • 7.2.1 • 7.3.1 • 7.3.2
Description: The alarm is raised when the compositeEquipmentState attribute has a value of containingEquipmentMismatch.		
Raising condition: (('Status' EQUAL 'Parent Type Mismatch') AND ('isTerminatable' EQUAL 'true'))		
Clearing condition: (('Status' NOT EQUAL 'Parent Type Mismatch') OR ('isTerminatable' NOT EQUAL 'true'))		
Remedial action: A configuration error has occurred which must be corrected. The card type configured for the slot identified in the alarm must match the installed card type.		

Table 29-15 ContainingEquipmentOperationallyDown

Alarm	Attributes	Applicable major releases
Name: ContainingEquipmentOperationallyDown (465) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.Port	Severity: major Implicitly cleared: true Default probable cause: containingEquipmentDown (329)	<ul style="list-style-type: none"> • 7.1.1 • 7.2.1 • 7.3.1 • 7.3.2
Description: The alarm is raised when the compositeEquipmentState attribute has a value of containingEquipmentOperationallyDown.		
Raising condition: (('Status' EQUAL 'Parent Oper Down') AND ('isTerminatable' EQUAL 'true'))		
Clearing condition: (('Status' NOT EQUAL 'Parent Oper Down') OR ('isTerminatable' NOT EQUAL 'true'))		

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Alarm	Attributes	Applicable major releases
Remedial action: The operational state of the equipment element indicated in the alarm is down. This may be due to the element's administrative state or it may indicate that the element has failed.		

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Table 29-16 CorruptImageFile

Alarm	Attributes	Applicable major releases
Name: CorruptImageFile (171) Type: configurationAlarm (11) Package: mediation Raised on class: mediation.AbstractSoftwareFolderDescriptor	Severity: critical Implicitly cleared: true Default probable cause: invalidOrCorruptImageFile (134)	<ul style="list-style-type: none"> • 7.1.1 • 7.2.1 • 7.3.1 • 7.3.2
Description: The alarm is raised when one or more files in the 5620 SAM software image specified for a device software upgrade is invalid, corrupt or absent. The 5620 SAM validates a device software file set before it imports the file set and distributes it to an NE. Ensure that the file set downloads properly to the NE and is not tampered with before you re-attempt the upgrade. The alarm clears when a valid file set is on the NE and the 5620 SAM activates the software image in the file set.		
Raising condition: ('isImageValid' EQUAL 'false')		
Clearing condition: ('isImageValid' EQUAL 'true')		
Remedial action: The existing SW image in the SAM database should be replaced with an image that is known to be complete and valid.		

Table 29-17 downgradedCardAlarm

Alarm	Attributes	Applicable major releases
Name: downgradedCardAlarm (256) Type: softwareAlarm (19) Package: equipment Raised on class: equipment.Card	Severity: warning Implicitly cleared: true Default probable cause: downgradedCard (195)	<ul style="list-style-type: none"> • 7.1.1 • 7.2.1 • 7.3.1 • 7.3.2
Description: The alarm is raised when an IOM is not upgraded or reset after a device software upgrade of both CPMs. A device resets an IOM automatically after 120 minutes if the IOM is not manually reset after a CPM upgrade.		
Raising condition: ('operationalState' EQUAL 'Downgrade')		
Clearing condition: ('operationalState' EQUAL 'Up')		
Remedial action: Informational - no corrective action required.		

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Table 29-18 EquipmentAdministrativelyDown

Alarm	Attributes	Applicable major releases
Name: EquipmentAdministrativelyDown (455) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.Equipment	Severity: minor Implicitly cleared: true Default probable cause: equipmentAdministrativelyDown (326)	<ul style="list-style-type: none"> • 7.1.1 • 7.2.1 • 7.3.1 • 7.3.2
Description: The alarm is raised when the compositeEquipmentState attribute has a value of equipmentAdministrativelyDown.		
Raising condition: ('compositeEquipmentState' EQUAL 'Admin Down')		
Clearing condition: ('compositeEquipmentState' NOT EQUAL 'Admin Down')		
Remedial action: Informational - no corrective action required.		

Table 29-19 EquipmentDegraded

Alarm	Attributes	Applicable major releases
Name: EquipmentDegraded (604) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.FanTray	Severity: minor Implicitly cleared: true Default probable cause: singleFanFailure (450)	<ul style="list-style-type: none"> • 7.1.1 • 7.2.1 • 7.3.1 • 7.3.2
Description: The alarm is raised when a single fan fails. The chassis attempts to continue operating within the normal temperature range using only the remaining fans.		
Raising condition: ('Device State' EQUAL 'MinorFailure')		
Clearing condition: ('Device State' NOT EQUAL 'MinorFailure')		
Remedial action: The failed fan unit should be replaced.		

Table 29-20 EquipmentDown

Alarm	Attributes	Applicable major releases
Name: EquipmentDown (10) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.Equipment	Severity: major Implicitly cleared: true Default probable cause: inoperableEquipment (8)	<ul style="list-style-type: none"> • 7.1.1 • 7.2.1 • 7.3.1 • 7.3.2
Description: The alarm is raised when the compositeEquipmentState attribute has a value of equipmentOperationallyDown.		
Raising condition: ('compositeEquipmentState' EQUAL 'Oper Down')		
Clearing condition: ('compositeEquipmentState' NOT EQUAL 'Oper Down')		
Remedial action: This alarm indicates that a card in the NE has failed. The card must be replaced.		

Table 29-21 EquipmentFailure

Alarm	Attributes	Applicable major releases
Name: EquipmentFailure (145) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.ReplaceableUnit	Severity: critical Implicitly cleared: true Default probable cause: cardFailure (123)	<ul style="list-style-type: none"> • 7.1.1 • 7.2.1 • 7.3.1 • 7.3.2
Description: The alarm is raised when a control processor or power-supply tray reports a failure. When the object type is ControlProcessor, a CPM may be unable to boot. When the object type is Power Supply Tray and the alarm is raised during device discovery, a power-supply tray may be out of service. When the object type is a Power Supply Tray and the device is in the managed state, a power-supply tray may be out of service or the AC power shelf has a fault condition. The alarm clears when the status changes to OK.		
Raising condition: ('operationalState' EQUAL 'Failed')		
Clearing condition: ('operationalState' NOT EQUAL 'Failed')		
Remedial action: If the alarm indicates that the CPM card has a fault, remove the card and reset it. If this does not clear the alarm then please contact Alcatel-Lucent support for assistance. If the alarm indicates that the Power Supply tray is out of service ensure that the NE is properly connected to power. If the problem persists please contact Alcatel-Lucent support for assistance.		

Table 29-22 EquipmentInTest

Alarm	Attributes	Applicable major releases
Name: EquipmentInTest (11) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.Equipment	Severity: warning Implicitly cleared: true Default probable cause: equipmentInTest (9)	<ul style="list-style-type: none"> • 7.1.1 • 7.2.1 • 7.3.1 • 7.3.2
Description: The alarm is raised when equipment enters a diagnostic state.		
Raising condition: ('compositeEquipmentState' EQUAL 'In Test')		
Clearing condition: ('compositeEquipmentState' NOT EQUAL 'In Test')		
Remedial action: Informational - no corrective action required.		

Table 29-23 EquipmentMismatch

Alarm	Attributes	Applicable major releases
Name: EquipmentMismatch (9) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.Equipment	Severity: major Implicitly cleared: true Default probable cause: equipmentTypeMismatch (7)	<ul style="list-style-type: none"> • 7.1.1 • 7.2.1 • 7.3.1 • 7.3.2
Description: The alarm is raised when the compositeEquipmentState attribute has a value of equipmentMismatch.		
Raising condition: ('compositeEquipmentState' EQUAL 'Type Mismatch')		
Clearing condition: ('compositeEquipmentState' NOT EQUAL 'Type Mismatch')		

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Alarm	Attributes	Applicable major releases
Remedial action: A configuration error has occurred which must be corrected. The card type configured for the slot identified in the alarm must match the installed card type.		

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Table 29-24 EquipmentRemoved

Alarm	Attributes	Applicable major releases
Name: EquipmentRemoved (8) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.Equipment	Severity: major Implicitly cleared: true Default probable cause: replaceableEquipmentRemoved (6)	<ul style="list-style-type: none"> • 7.1.1 • 7.2.1 • 7.3.1 • 7.3.2
Description: The alarm is raised when the compositeEquipmentState attribute has a value of equipmentMissing.		
Raising condition: (((('isEquipped' EQUAL 'false') OR ('compositeEquipmentState' EQUAL 'Removed')) AND ('isEquipmentInserted' EQUAL 'true')))		
Clearing condition: (('compositeEquipmentState' NOT EQUAL 'Removed') AND ('isEquipped' EQUAL 'true'))		
Remedial action: Informational - this alarm is raised when a card is removed.		

Table 29-25 EthernetPortConfiguredLoopback

Alarm	Attributes	Applicable major releases
Name: EthernetPortConfiguredLoopback (801) Type: configurationAlarm (11) Package: ethernetequipment Raised on class: ethernetequipment.EthernetPortSpecifics	Severity: warning Implicitly cleared: true Default probable cause: ethernetPortConfiguredLoopback (567)	<ul style="list-style-type: none"> • 7.1.1 • 7.2.1 • 7.3.1 • 7.3.2
Description: The alarm is raised when a timed loopback is in effect for an Ethernet port.		
Raising condition: (('Type' NOT EQUAL 'None'))		
Clearing condition: (('Type' EQUAL 'None'))		
Remedial action: This alarm has been raised by the node because "Timed Loopback" option of the specific port's Ethernet property has been enabled. To resolve this problem from "Ethernet" tab of "Physical Port" properties form configure "Timed Loopback" Type property as "None".		

Table 29-26 EthernetPortDuplicateLane

Alarm	Attributes	Applicable major releases
Name: EthernetPortDuplicateLane (3557) Type: communicationsAlarm (4) Package: ethernetequipment Raised on class: ethernetequipment.EthernetPortSpecifics	Severity: major Implicitly cleared: true Default probable cause: DuplicateLane (1387)	<ul style="list-style-type: none"> • 7.1.1 • 7.2.1 • 7.3.1 • 7.3.2
Description: The alarm is raised when a device reports a Duplicate Lane on an Ethernet port.		
Raising condition: (('Outstanding Alarms'anyBit'Duplicate Lane') AND ('Report Alarms'anyBit'Duplicate Lane'))		
Clearing condition: NOT (('Outstanding Alarms'anyBit'Duplicate Lane') AND ('Report Alarms'anyBit'Duplicate Lane'))		
Remedial action: One of the following conditions exists on the referenced physical interface which must be corrected. A cable/fiber fault exists which must be corrected - check to ensure that the cable is not faulty and is properly connected. The port is faulty - run diagnostics on the port to determine the nature of the fault. If the problem cannot be resolved swap the card containing the port with a card which is known be functional.		

Table 29-27 EthernetPortHighBer

Alarm	Attributes	Applicable major releases
Name: EthernetPortHighBer (307) Type: communicationsAlarm (4) Package: ethernetequipment Raised on class: ethernetequipment.EthernetPortSpecifics	Severity: major Implicitly cleared: true Default probable cause: HighBer (238)	<ul style="list-style-type: none"> • 7.1.1 • 7.2.1 • 7.3.1 • 7.3.2
Description: The alarm is raised when a device reports a high bit-error rate on an Ethernet port.		
Raising condition: (('Outstanding Alarms'anyBit'High Bit Error Rate') AND ('Report Alarms'anyBit'High Bit Error Rate'))		
Clearing condition: NOT (('Outstanding Alarms'anyBit'High Bit Error Rate') AND ('Report Alarms'anyBit'High Bit Error Rate'))		
Remedial action: One of the following conditions exists on the physical interface which must be corrected. A cable/fiber fault exists which must be corrected - check to ensure that the cable is not faulty and is properly connected. The port is faulty - run diagnostics on the port to determine the nature of the fault.		

Table 29-28 EthernetPortLocalFault

Alarm	Attributes	Applicable major releases
Name: EthernetPortLocalFault (305) Type: communicationsAlarm (4) Package: ethernetequipment Raised on class: ethernetequipment.EthernetPortSpecifics	Severity: major Implicitly cleared: true Default probable cause: LocalFault (236)	<ul style="list-style-type: none"> • 7.1.1 • 7.2.1 • 7.3.1 • 7.3.2
Description: The alarm is raised when a device reports a local fault on an Ethernet port.		
Raising condition: (('Outstanding Alarms'anyBit'Local Fault') AND ('Report Alarms'anyBit'Local Fault'))		

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Alarm	Attributes	Applicable major releases
Clearing condition: NOT (((('Outstanding Alarms'anyBit'Local Fault') AND ('Report Alarms'anyBit'Local Fault'))		
Remedial action: One of the following conditions exists on the physical interface which must be corrected. A cable/fiber fault exists which must be corrected - check to ensure that the cable is not faulty and is properly connected. The port is faulty - run diagnostics on the port to determine the nature of the fault.		

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Table 29-29 EthernetPortNoAmLock

Alarm	Attributes	Applicable major releases
Name: EthernetPortNoAmLock (3558) Type: communicationsAlarm (4) Package: ethernetequipment Raised on class: ethernetequipment.EthernetPortSpecifics	Severity: major Implicitly cleared: true Default probable cause: NoAmLock (1388)	<ul style="list-style-type: none"> • 7.1.1 • 7.2.1 • 7.3.1 • 7.3.2
Description: The alarm is raised when a device reports a No Am Lock on an Ethernet port.		
Raising condition: (('Outstanding Alarms'anyBit'No AM Lock') AND ('Report Alarms'anyBit'No AM Lock'))		
Clearing condition: NOT (((('Outstanding Alarms'anyBit'No AM Lock') AND ('Report Alarms'anyBit'No AM Lock'))		
Remedial action: One of the following conditions exists on the referenced physical interface which must be corrected. A cable/fiber fault exists which must be corrected - check to ensure that the cable is not faulty and is properly connected. The port is faulty - run diagnostics on the port to determine the nature of the fault. If the problem cannot be resolved swap the card containing the port with a card which is known be functional.		

Table 29-30 EthernetPortNoBlockLock

Alarm	Attributes	Applicable major releases
Name: EthernetPortNoBlockLock (3559) Type: communicationsAlarm (4) Package: ethernetequipment Raised on class: ethernetequipment.EthernetPortSpecifics	Severity: major Implicitly cleared: true Default probable cause: NoBlockLock (1389)	<ul style="list-style-type: none"> • 7.1.1 • 7.2.1 • 7.3.1 • 7.3.2
Description: The alarm is raised when a device reports a No Block Lock on an Ethernet port.		
Raising condition: (('Outstanding Alarms'anyBit'No Block Lock') AND ('Report Alarms'anyBit'No Block Lock'))		
Clearing condition: NOT (((('Outstanding Alarms'anyBit'No Block Lock') AND ('Report Alarms'anyBit'No Block Lock'))		
Remedial action: One of the following conditions exists on the referenced physical interface which must be corrected. A cable/fiber fault exists which must be corrected - check to ensure that the cable is not faulty and is properly connected. The port is faulty - run diagnostics on the port to determine the nature of the fault. If the problem cannot be resolved swap the card containing the port with a card which is known be functional.		

Table 29-31 EthernetPortNoFrameLock

Alarm	Attributes	Applicable major releases
Name: EthernetPortNoFrameLock (306) Type: communicationsAlarm (4) Package: ethernetequipment Raised on class: ethernetequipment.EthernetPortSpecifics	Severity: major Implicitly cleared: true Default probable cause: NoFrameLock (237)	<ul style="list-style-type: none"> • 7.1.1 • 7.2.1 • 7.3.1 • 7.3.2
Description: The alarm is raised when a device reports No Frame Lock on an Ethernet port.		
Raising condition: (('Outstanding Alarms'anyBit'No Frame Lock') AND ('Report Alarms'anyBit'No Frame Lock'))		
Clearing condition: NOT (('Outstanding Alarms'anyBit'No Frame Lock') AND ('Report Alarms'anyBit'No Frame Lock'))		
Remedial action: One of the following conditions exists on the physical interface which must be corrected. A cable/fiber fault exists which must be corrected - check to ensure that the cable is not faulty and is properly connected. The port is faulty - run diagnostics on the port to determine the nature of the fault.		

Table 29-32 EthernetPortRemoteFault

Alarm	Attributes	Applicable major releases
Name: EthernetPortRemoteFault (304) Type: communicationsAlarm (4) Package: ethernetequipment Raised on class: ethernetequipment.EthernetPortSpecifics	Severity: major Implicitly cleared: true Default probable cause: RemoteFault (235)	<ul style="list-style-type: none"> • 7.1.1 • 7.2.1 • 7.3.1 • 7.3.2
Description: The alarm is raised when a device reports a remote fault on an Ethernet port.		
Raising condition: (('Outstanding Alarms'anyBit'Remote Fault') AND ('Report Alarms'anyBit'Remote Fault'))		
Clearing condition: NOT (('Outstanding Alarms'anyBit'Remote Fault') AND ('Report Alarms'anyBit'Remote Fault'))		
Remedial action: One of the following conditions exists on the remote physical interface which must be corrected. A cable/fiber fault exists which must be corrected - check to ensure that the cable is not faulty and is properly connected. The port is faulty - run diagnostics on the port to determine the nature of the fault.		

Table 29-33 EthernetPortSignalFailure

Alarm	Attributes	Applicable major releases
Name: EthernetPortSignalFailure (303) Type: communicationsAlarm (4) Package: ethernetequipment Raised on class: ethernetequipment.EthernetPortSpecifics	Severity: major Implicitly cleared: true Default probable cause: SignalFailure (234)	<ul style="list-style-type: none"> • 7.1.1 • 7.2.1 • 7.3.1 • 7.3.2
Description: The alarm is raised when a device reports a signal failure on an Ethernet port.		
Raising condition: (('Outstanding Alarms'anyBit'Signal Failure') AND ('Report Alarms'anyBit'Signal Failure'))		

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Alarm	Attributes	Applicable major releases
Clearing condition: NOT (('Outstanding Alarms'anyBit'Signal Failure') AND ('Report Alarms'anyBit'Signal Failure'))		
Remedial action: One of the following conditions exists on the physical interface which must be corrected. A cable/fiber fault exists which must be corrected - check to ensure that the cable is not faulty and is properly connected. The port is faulty - run diagnostics on the port to determine the nature of the fault.		

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Table 29-34 FanFailure

Alarm	Attributes	Applicable major releases
Name: FanFailure (624) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.FanTray	Severity: critical Implicitly cleared: true Default probable cause: fanFailure (116)	<ul style="list-style-type: none"> • 7.1.1 • 7.2.1 • 7.3.1 • 7.3.2
Description: The alarm is raised when the associated fan is not operationally Up.		
Raising condition: (('Device State' EQUAL 'Failed') OR ('Device State' EQUAL 'Unknown') OR ('Device State' EQUAL 'OutOfservice'))		
Clearing condition: ('Device State' EQUAL 'OK')		
Remedial action: Remove and reset the fan unit. If this does not resolve the problem replace the fan.		

Table 29-35 FanTrayRemoved

Alarm	Attributes	Applicable major releases
Name: FanTrayRemoved (569) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.FanTray	Severity: critical Implicitly cleared: true Default probable cause: FanTrayRemoved (438)	<ul style="list-style-type: none"> • 7.1.1 • 7.2.1 • 7.3.1 • 7.3.2
Description: The alarm is raised when the deviceState attribute has a value of deviceNotEquipped.		
Raising condition: ('Device State' EQUAL 'Not Equipped')		
Clearing condition: ('Device State' NOT EQUAL 'Not Equipped')		
Remedial action: Informational - a fan tray has been removed from the NE.		

Table 29-36 FrameSizeProblem (netw)

Alarm	Attributes	Applicable major releases
Name: FrameSizeProblem (37) Type: configurationAlarm (11) Package: netw Raised on class: netw.StatefullConnectableInterface	Severity: critical Implicitly cleared: true Default probable cause: frameSizeProblem (33)	<ul style="list-style-type: none"> • 7.1.1 • 7.2.1 • 7.3.1 • 7.3.2
Description: The alarm is raised when a provisioned MTU size value is greater than the supported MTU size value.		
Raising condition: (('mtuMismatch' EQUAL 'true') AND ('portId' NOT EQUAL '0L'))		
Clearing condition: (('mtuMismatch' EQUAL 'false') OR ('portId' EQUAL '0L'))		
Remedial action: A configuration error has been made which must be corrected. The MTU value must be changed such that is less than or equal to the supported MTU size value.		

Table 29-37 FrameSizeProblem (svt)

Alarm	Attributes	Applicable major releases
Name: FrameSizeProblem (37) Type: configurationAlarm (11) Package: svt Raised on class: svt.SdpBinding	Severity: critical Implicitly cleared: true Default probable cause: frameSizeProblem (33)	<ul style="list-style-type: none"> • 7.3.2
Description: The alarm is raised when a provisioned MTU size value is greater than the supported MTU size value.		
Raising condition: (('Operational State' EQUAL 'MTU Mismatch') OR ('Operational State' EQUAL 'Tunnel MTU Too Small'))		
Clearing condition: (('Operational State' NOT EQUAL 'MTU Mismatch') AND ('Operational State' NOT EQUAL 'Tunnel MTU Too Small'))		
Remedial action: The MTU value must be changed such that is is less than or equal to the supported MTU size value.		

Table 29-38 GaPeerDown

Alarm	Attributes	Applicable major releases
Name: GaPeerDown (3303) Type: EpcAlarm (59) Package: Iteggns Raised on class: Iteggns.GaPeer	Severity: major Implicitly cleared: true Default probable cause: EPSPeerDown (602)	<ul style="list-style-type: none"> • 7.1.1 • 7.2.1 • 7.3.1 • 7.3.2
Description: The alarm is raised when the path management state of a Ga peer changes to a state other than Up.		
Raising condition: ('Path Management State' NOT EQUAL 'Active')		
Clearing condition: ('Path Management State' EQUAL 'Active')		
Remedial action: A Ga reference point (peer) is operationally down for one of the following reasons: the underlying IP or physical interface is down, the far end peer is down or the underlying transport between this NE and the peer NE is down. To resolve the issue ensure that the IP/physical interface is up, check that the far end peer is operational and check that the underlying transport network is up.		

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Table 29-39 IfVlanSubTypeConflict

Alarm	Attributes	Applicable major releases
Name: IfVlanSubTypeConflict (213) Type: configurationAlarm (11) Package: vlan Raised on class: vlan.L2AccessInterface	Severity: major Implicitly cleared: true Default probable cause: topologyMisconfigured (81)	<ul style="list-style-type: none"> • 7.1.1 • 7.2.1 • 7.3.1 • 7.3.2
Description: The alarm is raised when more than one type of VLAN service is configured with the same VLAN ID. The alarm is raised against an L2 access interface.		
Raising condition: ('vlanSubTypeConflict' EQUAL 'true')		
Clearing condition: ('vlanSubTypeConflict' EQUAL 'false')		
Remedial action: Ensure that only one type of VLAN Service is configured with the VLAN ID used by this Interface.		

Table 29-40 IgmpDown

Alarm	Attributes	Applicable major releases
Name: IgmpDown (158) Type: ProtocolAlarm (1) Package: igmp Raised on class: igmp.Site	Severity: critical Implicitly cleared: true Default probable cause: protocolDown (1)	<ul style="list-style-type: none"> • 7.1.1 • 7.2.1 • 7.3.1 • 7.3.2
Description: The alarm is raised when an IGMP site has an Operational State other than Up, and the Administrative State is Up.		
Raising condition: (('Administrative State' EQUAL 'Up') AND ('Operational State' NOT EQUAL 'Up'))		
Clearing condition: (('Operational State' EQUAL 'Up') OR ('Administrative State' NOT EQUAL 'Up'))		
Remedial action: While configured under VPRN, check if VPRN site is admin down, or if route distinguisher is not configured.		

Table 29-41 IgmpSnoopingDown

Alarm	Attributes	Applicable major releases
Name: IgmpSnoopingDown (161) Type: ProtocolAlarm (1) Package: layer2 Raised on class: layer2.Bridge	Severity: warning Implicitly cleared: true Default probable cause: protocolDown (1)	<ul style="list-style-type: none"> • 7.1.1 • 7.2.1 • 7.3.1 • 7.3.2
Description: The alarm is raised when IGMP snooping is disabled on an NE and a TLS VLAN or MVR VLAN service is provisioned on the NE.		
Raising condition: ('IGMP Snooping' EQUAL 'Disabled')		
Clearing condition: ('IGMP Snooping' EQUAL 'Enabled')		
Remedial action: To clear the alarm, enable IGMP Snooping under the Bridge Instance.		

Table 29-42 IncompleteConfiguration

Alarm	Attributes	Applicable major releases
Name: IncompleteConfiguration (1942) Type: operationalViolation (93) Package: netw Raised on class: netw.NetworkElement	Severity: warning Implicitly cleared: true Default probable cause: incompleteConfig (225)	<ul style="list-style-type: none"> • 7.1.1 • 7.2.1 • 7.3.1 • 7.3.2
Description: The alarm is raised when a pre-provisioned NE has no objects configured beneath it.		
Raising condition: (('State' EQUAL 'Pre-provisioned') AND ('eNodeB Equipment' EQUAL '\'))		
Clearing condition: (('State' EQUAL 'Pre-provisioned') AND ('eNodeB Equipment' NOT EQUAL '\'))		
Remedial action: A configuration error has been made which must be corrected. The configuration of the pre-provisioned NE is incomplete. A work order was not associated with the pre-provisioned NE and as a consequence the attempt to auto-configure the NE failed.		

Table 29-43 InterfaceDown (netw)

Alarm	Attributes	Applicable major releases
Name: InterfaceDown (36) Type: InterfaceAlarm (13) Package: netw Raised on class: netw.StatefullConnectableInterface	Severity: critical Implicitly cleared: true Default probable cause: interfaceDown (32)	<ul style="list-style-type: none"> • 7.1.1 • 7.2.1 • 7.3.1 • 7.3.2
Description: The alarm is raised when an interface or underlying resource fails, as indicated by an interface compositeState attribute value of failed or underlyingResourceFailed.		
Raising condition: (('compositeState' EQUAL 'Inoperable') OR ('compositeState' EQUAL 'Underlying Resource Inoperable'))		
Clearing condition: (('compositeState' NOT EQUAL 'Inoperable') AND ('compositeState' NOT EQUAL 'Underlying Resource Inoperable'))		
Remedial action: A physical port (physical interface, LAG, channel) associated with the network interface is not operation. Ensure that the interface is cabled and that there is not a configuration error (i.e. MTU size set incorrectly) on the interface. Once the issue w		

Table 29-44 IsisDown

Alarm	Attributes	Applicable major releases
Name: IsisDown (19) Type: ProtocolAlarm (1) Package: isis Raised on class: isis.Site	Severity: critical Implicitly cleared: true Default probable cause: protocolDown (1)	<ul style="list-style-type: none"> • 7.1.1 • 7.2.1 • 7.3.1 • 7.3.2
Description: The alarm is raised when an IS-IS site has an Operational State other than Up, and the Administrative State is Up.		
Raising condition: (('Administrative State' EQUAL 'Up') AND ('Operational State' NOT EQUAL 'Up'))		

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Alarm	Attributes	Applicable major releases
Clearing condition: (('Operational State' EQUAL 'Up') OR ('Administrative State' NOT EQUAL 'Up'))		
Remedial action: The protocol is not working anymore, could be a problem with IP addresses, resources on the device, ...		

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Table 29-45 LabelProblem

Alarm	Attributes	Applicable major releases
Name: LabelProblem (98) Type: CircuitAlarm (17) Package: svt Raised on class: svt.SdpBinding	Severity: critical Implicitly cleared: true Default probable cause: labelProblem (84)	<ul style="list-style-type: none"> 7.3.2
Description: The alarm is raised when an ingress or an egress label is missing.		
Raising condition: (('Operational State' EQUAL 'No Egress Label') OR ('Operational State' EQUAL 'No Ingress Label') OR ('Operational State' EQUAL 'No Labels'))		
Clearing condition: (('Operational State' NOT EQUAL 'No Egress Label') AND ('Operational State' NOT EQUAL 'No Ingress Label') AND ('Operational State' NOT EQUAL 'No Labels'))		
Remedial action: An ingress or egress label is missing for the SDP binding.		

Table 29-46 LagDown

Alarm	Attributes	Applicable major releases
Name: LagDown (20) Type: equipmentAlarm (3) Package: lag Raised on class: lag.Interface	Severity: critical Implicitly cleared: true Default probable cause: lagDown (17)	<ul style="list-style-type: none"> 7.1.1 7.2.1 7.3.1 7.3.2
Description: The alarm is raised when all ports in a LAG are operationally down.		
Raising condition: (('Administrative State' EQUAL 'Up') AND ('operationalState' NOT EQUAL 'Up'))		
Clearing condition: (('operationalState' EQUAL 'Up') OR ('Administrative State' NOT EQUAL 'Up'))		
Remedial action: This alarm indicates that all physical Ethernet links associated with a LAG are operationally down. The reasons for the links to be down may vary from link to link. The following possible causes of this alarm should be investigated. The physical port (near end or far end may have failed - this can be remedied by replacing the interface card in question. The physical links may have been turned down administratively - re-enable the links. A cable failure or disconnect may have occurred - please ensure that the cables are properly connected to the physical port and and that the cable has not been damaged.		

Table 29-47 LagPortAddFailed

Alarm	Attributes	Applicable major releases
Name: LagPortAddFailed (422) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.PhysicalPort	Severity: warning Implicitly cleared: true Default probable cause: linkDown (315)	<ul style="list-style-type: none"> • 7.1.1 • 7.2.1 • 7.3.1 • 7.3.2
Description: The alarm is raised when the Lag Port Add function Fails.		
Raising condition: (('state' EQUAL 'Link Down') AND ('LAG ID' > '0'))		
Clearing condition: (('state' NOT EQUAL 'Link Down') OR ('LAG ID' EQUAL '0'))		
Remedial action: A configuration error has occurred which must be corrected. The link that was to be added to the LAG group may be of the wrong type (i.e. non ethernet) or the limit of the number of links supported in a LAG may have been reached.		

Table 29-48 LicensedLimitExceeded

Alarm	Attributes	Applicable major releases
Name: LicensedLimitExceeded (127) Type: licensingAlarm (23) Package: security Raised on class: security.ProductLicense	Severity: critical Implicitly cleared: true Default probable cause: licensedLimitExceeded (106)	<ul style="list-style-type: none"> • 7.1.1 • 7.2.1 • 7.3.1 • 7.3.2
Description: The alarm is raised when the license items in the network exceeds 100 percent of the license capacity.		
Raising condition: ('Exceeded' EQUAL 'true')		
Clearing condition: ('Exceeded' NOT EQUAL 'true')		
Remedial action: Informational - The number of SAM licenses purchased and available on the SAM server is insufficient as compared to the number of NEs/MDA/Cells under management in the network. Please contact Alcatel-Lucent Sales to purchase additional licenses.		

Table 29-49 LinkDown (equipment)

Alarm	Attributes	Applicable major releases
Name: LinkDown (12) Type: communicationsAlarm (4) Package: equipment Raised on class: equipment.Equipment	Severity: major Implicitly cleared: true Default probable cause: portLinkProblem (10)	<ul style="list-style-type: none"> • 7.1.1 • 7.2.1 • 7.3.1 • 7.3.2
Description: The alarm is raised when a port has no associated physical link or remote end point is operationally down.		
Raising condition: (('compositeEquipmentState' EQUAL 'Link Down') OR ('compositeEquipmentState' EQUAL 'Oper Down'))		
Clearing condition: (('compositeEquipmentState' NOT EQUAL 'Link Down') AND ('compositeEquipmentState' NOT EQUAL 'Oper Down'))		
Remedial action: Please make sure that port has physical link and remote end point is operationally up.		

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Table 29-50 LowTemperatureDetected

Alarm	Attributes	Applicable major releases
Name: LowTemperatureDetected (1127) Type: environmentalAlarm (2) Package: equipment Raised on class: equipment.Shelf	Severity: major Implicitly cleared: true Default probable cause: equipmentOvercooled (838)	<ul style="list-style-type: none"> • 7.1.1 • 7.2.1 • 7.3.1 • 7.3.2
Description: The alarm is raised when the chassis temperature falls below the minimum threshold.		
Raising condition: ('Low Temperature State' EQUAL 'Low')		
Clearing condition: ('Low Temperature State' NOT EQUAL 'Low')		
Remedial action: The NE has detected internal temperatures which are abnormally low. This may happen when the environment that the NE is operating in may not be within specifications found in the NE user guides.		

Table 29-51 LowTemperatureThresholdCrossed

Alarm	Attributes	Applicable major releases
Name: LowTemperatureThresholdCrossed (1128) Type: environmentalAlarm (2) Package: equipment Raised on class: equipment.Environment	Severity: major Implicitly cleared: true Default probable cause: equipmentOvercooled (838)	<ul style="list-style-type: none"> • 7.1.1 • 7.2.1 • 7.3.1 • 7.3.2
Description: The alarm is raised when a low-temperature threshold is crossed.		
Raising condition: ('lowTemperatureThresholdCrossed' EQUAL 'true')		
Clearing condition: ('lowTemperatureThresholdCrossed' EQUAL 'false')		
Remedial action: The NE has detected internal temperatures which are abnormally high. This could be caused by a failed fan unit or one or more dirty fan filters. Replacing the failed unit or filters should resolve the problem. Alternately the environment that the NE is operating in may not be within specifications found in the NE user guides.		

Table 29-52 LpsViolation

Alarm	Attributes	Applicable major releases
Name: LpsViolation (518) Type: learnedPortSecurityAlarm (51) Package: lps Raised on class: lps.LearnedPortSecurity	Severity: major Implicitly cleared: true Default probable cause: learnedPortSecurityViolation (393)	<ul style="list-style-type: none"> • 7.1.1 • 7.2.1 • 7.3.1 • 7.3.2
Description: The alarm is raised when the 5620 SAM detects an LPS violation.		
Raising condition: ('Operational State' EQUAL 'Security Violated')		
Clearing condition: ('Operational State' EQUAL 'Down')		
Remedial action: Port reset is required to return the port to normal operation.		

Table 29-53 macMoveRateExceeded (service)

Alarm	Attributes	Applicable major releases
Name: macMoveRateExceeded (3690) Type: accessInterfaceAlarm (40) Package: service Raised on class: service.AccessInterface	Severity: minor Implicitly cleared: true Default probable cause: MacMoveRateExceeded (1429)	<ul style="list-style-type: none"> • 7.1.1 • 7.2.1 • 7.3.1 • 7.3.2
Description: The alarm is raised when the SAP exceeds the MAC Move Frequency of the service site.		
Raising condition: ('State Cause'anyBit'Relearn Limit Exceeded')		
Clearing condition: NOT (('State Cause'anyBit'Relearn Limit Exceeded'))		
Remedial action: Informational.		

Table 29-54 macMoveRateExceededNonBlock (service)

Alarm	Attributes	Applicable major releases
Name: macMoveRateExceededNonBlock (4893) Type: accessInterfaceAlarm (40) Package: service Raised on class: service.AccessInterface	Severity: info Implicitly cleared: true Default probable cause: MacMoveRateExceededNonBlock (1951)	<ul style="list-style-type: none"> • 7.1.1 • 7.2.1 • 7.3.1 • 7.3.2
Description: The alarm is raised when the SAP exceeds the MAC Move Frequency of the service site when limitMacMove(sapTIsLimitMacMove) is set to 'nonBlocking'.		
Raising condition: ('State Cause'anyBit'Relearn Limit Exceeded')		
Clearing condition: NOT (('State Cause'anyBit'Relearn Limit Exceeded'))		
Remedial action: Informational - User can adjust the value of 'MAC Move Maximum Rate' to reduce the frequency of this alarm.		

Table 29-55 MepAISReceivedAlarm

Alarm	Attributes	Applicable major releases
Name: MepAISReceivedAlarm (2945) Type: oamAlarm (18) Package: ethernetToam Raised on class: ethernetToam.Mep	Severity: variable Implicitly cleared: true Default probable cause: missingRemoteMep (388)	<ul style="list-style-type: none"> • 7.3.1 • 7.3.2
Description: The alarm is raised when a MEP receives AIS test frames from one or more of its sub-layer MEPs.		
Raising condition: (('AIS Received (AisRx)' EQUAL 'true') AND ('Facility VLAN ID' EQUAL '0'))		
Clearing condition: ('AIS Received (AisRx)' EQUAL 'false')		
Remedial action: This alarm indicates that it has received a MEP fault from a sub-layer MEP, user should investigate the fault cause on the sub-layer MEP and resolve this root cause issue.		

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Table 29-56 MobileConnectorDown

Alarm	Attributes	Applicable major releases
Name: MobileConnectorDown (1064) Type: EpcAlarm (59) Package: Iteservice Raised on class: Iteservice.MobileServiceConnector	Severity: minor Implicitly cleared: true Default probable cause: EpcDown (519)	<ul style="list-style-type: none"> • 7.1.1 • 7.2.1 • 7.3.1 • 7.3.2
Description: The alarm is raised when the 5620 SAM no longer manages the EPS path instance of this mobile service site. As a result, the service must be regenerated.		
Raising condition: ('EPS Path' EQUAL '\\"')		
Clearing condition: ('EPS Path' NOT EQUAL '\\"')		
Remedial action: The underlying transport network has gone down resulting in the deletion of a mobile service connector (EPS path). Correct the issue with the transport network and regenerate the mobile service connector by clicking on the re-calculate button on the mobile service properties form.		

Table 29-57 MvrSiteDown

Alarm	Attributes	Applicable major releases
Name: MvrSiteDown (162) Type: ProtocolAlarm (1) Package: layer2 Raised on class: layer2.MvrSite	Severity: warning Implicitly cleared: true Default probable cause: protocolDown (1)	<ul style="list-style-type: none"> • 7.1.1 • 7.2.1 • 7.3.1 • 7.3.2
Description: The alarm is raised when MVR is disabled on an NE and a TLS VLAN or MVR VLAN service is provisioned on the NE.		
Raising condition: ('MVR Admin Status' EQUAL 'Disabled')		
Clearing condition: ('MVR Admin Status' EQUAL 'Enabled')		
Remedial action: To clear the alarm, enable MVR Admin Status under the Bridge Instance.		

Table 29-58 NeighborDown

Alarm	Attributes	Applicable major releases
Name: NeighborDown (121) Type: NeighborDown (20) Package: ospf Raised on class: ospf.AbstractNeighbor	Severity: major Implicitly cleared: true Default probable cause: NeighborDown (103)	<ul style="list-style-type: none"> • 7.1.1 • 7.2.1 • 7.3.1 • 7.3.2
Description: The alarm is raised when an OSPF interface neighbor is operationally Down.		
Raising condition: ('Operational State' NOT EQUAL 'full')		
Clearing condition: ('Operational State' EQUAL 'full')		

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Alarm	Attributes	Applicable major releases
Remedial action: This alarm is raised when the OSPF interface neighbor is operationally down. The situation may occur if the underlying physical interface is down either because of administrative disabling or a fault on the far end port or due to a cable connection or cable failure. This alarm will also be raised if the underlying transport network fails or is unreliable. Resolving the underlying instability in the transport network will correct this problem.		

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Table 29-59 NeManagementAndTrapManagementMismatch

Alarm	Attributes	Applicable major releases
Name: NeManagementAndTrapManagementMismatch (1079) Type: communicationsAlarm (4) Package: netw Raised on class: netw.NetworkElement	Severity: warning Implicitly cleared: true Default probable cause: neManagementChange (817)	<ul style="list-style-type: none"> • 7.1.1 • 7.2.1 • 7.3.1 • 7.3.2
Description: This user-defined alarm is raised when the NE configuration is one of the following: - The Active Management IP is set to Out Of Band, and the Primary Route Preference is set to In Band. - The Active Management IP is set to In Band, and the Primary Route Preference is set to Out of Band.		
Raising condition: (((('Active Management IP' EQUAL 'In Band') AND (('Management IP Selection' EQUAL 'In Band Preferred') OR ('Management IP Selection' EQUAL 'In Band Only')) AND ('Primary Route Preference' EQUAL 'Out Of Band') AND ('Secondary Route Preference' EQUAL 'In Band')) OR (('Active Management IP' EQUAL 'Out Of Band') AND (('Management IP Selection' EQUAL 'Out Of Band Preferred') OR ('Management IP Selection' EQUAL 'Out Of Band Only')) AND ('Primary Route Preference' EQUAL 'In Band') AND ('Secondary Route Preference' EQUAL 'Out Of Band')))		
Clearing condition: (((('Active Management IP' EQUAL 'In Band') AND (('Management IP Selection' EQUAL 'In Band Preferred') OR ('Management IP Selection' EQUAL 'In Band Only')) AND ('Primary Route Preference' EQUAL 'In Band')) OR (('Active Management IP' EQUAL 'Out Of Band') AND (('Management IP Selection' EQUAL 'Out Of Band Preferred') OR ('Management IP Selection' EQUAL 'Out Of Band Only')) AND ('Primary Route Preference' EQUAL 'Out Of Band')))		
Remedial action: A configuration error has been made which must be corrected. The parameters described in the description for this alarm must match.		

Table 29-60 NewSsh2ServerKeyDetected

Alarm	Attributes	Applicable major releases
Name: NewSsh2ServerKeyDetected (285) Type: communicationsAlarm (4) Package: security Raised on class: security.KnownHostKey	Severity: warning Implicitly cleared: true Default probable cause: ssh2ServerKeyMismatch (217)	<ul style="list-style-type: none"> • 7.1.1 • 7.2.1 • 7.3.1 • 7.3.2
Description: The alarm is raised when a 5620 SAM main server detects a new public SSH key.		
Raising condition: ('SSH2 Server Key Status' EQUAL 'Mismatch SSH2 Host Key')		
Clearing condition: ('SSH2 Server Key Status' EQUAL 'Active SSH2 Host Key')		
Remedial action: Informational - possible security breach. The SSH key of the router is different from the one known to the SAM server.		

Table 29-61 NodeDatabaseFallbackDetected

Alarm	Attributes	Applicable major releases
Name: NodeDatabaseFallbackDetected (2923) Type: communicationsAlarm (4) Package: netw Raised on class: netw.NetworkElement	Severity: major Implicitly cleared: true Default probable cause: nodeDatabaseFallback (1121)	<ul style="list-style-type: none"> • 7.1.1 • 7.2.1 • 7.3.1 • 7.3.2
Description: The alarm is raised when a configuration fallback is detected on the node and comes back up with a previous configuration. To correct this situation it might be necessary to reconfigure the node, or perform full resync its database with the 'fallback' configuration returned by the node.		
Raising condition: ('State' EQUAL 'Node Configuration Fallback')		
Clearing condition: ('State' EQUAL 'Managed')		
Remedial action: the NE has come back to a previous configuration. Perform a manual Full Resync or a Reconfigure of the NE		

Table 29-62 NodeDatabaseMisalignmentDetected

Alarm	Attributes	Applicable major releases
Name: NodeDatabaseMisalignmentDetected (2924) Type: communicationsAlarm (4) Package: netw Raised on class: netw.NetworkElement	Severity: major Implicitly cleared: true Default probable cause: nodeDatabaseMisalignment (1122)	<ul style="list-style-type: none"> • 7.1.1 • 7.2.1 • 7.3.1 • 7.3.2
Description: The alarm is raised when a configuration misalignment has been detected on the node and comes back up with an unexpected configuration (configuration change triggered by external tool) To correct this situation it might be necessary to reconfigure the node with the 5620 SAM's old configuration or accept the new configuration received from the node.		
Raising condition: ('State' EQUAL 'Node Configuration Misalignment')		
Clearing condition: ('State' EQUAL 'Managed')		
Remedial action: the NE configuration is misaligned. Perform a resync in order to update SAM configuration according to the NE.		

Table 29-63 NodeSuspended

Alarm	Attributes	Applicable major releases
Name: NodeSuspended (5123) Type: communicationsAlarm (4) Package: netw Raised on class: netw.NetworkElement	Severity: critical Implicitly cleared: true Default probable cause: NodeSuspend (2057)	<ul style="list-style-type: none"> • 7.1.1 • 7.2.1 • 7.3.1 • 7.3.2
Description: The alarm is raised when the 5620 SAM detects an NE moved to suspend state as per user request.		
Raising condition: ('SNMP Reachability' EQUAL 'Suspended')		
Clearing condition: ('SNMP Reachability' NOT EQUAL 'Suspended')		
Remedial action: This alarm is raised when user suspends the network element. The alarm will be cleared when the network element is managed back.		

Table 29-64 OrphanNodeDetected

Alarm	Attributes	Applicable major releases
Name: OrphanNodeDetected (4866) Type: discoveryControlAlarm (33) Package: netw Raised on class: netw.AdvertisedNode	Severity: major Implicitly cleared: true Default probable cause: nodeNotMangedByAnyEms (1934)	<ul style="list-style-type: none"> • 7.1.1 • 7.2.1 • 7.3.1 • 7.3.2
Description: The alarm is raised when node is node managed by any EMS after n retries(threshold crossed) it is manually cleared by the operator or when the node is discovered.		
Raising condition: ('State' EQUAL 'Orphan')		
Remedial action: The NE is not managed by any SAM.Add an discovery rule in order to managed it.		

Table 29-65 OspflInterfaceDown

Alarm	Attributes	Applicable major releases
Name: OspflInterfaceDown (141) Type: OspflInterfaceDown (24) Package: ospf Raised on class: ospf.Interface	Severity: warning Implicitly cleared: true Default probable cause: OspflInterfaceDown (112)	<ul style="list-style-type: none"> • 7.1.1 • 7.2.1 • 7.3.1 • 7.3.2
Description: The alarm is raised when an OSPF interface is operationally down.		
Raising condition: ('operationalState' EQUAL 'Down')		
Clearing condition: ('operationalState' NOT EQUAL 'Down')		
Remedial action: This alarm is raised when the OSPF interface is operationally down. The situation may occur if the underlying physical interface is down either because of administrative disabling or a fault on the far end port or due to a cable connection or cable failure. This alarm will also be raised if the underlying transport network fails or is unreliable. Resolving the underlying instability in the transport network will correct this problem.		

Table 29-66 OverTemperatureDetected

Alarm	Attributes	Applicable major releases
Name: OverTemperatureDetected (388) Type: environmentalAlarm (2) Package: equipment Raised on class: equipment.Shelf	Severity: major Implicitly cleared: true Default probable cause: equipmentOverheated (5)	<ul style="list-style-type: none"> • 7.1.1 • 7.2.1 • 7.3.1 • 7.3.2
Description: The alarm is raised when the chassis temperature exceeds the maximum threshold value.		
Raising condition: ('Over Temperature State' EQUAL 'Over')		
Clearing condition: ('Over Temperature State' NOT EQUAL 'Over')		
Remedial action: The NE has detected internal temperatures which are abnormally high. This could be caused by a failed fan unit or one or more dirty fan filters. Replacing the failed unit or filters should resolve the problem. Alternately the environment that the NE is operating in may not be within specifications found in the NE user guides.		

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Table 29-67 PartialResyncProblem

Alarm	Attributes	Applicable major releases
Name: PartialResyncProblem (4401) Type: communicationsAlarm (4) Package: netw Raised on class: netw.NetworkElement	Severity: warning Implicitly cleared: true Default probable cause: partialResyncProblem (1578)	<ul style="list-style-type: none"> • 7.1.1 • 7.2.1 • 7.3.1 • 7.3.2
Description: The alarm is raised when a partial resync on an NE fails. For example, when resyncing only some MIB entries as opposed to a full resync. The periodic reachability test (sysUpTime) is not considered a partial resync, neither is a full resync. However, a PartialResyncProblem alarm can only be reset by a FullResync.		
Raising condition: ('partialResyncStatus' EQUAL 'Partial Resync Failed')		
Clearing condition: ('partialResyncStatus' EQUAL 'Partial Resync Done')		
Remedial action: Informational - if the alarm persists or is occurring frequently then investigation is required to understand a) why the underlying transport network is unreliable or b) why the NE is too busy to respond to 5620 SAM or c) has SNMP been disabled on the NE.		

Table 29-68 PersistentIndexParametersMisconfigured

Alarm	Attributes	Applicable major releases
Name: PersistentIndexParametersMisconfigured (173) Type: configurationAlarm (11) Package: netw Raised on class: netw.NetworkElement	Severity: major Implicitly cleared: true Default probable cause: persistentIndexConfigurationMismatch (136)	<ul style="list-style-type: none"> • 7.1.1 • 7.2.1 • 7.3.1 • 7.3.2
Description: The alarm is raised when persistence is set to Off in the NE BOF.		
Raising condition: (('Persistent SNMP Indices' EQUAL 'False') OR (('hasRedundantProcessorCards' EQUAL 'true') AND ('Redundant Synchronization Mode' EQUAL 'None')))		
Clearing condition: (('Persistent SNMP Indices' EQUAL 'True') AND (('hasRedundantProcessorCards' EQUAL 'false') OR ('Redundant Synchronization Mode' NOT EQUAL 'None')))		
Remedial action: A configuration error has occurred that must be corrected. Use the CLI on the NE to enable persistency in the BOF. The discovery process will complete on the next discovery scan. A re-scan can be triggered immediately for the NE from within the discovery manager		

Table 29-69 PimDown

Alarm	Attributes	Applicable major releases
Name: PimDown (184) Type: ProtocolAlarm (1) Package: pim Raised on class: pim.Site	Severity: critical Implicitly cleared: true Default probable cause: protocolDown (1)	<ul style="list-style-type: none"> • 7.1.1 • 7.2.1 • 7.3.1 • 7.3.2
Description: The alarm is raised when a PIM site is administratively Up but operationally Down. The alarm is cleared when the PIM site becomes operationally Up but administratively Down.		

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Alarm	Attributes	Applicable major releases
Raising condition: (('Administrative State' EQUAL 'Up') AND ('Operational State' NOT EQUAL 'Up'))		
Clearing condition: (('Operational State' EQUAL 'Up') OR ('Administrative State' NOT EQUAL 'Up'))		
Remedial action: This should never happen. Contact Alcatel-Lucent Customer Support for assistance.		

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Table 29-70 PollerProblem

Alarm	Attributes	Applicable major releases
Name: PollerProblem (31) Type: communicationsAlarm (4) Package: netw Raised on class: netw.NetworkElement	Severity: warning Implicitly cleared: true Default probable cause: resyncFailed (24)	<ul style="list-style-type: none"> • 7.1.1 • 7.2.1 • 7.3.1 • 7.3.2
Description: The alarm is raised when the 5620 SAM is unable to poll a network object, for example, because of intermittent or no IP connectivity to an NE, incorrect SNMP security parameters, or disabled SNMP on the NE.		
Raising condition: ('Resync Status' EQUAL 'Full Resync Failed')		
Clearing condition: ('Resync Status' EQUAL 'Full Resync Done')		
Remedial action: Informational - if the alarm persists or is occurring frequently then investigation is required to understand a) why the underlying transport network is unreliable or b) why the NE is too busy to respond to 5620 SAM or c) has SNMP been disabled on the NE. Once the issue has been resolved SAM will automatically re-attempt.		

Table 29-71 PortEtherSymMonSDAlarm

Alarm	Attributes	Applicable major releases
Name: PortEtherSymMonSDAlarm (5662) Type: communicationsAlarm (4) Package: ethernetequipment Raised on class: ethernetequipment.EthernetPortSpecifics	Severity: major Implicitly cleared: true Default probable cause: etherPortSymMonSDThresholdExceededAlarm (2439)	<ul style="list-style-type: none"> • 7.1.1 • 7.2.1 • 7.3.1 • 7.3.2
Description: The alarm is raised when an Ethernet port Symbol Monitor Failure alarm condition is detected (Signal Degradation Threshold exceeded).		
Raising condition: ('Symbol Alarm Reason' EQUAL 'SD Threshold Exceeded')		
Clearing condition: ('Symbol Alarm Reason' NOT EQUAL 'SD Threshold Exceeded')		
Remedial action: Symbol monitor signal degradation alarm could be cleared by changing/disabling the associated threshold/multiplier values or it is self clearing and will clear once the error rate drops below 1/10th of the configured rate.		

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Table 29-72 PortEtherSymMonSFAlarm

Alarm	Attributes	Applicable major releases
Name: PortEtherSymMonSFAlarm (5663) Type: communicationsAlarm (4) Package: ethernetequipment Raised on class: ethernetequipment.EthernetPortSpecifics	Severity: major Implicitly cleared: true Default probable cause: etherPortSymMonSFThresholdExceededAlarm (2440)	<ul style="list-style-type: none"> • 7.1.1 • 7.2.1 • 7.3.1 • 7.3.2
Description: The alarm is raised when an Ethernet port Symbol Monitor Failure alarm condition is detected (Signal Failure Threshold exceeded).		
Raising condition: ('Symbol Alarm Reason' EQUAL 'SF Threshold Exceeded')		
Clearing condition: ('Symbol Alarm Reason' NOT EQUAL 'SF Threshold Exceeded')		
Remedial action: Symbol monitor signal failure alarm could be cleared by changing/disabling the associated threshold/multiplier values or by taking the port out of service (eg. shutdown, card/mda reset, physical link loss).		

Table 29-73 PowerSupplyFailure

Alarm	Attributes	Applicable major releases
Name: PowerSupplyFailure (633) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.PowerSupplyTray	Severity: critical Implicitly cleared: true Default probable cause: powerSupplyFailure (117)	<ul style="list-style-type: none"> • 7.1.1 • 7.2.1 • 7.3.1 • 7.3.2
Description: The alarm is raised when a power-supply tray reports a failure. When the alarm is raised during device discovery, a power-supply tray may be out of service. When the alarm is raised while the device is in the managed state, a power-supply tray may be out of service or the AC power shelf has a fault condition. The alarm clears when the status changes to OK.		
Raising condition: (('Power Supply 1 Status' EQUAL 'Not Equipped') OR ('Power Supply 1 Status' EQUAL 'Failed'))		
Clearing condition: (('Power Supply 1 Status' EQUAL 'OK'))		
Remedial action: Ensure that the NE is properly connected to power. If the problem persists please contact Alcatel-Lucent support for assistance.		

Table 29-74 PowerSupplyInputFeedDown

Alarm	Attributes	Applicable major releases
Name: PowerSupplyInputFeedDown (5422) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.PowerSupplyTray	Severity: minor Implicitly cleared: true Default probable cause: powerSupplyInputFeedDown (2073)	<ul style="list-style-type: none"> • 7.1.1 • 7.2.1 • 7.3.1 • 7.3.2
Description: This alarm is generated if any one of the input feeds for a given power supply is not supplying power.		
Raising condition: (('inputFeedStatus' EQUAL 'Input A Down') OR ('inputFeedStatus' EQUAL 'Input B Down') OR (('inputFeedStatus'allBits'Input A Down') AND ('inputFeedStatus'allBits'Input B Down'))		

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Alarm	Attributes	Applicable major releases
Clearing condition: ('inputFeedStatus' EQUAL 'None')		
Remedial action: Restore all of the input feeds that are not supplying power.		

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Table 29-75 PowerSupplyRemoved

Alarm	Attributes	Applicable major releases
Name: PowerSupplyRemoved (542) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.PowerSupplyTray	Severity: major Implicitly cleared: true Default probable cause: PowerSupplyRemoved (415)	<ul style="list-style-type: none"> • 7.1.1 • 7.2.1 • 7.3.1 • 7.3.2
Description: The alarm is raised when a chassis power supply is removed.		
Raising condition: ('Power Supply 1 Status' EQUAL 'Not Equipped')		
Clearing condition: ('Power Supply 1 Status' NOT EQUAL 'Not Equipped')		
Remedial action: To recover from this event, the customer is requested to add a new power supply to the system, or change a faulty power supply with a working one.		

Table 29-76 PrimaryImageBootFailure

Alarm	Attributes	Applicable major releases
Name: PrimaryImageBootFailure (191) Type: configurationAlarm (11) Package: sw Raised on class: sw.CardSoftware	Severity: warning Implicitly cleared: true Default probable cause: bootOptionFileMisconfigured (150)	<ul style="list-style-type: none"> • 7.1.1 • 7.2.1 • 7.3.1 • 7.3.2
Description: The alarm is raised when the primary software image specified in an NE BOF is unusable.		
Raising condition: (('imageSource' NOT EQUAL 'Primary') AND ('imageSource' NOT EQUAL 'Unknown'))		
Clearing condition: (('imageSource' EQUAL 'Primary') OR ('imageSource' EQUAL 'Unknown'))		
Remedial action: The SW image on the NE may have been inadvertently corrupted. Download a new copy of the SW image to the NE. If the problem persists contact Alcatel-Lucent support for assistance.		

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Table 29-77 RadiusOperStatusDown

Alarm	Attributes	Applicable major releases
Name: RadiusOperStatusDown (3692) Type: radiusOperStatusDownAlarm (105) Package: netw Raised on class: netw.NetworkElement	Severity: critical Implicitly cleared: true Default probable cause: radiusOperationStatusDown (1431)	<ul style="list-style-type: none"> • 7.1.1 • 7.2.1 • 7.3.1 • 7.3.2
Description: The alarm is raised when all RADIUS servers have gone down.		
Raising condition: ('Global RADIUS Operational State' EQUAL 'Down')		
Clearing condition: ('Global RADIUS Operational State' EQUAL 'Up')		
Remedial action: Verify the RADIUS server is properly configured and radius server state is up. Check the connectivity between SAM server and radius server configured on the Network element.		

Table 29-78 ReachabilityProblem

Alarm	Attributes	Applicable major releases
Name: ReachabilityProblem (243) Type: communicationsAlarm (4) Package: netw Raised on class: netw.NetworkElement	Severity: major Implicitly cleared: true Default probable cause: ReachabilityTestFailed (176)	<ul style="list-style-type: none"> • 7.1.1 • 7.2.1 • 7.3.1 • 7.3.2
Description: The alarm is raised when a mediation poll of the SysUpTimeAlarm object on an NE fails, for example, because of network congestion or because the NE is too busy to respond. The probable cause is an unreachable NE Mediation agent on the NE. The polling interval depends on the NE type and is configurable in nms-server.xml. By default, the 5620 SAM polls a managed NE every four minutes. If a poll fails, the alarm is raised. The alarm clears when the 5620 SAM receives a response from the NE, and the 5620 SAM GUI icon that represents the NE turns from red to green.		
Raising condition: ('SNMP Reachability' EQUAL 'Down')		
Remedial action: Informational - if the alarm persists or is occurring frequently then investigation is required to understand a) why the underlying transport network is unreliable or b) why the NE is too busy to respond to 5620 SAM or c) has SNMP been disabled on the NE. Once the issue has been resolved SAM will automatically re-attempt.		

Table 29-79 ReconfigFailure

Alarm	Attributes	Applicable major releases
Name: ReconfigFailure (1949) Type: communicationsAlarm (4) Package: netw Raised on class: netw.NetworkElement	Severity: critical Implicitly cleared: true Default probable cause: failedReconfig (937)	<ul style="list-style-type: none"> • 7.1.1 • 7.2.1 • 7.3.1 • 7.3.2
Description: This alarm is raised when the reconfig action failed.		
Raising condition: ('State' EQUAL 'Failed')		
Clearing condition: ('State' NOT EQUAL 'Failed')		

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Alarm	Attributes	Applicable major releases
Remedial action: Verify that the object is configured as expected.		

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Table 29-80 RedundantMepMisconfiguration

Alarm	Attributes	Applicable major releases
Name: RedundantMepMisconfiguration (3631) Type: oamAlarm (18) Package: ethernetToam Raised on class: ethernetToam.Mep	Severity: minor Implicitly cleared: true Default probable cause: misconfiguredRedundantMep (1416)	<ul style="list-style-type: none"> • 7.1.1 • 7.2.1 • 7.3.1 • 7.3.2
Description: The alarm is raised when an Active and Redundant MEP do not have the same ID, Operational MAC Address or Sub Group configured.		
Raising condition: ('validRedundantMepConfig' EQUAL 'false')		
Clearing condition: ('validRedundantMepConfig' EQUAL 'true')		
Remedial action: MC-LAG redundant MEP configuration (MEP ID or Mac Address) for Active & Standby Interfaces do not match, this could cause issues with CFM or CCM tests if Active interface changes. Delete and Re-create Standby MEP to match Active.		

Table 29-81 RedundantMepMissing

Alarm	Attributes	Applicable major releases
Name: RedundantMepMissing (3632) Type: oamAlarm (18) Package: ethernetToam Raised on class: ethernetToam.Mep	Severity: minor Implicitly cleared: true Default probable cause: missingRedundantMep (1417)	<ul style="list-style-type: none"> • 7.3.1 • 7.3.2
Description: The alarm is raised when a MEP misses a redundant counterpart on LAG or SAP.		
Raising condition: (('MC-LAG Inactive' NOT EQUAL 'Not Applicable') AND ('Redundant MEP' EQUAL '\'))		
Clearing condition: (('MC-LAG Inactive' EQUAL 'Not Applicable') OR (('MC-LAG Inactive' NOT EQUAL 'Not Applicable') AND ('Redundant MEP' NOT EQUAL '\')))		
Remedial action: MC-LAG redundant MEP is missing Active & Standby Interfaces, this will cause issues with CFM or CCM tests if Active interface changes. Create missing Active/Standby MEP to match existing.		

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Table 29-82 RemoteMepCCMAAlarm

Alarm	Attributes	Applicable major releases
Name: RemoteMepCCMAAlarm (502) Type: oamAlarm (18) Package: ethernetOAM Raised on class: ethernetOAM.Mep	Severity: major Implicitly cleared: true Default probable cause: missingRemoteMep (388)	<ul style="list-style-type: none"> • 7.1.1 • 7.2.1 • 7.3.1 • 7.3.2
Description: The alarm is raised when a MEP loses connectivity with one or more remote MEPs. The Remote MEP DB State tab on a MEP lists the missing remote MEPs.		
Raising condition: ('High-Priority Defect' NOT EQUAL '0')		
Clearing condition: ('High-Priority Defect' EQUAL '0')		
Remedial action: MEP has lost communication with Remote MEP defined in Maintenance Association (MEG) Remote MEP list, Either Remote MEP list is incorrect or diagnose connection fault and resolve.		

Table 29-83 RipDown

Alarm	Attributes	Applicable major releases
Name: RipDown (72) Type: ProtocolAlarm (1) Package: rip Raised on class: rip.Site	Severity: critical Implicitly cleared: true Default probable cause: protocolDown (1)	<ul style="list-style-type: none"> • 7.1.1 • 7.2.1 • 7.3.1 • 7.3.2
Description: The alarm is raised when a RIP site has an Operational State other than Up, and the Administrative State is Up.		
Raising condition: (('Administrative State' EQUAL 'Up') AND ('Operational State' NOT EQUAL 'Up'))		
Clearing condition: (('Operational State' EQUAL 'Up') OR ('Administrative State' NOT EQUAL 'Up'))		
Remedial action: The RIP Site is down while it is administratively up. Please check the node e.g. IOM is not shutdown or installed.		

Table 29-84 SaveConfigFailed

Alarm	Attributes	Applicable major releases
Name: SaveConfigFailed (105) Type: configurationAlarm (11) Package: sw Raised on class: sw.BackupRestoreManager	Severity: major Implicitly cleared: true Default probable cause: fileAccessError (90)	<ul style="list-style-type: none"> • 7.1.1 • 7.2.1 • 7.3.1 • 7.3.2
Description: The alarm is raised when the admin save command on an NE fails.		
Raising condition: ('Config Save State' EQUAL 'Failure')		
Clearing condition: ('Config Save State' EQUAL 'Success')		
Remedial action: Attempt the admin save command a second time. If the problem persists please contact Alcatel-Lucent support for assistance.		

Table 29-85 ScheduledPollerProblem

Alarm	Attributes	Applicable major releases
Name: ScheduledPollerProblem (4386) Type: communicationsAlarm (4) Package: netw Raised on class: netw.NetworkElement	Severity: warning Implicitly cleared: true Default probable cause: scheduledResyncFailed (1569)	<ul style="list-style-type: none"> • 7.1.1 • 7.2.1 • 7.3.1 • 7.3.2
Description: The alarm is raised when the 5620 SAM is unable to poll a network object, for example, because of intermittent or no IP connectivity to an NE, incorrect SNMP security parameters, or disabled SNMP on the NE.		
Raising condition: ('Scheduled Resync Status' EQUAL 'Scheduled Resync Failed')		
Clearing condition: ('Scheduled Resync Status' EQUAL 'Scheduled Resync Done')		
Remedial action: Informational - if the alarm persists or is occurring frequently then investigation is required to understand a) why the underlying transport network is unreliable or b) why the NE is too busy to respond to 5620 SAM or c) has SNMP been disabled on the NE. Once the issue has been resolved SAM will automatically re-attempt.		

Table 29-86 SdpBindingDown

Alarm	Attributes	Applicable major releases
Name: SdpBindingDown (221) Type: SdpBindingAlarm (30) Package: svt Raised on class: svt.SdpBinding	Severity: critical Implicitly cleared: true Default probable cause: SdpBindingNotReady (166)	<ul style="list-style-type: none"> • 7.3.2
Description: The alarm is raised when an SDP binding has an Operational State other than Up.		
Raising condition: (('Operational State' NOT EQUAL 'Up') AND ('State Cause' NOT EQUAL 'Standby For BGP Multi-Homing'))		
Clearing condition: (('Operational State' EQUAL 'Up') OR ('State Cause' EQUAL 'Standby For BGP Multi-Homing'))		
Remedial action: To resolve this alarm check the SDP binding to determine if a configuration mismatch exists. If configuration is determined to be correct then the associated network interface may be down. Further investigation is required to determine why the underlying network interface is down.		

Table 29-87 SdpBindingTunnelDown

Alarm	Attributes	Applicable major releases
Name: SdpBindingTunnelDown (222) Type: CircuitAlarm (17) Package: svt Raised on class: svt.SdpBinding	Severity: critical Implicitly cleared: true Default probable cause: SdpTunnelNotReady (167)	<ul style="list-style-type: none"> • 7.3.2
Description: The alarm is raised when an SDP binding tunnel has an Operational State other than Up.		
Raising condition: (('Operational State' EQUAL 'Tunnel Not Ready') OR ('Operational State' EQUAL 'Tunnel Down'))		
Clearing condition: (('Operational State' NOT EQUAL 'Tunnel Not Ready') AND ('Operational State' NOT EQUAL 'Tunnel Down'))		

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Alarm	Attributes	Applicable major releases
Remedial action: To resolve this alarm check the endpoints of the SDP binding to determine if a configuration mismatch exists. If configuration matches then the underlying network resource between the endpoints of the SDP may be down. Further investigation is required to determine why the underlying transport network is down.		

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Table 29-88 ServiceSiteDown

Alarm	Attributes	Applicable major releases
Name: ServiceSiteDown (97) Type: serviceAlarm (16) Package: service Raised on class: service.Site	Severity: critical Implicitly cleared: true Default probable cause: siteDown (83)	<ul style="list-style-type: none"> • 7.1.1 • 7.2.1 • 7.3.1 • 7.3.2
Description: The alarm is raised when all SAPs on a site are operationally down, or when the service tunnels for the site are operationally down.		
Raising condition: (('Operational State' NOT EQUAL 'Up') AND ('State Cause' NOT EQUAL 'All Spoke SDP Bindings are Standby'))		
Clearing condition: (('Operational State' EQUAL 'Up') OR ('State Cause' EQUAL 'All Spoke SDP Bindings are Standby'))		
Remedial action: The network resources (i.e. physical ports for SAPs, or physical ports/LSP) associated with the service site should be examined to determine if/why they are operationally down. The underlying transport network supporting the site may also be unreliable.		

Table 29-89 SiteManagementVlanConflict

Alarm	Attributes	Applicable major releases
Name: SiteManagementVlanConflict (223) Type: configurationAlarm (11) Package: vlan Raised on class: vlan.Site	Severity: warning Implicitly cleared: true Default probable cause: topologyMisconfigured (81)	<ul style="list-style-type: none"> • 7.1.1 • 7.2.1 • 7.3.1 • 7.3.2
Description: The alarm is raised when the management VLAN ID is used for another type of service.		
Raising condition: ('managementVlanConflict' EQUAL 'true')		
Clearing condition: ('managementVlanConflict' EQUAL 'false')		
Remedial action: Ensure that the VLAN ID of this Management Service Site is not used on any other type of VLAN Service Site.		

Table 29-90 SiteVlanSubTypeConflict

Alarm	Attributes	Applicable major releases
Name: SiteVlanSubTypeConflict (224) Type: configurationAlarm (11) Package: vlan Raised on class: vlan.Site	Severity: major Implicitly cleared: true Default probable cause: topologyMisconfigured (81)	<ul style="list-style-type: none"> • 7.1.1 • 7.2.1 • 7.3.1 • 7.3.2
Description: The alarm is raised when more than one type of VLAN service has the same VLAN ID. The alarm is raised against a site.		
Raising condition: ('vlanSubTypeConflict' EQUAL 'true')		
Clearing condition: ('vlanSubTypeConflict' EQUAL 'false')		
Remedial action: Ensure that only one type of VLAN Service is configured with the VLAN ID used by this Site.		

Table 29-91 SpbSiteDown

Alarm	Attributes	Applicable major releases
Name: SpbSiteDown (4396) Type: ProtocolAlarm (1) Package: spb Raised on class: spb.Site	Severity: critical Implicitly cleared: true Default probable cause: protocolDown (1)	<ul style="list-style-type: none"> • 7.3.2
Description: The alarm is raised when an SPB site has an Operational State other than Up.		
Raising condition: ('Operational State' NOT EQUAL 'Up')		
Clearing condition: ('Operational State' EQUAL 'Up')		
Remedial action: Check if the administrative state is down. If the administrative state is up, then check the ISIS instance associated with the SPB and make sure it is up.		

Table 29-92 StatsRetrieveFailed

Alarm	Attributes	Applicable major releases
Name: StatsRetrieveFailed (244) Type: configurationAlarm (11) Package: sw Raised on class: sw.AccountingStatsRetrievalManager	Severity: major Implicitly cleared: false Default probable cause: fileTransferFailure (89)	<ul style="list-style-type: none"> • 7.1.1 • 7.2.1 • 7.3.1 • 7.3.2
Description: The alarm is raised when the 5620 SAM main or auxiliary server cannot transfer an accounting file from an NE.		
Raising condition: (('Stats Retrieval State' NOT EQUAL 'Success') AND ('Stats Retrieval State' NOT EQUAL 'Not Attempted'))		
Remedial action: Informational - if the alarm persists or is occurring frequently then investigation is required to understand a) why the underlying transport network is unreliable or b) why the NE is too busy or otherwise cannot respond to the 5620 SAM main or auxiliary server.		

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Table 29-93 SubscriberSystemNextHopUsageHigh

Alarm	Attributes	Applicable major releases
Name: SubscriberSystemNextHopUsageHigh (5157) Type: thresholdCrossed (6) Package: netw Raised on class: netw.NetworkElement	Severity: minor Implicitly cleared: true Default probable cause: resourceFull (53)	<ul style="list-style-type: none"> • 7.1.1 • 7.2.1 • 7.3.1 • 7.3.2
Description: The alarm is raised when the IP next-hop usage by subscriber managed routes reaches its high watermark, cleared when it reaches its low watermark again; the watermarks are derived from the limit specified with the property subSysNextHopLimit.		
Raising condition: ('IP Next Hop Usage High' EQUAL 'true')		
Clearing condition: ('IP Next Hop Usage High' EQUAL 'false')		
Remedial action: The alarm is raised when the IP next-hop usage by subscriber managed routes reaches its high watermark, cleared when it reaches its low watermark again; the watermarks are derived from the limit specified with the property subSysNextHopLimit. There is no immediate effect, but when the usage actually hits the limit, new hosts will not get their managed routes.		

Table 29-94 SubSysChassMemoryUsageHi

Alarm	Attributes	Applicable major releases
Name: SubSysChassMemoryUsageHi (5656) Type: thresholdCrossed (6) Package: equipment Raised on class: equipment.Shelf	Severity: minor Implicitly cleared: true Default probable cause: resourceFull (53)	<ul style="list-style-type: none"> • 7.1.1 • 7.2.1 • 7.3.1 • 7.3.2
Description: This alarm is raised when the memory usage by subscriber management on this system or chassis reaches its high watermark ('true').		
Raising condition: ('Memory Usage High' EQUAL 'True')		
Clearing condition: (('Memory Usage High' EQUAL 'False') OR ('Memory Usage High' EQUAL 'unspecified'))		
Remedial action: The memory usage by subscriber management on this system has reached its high watermark. Please check your memory usage.		

Table 29-95 TemperatureThresholdCrossed

Alarm	Attributes	Applicable major releases
Name: TemperatureThresholdCrossed (7) Type: environmentalAlarm (2) Package: equipment Raised on class: equipment.Environment	Severity: major Implicitly cleared: true Default probable cause: equipmentOverheated (5)	<ul style="list-style-type: none"> • 7.1.1 • 7.2.1 • 7.3.1 • 7.3.2
Description: The alarm is raised when a temperature crosses a threshold.		
Raising condition: ('temperatureThresholdCrossed' EQUAL 'true')		

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Alarm	Attributes	Applicable major releases
Clearing condition: ('temperatureThresholdCrossed' EQUAL 'false')		
Remedial action: The NE has detected internal temperatures which are abnormally high. This could be caused by a failed fan unit or one or more dirty fan filters. Replacing the failed unit or filters should resolve the problem. Alternately the environment that the NE is operating in may not be within specifications found in the NE user guides.		

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Table 29-96 TmxEqPortEtherLoopDetected

Alarm	Attributes	Applicable major releases
Name: TmxEqPortEtherLoopDetected (461) Type: portEtherLoopDetected (48) Package: ethernetequipment Raised on class: ethernetequipment.EthernetPortSpecifics	Severity: major Implicitly cleared: true Default probable cause: HighBer (238)	<ul style="list-style-type: none"> • 7.1.1 • 7.2.1 • 7.3.1 • 7.3.2
Description: The alarm is raised when a device detects a physical loop on an Ethernet port.		
Raising condition: (('Down When Looped Status' EQUAL 'Loop Detected'))		
Clearing condition: (('Down When Looped Status' EQUAL 'No Loop Detected'))		
Remedial action: An Ethernet port has been mis-cabled - please remove the loopback cable on the port.		

Table 29-97 TrapDestinationMisconfigured

Alarm	Attributes	Applicable major releases
Name: TrapDestinationMisconfigured (33) Type: configurationAlarm (11) Package: netw Raised on class: netw.NetworkElement	Severity: major Implicitly cleared: true Default probable cause: trapDestinationMisconfigured (26) Applicable probable causes: <ul style="list-style-type: none"> • trapDestinationMisconfigured • duplicateTrapLogId 	<ul style="list-style-type: none"> • 7.1.1 • 7.2.1 • 7.3.1 • 7.3.2
Description: The alarm is raised when the 5620 SAM cannot be added to the NE's SNMP trap destinations.		
Raising condition: ('isTrapDestinationMisconfigured' EQUAL 'true')		
Clearing condition: ('isTrapDestinationMisconfigured' EQUAL 'false')		
Remedial action: A configuration error has been made which must be corrected. The SNMP trap destination on the NE must be configured to the IP address of the SAM server.		

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Table 29-98 TrapReceivingFailure

Alarm	Attributes	Applicable major releases
Name: TrapReceivingFailure (1083) Type: communications (87) Package: netw Raised on class: netw.NetworkElement	Severity: major Implicitly cleared: false Default probable cause: trapsWillNotBeSent (822)	<ul style="list-style-type: none"> • 7.1.1 • 7.2.1 • 7.3.1 • 7.3.2
Description: This user-defined alarm is raised when the NE is unable to send traps because the NE configuration is one of the following: - The Management IP Selection is set to Out Of Band Only, the Primary Route Preference is set to In Band, and the Secondary Route Preference is set to None. - The Management IP Selection is set to In Band Only, the Primary Route Preference is set to Out Of Band, and the Secondary Route Preference is set to None.		
Raising condition: (((('Active Management IP' EQUAL 'In Band') AND ('Management IP Selection' EQUAL 'In Band Only') AND ('Primary Route Preference' EQUAL 'Out Of Band') AND ('Secondary Route Preference' EQUAL 'None')) OR (('Active Management IP' EQUAL 'Out Of Band') AND ('Management IP Selection' EQUAL 'Out Of Band Only') AND ('Primary Route Preference' EQUAL 'In Band') AND ('Secondary Route Preference' EQUAL 'None')) OR (('Active Management IP' EQUAL 'Out Of Band') AND ('Management IP Selection' EQUAL 'In Band Preferred') AND ('Primary Route Preference' EQUAL 'In Band') AND ('Secondary Route Preference' EQUAL 'None')) OR (('Active Management IP' EQUAL 'In Band') AND ('Management IP Selection' EQUAL 'Out Of Band Preferred') AND ('Primary Route Preference' EQUAL 'Out Of Band') AND ('Secondary Route Preference' EQUAL 'None'))))		
Clearing condition: (((('Active Management IP' EQUAL 'In Band') AND ('Management IP Selection' EQUAL 'In Band Only') AND (('Primary Route Preference' EQUAL 'In Band') OR ('Secondary Route Preference' EQUAL 'In Band')) OR (('Active Management IP' EQUAL 'Out Of Band') AND ('Management IP Selection' EQUAL 'Out Of Band Only') AND (('Primary Route Preference' EQUAL 'Out Of Band') OR ('Secondary Route Preference' EQUAL 'Out Of Band')) OR (('Active Management IP' EQUAL 'Out Of Band') AND ('Management IP Selection' EQUAL 'In Band Preferred') AND (('Primary Route Preference' EQUAL 'Out Of Band') OR ('Secondary Route Preference' EQUAL 'Out Of Band')) OR (('Active Management IP' EQUAL 'In Band') AND ('Management IP Selection' EQUAL 'In Band Preferred') AND (('Primary Route Preference' EQUAL 'In Band') OR ('Secondary Route Preference' EQUAL 'In Band')) OR (('Active Management IP' EQUAL 'In Band') AND ('Management IP Selection' EQUAL 'Out Of Band Preferred') AND (('Primary Route Preference' EQUAL 'In Band') OR ('Secondary Route Preference' EQUAL 'In Band')) OR (('Active Management IP' EQUAL 'Out Of Band') AND ('Management IP Selection' EQUAL 'Out Of Band Preferred') AND (('Primary Route Preference' EQUAL 'Out Of Band') OR ('Secondary Route Preference' EQUAL 'Out Of Band'))))		
Remedial action: A configuration error has been made which must be corrected. The configuration error must be corrected per the discussion in the description for this alarm.		

Table 29-99 TrapRoutePreferenceRedundancyMissing

Alarm	Attributes	Applicable major releases
Name: TrapRoutePreferenceRedundancyMissing (1084) Type: communications (87) Package: netw Raised on class: netw.NetworkElement	Severity: warning Implicitly cleared: true Default probable cause: trapsRedundancyMissing (823)	<ul style="list-style-type: none"> • 7.1.1 • 7.2.1 • 7.3.1 • 7.3.2
Description: The user-defined alarm is raised when NE management redundancy is configured without trap route preference redundancy.		
Raising condition: (((('Management IP Selection' EQUAL 'In Band Preferred') AND ('Active Management IP' EQUAL 'In Band') AND ('Primary Route Preference' EQUAL 'In Band') AND ('Secondary Route Preference' EQUAL 'None')) OR (('Management IP Selection' EQUAL 'Out Of Band Preferred') AND ('Active Management IP' EQUAL 'Out Of Band') AND ('Primary Route Preference' EQUAL 'Out Of Band') AND ('Secondary Route Preference' EQUAL 'None'))))		
Clearing condition: (((('Management IP Selection' EQUAL 'In Band Preferred') AND ('Active Management IP' EQUAL 'In Band') AND ('Secondary Route Preference' NOT EQUAL 'None')) OR (('Management IP Selection' EQUAL 'Out Of Band Preferred') AND ('Active Management IP' EQUAL 'Out Of Band') AND ('Secondary Route Preference' NOT EQUAL 'None'))))		

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Alarm	Attributes	Applicable major releases
Remedial action: A configuration error has been made which must be corrected. The IP address of the standby SAM server must be configured on the NE in question.		

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Table 29-100 UnidentifiedNode

Alarm	Attributes	Applicable major releases
Name: UnidentifiedNode (1922) Type: communicationsAlarm (4) Package: netw Raised on class: netw.DiscoveredNode	Severity: major Implicitly cleared: true Default probable cause: unidentifiedNode (922)	<ul style="list-style-type: none"> • 7.1.1 • 7.2.1 • 7.3.1 • 7.3.2
Description: The alarm is raised when the node being discovered can not be properly identified.		
Raising condition: ('State' EQUAL 'Pending Identification')		
Clearing condition: ('State' NOT EQUAL 'Pending Identification')		
Remedial action: A configuration error has occurred that must be corrected. The eNodeB does not have a system name. The name can be configured by selecting the alarm, opening the associated properties form for the alarmed object and configuring the system name.		

Table 29-101 UnmanageFailed

Alarm	Attributes	Applicable major releases
Name: UnmanageFailed (300) Type: discoveryControlAlarm (33) Package: netw Raised on class: netw.NodeDiscoveryControl	Severity: warning Implicitly cleared: true Default probable cause: unableToDeleteNode (231)	<ul style="list-style-type: none"> • 7.1.1 • 7.2.1 • 7.3.1 • 7.3.2
Description: The alarm is raised when an attempt to unmanage an NE fails.		
Raising condition: ('Site State' EQUAL 'Unmanage Failed')		
Clearing condition: ('Site State' NOT EQUAL 'Unmanage Failed')		
Remedial action: Informational - if the alarm persists please contact Alcatel-Lucent support for assistance		

Table 29-102 UpgradedBuildVersionMismatch

Alarm	Attributes	Applicable major releases
Name: UpgradedBuildVersionMismatch (174) Type: configurationAlarm (11) Package: netw Raised on class: netw.NetworkElement	Severity: warning Implicitly cleared: true Default probable cause: upgradedImageNotBooted (137)	<ul style="list-style-type: none"> • 7.1.1 • 7.2.1 • 7.3.1 • 7.3.2

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Alarm	Attributes	Applicable major releases
Description: The alarm is raised when the software version that an NE reports after a software upgrade does not match the version of the software used for the upgrade.		
Raising condition: ('upgradedBuildVersionMismatch' EQUAL 'true')		
Clearing condition: ('upgradedBuildVersionMismatch' EQUAL 'false')		
Remedial action: Informational - if the alarm persists please contact Alcatel-Lucent support for assistance		

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Table 29-103 upgradedCardAlarm

Alarm	Attributes	Applicable major releases
Name: upgradedCardAlarm (255) Type: softwareAlarm (19) Package: equipment Raised on class: equipment.Card	Severity: warning Implicitly cleared: true Default probable cause: upgradedCard (194)	<ul style="list-style-type: none"> • 7.1.1 • 7.2.1 • 7.3.1 • 7.3.2
Description: The alarm is raised when the standby CPM is rebooted and operational after a software upgrade. A device resets an IOM automatically after 120 minutes if the IOM is not manually reset after a CPM upgrade.		
Raising condition: ('operationalState' EQUAL 'Upgrade')		
Clearing condition: ('operationalState' EQUAL 'Up')		
Remedial action: Informational - no corrective action required.		

Table 29-104 VersionConfigRestoreFailed

Alarm	Attributes	Applicable major releases
Name: VersionConfigRestoreFailed (536) Type: configurationAlarm (11) Package: sw Raised on class: sw.BackupRestoreManager	Severity: major Implicitly cleared: true Default probable cause: versionMismatch (405)	<ul style="list-style-type: none"> • 7.1.1 • 7.2.1 • 7.3.1 • 7.3.2
Description: The alarm is raised when the restore procedure on an NE fails because of a mismatch between the backup file set version and the NE software version.		
Raising condition: ('lastNmsVersionRestoreState' EQUAL 'Failure')		
Clearing condition: ('lastNmsVersionRestoreState' EQUAL 'Success')		
Remedial action: The backup files being restored do not match with the version of node software release. Download a new copy of the SW image to the NE. If the problem persists contact Alcatel-Lucent support for assistance.		

Table 29-105 VirtualLinkDown

Alarm	Attributes	Applicable major releases
Name: VirtualLinkDown (122) Type: VirtualLinkAlarm (21) Package: ospf Raised on class: ospf.VirtualLink	Severity: warning Implicitly cleared: true Default probable cause: VirtualLinkDown (104)	<ul style="list-style-type: none"> • 7.1.1 • 7.2.1 • 7.3.1 • 7.3.2
Description: The alarm is raised when a virtual link is Down.		
Raising condition: ('Operational State' EQUAL 'Down')		
Clearing condition: ('Operational State' NOT EQUAL 'Down')		
Remedial action: This alarm is raised when the OSPF virtual link is operationally down. The situation may occur if the underlying physical interface is down either because of administrative disabling or a fault on the far end port or due to a cable connection or cable failure. This alarm will also be raised if the underlying transport network fails or is unreliable. Resolving the underlying instability in the transport network will correct this problem.		

Table 29-106 VirtualNeighborDown

Alarm	Attributes	Applicable major releases
Name: VirtualNeighborDown (123) Type: VirtualNeighborDown (22) Package: ospf Raised on classes: <ul style="list-style-type: none"> • ospf.ShamLink • ospf.VirtualLink 	Severity: warning Implicitly cleared: true Default probable cause: VirtualNeighborDown (105)	<ul style="list-style-type: none"> • 7.1.1 • 7.2.1 • 7.3.1 • 7.3.2
Description: The alarm is raised when a neighbor virtual link is operationally down.		
Raising condition: ('neighborCount' EQUAL '0L')		
Clearing condition: ('neighborCount' NOT EQUAL '0L')		
Remedial action: This alarm is raised when the OSPF neighbor virtual link is operationally down. The situation may occur if the underlying physical interface is down either because of administrative disabling or a fault on the far end port or due to a cable connection or cable failure. This alarm will also be raised if the underlying transport network fails or is unreliable. Resolving the underlying instability in the transport network will correct this problem.		

Table 29-107 WrongCpaaSoftwareVersion

Alarm	Attributes	Applicable major releases
Name: WrongCpaaSoftwareVersion (791) Type: equipmentAlarm (3) Package: netw Raised on class: netw.NetworkElement	Severity: critical Implicitly cleared: true Default probable cause: wrongCpaaSoftwareVersion (559)	<ul style="list-style-type: none"> • 7.1.1 • 7.2.1 • 7.3.1 • 7.3.2
Description: The alarm is raised when the 7701 CPAA software is the wrong version and requires an upgrade.		
Raising condition: (('Software Version' EQUAL "\"TiMOS-B-3.0.Generic \"") AND ('Chassis Type' EQUAL '7701 CPAA'))		

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Alarm	Attributes	Applicable major releases
Clearing condition: (('Software Version' NOT EQUAL 'TIMOS-B-3.0.Generic "') AND ('Chassis Type' EQUAL '7701 CPAA'))		
Remedial action: The SW version of the CPAA must be upgraded to the version compatible with CPAM version.		

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Note – Some alarms that the 5620 SAM can raise against this device may not be listed in this chapter. Associating alarms with specific NE types is an ongoing Alcatel-Lucent effort. If the 5620 SAM raises an alarm against this device type, and the alarm is not described in this chapter, see chapter 41 for information about the alarm.

Table 30-1 AccessInterfaceDown

Alarm	Attributes	Applicable major releases
Name: AccessInterfaceDown (249) Type: AccessInterfaceAlarm (32) Package: service Raised on class: service.AccessInterface	Severity: critical Implicitly cleared: true Default probable cause: interfaceDown (32)	<ul style="list-style-type: none"> • 6.6.1 • 6.6.2 • 6.6.3 • 6.6.4 • 6.6.5
Description: The alarm is raised when an L2 or L3 interface operational state is Down. The alarm is not raised against an L2 access interface that is associated with an MC ring or MC LAG in the standby state.		
Raising condition: (('Operational State' NOT EQUAL 'Up') AND ('State Cause' NOT EQUAL 'Standby For MC-Ring') AND ('State Cause' NOT EQUAL 'Standby For MC-Lag') AND ('State Cause' NOT EQUAL 'Standby For BGP Multi-homing'))		
Clearing condition: (('Operational State' EQUAL 'Up') OR ('State Cause' EQUAL 'Standby For MC-Ring') OR ('State Cause' EQUAL 'Standby For MC-Lag') OR ('State Cause' EQUAL 'Standby For BGP Multi-homing'))		
Remedial action: The condition exists because the physical interface is down either because it is administratively disabled, faulty or a cabling fault has occurred. Ensure that the interface is administratively up. Check for a poor cable connection to the port or for a faulty cable/fiber. If neither appears to be the problem run diagnostics on the port to determine if it is faulty.		

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Table 30-2 ActiveAbnormalCondition

Alarm	Attributes	Applicable major releases
Name: ActiveAbnormalCondition (3938) Type: activeAbnormalConditionAlarm (116) Package: netw Raised on class: netw.NetworkElement	Severity: major Implicitly cleared: true Default probable cause: ActiveAbnormalConditionState (1520)	<ul style="list-style-type: none"> • 6.6.1 • 6.6.2 • 6.6.3 • 6.6.4 • 6.6.5
Description: The alarm is an indication for abnormal condition on NE.		
Raising condition: ('abnormalCondition' EQUAL 'true')		
Clearing condition: ('abnormalCondition' EQUAL 'false')		
Remedial action: This alarm is raised when there is a abnormal state indication on NE.		

Table 30-3 AggregatedVFLPortDown

Alarm	Attributes	Applicable major releases
Name: AggregatedVFLPortDown (5436) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.Shelf	Severity: critical Implicitly cleared: true Default probable cause: connectivityIssue (2137)	<ul style="list-style-type: none"> • 6.6.1 • 6.6.2 • 6.6.3 • 6.6.4 • 6.6.5
Description: The alarm is generated when the aggregated virtual fabric link on the virtual chassis slot is down.		
Raising condition: (('Shelf Type' EQUAL '7850') AND ('Total Slots' EQUAL '4') AND ('Virtual Fabric Link State' NOT EQUAL 'Up'))		
Clearing condition: (('Shelf Type' EQUAL '7850') AND ('Total Slots' EQUAL '4') AND ('Virtual Fabric Link State' EQUAL 'Up'))		
Remedial action: The alarm is raised when the aggregated virtual fabric link on the virtual chassis is down. Please check the virtual fabric links for the virtual chassis setup.		

Table 30-4 AGWDiameterPeerDown

Alarm	Attributes	Applicable major releases
Name: AGWDiameterPeerDown (844) Type: EpcAlarm (59) Package: lte Raised on class: lte.AGWDiameterPeer	Severity: variable Implicitly cleared: true Default probable cause: EPSPeerDown (602)	<ul style="list-style-type: none"> • 6.6.1 • 6.6.2 • 6.6.3 • 6.6.4 • 6.6.5
Description: The alarm is raised when the path management state of a Diameter peer changes to a state other than Up.		
Raising condition: ('Path Diameter Management State' NOT EQUAL 'Active')		
Clearing condition: ('Path Diameter Management State' EQUAL 'Active')		

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Alarm	Attributes	Applicable major releases
Remedial action: A Ga reference point (peer) is operationally down for one of the following reasons: the underlying IP or physical interface is down, the far end peer is down or the underlying transport between this NE and the peer NE is down. To resolve the issue ensure that the IP/physical interface is up, check that the far end peer is operational and check that the underlying transport network is up.		

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Table 30-5 AuxiliaryServerStatus

Alarm	Attributes	Applicable major releases
Name: AuxiliaryServerStatus (311) Type: communicationsAlarm (4) Package: server Raised on class: server.AuxiliaryServer	Severity: critical Implicitly cleared: true Default probable cause: systemFailed (144)	<ul style="list-style-type: none"> • 6.6.1 • 6.6.2 • 6.6.3 • 6.6.4 • 6.6.5
Description: The alarm is raised when a 5620 SAM main server cannot communicate with an auxiliary server. The alarm clears when communication is restored.		
Raising condition: ('Server Status' EQUAL 'Down')		
Clearing condition: ('Server Status' EQUAL 'Up')		
Remedial action: Informational - if the alarm persists or is occurring frequently then investigation is required to understand why the connectivity between the AUX and SAM servers is unreliable.		

Table 30-6 BootableConfigBackupFailed

Alarm	Attributes	Applicable major releases
Name: BootableConfigBackupFailed (103) Type: configurationAlarm (11) Package: sw Raised on class: sw.BackupRestoreManager	Severity: major Implicitly cleared: true Default probable cause: fileTransferFailure (89)	<ul style="list-style-type: none"> • 6.6.1 • 6.6.2 • 6.6.3 • 6.6.4 • 6.6.5
Description: The alarm is raised when the 5620 SAM fails to back up a set of NE configuration files.		
Raising condition: ('Backup State' EQUAL 'Failure')		
Clearing condition: ('Backup State' EQUAL 'Success')		
Remedial action: Investigation is required to resolve the following possible scenarios: insufficient disk space is available to accommodate the NE configuration files (additional SAM platform alarms will accompany this alarm); the NE is unreachable (including underlying transport network issue); loss of connectivity to the NE during transfer; the FTP daemon on the NE may have stopped; FTP security credential issues.		

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Table 30-7 BootableConfigRestoreFailed

Alarm	Attributes	Applicable major releases
Name: BootableConfigRestoreFailed (104) Type: configurationAlarm (11) Package: sw Raised on class: sw.BackupRestoreManager	Severity: major Implicitly cleared: true Default probable cause: fileTransferFailure (89)	<ul style="list-style-type: none"> • 6.6.1 • 6.6.2 • 6.6.3 • 6.6.4 • 6.6.5
Description: The alarm is raised when the 5620 SAM fails to restore a set of NE configuration files.		
Raising condition: ('Restore State' EQUAL 'Failure')		
Clearing condition: ('Restore State' EQUAL 'Success')		
Remedial action: Investigation is required to resolve the following possible scenarios: the NE is unreachable (including underlying transport network issue); loss of connectivity to the NE during transfer; the FTP daemon on the NE may have stopped; FTP security credential issues.		

Table 30-8 BootParametersMisconfigured

Alarm	Attributes	Applicable major releases
Name: BootParametersMisconfigured (35) Type: configurationAlarm (11) Package: netw Raised on class: netw.NetworkElement	Severity: critical Implicitly cleared: true Default probable cause: persistentIndexFailure (30) Applicable probable causes: <ul style="list-style-type: none"> • persistentIndexFailure • configFileBootFailure 	<ul style="list-style-type: none"> • 6.6.1 • 6.6.2 • 6.6.3 • 6.6.4 • 6.6.5
Description: The alarm is raised when the SNMP Index Boot Status on an NE is not set to Persistent.		
Raising condition: (('isGenericNode' EQUAL 'false') AND ('State' NOT EQUAL 'Pre-provisioned') AND (('Config File Status' NOT EQUAL 'Executed Successfully') AND ('Config File Status' NOT EQUAL 'configFileStatus_unspecified')) OR (('Persistent Index Status' NOT EQUAL 'Rebuild Succeeded') AND ('Persistent Index Status' NOT EQUAL 'persistentIndexStatus_unspecified'))))		
Clearing condition: (('Config File Status' EQUAL 'Executed Successfully') AND ('Persistent Index Status' EQUAL 'Rebuild Succeeded'))		
Remedial action: Ensure that "SNMP Index Boot Status" is persistent (using cli command "show system information" on the NE). If not, unmanage the network element from SAM, ensure that "persist on" is set in the bof file, save the bof, save a config file, verify that an index file (.ndx) is saved as well, reboot the router, verify that SNMP Index Boot Status is persistent and finally remanage the router from SAM.		

Table 30-9 ClientDelegateServerStatus

Alarm	Attributes	Applicable major releases
Name: ClientDelegateServerStatus (731) Type: communicationsAlarm (4) Package: server Raised on class: server.ClientDelegateServer	Severity: critical Implicitly cleared: true Default probable cause: systemFailed (144)	<ul style="list-style-type: none"> • 6.6.1 • 6.6.2 • 6.6.3 • 6.6.4 • 6.6.5

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Alarm	Attributes	Applicable major releases
Description: The alarm is raised when a client delegate server is unreachable.		
Raising condition: ('Server Status' EQUAL 'Down')		
Clearing condition: ('Server Status' EQUAL 'Up')		
Remedial action: Informational - if the alarm persists or is occurring frequently then investigation is required to understand why the connectivity between the client delegate platform and SAM servers is unreliable or the client delegate server itself is unreliable.		

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Table 30-10 ContainingEquipmentAdministrativelyDown

Alarm	Attributes	Applicable major releases
Name: ContainingEquipmentAdministrativelyDown (466) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.Port	Severity: minor Implicitly cleared: true Default probable cause: containingEquipmentAdministrativelyDown (330)	<ul style="list-style-type: none"> • 6.6.1 • 6.6.2 • 6.6.3 • 6.6.4 • 6.6.5
Description: The alarm is raised when the compositeEquipmentState attribute has a value of containingEquipmentAdministrativelyDown.		
Raising condition: (('Status' EQUAL 'Parent Admin Down') AND ('isTerminatable' EQUAL 'true'))		
Clearing condition: (('Status' NOT EQUAL 'Parent Admin Down') OR ('isTerminatable' NOT EQUAL 'true'))		
Remedial action: Informational - no corrective action required.		

Table 30-11 ContainingEquipmentMismatch

Alarm	Attributes	Applicable major releases
Name: ContainingEquipmentMismatch (464) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.Port	Severity: major Implicitly cleared: true Default probable cause: containingEquipmentMismatch (328)	<ul style="list-style-type: none"> • 6.6.1 • 6.6.2 • 6.6.3 • 6.6.4 • 6.6.5
Description: The alarm is raised when the compositeEquipmentState attribute has a value of containingEquipmentMismatch.		
Raising condition: (('Status' EQUAL 'Parent Type Mismatch') AND ('isTerminatable' EQUAL 'true'))		
Clearing condition: (('Status' NOT EQUAL 'Parent Type Mismatch') OR ('isTerminatable' NOT EQUAL 'true'))		
Remedial action: A configuration error has occurred which must be corrected. The card type configured for the slot identified in the alarm must match the installed card type.		

Table 30-12 ContainingEquipmentOperationallyDown

Alarm	Attributes	Applicable major releases
Name: ContainingEquipmentOperationallyDown (465) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.Port	Severity: major Implicitly cleared: true Default probable cause: containingEquipmentDown (329)	<ul style="list-style-type: none"> • 6.6.1 • 6.6.2 • 6.6.3 • 6.6.4 • 6.6.5
Description: The alarm is raised when the compositeEquipmentState attribute has a value of containingEquipmentOperationallyDown.		
Raising condition: (('Status' EQUAL 'Parent Oper Down') AND ('isTerminatable' EQUAL 'true'))		
Clearing condition: (('Status' NOT EQUAL 'Parent Oper Down') OR ('isTerminatable' NOT EQUAL 'true'))		
Remedial action: The operational state of the equipment element indicated in the alarm is down. This may be due to the element's administrative state or it may indicate that the element has failed.		

Table 30-13 CorruptImageFile

Alarm	Attributes	Applicable major releases
Name: CorruptImageFile (171) Type: configurationAlarm (11) Package: mediation Raised on class: mediation.AbstractSoftwareFolderDescriptor	Severity: critical Implicitly cleared: true Default probable cause: invalidOrCorruptImageFile (134)	<ul style="list-style-type: none"> • 6.6.1 • 6.6.2 • 6.6.3 • 6.6.4 • 6.6.5
Description: The alarm is raised when one or more files in the 5620 SAM software image specified for a device software upgrade is invalid, corrupt or absent. The 5620 SAM validates a device software file set before it imports the file set and distributes it to an NE. Ensure that the file set downloads properly to the NE and is not tampered with before you re-attempt the upgrade. The alarm clears when a valid file set is on the NE and the 5620 SAM activates the software image in the file set.		
Raising condition: ('isImageValid' EQUAL 'false')		
Clearing condition: ('isImageValid' EQUAL 'true')		
Remedial action: The existing SW image in the SAM database should be replaced with an image that is known to be complete and valid.		

Table 30-14 downgradedCardAlarm

Alarm	Attributes	Applicable major releases
Name: downgradedCardAlarm (256) Type: softwareAlarm (19) Package: equipment Raised on class: equipment.Card	Severity: warning Implicitly cleared: true Default probable cause: downgradedCard (195)	<ul style="list-style-type: none"> • 6.6.1 • 6.6.2 • 6.6.3 • 6.6.4 • 6.6.5
Description: The alarm is raised when an IOM is not upgraded or reset after a device software upgrade of both CPMs. A device resets an IOM automatically after 120 minutes if the IOM is not manually reset after a CPM upgrade.		

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Alarm	Attributes	Applicable major releases
Raising condition: ('operationalState' EQUAL 'Downgrade')		
Clearing condition: ('operationalState' EQUAL 'Up')		
Remedial action: Informational - no corrective action required.		

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Table 30-15 EfmOamAlarm

Alarm	Attributes	Applicable major releases
Name: EfmOamAlarm (4617) Type: equipmentAlarm (3) Package: ethernetequipment Raised on class: ethernetequipment.Dot3Oam	Severity: minor Implicitly cleared: true Default probable cause: EFMOAMOperationalStateOutOfService (1886)	<ul style="list-style-type: none"> • 6.6.2 • 6.6.3 • 6.6.4 • 6.6.5
Description: The alarm is raised when EFM Ignore status is Enabled, and Physical port Administrative State is Down.		
Raising condition: ('Ignore EFM State' EQUAL 'true')		
Clearing condition: ('Ignore EFM State' EQUAL 'true')		
Remedial action: The alarm is raised when EFM Ignore status is Enabled, and Physical port Administrative State is Down.		

Table 30-16 EquipmentAdministrativelyDown

Alarm	Attributes	Applicable major releases
Name: EquipmentAdministrativelyDown (455) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.Equipment	Severity: minor Implicitly cleared: true Default probable cause: equipmentAdministrativelyDown (326)	<ul style="list-style-type: none"> • 6.6.1 • 6.6.2 • 6.6.3 • 6.6.4 • 6.6.5
Description: The alarm is raised when the compositeEquipmentState attribute has a value of equipmentAdministrativelyDown.		
Raising condition: ('compositeEquipmentState' EQUAL 'Admin Down')		
Clearing condition: ('compositeEquipmentState' NOT EQUAL 'Admin Down')		
Remedial action: Informational - no corrective action required.		

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Table 30-17 EquipmentDegraded

Alarm	Attributes	Applicable major releases
Name: EquipmentDegraded (604) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.FanTray	Severity: minor Implicitly cleared: true Default probable cause: singleFanFailure (450)	<ul style="list-style-type: none"> • 6.6.1 • 6.6.2 • 6.6.3 • 6.6.4 • 6.6.5
Description: The alarm is raised when a single fan fails. The chassis attempts to continue operating within the normal temperature range using only the remaining fans.		
Raising condition: ('Device State' EQUAL 'MinorFailure')		
Clearing condition: ('Device State' NOT EQUAL 'MinorFailure')		
Remedial action: The failed fan unit should be replaced.		

Table 30-18 EquipmentDown

Alarm	Attributes	Applicable major releases
Name: EquipmentDown (10) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.Equipment	Severity: major Implicitly cleared: true Default probable cause: inoperableEquipment (8)	<ul style="list-style-type: none"> • 6.6.1 • 6.6.2 • 6.6.3 • 6.6.4 • 6.6.5
Description: The alarm is raised when the compositeEquipmentState attribute has a value of equipmentOperationallyDown.		
Raising condition: ('compositeEquipmentState' EQUAL 'Oper Down')		
Clearing condition: ('compositeEquipmentState' NOT EQUAL 'Oper Down')		
Remedial action: This alarm indicates that a card in the NE has failed. The card must be replaced.		

Table 30-19 EquipmentFailure

Alarm	Attributes	Applicable major releases
Name: EquipmentFailure (145) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.ReplaceableUnit	Severity: critical Implicitly cleared: true Default probable cause: cardFailure (123)	<ul style="list-style-type: none"> • 6.6.1 • 6.6.2 • 6.6.3 • 6.6.4 • 6.6.5
Description: The alarm is raised when a control processor or power-supply tray reports a failure. When the object type is ControlProcessor, a CPM may be unable to boot. When the object type is Power Supply Tray and the alarm is raised during device discovery, a power-supply tray may be out of service. When the object type is a Power Supply Tray and the device is in the managed state, a power-supply tray may be out of service or the AC power shelf has a fault condition. The alarm clears when the status changes to OK.		
Raising condition: ('operationalState' EQUAL 'Failed')		

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Alarm	Attributes	Applicable major releases
Clearing condition: ('operationalState' NOT EQUAL 'Failed')		
Remedial action: If the alarm indicates that the CPM card has a fault, remove the card and reset it. If this does not clear the alarm then please contact Alcatel-Lucent support for assistance. If the alarm indicates that the Power Supply tray is out of service ensure that the NE is properly connected to power. If the problem persists please contact Alcatel-Lucent support for assistance.		

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Table 30-20 EquipmentInTest

Alarm	Attributes	Applicable major releases
Name: EquipmentInTest (11) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.Equipment	Severity: warning Implicitly cleared: true Default probable cause: equipmentInTest (9)	<ul style="list-style-type: none"> • 6.6.1 • 6.6.2 • 6.6.3 • 6.6.4 • 6.6.5
Description: The alarm is raised when equipment enters a diagnostic state.		
Raising condition: ('compositeEquipmentState' EQUAL 'In Test')		
Clearing condition: ('compositeEquipmentState' NOT EQUAL 'In Test')		
Remedial action: Informational - no corrective action required.		

Table 30-21 EquipmentMismatch

Alarm	Attributes	Applicable major releases
Name: EquipmentMismatch (9) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.Equipment	Severity: major Implicitly cleared: true Default probable cause: equipmentTypeMismatch (7)	<ul style="list-style-type: none"> • 6.6.1 • 6.6.2 • 6.6.3 • 6.6.4 • 6.6.5
Description: The alarm is raised when the compositeEquipmentState attribute has a value of equipmentMismatch.		
Raising condition: ('compositeEquipmentState' EQUAL 'Type Mismatch')		
Clearing condition: ('compositeEquipmentState' NOT EQUAL 'Type Mismatch')		
Remedial action: A configuration error has occurred which must be corrected. The card type configured for the slot identified in the alarm must match the installed card type.		

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Table 30-22 EquipmentRemoved

Alarm	Attributes	Applicable major releases
Name: EquipmentRemoved (8) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.Equipment	Severity: major Implicitly cleared: true Default probable cause: replaceableEquipmentRemoved (6)	<ul style="list-style-type: none"> • 6.6.1 • 6.6.2 • 6.6.3 • 6.6.4 • 6.6.5
Description: The alarm is raised when the compositeEquipmentState attribute has a value of equipmentMissing.		
Raising condition: (((('isEquipped' EQUAL 'false') OR ('compositeEquipmentState' EQUAL 'Removed')) AND ('isEquipmentInserted' EQUAL 'true')))		
Clearing condition: (('compositeEquipmentState' NOT EQUAL 'Removed') AND ('isEquipped' EQUAL 'true'))		
Remedial action: Informational - this alarm is raised when a card is removed.		

Table 30-23 EthernetPortConfiguredLoopback

Alarm	Attributes	Applicable major releases
Name: EthernetPortConfiguredLoopback (801) Type: configurationAlarm (11) Package: ethernetequipment Raised on class: ethernetequipment.EthernetPortSpecifics	Severity: warning Implicitly cleared: true Default probable cause: ethernetPortConfiguredLoopback (567)	<ul style="list-style-type: none"> • 6.6.1 • 6.6.2 • 6.6.3 • 6.6.4 • 6.6.5
Description: The alarm is raised when a timed loopback is in effect for an Ethernet port.		
Raising condition: (('Type' NOT EQUAL 'None'))		
Clearing condition: (('Type' EQUAL 'None'))		
Remedial action: This alarm has been raised by the node because "Timed Loopback" option of the specific port's Ethernet property has been enabled. To resolve this problem from "Ethernet" tab of "Physical Port" properties form configure "Timed Loopback" Type property as "None".		

Table 30-24 EthernetPortDuplicateLane

Alarm	Attributes	Applicable major releases
Name: EthernetPortDuplicateLane (3557) Type: communicationsAlarm (4) Package: ethernetequipment Raised on class: ethernetequipment.EthernetPortSpecifics	Severity: major Implicitly cleared: true Default probable cause: DuplicateLane (1387)	<ul style="list-style-type: none"> • 6.6.1 • 6.6.2 • 6.6.3 • 6.6.4 • 6.6.5
Description: The alarm is raised when a device reports a Duplicate Lane on an Ethernet port.		
Raising condition: (('Outstanding Alarms'anyBit'Duplicate Lane') AND ('Report Alarms'anyBit'Duplicate Lane'))		
Clearing condition: NOT (('Outstanding Alarms'anyBit'Duplicate Lane') AND ('Report Alarms'anyBit'Duplicate Lane'))		

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Alarm	Attributes	Applicable major releases
<p>Remedial action: One of the following conditions exists on the referenced physical interface which must be corrected. A cable/fiber fault exists which must be corrected - check to ensure that the cable is not faulty and is properly connected. The port is faulty - run diagnostics on the port to determine the nature of the fault. If the problem cannot be resolved swap the card containing the port with a card which is known be functional.</p>		

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Table 30-25 EthernetPortHighBer

Alarm	Attributes	Applicable major releases
<p>Name: EthernetPortHighBer (307) Type: communicationsAlarm (4) Package: ethernetequipment Raised on class: ethernetequipment.EthernetPortSpecifics</p>	<p>Severity: major Implicitly cleared: true Default probable cause: HighBer (238)</p>	<ul style="list-style-type: none"> • 6.6.1 • 6.6.2 • 6.6.3 • 6.6.4 • 6.6.5
<p>Description: The alarm is raised when a device reports a high bit-error rate on an Ethernet port.</p>		
<p>Raising condition: (('Outstanding Alarms'anyBit'High Bit Error Rate') AND ('Report Alarms'anyBit'High Bit Error Rate'))</p>		
<p>Clearing condition: NOT (('Outstanding Alarms'anyBit'High Bit Error Rate') AND ('Report Alarms'anyBit'High Bit Error Rate'))</p>		
<p>Remedial action: One of the following conditions exists on the physical interface which must be corrected. A cable/fiber fault exists which must be corrected - check to ensure that the cable is not faulty and is properly connected. The port is faulty - run diagnostics on the port to determine the nature of the fault.</p>		

Table 30-26 EthernetPortLocalFault

Alarm	Attributes	Applicable major releases
<p>Name: EthernetPortLocalFault (305) Type: communicationsAlarm (4) Package: ethernetequipment Raised on class: ethernetequipment.EthernetPortSpecifics</p>	<p>Severity: major Implicitly cleared: true Default probable cause: LocalFault (236)</p>	<ul style="list-style-type: none"> • 6.6.1 • 6.6.2 • 6.6.3 • 6.6.4 • 6.6.5
<p>Description: The alarm is raised when a device reports a local fault on an Ethernet port.</p>		
<p>Raising condition: (('Outstanding Alarms'anyBit'Local Fault') AND ('Report Alarms'anyBit'Local Fault'))</p>		
<p>Clearing condition: NOT (('Outstanding Alarms'anyBit'Local Fault') AND ('Report Alarms'anyBit'Local Fault'))</p>		
<p>Remedial action: One of the following conditions exists on the physical interface which must be corrected. A cable/fiber fault exists which must be corrected - check to ensure that the cable is not faulty and is properly connected. The port is faulty - run diagnostics on the port to determine the nature of the fault.</p>		

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Table 30-27 EthernetPortNoAmLock

Alarm	Attributes	Applicable major releases
Name: EthernetPortNoAmLock (3558) Type: communicationsAlarm (4) Package: ethernetequipment Raised on class: ethernetequipment.EthernetPortSpecifics	Severity: major Implicitly cleared: true Default probable cause: NoAmLock (1388)	<ul style="list-style-type: none"> • 6.6.1 • 6.6.2 • 6.6.3 • 6.6.4 • 6.6.5
Description: The alarm is raised when a device reports a No Am Lock on an Ethernet port.		
Raising condition: (('Outstanding Alarms'anyBit'No AM Lock') AND ('Report Alarms'anyBit'No AM Lock'))		
Clearing condition: NOT (('Outstanding Alarms'anyBit'No AM Lock') AND ('Report Alarms'anyBit'No AM Lock'))		
Remedial action: One of the following conditions exists on the referenced physical interface which must be corrected. A cable/fiber fault exists which must be corrected - check to ensure that the cable is not faulty and is properly connected. The port is faulty - run diagnostics on the port to determine the nature of the fault. If the problem cannot be resolved swap the card containing the port with a card which is known be functional.		

Table 30-28 EthernetPortNoBlockLock

Alarm	Attributes	Applicable major releases
Name: EthernetPortNoBlockLock (3559) Type: communicationsAlarm (4) Package: ethernetequipment Raised on class: ethernetequipment.EthernetPortSpecifics	Severity: major Implicitly cleared: true Default probable cause: NoBlockLock (1389)	<ul style="list-style-type: none"> • 6.6.1 • 6.6.2 • 6.6.3 • 6.6.4 • 6.6.5
Description: The alarm is raised when a device reports a No Block Lock on an Ethernet port.		
Raising condition: (('Outstanding Alarms'anyBit'No Block Lock') AND ('Report Alarms'anyBit'No Block Lock'))		
Clearing condition: NOT (('Outstanding Alarms'anyBit'No Block Lock') AND ('Report Alarms'anyBit'No Block Lock'))		
Remedial action: One of the following conditions exists on the referenced physical interface which must be corrected. A cable/fiber fault exists which must be corrected - check to ensure that the cable is not faulty and is properly connected. The port is faulty - run diagnostics on the port to determine the nature of the fault. If the problem cannot be resolved swap the card containing the port with a card which is known be functional.		

Table 30-29 EthernetPortNoFrameLock

Alarm	Attributes	Applicable major releases
Name: EthernetPortNoFrameLock (306) Type: communicationsAlarm (4) Package: ethernetequipment Raised on class: ethernetequipment.EthernetPortSpecifics	Severity: major Implicitly cleared: true Default probable cause: NoFrameLock (237)	<ul style="list-style-type: none"> • 6.6.1 • 6.6.2 • 6.6.3 • 6.6.4 • 6.6.5
Description: The alarm is raised when a device reports No Frame Lock on an Ethernet port.		

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Alarm	Attributes	Applicable major releases
Raising condition: (('Outstanding Alarms'anyBit'No Frame Lock') AND ('Report Alarms'anyBit'No Frame Lock'))		
Clearing condition: NOT (('Outstanding Alarms'anyBit'No Frame Lock') AND ('Report Alarms'anyBit'No Frame Lock'))		
Remedial action: One of the following conditions exists on the physical interface which must be corrected. A cable/fiber fault exists which must be corrected - check to ensure that the cable is not faulty and is properly connected. The port is faulty - run diagnostics on the port to determine the nature of the fault.		

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Table 30-30 EthernetPortRemoteFault

Alarm	Attributes	Applicable major releases
Name: EthernetPortRemoteFault (304) Type: communicationsAlarm (4) Package: ethernetequipment Raised on class: ethernetequipment.EthernetPortSpecifics	Severity: major Implicitly cleared: true Default probable cause: RemoteFault (235)	<ul style="list-style-type: none"> • 6.6.1 • 6.6.2 • 6.6.3 • 6.6.4 • 6.6.5
Description: The alarm is raised when a device reports a remote fault on an Ethernet port.		
Raising condition: (('Outstanding Alarms'anyBit'Remote Fault') AND ('Report Alarms'anyBit'Remote Fault'))		
Clearing condition: NOT (('Outstanding Alarms'anyBit'Remote Fault') AND ('Report Alarms'anyBit'Remote Fault'))		
Remedial action: One of the following conditions exists on the remote physical interface which must be corrected. A cable/fiber fault exists which must be corrected - check to ensure that the cable is not faulty and is properly connected. The port is faulty - run diagnostics on the port to determine the nature of the fault.		

Table 30-31 EthernetPortSignalFailure

Alarm	Attributes	Applicable major releases
Name: EthernetPortSignalFailure (303) Type: communicationsAlarm (4) Package: ethernetequipment Raised on class: ethernetequipment.EthernetPortSpecifics	Severity: major Implicitly cleared: true Default probable cause: SignalFailure (234)	<ul style="list-style-type: none"> • 6.6.1 • 6.6.2 • 6.6.3 • 6.6.4 • 6.6.5
Description: The alarm is raised when a device reports a signal failure on an Ethernet port.		
Raising condition: (('Outstanding Alarms'anyBit'Signal Failure') AND ('Report Alarms'anyBit'Signal Failure'))		
Clearing condition: NOT (('Outstanding Alarms'anyBit'Signal Failure') AND ('Report Alarms'anyBit'Signal Failure'))		
Remedial action: One of the following conditions exists on the physical interface which must be corrected. A cable/fiber fault exists which must be corrected - check to ensure that the cable is not faulty and is properly connected. The port is faulty - run diagnostics on the port to determine the nature of the fault.		

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Table 30-32 FanFailure

Alarm	Attributes	Applicable major releases
Name: FanFailure (624) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.FanTray	Severity: critical Implicitly cleared: true Default probable cause: fanFailure (116)	<ul style="list-style-type: none"> • 6.6.1 • 6.6.2 • 6.6.3 • 6.6.4 • 6.6.5
Description: The alarm is raised when the associated fan is not operationally Up.		
Raising condition: (('Device State' EQUAL 'Failed') OR ('Device State' EQUAL 'Unknown') OR ('Device State' EQUAL 'OutOfservice'))		
Clearing condition: ('Device State' EQUAL 'OK')		
Remedial action: Remove and reset the fan unit. If this does not resolve the problem replace the fan.		

Table 30-33 FanTrayRemoved

Alarm	Attributes	Applicable major releases
Name: FanTrayRemoved (569) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.FanTray	Severity: critical Implicitly cleared: true Default probable cause: FanTrayRemoved (438)	<ul style="list-style-type: none"> • 6.6.1 • 6.6.2 • 6.6.3 • 6.6.4 • 6.6.5
Description: The alarm is raised when the deviceState attribute has a value of deviceNotEquipped.		
Raising condition: ('Device State' EQUAL 'Not Equipped')		
Clearing condition: ('Device State' NOT EQUAL 'Not Equipped')		
Remedial action: Informational - a fan tray has been removed from the NE.		

Table 30-34 FrameSizeProblem (netw)

Alarm	Attributes	Applicable major releases
Name: FrameSizeProblem (37) Type: configurationAlarm (11) Package: netw Raised on class: netw.StatefullConnectableInterface	Severity: critical Implicitly cleared: true Default probable cause: frameSizeProblem (33)	<ul style="list-style-type: none"> • 6.6.1 • 6.6.2 • 6.6.3 • 6.6.4 • 6.6.5
Description: The alarm is raised when a provisioned MTU size value is greater than the supported MTU size value.		
Raising condition: (('mtuMismatch' EQUAL 'true') AND ('portId' NOT EQUAL '0L'))		
Clearing condition: (('mtuMismatch' EQUAL 'false') OR ('portId' EQUAL '0L'))		
Remedial action: A configuration error has been made which must be corrected. The MTU value must be changed such that is less than or equal to the supported MTU size value.		

Table 30-35 GaPeerDown

Alarm	Attributes	Applicable major releases
Name: GaPeerDown (3303) Type: EpcAlarm (59) Package: Iteggnsn Raised on class: Iteggnsn.GaPeer	Severity: major Implicitly cleared: true Default probable cause: EPSPeerDown (602)	<ul style="list-style-type: none"> • 6.6.1 • 6.6.2 • 6.6.3 • 6.6.4 • 6.6.5
Description: The alarm is raised when the path management state of a Ga peer changes to a state other than Up.		
Raising condition: ('Path Management State' NOT EQUAL 'Active')		
Clearing condition: ('Path Management State' EQUAL 'Active')		
Remedial action: A Ga reference point (peer) is operationally down for one of the following reasons: the underlying IP or physical interface is down, the far end peer is down or the underlying transport between this NE and the peer NE is down. To resolve the issue ensure that the IP/physical interface is up, check that the far end peer is operational and check that the underlying transport network is up.		

Table 30-36 IfVlanSubTypeConflict

Alarm	Attributes	Applicable major releases
Name: IfVlanSubTypeConflict (213) Type: configurationAlarm (11) Package: vlan Raised on class: vlan.L2AccessInterface	Severity: major Implicitly cleared: true Default probable cause: topologyMisconfigured (81)	<ul style="list-style-type: none"> • 6.6.1 • 6.6.2 • 6.6.3 • 6.6.4 • 6.6.5
Description: The alarm is raised when more than one type of VLAN service is configured with the same VLAN ID. The alarm is raised against an L2 access interface.		
Raising condition: ('vlanSubTypeConflict' EQUAL 'true')		
Clearing condition: ('vlanSubTypeConflict' EQUAL 'false')		
Remedial action: Ensure that only one type of VLAN Service is configured with the VLAN ID used by this interface.		

Table 30-37 IgmpDown

Alarm	Attributes	Applicable major releases
Name: IgmpDown (158) Type: ProtocolAlarm (1) Package: igmp Raised on class: igmp.Site	Severity: critical Implicitly cleared: true Default probable cause: protocolDown (1)	<ul style="list-style-type: none"> • 6.6.1 • 6.6.2 • 6.6.3 • 6.6.4 • 6.6.5
Description: The alarm is raised when an IGMP site has an Operational State other than Up, and the Administrative State is Up.		
Raising condition: (('Administrative State' EQUAL 'Up') AND ('Operational State' NOT EQUAL 'Up'))		
Clearing condition: (('Operational State' EQUAL 'Up') OR ('Administrative State' NOT EQUAL 'Up'))		

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Alarm	Attributes	Applicable major releases
Remedial action: While configured under VPRN, check if VPRN site is admin down, or if route distinguisher is not configured.		

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Table 30-38 IgmpSnoopingDown

Alarm	Attributes	Applicable major releases
Name: IgmpSnoopingDown (161) Type: ProtocolAlarm (1) Package: layer2 Raised on class: layer2.Bridge	Severity: warning Implicitly cleared: true Default probable cause: protocolDown (1)	<ul style="list-style-type: none"> • 6.6.1 • 6.6.2 • 6.6.3 • 6.6.4 • 6.6.5
Description: The alarm is raised when IGMP snooping is disabled on an NE and a TLS VLAN or MVR VLAN service is provisioned on the NE.		
Raising condition: ('IGMP Snooping' EQUAL 'Disabled')		
Clearing condition: ('IGMP Snooping' EQUAL 'Enabled')		
Remedial action: To clear the alarm, enable IGMP Snooping under the Bridge Instance.		

Table 30-39 IncompleteConfiguration

Alarm	Attributes	Applicable major releases
Name: IncompleteConfiguration (1942) Type: operationalViolation (93) Package: netw Raised on class: netw.NetworkElement	Severity: warning Implicitly cleared: true Default probable cause: incompleteConfig (225)	<ul style="list-style-type: none"> • 6.6.1 • 6.6.2 • 6.6.3 • 6.6.4 • 6.6.5
Description: The alarm is raised when a pre-provisioned NE has no objects configured beneath it.		
Raising condition: (('State' EQUAL 'Pre-provisioned') AND ('eNodeB Equipment' EQUAL '\'))		
Clearing condition: (('State' EQUAL 'Pre-provisioned') AND ('eNodeB Equipment' NOT EQUAL '\'))		
Remedial action: A configuration error has been made which must be corrected. The configuration of the pre-provisioned NE is incomplete. A work order was not associated with the pre-provisioned NE and as a consequence the attempt to auto-configure the NE failed.		

Table 30-40 InterfaceDown (netw)

Alarm	Attributes	Applicable major releases
Name: InterfaceDown (36) Type: InterfaceAlarm (13) Package: netw Raised on class: netw.StatefullConnectableInterface	Severity: critical Implicitly cleared: true Default probable cause: interfaceDown (32)	<ul style="list-style-type: none"> • 6.6.1 • 6.6.2 • 6.6.3 • 6.6.4 • 6.6.5
Description: The alarm is raised when an interface or underlying resource fails, as indicated by an interface compositeState attribute value of failed or underlyingResourceFailed.		
Raising condition: (('compositeState' EQUAL 'Inoperable') OR ('compositeState' EQUAL 'Underlying Resource Inoperable'))		
Clearing condition: (('compositeState' NOT EQUAL 'Inoperable') AND ('compositeState' NOT EQUAL 'Underlying Resource Inoperable'))		
Remedial action: A physical port (physical interface, LAG, channel) associated with the network interface in not operation. Ensure that the interface is cabled and that there is not a configuration error (i.e. MTU size set incorrectly) on the interface. Once the issue w		

Table 30-41 LagDown

Alarm	Attributes	Applicable major releases
Name: LagDown (20) Type: equipmentAlarm (3) Package: lag Raised on class: lag.Interface	Severity: critical Implicitly cleared: true Default probable cause: lagDown (17)	<ul style="list-style-type: none"> • 6.6.1 • 6.6.2 • 6.6.3 • 6.6.4 • 6.6.5
Description: The alarm is raised when all ports in a LAG are operationally down.		
Raising condition: (('Administrative State' EQUAL 'Up') AND ('operationalState' NOT EQUAL 'Up'))		
Clearing condition: (('operationalState' EQUAL 'Up') OR ('Administrative State' NOT EQUAL 'Up'))		
Remedial action: This alarm indicates that all physical Ethernet links associated with a LAG are operationally down. The reasons for the links to be down may vary from link to link. The following possible causes of this alarm should be investigated. The physical port (near end or far end may have failed - this can be remedied by replacing the interface card in question. The physical links may have been turned down administratively - re-enable the links. A cable failure or disconnect may have occurred - please ensure that the cables are properly connected to the physical port and and that the cable has not been damaged.		

Table 30-42 LagPortAddFailed

Alarm	Attributes	Applicable major releases
Name: LagPortAddFailed (422) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.PhysicalPort	Severity: warning Implicitly cleared: true Default probable cause: linkDown (315)	<ul style="list-style-type: none"> • 6.6.1 • 6.6.2 • 6.6.3 • 6.6.4 • 6.6.5

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Alarm	Attributes	Applicable major releases
Description: The alarm is raised when the Lag Port Add function Fails.		
Raising condition: (('state' EQUAL 'Link Down') AND ('LAG ID' > '0'))		
Clearing condition: (('state' NOT EQUAL 'Link Down') OR ('LAG ID' EQUAL '0'))		
Remedial action: A configuration error has occurred which must be corrected. The link that was to be added to the LAG group may be of the wrong type (i.e. non ethernet) or the limit of the number of links supported in a LAG may have been reached.		

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Table 30-43 LicensedLimitExceeded

Alarm	Attributes	Applicable major releases
Name: LicensedLimitExceeded (127) Type: licensingAlarm (23) Package: security Raised on class: security.ProductLicense	Severity: critical Implicitly cleared: true Default probable cause: licensedLimitExceeded (106)	<ul style="list-style-type: none"> • 6.6.1 • 6.6.2 • 6.6.3 • 6.6.4 • 6.6.5
Description: The alarm is raised when the license items in the network exceeds 100 percent of the license capacity.		
Raising condition: ('Exceeded' EQUAL 'true')		
Clearing condition: ('Exceeded' NOT EQUAL 'true')		
Remedial action: Informational - The number of SAM licenses purchased and available on the SAM server is insufficient as compared to the number of NEs/MDA/Cells under management in the network. Please contact Alcatel-Lucent Sales to purchase additional licenses.		

Table 30-44 LinkDown (equipment)

Alarm	Attributes	Applicable major releases
Name: LinkDown (12) Type: communicationsAlarm (4) Package: equipment Raised on class: equipment.Equipment	Severity: major Implicitly cleared: true Default probable cause: portLinkProblem (10)	<ul style="list-style-type: none"> • 6.6.1 • 6.6.2 • 6.6.3 • 6.6.4 • 6.6.5
Description: The alarm is raised when a port has no associated physical link or remote end point is operationally down.		
Raising condition: (('compositeEquipmentState' EQUAL 'Link Down') OR ('compositeEquipmentState' EQUAL 'Oper Down'))		
Clearing condition: (('compositeEquipmentState' NOT EQUAL 'Link Down') AND ('compositeEquipmentState' NOT EQUAL 'Oper Down'))		
Remedial action: Please make sure that port has physical link and remote end point is operationally up.		

Table 30-45 LowTemperatureDetected

Alarm	Attributes	Applicable major releases
Name: LowTemperatureDetected (1127) Type: environmentalAlarm (2) Package: equipment Raised on class: equipment.Shelf	Severity: major Implicitly cleared: true Default probable cause: equipmentOvercooled (838)	<ul style="list-style-type: none"> • 6.6.1 • 6.6.2 • 6.6.3 • 6.6.4 • 6.6.5
Description: The alarm is raised when the chassis temperature falls below the minimum threshold.		
Raising condition: ('Low Temperature State' EQUAL 'Low')		
Clearing condition: ('Low Temperature State' NOT EQUAL 'Low')		
Remedial action: The NE has detected internal temperatures which are abnormally low. This may happen when the environment that the NE is operating in may not be within specifications found in the NE user guides.		

Table 30-46 LowTemperatureThresholdCrossed

Alarm	Attributes	Applicable major releases
Name: LowTemperatureThresholdCrossed (1128) Type: environmentalAlarm (2) Package: equipment Raised on class: equipment.Environment	Severity: major Implicitly cleared: true Default probable cause: equipmentOvercooled (838)	<ul style="list-style-type: none"> • 6.6.1 • 6.6.2 • 6.6.3 • 6.6.4 • 6.6.5
Description: The alarm is raised when a low-temperature threshold is crossed.		
Raising condition: ('lowTemperatureThresholdCrossed' EQUAL 'true')		
Clearing condition: ('lowTemperatureThresholdCrossed' EQUAL 'false')		
Remedial action: The NE has detected internal temperatures which are abnormally high. This could be caused by a failed fan unit or one or more dirty fan filters. Replacing the failed unit or filters should resolve the problem. Alternately the environment that the NE is operating in may not be within specifications found in the NE user guides.		

Table 30-47 LpsViolation

Alarm	Attributes	Applicable major releases
Name: LpsViolation (518) Type: learnedPortSecurityAlarm (51) Package: lps Raised on class: lps.LearnedPortSecurity	Severity: major Implicitly cleared: true Default probable cause: learnedPortSecurityViolation (393)	<ul style="list-style-type: none"> • 6.6.1 • 6.6.2 • 6.6.3 • 6.6.4 • 6.6.5
Description: The alarm is raised when the 5620 SAM detects an LPS violation.		
Raising condition: ('Operational State' EQUAL 'Security Violated')		
Clearing condition: ('Operational State' EQUAL 'Down')		

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Alarm	Attributes	Applicable major releases
Remedial action: Port reset is required to return the port to normal operation.		

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Table 30-48 macMoveRateExceeded (service)

Alarm	Attributes	Applicable major releases
Name: macMoveRateExceeded (3690) Type: accessInterfaceAlarm (40) Package: service Raised on class: service.AccessInterface	Severity: minor Implicitly cleared: true Default probable cause: MacMoveRateExceeded (1429)	<ul style="list-style-type: none"> • 6.6.1 • 6.6.2 • 6.6.3 • 6.6.4 • 6.6.5
Description: The alarm is raised when the SAP exceeds the MAC Move Frequency of the service site.		
Raising condition: ('State Cause'anyBit'Relearn Limit Exceeded')		
Clearing condition: NOT (('State Cause'anyBit'Relearn Limit Exceeded'))		
Remedial action: Informational.		

Table 30-49 macMoveRateExceededNonBlock (service)

Alarm	Attributes	Applicable major releases
Name: macMoveRateExceededNonBlock (4893) Type: accessInterfaceAlarm (40) Package: service Raised on class: service.AccessInterface	Severity: info Implicitly cleared: true Default probable cause: MacMoveRateExceededNonBlock (1951)	<ul style="list-style-type: none"> • 6.6.1 • 6.6.2 • 6.6.3 • 6.6.4 • 6.6.5
Description: The alarm is raised when the SAP exceeds the MAC Move Frequency of the service site when limitMacMove(sapTIsLimitMacMove) is set to 'nonBlocking'.		
Raising condition: ('State Cause'anyBit'Relearn Limit Exceeded')		
Clearing condition: NOT (('State Cause'anyBit'Relearn Limit Exceeded'))		
Remedial action: Informational - User can adjust the value of 'MAC Move Maximum Rate' to reduce the frequency of this alarm.		

Table 30-50 MepAISReceivedAlarm

Alarm	Attributes	Applicable major releases
Name: MepAISReceivedAlarm (2945) Type: oamAlarm (18) Package: ethernetToam Raised on class: ethernetToam.Mep	Severity: variable Implicitly cleared: true Default probable cause: missingRemoteMep (388)	<ul style="list-style-type: none"> • 6.6.1 • 6.6.2 • 6.6.3 • 6.6.4 • 6.6.5
Description: The alarm is raised when a MEP receives AIS test frames from one or more of its sub-layer MEPs.		
Raising condition: (('AIS Received (AisRx)' EQUAL 'true') AND ('Facility VLAN ID' EQUAL '0'))		
Clearing condition: ('AIS Received (AisRx)' EQUAL 'false')		
Remedial action: This alarm indicates that it has received a MEP fault from a sub-layer MEP, user should investigate the fault cause on the sub-layer MEP and resolve this root cause issue.		

Table 30-51 MobileConnectorDown

Alarm	Attributes	Applicable major releases
Name: MobileConnectorDown (1064) Type: EpcAlarm (59) Package: Iteservice Raised on class: Iteservice.MobileServiceConnector	Severity: minor Implicitly cleared: true Default probable cause: EpcDown (519)	<ul style="list-style-type: none"> • 6.6.1 • 6.6.2 • 6.6.3 • 6.6.4 • 6.6.5
Description: The alarm is raised when the 5620 SAM no longer manages the EPS path instance of this mobile service site. As a result, the service must be regenerated.		
Raising condition: ('EPS Path' EQUAL '\\"')		
Clearing condition: ('EPS Path' NOT EQUAL '\\"')		
Remedial action: The underlying transport network has gone down resulting in the deletion of a mobile service connector (EPS path). Correct the issue with the transport network and regenerate the mobile service connector by clicking on the re-calculate button on the mobile service properties form.		

Table 30-52 MvrSiteDown

Alarm	Attributes	Applicable major releases
Name: MvrSiteDown (162) Type: ProtocolAlarm (1) Package: layer2 Raised on class: layer2.MvrSite	Severity: warning Implicitly cleared: true Default probable cause: protocolDown (1)	<ul style="list-style-type: none"> • 6.6.1 • 6.6.2 • 6.6.3 • 6.6.4 • 6.6.5
Description: The alarm is raised when MVR is disabled on an NE and a TLS VLAN or MVR VLAN service is provisioned on the NE.		
Raising condition: ('MVR Admin Status' EQUAL 'Disabled')		
Clearing condition: ('MVR Admin Status' EQUAL 'Enabled')		

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Alarm	Attributes	Applicable major releases
Remedial action: To clear the alarm, enable MVR Admin Status under the Bridge Instance.		

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Table 30-53 NeManagementAndTrapManagementMismatch

Alarm	Attributes	Applicable major releases
Name: NeManagementAndTrapManagementMismatch (1079) Type: communicationsAlarm (4) Package: netw Raised on class: netw.NetworkElement	Severity: warning Implicitly cleared: true Default probable cause: neManagementChange (817)	<ul style="list-style-type: none"> • 6.6.1 • 6.6.2 • 6.6.3 • 6.6.4 • 6.6.5
Description: This user-defined alarm is raised when the NE configuration is one of the following: - The Active Management IP is set to Out Of Band, and the Primary Route Preference is set to In Band. - The Active Management IP is set to In Band, and the Primary Route Preference is set to Out of Band.		
Raising condition: (((('Active Management IP' EQUAL 'In Band') AND (('Management IP Selection' EQUAL 'In Band Preferred') OR ('Management IP Selection' EQUAL 'In Band Only'))) AND ('Primary Route Preference' EQUAL 'Out Of Band') AND ('Secondary Route Preference' EQUAL 'In Band')) OR (('Active Management IP' EQUAL 'Out Of Band') AND (('Management IP Selection' EQUAL 'Out Of Band Preferred') OR ('Management IP Selection' EQUAL 'Out Of Band Only'))) AND ('Primary Route Preference' EQUAL 'In Band') AND ('Secondary Route Preference' EQUAL 'Out Of Band'))		
Clearing condition: (((('Active Management IP' EQUAL 'In Band') AND (('Management IP Selection' EQUAL 'In Band Preferred') OR ('Management IP Selection' EQUAL 'In Band Only'))) AND ('Primary Route Preference' EQUAL 'In Band')) OR (('Active Management IP' EQUAL 'Out Of Band') AND (('Management IP Selection' EQUAL 'Out Of Band Preferred') OR ('Management IP Selection' EQUAL 'Out Of Band Only'))) AND ('Primary Route Preference' EQUAL 'Out Of Band'))		
Remedial action: A configuration error has been made which must be corrected. The parameters described in the description for this alarm must match.		

Table 30-54 NewSsh2ServerKeyDetected

Alarm	Attributes	Applicable major releases
Name: NewSsh2ServerKeyDetected (285) Type: communicationsAlarm (4) Package: security Raised on class: security.KnownHostKey	Severity: warning Implicitly cleared: true Default probable cause: ssh2ServerKeyMismatch (217)	<ul style="list-style-type: none"> • 6.6.1 • 6.6.2 • 6.6.3 • 6.6.4 • 6.6.5
Description: The alarm is raised when a 5620 SAM main server detects a new public SSH key.		
Raising condition: ('SSH2 Server Key Status' EQUAL 'Mismatch SSH2 Host Key')		
Clearing condition: ('SSH2 Server Key Status' EQUAL 'Active SSH2 Host Key')		
Remedial action: Informational - possible security breach. The SSH key of the router is different from the one known to the SAM server.		

Table 30-55 NodeDatabaseFallbackDetected

Alarm	Attributes	Applicable major releases
Name: NodeDatabaseFallbackDetected (2923) Type: communicationsAlarm (4) Package: netw Raised on class: netw.NetworkElement	Severity: major Implicitly cleared: true Default probable cause: nodeDatabaseFallback (1121)	<ul style="list-style-type: none"> • 6.6.1 • 6.6.2 • 6.6.3 • 6.6.4 • 6.6.5
Description: The alarm is raised when a configuration fallback is detected on the node and comes back up with a previous configuration. To correct this situation it might be necessary to reconfigure the node, or perform full resync its database with the 'fallback' configuration returned by the node.		
Raising condition: ('State' EQUAL 'Node Configuration Fallback')		
Clearing condition: ('State' EQUAL 'Managed')		
Remedial action: the NE has come back to a previous configuration. Perform a manual Full Resync or a Reconfigure of the NE		

Table 30-56 NodeDatabaseMisalignmentDetected

Alarm	Attributes	Applicable major releases
Name: NodeDatabaseMisalignmentDetected (2924) Type: communicationsAlarm (4) Package: netw Raised on class: netw.NetworkElement	Severity: major Implicitly cleared: true Default probable cause: nodeDatabaseMisalignment (1122)	<ul style="list-style-type: none"> • 6.6.1 • 6.6.2 • 6.6.3 • 6.6.4 • 6.6.5
Description: The alarm is raised when a configuration misalignment has been detected on the node and comes back up with an unexpected configuration (configuration change triggered by external tool) To correct this situation it might be necessary to reconfigure the node with the 5620 SAM's old configuration or accept the new configuration received from the node.		
Raising condition: ('State' EQUAL 'Node Configuration Misalignment')		
Clearing condition: ('State' EQUAL 'Managed')		
Remedial action: the NE configuration is misaligned. Perform a resync in order to update SAM configuration according to the NE.		

Table 30-57 NodeSuspended

Alarm	Attributes	Applicable major releases
Name: NodeSuspended (5123) Type: communicationsAlarm (4) Package: netw Raised on class: netw.NetworkElement	Severity: critical Implicitly cleared: true Default probable cause: NodeSuspend (2057)	<ul style="list-style-type: none"> • 6.6.1 • 6.6.2 • 6.6.3 • 6.6.4 • 6.6.5
Description: The alarm is raised when the 5620 SAM detects an NE moved to suspend state as per user request.		
Raising condition: ('SNMP Reachability' EQUAL 'Suspended')		
Clearing condition: ('SNMP Reachability' NOT EQUAL 'Suspended')		

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Alarm	Attributes	Applicable major releases
Remedial action: This alarm is raised when user suspends the network element. The alarm will be cleared when the network element is managed back.		

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Table 30-58 OrphanNodeDetected

Alarm	Attributes	Applicable major releases
Name: OrphanNodeDetected (4866) Type: discoveryControlAlarm (33) Package: netw Raised on class: netw.AdvertisedNode	Severity: major Implicitly cleared: true Default probable cause: nodeNotMangedByAnyEms (1934)	<ul style="list-style-type: none"> • 6.6.1 • 6.6.2 • 6.6.3 • 6.6.4 • 6.6.5
Description: The alarm is raised when node is node managed by any EMS after n retries(threshold crossed) it is manually cleared by the operator or when the node is discovered.		
Raising condition: ('State' EQUAL 'Orphan')		
Remedial action: The NE is not managed by any SAM. Add an discovery rule in order to managed it.		

Table 30-59 OverTemperatureDetected

Alarm	Attributes	Applicable major releases
Name: OverTemperatureDetected (388) Type: environmentalAlarm (2) Package: equipment Raised on class: equipment.Shelf	Severity: major Implicitly cleared: true Default probable cause: equipmentOverheated (5)	<ul style="list-style-type: none"> • 6.6.1 • 6.6.2 • 6.6.3 • 6.6.4 • 6.6.5
Description: The alarm is raised when the chassis temperature exceeds the maximum threshold value.		
Raising condition: ('Over Temperature State' EQUAL 'Over')		
Clearing condition: ('Over Temperature State' NOT EQUAL 'Over')		
Remedial action: The NE has detected internal temperatures which are abnormally high. This could be caused by a failed fan unit or one or more dirty fan filters. Replacing the failed unit or filters should resolve the problem. Alternately the environment that the NE is operating in may not be within specifications found in the NE user guides.		

Table 30-60 PartialResyncProblem

Alarm	Attributes	Applicable major releases
Name: PartialResyncProblem (4401) Type: communicationsAlarm (4) Package: netw Raised on class: netw.NetworkElement	Severity: warning Implicitly cleared: true Default probable cause: partialResyncProblem (1578)	<ul style="list-style-type: none"> • 6.6.1 • 6.6.2 • 6.6.3 • 6.6.4 • 6.6.5
Description: The alarm is raised when a partial resync on an NE fails. For example, when resyncing only some MIB entries as opposed to a full resync. The periodic reachability test (sysUpTime) is not considered a partial resync, neither is a full resync. However, a PartialResyncProblem alarm can only be reset by a FullResync.		
Raising condition: ('partialResyncStatus' EQUAL 'Partial Resync Failed')		
Clearing condition: ('partialResyncStatus' EQUAL 'Partial Resync Done')		
Remedial action: Informational - if the alarm persists or is occurring frequently then investigation is required to understand a) why the underlying transport network is unreliable or b) why the NE is too busy to respond to 5620 SAM or c) has SNMP been disabled on the NE.		

Table 30-61 PersistentIndexParametersMisconfigured

Alarm	Attributes	Applicable major releases
Name: PersistentIndexParametersMisconfigured (173) Type: configurationAlarm (11) Package: netw Raised on class: netw.NetworkElement	Severity: major Implicitly cleared: true Default probable cause: persistentIndexConfigurationMismatch (136)	<ul style="list-style-type: none"> • 6.6.1 • 6.6.2 • 6.6.3 • 6.6.4 • 6.6.5
Description: The alarm is raised when persistence is set to Off in the NE BOF.		
Raising condition: (('Persistent SNMP Indices' EQUAL 'False') OR (('hasRedundantProcessorCards' EQUAL 'true') AND ('Redundant Synchronization Mode' EQUAL 'None'))		
Clearing condition: (('Persistent SNMP Indices' EQUAL 'True') AND (('hasRedundantProcessorCards' EQUAL 'false') OR ('Redundant Synchronization Mode' NOT EQUAL 'None'))		
Remedial action: A configuration error has occurred that must be corrected. Use the CLI on the NE to enable persistency in the BOF. The discovery process will complete on the next discovery scan. A re-scan can be triggered immediately for the NE from within the discovery manager		

Table 30-62 PollerProblem

Alarm	Attributes	Applicable major releases
Name: PollerProblem (31) Type: communicationsAlarm (4) Package: netw Raised on class: netw.NetworkElement	Severity: warning Implicitly cleared: true Default probable cause: resyncFailed (24)	<ul style="list-style-type: none"> • 6.6.1 • 6.6.2 • 6.6.3 • 6.6.4 • 6.6.5

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Alarm	Attributes	Applicable major releases
Description: The alarm is raised when the 5620 SAM is unable to poll a network object, for example, because of intermittent or no IP connectivity to an NE, incorrect SNMP security parameters, or disabled SNMP on the NE.		
Raising condition: ('Resync Status' EQUAL 'Full Resync Failed')		
Clearing condition: ('Resync Status' EQUAL 'Full Resync Done')		
Remedial action: Informational - if the alarm persists or is occurring frequently then investigation is required to understand a) why the underlying transport network is unreliable or b) why the NE is too busy to respond to 5620 SAM or c) has SNMP been disabled on the NE. Once the issue has been resolved SAM will automatically re-attempt.		

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Table 30-63 PortEtherSymMonSDAlarm

Alarm	Attributes	Applicable major releases
Name: PortEtherSymMonSDAlarm (5662) Type: communicationsAlarm (4) Package: ethernetequipment Raised on class: ethernetequipment.EthernetPortSpecifics	Severity: major Implicitly cleared: true Default probable cause: etherPortSymMonSDThresholdExceededAlarm (2439)	<ul style="list-style-type: none"> • 6.6.1 • 6.6.2 • 6.6.3 • 6.6.4 • 6.6.5
Description: The alarm is raised when an Ethernet port Symbol Monitor Failure alarm condition is detected (Signal Degradation Threshold exceeded).		
Raising condition: ('Symbol Alarm Reason' EQUAL 'SD Threshold Exceeded')		
Clearing condition: ('Symbol Alarm Reason' NOT EQUAL 'SD Threshold Exceeded')		
Remedial action: Symbol monitor signal degradation alarm could be cleared by changing/disabling the associated threshold/multiplier values or it is self clearing and will clear once the error rate drops below 1/10th of the configured rate.		

Table 30-64 PortEtherSymMonSFAlarm

Alarm	Attributes	Applicable major releases
Name: PortEtherSymMonSFAlarm (5663) Type: communicationsAlarm (4) Package: ethernetequipment Raised on class: ethernetequipment.EthernetPortSpecifics	Severity: major Implicitly cleared: true Default probable cause: etherPortSymMonSFThresholdExceededAlarm (2440)	<ul style="list-style-type: none"> • 6.6.1 • 6.6.2 • 6.6.3 • 6.6.4 • 6.6.5
Description: The alarm is raised when an Ethernet port Symbol Monitor Failure alarm condition is detected (Signal Failure Threshold exceeded).		
Raising condition: ('Symbol Alarm Reason' EQUAL 'SF Threshold Exceeded')		
Clearing condition: ('Symbol Alarm Reason' NOT EQUAL 'SF Threshold Exceeded')		
Remedial action: Symbol monitor signal failure alarm could be cleared by changing/disabling the associated threshold/multiplier values or by taking the port out of service (eg. shutdown, card/mda reset, physical link loss).		

Table 30-65 PowerSupplyFailure

Alarm	Attributes	Applicable major releases
Name: PowerSupplyFailure (633) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.PowerSupplyTray	Severity: critical Implicitly cleared: true Default probable cause: powerSupplyFailure (117)	<ul style="list-style-type: none"> • 6.6.1 • 6.6.2 • 6.6.3 • 6.6.4 • 6.6.5
Description: The alarm is raised when a power-supply tray reports a failure. When the alarm is raised during device discovery, a power-supply tray may be out of service. When the alarm is raised while the device is in the managed state, a power-supply tray may be out of service or the AC power shelf has a fault condition. The alarm clears when the status changes to OK.		
Raising condition: (('Power Supply 1 Status' EQUAL 'Not Equipped') OR ('Power Supply 1 Status' EQUAL 'Failed'))		
Clearing condition: (('Power Supply 1 Status' EQUAL 'OK'))		
Remedial action: Ensure that the NE is properly connected to power. If the problem persists please contact Alcatel-Lucent support for assistance.		

Table 30-66 PowerSupplyInputFeedDown

Alarm	Attributes	Applicable major releases
Name: PowerSupplyInputFeedDown (5422) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.PowerSupplyTray	Severity: minor Implicitly cleared: true Default probable cause: powerSupplyInputFeedDown (2073)	<ul style="list-style-type: none"> • 6.6.1 • 6.6.2 • 6.6.3 • 6.6.4 • 6.6.5
Description: This alarm is generated if any one of the input feeds for a given power supply is not supplying power.		
Raising condition: (('inputFeedStatus' EQUAL 'Input A Down') OR ('inputFeedStatus' EQUAL 'Input B Down') OR (('inputFeedStatus'allBits'Input A Down') AND ('inputFeedStatus'allBits'Input B Down'))		
Clearing condition: ('inputFeedStatus' EQUAL 'None')		
Remedial action: Restore all of the input feeds that are not supplying power.		

Table 30-67 PowerSupplyRemoved

Alarm	Attributes	Applicable major releases
Name: PowerSupplyRemoved (542) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.PowerSupplyTray	Severity: major Implicitly cleared: true Default probable cause: PowerSupplyRemoved (415)	<ul style="list-style-type: none"> • 6.6.1 • 6.6.2 • 6.6.3 • 6.6.4 • 6.6.5
Description: The alarm is raised when a chassis power supply is removed.		
Raising condition: ('Power Supply 1 Status' EQUAL 'Not Equipped')		
Clearing condition: ('Power Supply 1 Status' NOT EQUAL 'Not Equipped')		

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Alarm	Attributes	Applicable major releases
Remedial action: To recover from this event, the customer is requested to add a new power supply to the system, or change a faulty power supply with a working one.		

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Table 30-68 PrimaryImageBootFailure

Alarm	Attributes	Applicable major releases
Name: PrimaryImageBootFailure (191) Type: configurationAlarm (11) Package: sw Raised on class: sw.CardSoftware	Severity: warning Implicitly cleared: true Default probable cause: bootOptionFileMisconfigured (150)	<ul style="list-style-type: none"> • 6.6.1 • 6.6.2 • 6.6.3 • 6.6.4 • 6.6.5
Description: The alarm is raised when the primary software image specified in an NE BOF is unusable.		
Raising condition: (('imageSource' NOT EQUAL 'Primary') AND ('imageSource' NOT EQUAL 'Unknown'))		
Clearing condition: (('imageSource' EQUAL 'Primary') OR ('imageSource' EQUAL 'Unknown'))		
Remedial action: The SW image on the NE may have been inadvertently corrupted. Download a new copy of the SW image to the NE. If the problem persists contact Alcatel-Lucent support for assistance.		

Table 30-69 RadiusOperStatusDown

Alarm	Attributes	Applicable major releases
Name: RadiusOperStatusDown (3692) Type: radiusOperStatusDownAlarm (105) Package: netw Raised on class: netw.NetworkElement	Severity: critical Implicitly cleared: true Default probable cause: radiusOperationStatusDown (1431)	<ul style="list-style-type: none"> • 6.6.1 • 6.6.2 • 6.6.3 • 6.6.4 • 6.6.5
Description: The alarm is raised when all RADIUS servers have gone down.		
Raising condition: ('Global RADIUS Operational State' EQUAL 'Down')		
Clearing condition: ('Global RADIUS Operational State' EQUAL 'Up')		
Remedial action: Verify the RADIUS server is properly configured and radius server state is up. Check the connectivity between SAM server and radius server configured on the Network element.		

Table 30-70 ReachabilityProblem

Alarm	Attributes	Applicable major releases
Name: ReachabilityProblem (243) Type: communicationsAlarm (4) Package: netw Raised on class: netw.NetworkElement	Severity: major Implicitly cleared: true Default probable cause: ReachabilityTestFailed (176)	<ul style="list-style-type: none"> • 6.6.1 • 6.6.2 • 6.6.3 • 6.6.4 • 6.6.5
Description: The alarm is raised when a mediation poll of the SysUpTimeAlarm object on an NE fails, for example, because of network congestion or because the NE is too busy to respond. The probable cause is an unreachable NE Mediation agent on the NE. The polling interval depends on the NE type and is configurable in nms-server.xml. By default, the 5620 SAM polls a managed NE every four minutes. If a poll fails, the alarm is raised. The alarm clears when the 5620 SAM receives a response from the NE, and the 5620 SAM GUI icon that represents the NE turns from red to green.		
Raising condition: ('SNMP Reachability' EQUAL 'Down')		
Remedial action: Informational - if the alarm persists or is occurring frequently then investigation is required to understand a) why the underlying transport network is unreliable or b) why the NE is too busy to respond to 5620 SAM or c) has SNMP been disabled on the NE. Once the issue has been resolved SAM will automatically re-attempt.		

Table 30-71 ReconfigFailure

Alarm	Attributes	Applicable major releases
Name: ReconfigFailure (1949) Type: communicationsAlarm (4) Package: netw Raised on class: netw.NetworkElement	Severity: critical Implicitly cleared: true Default probable cause: failedReconfig (937)	<ul style="list-style-type: none"> • 6.6.1 • 6.6.2 • 6.6.3 • 6.6.4 • 6.6.5
Description: This alarm is raised when the reconfig action failed.		
Raising condition: ('State' EQUAL 'Failed')		
Clearing condition: ('State' NOT EQUAL 'Failed')		
Remedial action: Verify that the object is configured as expected.		

Table 30-72 RedundantMepMisconfiguration

Alarm	Attributes	Applicable major releases
Name: RedundantMepMisconfiguration (3631) Type: oamAlarm (18) Package: ethernetoam Raised on class: ethernetoam.Mep	Severity: minor Implicitly cleared: true Default probable cause: misconfiguredRedundantMep (1416)	<ul style="list-style-type: none"> • 6.6.1 • 6.6.2 • 6.6.3 • 6.6.4 • 6.6.5
Description: The alarm is raised when an Active and Redundant MEP do not have the same ID, Operational MAC Address or Sub Group configured.		
Raising condition: ('validRedundantMepConfig' EQUAL 'false')		

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Alarm	Attributes	Applicable major releases
Clearing condition: ('validRedundantMepConfig' EQUAL 'true')		
Remedial action: MC-LAG redundant MEP configuration (MEP ID or Mac Address) for Active & Standby Interfaces do not match, this could cause issues with CFM or CCM tests if Active interface changes. Delete and Re-create Standby MEP to match Active.		

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Table 30-73 RedundantMepMissing

Alarm	Attributes	Applicable major releases
Name: RedundantMepMissing (3632) Type: oamAlarm (18) Package: ethernetToam Raised on class: ethernetToam.Mep	Severity: minor Implicitly cleared: true Default probable cause: missingRedundantMep (1417)	<ul style="list-style-type: none"> • 6.6.1 • 6.6.2 • 6.6.3 • 6.6.4 • 6.6.5
Description: The alarm is raised when a MEP misses a redundant counterpart on LAG or SAP.		
Raising condition: (('MC-LAG Inactive' NOT EQUAL 'Not Applicable') AND ('Redundant MEP' EQUAL '\'))		
Clearing condition: (('MC-LAG Inactive' EQUAL 'Not Applicable') OR (('MC-LAG Inactive' NOT EQUAL 'Not Applicable') AND ('Redundant MEP' NOT EQUAL '\')))		
Remedial action: MC-LAG redundant MEP is missing Active & Standby Interfaces, this will cause issues with CFM or CCM tests if Active interface changes. Create missing Active/Standby MEP to match existing.		

Table 30-74 RemoteMepCCMAAlarm

Alarm	Attributes	Applicable major releases
Name: RemoteMepCCMAAlarm (502) Type: oamAlarm (18) Package: ethernetToam Raised on class: ethernetToam.Mep	Severity: major Implicitly cleared: true Default probable cause: missingRemoteMep (388)	<ul style="list-style-type: none"> • 6.6.1 • 6.6.2 • 6.6.3 • 6.6.4 • 6.6.5
Description: The alarm is raised when a MEP loses connectivity with one or more remote MEPs. The Remote MEP DB State tab on a MEP lists the missing remote MEPs.		
Raising condition: ('High-Priority Defect' NOT EQUAL '0')		
Clearing condition: ('High-Priority Defect' EQUAL '0')		
Remedial action: MEP has lost communication with Remote MEP defined in Maintenance Association (MEG) Remote MEP list, Either Remote MEP list is incorrect or diagnose connection fault and resolve.		

Table 30-75 RipDown

Alarm	Attributes	Applicable major releases
Name: RipDown (72) Type: ProtocolAlarm (1) Package: rip Raised on class: rip.Site	Severity: critical Implicitly cleared: true Default probable cause: protocolDown (1)	<ul style="list-style-type: none"> • 6.6.1 • 6.6.2 • 6.6.3 • 6.6.4 • 6.6.5
Description: The alarm is raised when a RIP site has an Operational State other than Up, and the Administrative State is Up.		
Raising condition: (('Administrative State' EQUAL 'Up') AND ('Operational State' NOT EQUAL 'Up'))		
Clearing condition: (('Operational State' EQUAL 'Up') OR ('Administrative State' NOT EQUAL 'Up'))		
Remedial action: The RIP Site is down while it is administratively up. Please check the node e.g. IOM is not shutdown or installed.		

Table 30-76 SaveConfigFailed

Alarm	Attributes	Applicable major releases
Name: SaveConfigFailed (105) Type: configurationAlarm (11) Package: sw Raised on class: sw.BackupRestoreManager	Severity: major Implicitly cleared: true Default probable cause: fileAccessError (90)	<ul style="list-style-type: none"> • 6.6.1 • 6.6.2 • 6.6.3 • 6.6.4 • 6.6.5
Description: The alarm is raised when the admin save command on an NE fails.		
Raising condition: ('Config Save State' EQUAL 'Failure')		
Clearing condition: ('Config Save State' EQUAL 'Success')		
Remedial action: Attempt the admin save command a second time. If the problem persists please contact Alcatel-Lucent support for assistance.		

Table 30-77 ScheduledPollerProblem

Alarm	Attributes	Applicable major releases
Name: ScheduledPollerProblem (4386) Type: communicationsAlarm (4) Package: netw Raised on class: netw.NetworkElement	Severity: warning Implicitly cleared: true Default probable cause: scheduledResyncFailed (1569)	<ul style="list-style-type: none"> • 6.6.1 • 6.6.2 • 6.6.3 • 6.6.4 • 6.6.5
Description: The alarm is raised when the 5620 SAM is unable to poll a network object, for example, because of intermittent or no IP connectivity to an NE, incorrect SNMP security parameters, or disabled SNMP on the NE.		
Raising condition: ('Scheduled Resync Status' EQUAL 'Scheduled Resync Failed')		
Clearing condition: ('Scheduled Resync Status' EQUAL 'Scheduled Resync Done')		

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Alarm	Attributes	Applicable major releases
Remedial action: Informational - if the alarm persists or is occurring frequently then investigation is required to understand a) why the underlying transport network is unreliable or b) why the NE is too busy to respond to 5620 SAM or c) has SNMP been disabled on the NE. Once the issue has been resolved SAM will automatically re-attempt.		

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Table 30-78 ServiceSiteDown

Alarm	Attributes	Applicable major releases
Name: ServiceSiteDown (97) Type: serviceAlarm (16) Package: service Raised on class: service.Site	Severity: critical Implicitly cleared: true Default probable cause: siteDown (83)	<ul style="list-style-type: none"> • 6.6.1 • 6.6.2 • 6.6.3 • 6.6.4 • 6.6.5
Description: The alarm is raised when all SAPs on a site are operationally down, or when the service tunnels for the site are operationally down.		
Raising condition: (('Operational State' NOT EQUAL 'Up') AND ('State Cause' NOT EQUAL 'All Spoke SDP Bindings are Standby'))		
Clearing condition: (('Operational State' EQUAL 'Up') OR ('State Cause' EQUAL 'All Spoke SDP Bindings are Standby'))		
Remedial action: The network resources (i.e. physical ports for SAPs, or physical ports/LSP) associated with the service site should be examined to determine if/why they are operationally down. The underlying transport network supporting the site may also be unreliable.		

Table 30-79 SiteManagementVlanConflict

Alarm	Attributes	Applicable major releases
Name: SiteManagementVlanConflict (223) Type: configurationAlarm (11) Package: vlan Raised on class: vlan.Site	Severity: warning Implicitly cleared: true Default probable cause: topologyMisconfigured (81)	<ul style="list-style-type: none"> • 6.6.1 • 6.6.2 • 6.6.3 • 6.6.4 • 6.6.5
Description: The alarm is raised when the management VLAN ID is used for another type of service.		
Raising condition: ('managementVlanConflict' EQUAL 'true')		
Clearing condition: ('managementVlanConflict' EQUAL 'false')		
Remedial action: Ensure that the VLAN ID of this Management Service Site is not used on any other type of VLAN Service Site.		

Table 30-80 SiteVlanSubTypeConflict

Alarm	Attributes	Applicable major releases
Name: SiteVlanSubTypeConflict (224) Type: configurationAlarm (11) Package: vlan Raised on class: vlan.Site	Severity: major Implicitly cleared: true Default probable cause: topologyMisconfigured (81)	<ul style="list-style-type: none"> • 6.6.1 • 6.6.2 • 6.6.3 • 6.6.4 • 6.6.5
Description: The alarm is raised when more than one type of VLAN service has the same VLAN ID. The alarm is raised against a site.		
Raising condition: ('vlanSubTypeConflict' EQUAL 'true')		
Clearing condition: ('vlanSubTypeConflict' EQUAL 'false')		
Remedial action: Ensure that only one type of VLAN Service is configured with the VLAN ID used by this Site.		

Table 30-81 StatsRetrieveFailed

Alarm	Attributes	Applicable major releases
Name: StatsRetrieveFailed (244) Type: configurationAlarm (11) Package: sw Raised on class: sw.AccountingStatsRetrievalManager	Severity: major Implicitly cleared: false Default probable cause: fileTransferFailure (89)	<ul style="list-style-type: none"> • 6.6.1 • 6.6.2 • 6.6.3 • 6.6.4 • 6.6.5
Description: The alarm is raised when the 5620 SAM main or auxiliary server cannot transfer an accounting file from an NE.		
Raising condition: (('Stats Retrieval State' NOT EQUAL 'Success') AND ('Stats Retrieval State' NOT EQUAL 'Not Attempted'))		
Remedial action: Informational - if the alarm persists or is occurring frequently then investigation is required to understand a) why the underlying transport network is unreliable or b) why the NE is too busy or otherwise cannot respond to the 5620 SAM main or auxiliary server.		

Table 30-82 SubscriberSystemNextHopUsageHigh

Alarm	Attributes	Applicable major releases
Name: SubscriberSystemNextHopUsageHigh (5157) Type: thresholdCrossed (6) Package: netw Raised on class: netw.NetworkElement	Severity: minor Implicitly cleared: true Default probable cause: resourceFull (53)	<ul style="list-style-type: none"> • 6.6.1 • 6.6.2 • 6.6.3 • 6.6.4 • 6.6.5
Description: The alarm is raised when the IP next-hop usage by subscriber managed routes reaches its high watermark, cleared when it reaches its low watermark again; the watermarks are derived from the limit specified with the property subSysNextHopLimit.		
Raising condition: ('IP Next Hop Usage High' EQUAL 'true')		
Clearing condition: ('IP Next Hop Usage High' EQUAL 'false')		

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Alarm	Attributes	Applicable major releases
<p>Remedial action: The alarm is raised when the IP next-hop usage by subscriber managed routes reaches its high watermark, cleared when it reaches its low watermark again; the watermarks are derived from the limit specified with the property subSysNextHopLimit. There is no immediate effect, but when the usage actually hits the limit, new hosts will not get their managed routes.</p>		

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Table 30-83 SubSysChassMemoryUsageHi

Alarm	Attributes	Applicable major releases
<p>Name: SubSysChassMemoryUsageHi (5656) Type: thresholdCrossed (6) Package: equipment Raised on class: equipment.Shelf</p>	<p>Severity: minor Implicitly cleared: true Default probable cause: resourceFull (53)</p>	<ul style="list-style-type: none"> • 6.6.1 • 6.6.2 • 6.6.3 • 6.6.4 • 6.6.5
<p>Description: This alarm is raised when the memory usage by subscriber management on this system or chassis reaches its high watermark ('true').</p>		
<p>Raising condition: ('Memory Usage High' EQUAL 'True')</p>		
<p>Clearing condition: (('Memory Usage High' EQUAL 'False') OR ('Memory Usage High' EQUAL 'unspecified'))</p>		
<p>Remedial action: The memory usage by subscriber management on this system has reached its high watermark. Please check your memory usage.</p>		

Table 30-84 TemperatureThresholdCrossed

Alarm	Attributes	Applicable major releases
<p>Name: TemperatureThresholdCrossed (7) Type: environmentalAlarm (2) Package: equipment Raised on class: equipment.Environment</p>	<p>Severity: major Implicitly cleared: true Default probable cause: equipmentOverheated (5)</p>	<ul style="list-style-type: none"> • 6.6.1 • 6.6.2 • 6.6.3 • 6.6.4 • 6.6.5
<p>Description: The alarm is raised when a temperature crosses a threshold.</p>		
<p>Raising condition: ('temperatureThresholdCrossed' EQUAL 'true')</p>		
<p>Clearing condition: ('temperatureThresholdCrossed' EQUAL 'false')</p>		
<p>Remedial action: The NE has detected internal temperatures which are abnormally high. This could be caused by a failed fan unit or one or more dirty fan filters. Replacing the failed unit or filters should resolve the problem. Alternately the environment that the NE is operating in may not be within specifications found in the NE user guides.</p>		

Table 30-85 TlsSiteDown

Alarm	Attributes	Applicable major releases
Name: TlsSiteDown (163) Type: ProtocolAlarm (1) Package: layer2 Raised on class: layer2.TlsSite	Severity: warning Implicitly cleared: true Default probable cause: protocolDown (1)	<ul style="list-style-type: none"> • 6.6.1 • 6.6.2 • 6.6.3 • 6.6.4 • 6.6.5
Description: The alarm is raised when MVR is disabled on an NE and a TLS VLAN or MVR VLAN service is provisioned on the NE.		
Raising condition: ('TLS Admin Status' EQUAL 'Disabled')		
Clearing condition: ('TLS Admin Status' EQUAL 'Enabled')		
Remedial action: To clear the alarm, enable TLS Admin Status under the Bridge Instance.		

Table 30-86 TmxEqPortEtherLoopDetected

Alarm	Attributes	Applicable major releases
Name: TmxEqPortEtherLoopDetected (461) Type: portEtherLoopDetected (48) Package: ethernetequipment Raised on class: ethernetequipment.EthernetPortSpecifics	Severity: major Implicitly cleared: true Default probable cause: HighBer (238)	<ul style="list-style-type: none"> • 6.6.1 • 6.6.2 • 6.6.3 • 6.6.4 • 6.6.5
Description: The alarm is raised when a device detects a physical loop on an Ethernet port.		
Raising condition: (('Down When Looped Status' EQUAL 'Loop Detected'))		
Clearing condition: (('Down When Looped Status' EQUAL 'No Loop Detected'))		
Remedial action: An Ethernet port has been mis-cabled - please remove the loopback cable on the port.		

Table 30-87 TrapDestinationMisconfigured

Alarm	Attributes	Applicable major releases
Name: TrapDestinationMisconfigured (33) Type: configurationAlarm (11) Package: netw Raised on class: netw.NetworkElement	Severity: major Implicitly cleared: true Default probable cause: trapDestinationMisconfigured (26) Applicable probable causes: <ul style="list-style-type: none"> • trapDestinationMisconfigured • duplicateTrapLogId 	<ul style="list-style-type: none"> • 6.6.1 • 6.6.2 • 6.6.3 • 6.6.4 • 6.6.5
Description: The alarm is raised when the 5620 SAM cannot be added to the NE's SNMP trap destinations.		
Raising condition: ('isTrapDestinationMisconfigured' EQUAL 'true')		
Clearing condition: ('isTrapDestinationMisconfigured' EQUAL 'false')		

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Alarm	Attributes	Applicable major releases
Remedial action: A configuration error has been made which must be corrected. The SNMP trap destination on the NE must be configured to the IP address of the SAM server.		

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Table 30-88 TrapReceivingFailure

Alarm	Attributes	Applicable major releases
Name: TrapReceivingFailure (1083) Type: communications (87) Package: netw Raised on class: netw.NetworkElement	Severity: major Implicitly cleared: false Default probable cause: trapsWillNotBeSent (822)	<ul style="list-style-type: none"> • 6.6.1 • 6.6.2 • 6.6.3 • 6.6.4 • 6.6.5
Description: This user-defined alarm is raised when the NE is unable to send traps because the NE configuration is one of the following: - The Management IP Selection is set to Out Of Band Only, the Primary Route Preference is set to In Band, and the Secondary Route Preference is set to None. - The Management IP Selection is set to In Band Only, the Primary Route Preference is set to Out Of Band, and the Secondary Route Preference is set to None.		
Raising condition: (((('Active Management IP' EQUAL 'In Band') AND ('Management IP Selection' EQUAL 'In Band Only') AND ('Primary Route Preference' EQUAL 'Out Of Band') AND ('Secondary Route Preference' EQUAL 'None')) OR (('Active Management IP' EQUAL 'Out Of Band') AND ('Management IP Selection' EQUAL 'Out Of Band Only') AND ('Primary Route Preference' EQUAL 'In Band') AND ('Secondary Route Preference' EQUAL 'None')) OR (('Active Management IP' EQUAL 'Out Of Band') AND ('Management IP Selection' EQUAL 'In Band Preferred') AND ('Primary Route Preference' EQUAL 'In Band') AND ('Secondary Route Preference' EQUAL 'None')) OR (('Active Management IP' EQUAL 'In Band') AND ('Management IP Selection' EQUAL 'Out Of Band Preferred') AND ('Primary Route Preference' EQUAL 'Out Of Band') AND ('Secondary Route Preference' EQUAL 'None'))))		
Clearing condition: (((('Active Management IP' EQUAL 'In Band') AND ('Management IP Selection' EQUAL 'In Band Only') AND (('Primary Route Preference' EQUAL 'In Band') OR ('Secondary Route Preference' EQUAL 'In Band')) OR (('Active Management IP' EQUAL 'Out Of Band') AND ('Management IP Selection' EQUAL 'Out Of Band Only') AND (('Primary Route Preference' EQUAL 'Out Of Band') OR ('Secondary Route Preference' EQUAL 'Out Of Band')) OR (('Active Management IP' EQUAL 'Out Of Band') AND ('Management IP Selection' EQUAL 'In Band Preferred') AND (('Primary Route Preference' EQUAL 'Out Of Band') OR ('Secondary Route Preference' EQUAL 'Out Of Band')) OR (('Active Management IP' EQUAL 'In Band') AND ('Management IP Selection' EQUAL 'In Band Preferred') AND (('Primary Route Preference' EQUAL 'In Band') OR ('Secondary Route Preference' EQUAL 'In Band')) OR (('Active Management IP' EQUAL 'In Band') AND ('Management IP Selection' EQUAL 'Out Of Band Preferred') AND (('Primary Route Preference' EQUAL 'In Band') OR ('Secondary Route Preference' EQUAL 'In Band')) OR (('Active Management IP' EQUAL 'Out Of Band') AND ('Management IP Selection' EQUAL 'Out Of Band Preferred') AND (('Primary Route Preference' EQUAL 'Out Of Band') OR ('Secondary Route Preference' EQUAL 'Out Of Band'))))		
Remedial action: A configuration error has been made which must be corrected. The configuration error must be corrected per the discussion in the description for this alarm.		

Table 30-89 TrapRoutePreferenceRedundancyMissing

Alarm	Attributes	Applicable major releases
Name: TrapRoutePreferenceRedundancyMissing (1084) Type: communications (87) Package: netw Raised on class: netw.NetworkElement	Severity: warning Implicitly cleared: true Default probable cause: trapsRedundancyMissing (823)	<ul style="list-style-type: none"> • 6.6.1 • 6.6.2 • 6.6.3 • 6.6.4 • 6.6.5
Description: The user-defined alarm is raised when NE management redundancy is configured without trap route preference redundancy.		

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Alarm	Attributes	Applicable major releases
Raising condition: (((('Management IP Selection' EQUAL 'In Band Preferred') AND ('Active Management IP' EQUAL 'In Band') AND ('Primary Route Preference' EQUAL 'In Band') AND ('Secondary Route Preference' EQUAL 'None')) OR (('Management IP Selection' EQUAL 'Out Of Band Preferred') AND ('Active Management IP' EQUAL 'Out Of Band') AND ('Primary Route Preference' EQUAL 'Out Of Band') AND ('Secondary Route Preference' EQUAL 'None'))))		
Clearing condition: (((('Management IP Selection' EQUAL 'In Band Preferred') AND ('Active Management IP' EQUAL 'In Band') AND ('Secondary Route Preference' NOT EQUAL 'None')) OR (('Management IP Selection' EQUAL 'Out Of Band Preferred') AND ('Active Management IP' EQUAL 'Out Of Band') AND ('Secondary Route Preference' NOT EQUAL 'None'))))		
Remedial action: A configuration error has been made which must be corrected. The IP address of the standby SAM server must be configured on the NE in question.		

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Table 30-90 UnidentifiedNode

Alarm	Attributes	Applicable major releases
Name: UnidentifiedNode (1922) Type: communicationsAlarm (4) Package: netw Raised on class: netw.DiscoveredNode	Severity: major Implicitly cleared: true Default probable cause: unidentifiedNode (922)	<ul style="list-style-type: none"> • 6.6.1 • 6.6.2 • 6.6.3 • 6.6.4 • 6.6.5
Description: The alarm is raised when the node being discovered can not be properly identified.		
Raising condition: ('State' EQUAL 'Pending Identification')		
Clearing condition: ('State' NOT EQUAL 'Pending Identification')		
Remedial action: A configuration error has occurred that must be corrected. The eNodeB does not have a system name. The name can be configured by selecting the alarm, opening the associated properties form for the alarmed object and configuring the system name.		

Table 30-91 UnmanageFailed

Alarm	Attributes	Applicable major releases
Name: UnmanageFailed (300) Type: discoveryControlAlarm (33) Package: netw Raised on class: netw.NodeDiscoveryControl	Severity: warning Implicitly cleared: true Default probable cause: unableToDeleteNode (231)	<ul style="list-style-type: none"> • 6.6.1 • 6.6.2 • 6.6.3 • 6.6.4 • 6.6.5
Description: The alarm is raised when an attempt to unmanage an NE fails.		
Raising condition: ('Site State' EQUAL 'Unmanage Failed')		
Clearing condition: ('Site State' NOT EQUAL 'Unmanage Failed')		
Remedial action: Informational - if the alarm persists please contact Alcatel-Lucent support for assistance		

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Table 30-92 UpgradedBuildVersionMismatch

Alarm	Attributes	Applicable major releases
Name: UpgradedBuildVersionMismatch (174) Type: configurationAlarm (11) Package: netw Raised on class: netw.NetworkElement	Severity: warning Implicitly cleared: true Default probable cause: upgradedImageNotBooted (137)	<ul style="list-style-type: none"> • 6.6.1 • 6.6.2 • 6.6.3 • 6.6.4 • 6.6.5
Description: The alarm is raised when the software version that an NE reports after a software upgrade does not match the version of the software used for the upgrade.		
Raising condition: ('upgradedBuildVersionMismatch' EQUAL 'true')		
Clearing condition: ('upgradedBuildVersionMismatch' EQUAL 'false')		
Remedial action: Informational - if the alarm persists please contact Alcatel-Lucent support for assistance		

Table 30-93 upgradedCardAlarm

Alarm	Attributes	Applicable major releases
Name: upgradedCardAlarm (255) Type: softwareAlarm (19) Package: equipment Raised on class: equipment.Card	Severity: warning Implicitly cleared: true Default probable cause: upgradedCard (194)	<ul style="list-style-type: none"> • 6.6.1 • 6.6.2 • 6.6.3 • 6.6.4 • 6.6.5
Description: The alarm is raised when the standby CPM is rebooted and operational after a software upgrade. A device resets an IOM automatically after 120 minutes if the IOM is not manually reset after a CPM upgrade.		
Raising condition: ('operationalState' EQUAL 'Upgrade')		
Clearing condition: ('operationalState' EQUAL 'Up')		
Remedial action: Informational - no corrective action required.		

Table 30-94 VersionConfigRestoreFailed

Alarm	Attributes	Applicable major releases
Name: VersionConfigRestoreFailed (536) Type: configurationAlarm (11) Package: sw Raised on class: sw.BackupRestoreManager	Severity: major Implicitly cleared: true Default probable cause: versionMismatch (405)	<ul style="list-style-type: none"> • 6.6.1 • 6.6.2 • 6.6.3 • 6.6.4 • 6.6.5
Description: The alarm is raised when the restore procedure on an NE fails because of a mismatch between the backup file set version and the NE software version.		
Raising condition: ('lastNmsVersionRestoreState' EQUAL 'Failure')		
Clearing condition: ('lastNmsVersionRestoreState' EQUAL 'Success')		

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Alarm	Attributes	Applicable major releases
Remedial action: The backup files being restored do not match with the version of node software release. Download a new copy of the SW image to the NE. If the problem persists contact Alcatel-Lucent support for assistance.		

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Table 30-95 WrongCpaaSoftwareVersion

Alarm	Attributes	Applicable major releases
Name: WrongCpaaSoftwareVersion (791) Type: equipmentAlarm (3) Package: netw Raised on class: netw.NetworkElement	Severity: critical Implicitly cleared: true Default probable cause: wrongCpaaSoftwareVersion (559)	<ul style="list-style-type: none"> • 6.6.1 • 6.6.2 • 6.6.3 • 6.6.4 • 6.6.5
Description: The alarm is raised when the 7701 CPAA software is the wrong version and requires an upgrade.		
Raising condition: (('Software Version' EQUAL \"TiMOS-B-3.0.Generic \") AND ('Chassis Type' EQUAL '7701 CPAA'))		
Clearing condition: (('Software Version' NOT EQUAL \"TiMOS-B-3.0.Generic \") AND ('Chassis Type' EQUAL '7701 CPAA'))		
Remedial action: The SW version of the CPAA must be upgraded to the version compatible with CPAM version.		

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Note – Some alarms that the 5620 SAM can raise against this device may not be listed in this chapter. Associating alarms with specific NE types is an ongoing Alcatel-Lucent effort. If the 5620 SAM raises an alarm against this device type, and the alarm is not described in this chapter, see chapter 41 for information about the alarm.

Table 31-1 AccessInterfaceDown

Alarm	Attributes	Applicable major releases
Name: AccessInterfaceDown (249) Type: AccessInterfaceAlarm (32) Package: service Raised on class: service.AccessInterface	Severity: critical Implicitly cleared: true Default probable cause: interfaceDown (32)	<ul style="list-style-type: none"> • 6.4.3 • 6.4.4 • 6.4.5
Description: The alarm is raised when an L2 or L3 interface operational state is Down. The alarm is not raised against an L2 access interface that is associated with an MC ring or MC LAG in the standby state.		
Raising condition: (('Operational State' NOT EQUAL 'Up') AND ('State Cause' NOT EQUAL 'Standby For MC-Ring') AND ('State Cause' NOT EQUAL 'Standby For MC-Lag') AND ('State Cause' NOT EQUAL 'Standby For BGP Multi-homing'))		
Clearing condition: (('Operational State' EQUAL 'Up') OR ('State Cause' EQUAL 'Standby For MC-Ring') OR ('State Cause' EQUAL 'Standby For MC-Lag') OR ('State Cause' EQUAL 'Standby For BGP Multi-homing'))		
Remedial action: The condition exists because the physical interface is down either because it is administratively disabled, faulty or a cabling fault has occurred. Ensure that the interface is administratively up. Check for a poor cable connection to the port or for a faulty cable/fiber. If neither appears to be the problem run diagnostics on the port to determine if it is faulty.		

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Table 31-2 ActiveAbnormalCondition

Alarm	Attributes	Applicable major releases
Name: ActiveAbnormalCondition (3938) Type: activeAbnormalConditionAlarm (116) Package: netw Raised on class: netw.NetworkElement	Severity: major Implicitly cleared: true Default probable cause: ActiveAbnormalConditionState (1520)	<ul style="list-style-type: none"> • 6.4.3 • 6.4.4 • 6.4.5
Description: The alarm is an indication for abnormal condition on NE.		
Raising condition: ('abnormalCondition' EQUAL 'true')		
Clearing condition: ('abnormalCondition' EQUAL 'false')		
Remedial action: This alarm is raised when there is a abnormal state indication on NE.		

Table 31-3 AggregatedVFLPortDown

Alarm	Attributes	Applicable major releases
Name: AggregatedVFLPortDown (5436) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.Shelf	Severity: critical Implicitly cleared: true Default probable cause: connectivityIssue (2137)	<ul style="list-style-type: none"> • 6.4.3 • 6.4.4 • 6.4.5
Description: The alarm is generated when the aggregated virtual fabric link on the virtual chassis slot is down.		
Raising condition: (('Shelf Type' EQUAL '7850') AND ('Total Slots' EQUAL '4') AND ('Virtual Fabric Link State' NOT EQUAL 'Up'))		
Clearing condition: (('Shelf Type' EQUAL '7850') AND ('Total Slots' EQUAL '4') AND ('Virtual Fabric Link State' EQUAL 'Up'))		
Remedial action: The alarm is raised when the aggregated virtual fabric link on the virtual chassis is down. Please check the virtual fabric links for the virtual chassis setup.		

Table 31-4 AGWDiameterPeerDown

Alarm	Attributes	Applicable major releases
Name: AGWDiameterPeerDown (844) Type: EpcAlarm (59) Package: lte Raised on class: lte.AGWDiameterPeer	Severity: variable Implicitly cleared: true Default probable cause: EPSPeerDown (602)	<ul style="list-style-type: none"> • 6.4.3 • 6.4.4 • 6.4.5
Description: The alarm is raised when the path management state of a Diameter peer changes to a state other than Up.		
Raising condition: ('Path Diameter Management State' NOT EQUAL 'Active')		
Clearing condition: ('Path Diameter Management State' EQUAL 'Active')		
Remedial action: A Ga reference point (peer) is operationally down for one of the following reasons: the underlying IP or physical interface is down, the far end peer is down or the underlying transport between this NE and the peer NE is down. To resolve the issue ensure that the IP/physical interface is up, check that the far end peer is operational and check that the underlying transport network is up.		

Table 31-5 AuxiliaryServerStatus

Alarm	Attributes	Applicable major releases
Name: AuxiliaryServerStatus (311) Type: communicationsAlarm (4) Package: server Raised on class: server.AuxiliaryServer	Severity: critical Implicitly cleared: true Default probable cause: systemFailed (144)	<ul style="list-style-type: none"> • 6.4.3 • 6.4.4 • 6.4.5
Description: The alarm is raised when a 5620 SAM main server cannot communicate with an auxiliary server. The alarm clears when communication is restored.		
Raising condition: ('Server Status' EQUAL 'Down')		
Clearing condition: ('Server Status' EQUAL 'Up')		
Remedial action: Informational - if the alarm persists or is occurring frequently then investigation is required to understand why the connectivity between the AUX and SAM servers is unreliable.		

Table 31-6 BootableConfigBackupFailed

Alarm	Attributes	Applicable major releases
Name: BootableConfigBackupFailed (103) Type: configurationAlarm (11) Package: sw Raised on class: sw.BackupRestoreManager	Severity: major Implicitly cleared: true Default probable cause: fileTransferFailure (89)	<ul style="list-style-type: none"> • 6.4.3 • 6.4.4 • 6.4.5
Description: The alarm is raised when the 5620 SAM fails to back up a set of NE configuration files.		
Raising condition: ('Backup State' EQUAL 'Failure')		
Clearing condition: ('Backup State' EQUAL 'Success')		
Remedial action: Investigation is required to resolve the following possible scenarios: insufficient disk space is available to accommodate the NE configuration files (additional SAM platform alarms will accompany this alarm); the NE is unreachable (including underlying transport network issue); loss of connectivity to the NE during transfer; the FTP daemon on the NE may have stopped; FTP security credential issues.		

Table 31-7 BootableConfigRestoreFailed

Alarm	Attributes	Applicable major releases
Name: BootableConfigRestoreFailed (104) Type: configurationAlarm (11) Package: sw Raised on class: sw.BackupRestoreManager	Severity: major Implicitly cleared: true Default probable cause: fileTransferFailure (89)	<ul style="list-style-type: none"> • 6.4.3 • 6.4.4 • 6.4.5
Description: The alarm is raised when the 5620 SAM fails to restore a set of NE configuration files.		
Raising condition: ('Restore State' EQUAL 'Failure')		
Clearing condition: ('Restore State' EQUAL 'Success')		

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Alarm	Attributes	Applicable major releases
Remedial action: Investigation is required to resolve the following possible scenarios: the NE is unreachable (including underlying transport network issue); loss of connectivity to the NE during transfer; the FTP daemon on the NE may have stopped; FTP security credential issues.		

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Table 31-8 BootParametersMisconfigured

Alarm	Attributes	Applicable major releases
Name: BootParametersMisconfigured (35) Type: configurationAlarm (11) Package: netw Raised on class: netw.NetworkElement	Severity: critical Implicitly cleared: true Default probable cause: persistentIndexFailure (30) Applicable probable causes: <ul style="list-style-type: none"> • persistentIndexFailure • configFileBootFailure 	<ul style="list-style-type: none"> • 6.4.3 • 6.4.4 • 6.4.5
Description: The alarm is raised when the SNMP Index Boot Status on an NE is not set to Persistent.		
Raising condition: (('isGenericNode' EQUAL 'false') AND ('State' NOT EQUAL 'Pre-provisioned') AND (((('Config File Status' NOT EQUAL 'Executed Successfully') AND ('Config File Status' NOT EQUAL 'configFileStatus_unspecified')) OR (('Persistent Index Status' NOT EQUAL 'Rebuild Succeeded') AND ('Persistent Index Status' NOT EQUAL 'persistentIndexStatus_unspecified'))))		
Clearing condition: (('Config File Status' EQUAL 'Executed Successfully') AND ('Persistent Index Status' EQUAL 'Rebuild Succeeded'))		
Remedial action: Ensure that "SNMP Index Boot Status" is persistent (using cli command "show system information" on the NE). If not, unmanage the network element from SAM, ensure that "persist on" is set in the bof file, save the bof, save a config file, verify that an index file (.ndx) is saved as well, reboot the router, verify that SNMP Index Boot Status is persistent and finally remanage the router from SAM.		

Table 31-9 ClientDelegateServerStatus

Alarm	Attributes	Applicable major releases
Name: ClientDelegateServerStatus (731) Type: communicationsAlarm (4) Package: server Raised on class: server.ClientDelegateServer	Severity: critical Implicitly cleared: true Default probable cause: systemFailed (144)	<ul style="list-style-type: none"> • 6.4.3 • 6.4.4 • 6.4.5
Description: The alarm is raised when a client delegate server is unreachable.		
Raising condition: ('Server Status' EQUAL 'Down')		
Clearing condition: ('Server Status' EQUAL 'Up')		
Remedial action: Informational - if the alarm persists or is occurring frequently then investigation is required to understand why the connectivity between the client delegate platform and SAM servers is unreliable or the client delegate server itself is unreliable.		

Table 31-10 ContainingEquipmentAdministrativelyDown

Alarm	Attributes	Applicable major releases
Name: ContainingEquipmentAdministrativelyDown (466) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.Port	Severity: minor Implicitly cleared: true Default probable cause: containingEquipmentAdministrativelyDown (330)	<ul style="list-style-type: none"> • 6.4.3 • 6.4.4 • 6.4.5
Description: The alarm is raised when the compositeEquipmentState attribute has a value of containingEquipmentAdministrativelyDown.		
Raising condition: (('Status' EQUAL 'Parent Admin Down') AND ('isTerminatable' EQUAL 'true'))		
Clearing condition: (('Status' NOT EQUAL 'Parent Admin Down') OR ('isTerminatable' NOT EQUAL 'true'))		
Remedial action: Informational - no corrective action required.		

Table 31-11 ContainingEquipmentMismatch

Alarm	Attributes	Applicable major releases
Name: ContainingEquipmentMismatch (464) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.Port	Severity: major Implicitly cleared: true Default probable cause: containingEquipmentMismatch (328)	<ul style="list-style-type: none"> • 6.4.3 • 6.4.4 • 6.4.5
Description: The alarm is raised when the compositeEquipmentState attribute has a value of containingEquipmentMismatch.		
Raising condition: (('Status' EQUAL 'Parent Type Mismatch') AND ('isTerminatable' EQUAL 'true'))		
Clearing condition: (('Status' NOT EQUAL 'Parent Type Mismatch') OR ('isTerminatable' NOT EQUAL 'true'))		
Remedial action: A configuration error has occurred which must be corrected. The card type configured for the slot identified in the alarm must match the installed card type.		

Table 31-12 ContainingEquipmentOperationallyDown

Alarm	Attributes	Applicable major releases
Name: ContainingEquipmentOperationallyDown (465) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.Port	Severity: major Implicitly cleared: true Default probable cause: containingEquipmentDown (329)	<ul style="list-style-type: none"> • 6.4.3 • 6.4.4 • 6.4.5
Description: The alarm is raised when the compositeEquipmentState attribute has a value of containingEquipmentOperationallyDown.		
Raising condition: (('Status' EQUAL 'Parent Oper Down') AND ('isTerminatable' EQUAL 'true'))		
Clearing condition: (('Status' NOT EQUAL 'Parent Oper Down') OR ('isTerminatable' NOT EQUAL 'true'))		

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Alarm	Attributes	Applicable major releases
Remedial action: The operational state of the equipment element indicated in the alarm is down. This may be due to the element's administrative state or it may indicate that the element has failed.		

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Table 31-13 CorruptImageFile

Alarm	Attributes	Applicable major releases
Name: CorruptImageFile (171) Type: configurationAlarm (11) Package: mediation Raised on class: mediation.AbstractSoftwareFolderDescriptor	Severity: critical Implicitly cleared: true Default probable cause: invalidOrCorruptImageFile (134)	<ul style="list-style-type: none"> • 6.4.3 • 6.4.4 • 6.4.5
Description: The alarm is raised when one or more files in the 5620 SAM software image specified for a device software upgrade is invalid, corrupt or absent. The 5620 SAM validates a device software file set before it imports the file set and distributes it to an NE. Ensure that the file set downloads properly to the NE and is not tampered with before you re-attempt the upgrade. The alarm clears when a valid file set is on the NE and the 5620 SAM activates the software image in the file set.		
Raising condition: ('isImageValid' EQUAL 'false')		
Clearing condition: ('isImageValid' EQUAL 'true')		
Remedial action: The existing SW image in the SAM database should be replaced with an image that is known to be complete and valid.		

Table 31-14 downgradedCardAlarm

Alarm	Attributes	Applicable major releases
Name: downgradedCardAlarm (256) Type: softwareAlarm (19) Package: equipment Raised on class: equipment.Card	Severity: warning Implicitly cleared: true Default probable cause: downgradedCard (195)	<ul style="list-style-type: none"> • 6.4.3 • 6.4.4 • 6.4.5
Description: The alarm is raised when an IOM is not upgraded or reset after a device software upgrade of both CPMs. A device resets an IOM automatically after 120 minutes if the IOM is not manually reset after a CPM upgrade.		
Raising condition: ('operationalState' EQUAL 'Downgrade')		
Clearing condition: ('operationalState' EQUAL 'Up')		
Remedial action: Informational - no corrective action required.		

Table 31-15 EfmOamAlarm

Alarm	Attributes	Applicable major releases
Name: EfmOamAlarm (4617) Type: equipmentAlarm (3) Package: ethernetequipment Raised on class: ethernetequipment.Dot3Oam	Severity: minor Implicitly cleared: true Default probable cause: EFMOAMOperationalStateOutOfService (1886)	<ul style="list-style-type: none"> • 6.4.3 • 6.4.4 • 6.4.5
Description: The alarm is raised when EFM Ignore status is Enabled, and Physical port Administrative State is Down.		
Raising condition: ('Ignore EFM State' EQUAL 'true')		
Clearing condition: ('Ignore EFM State' EQUAL 'true')		
Remedial action: The alarm is raised when EFM Ignore status is Enabled, and Physical port Administrative State is Down.		

Table 31-16 EquipmentAdministrativelyDown

Alarm	Attributes	Applicable major releases
Name: EquipmentAdministrativelyDown (455) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.Equipment	Severity: minor Implicitly cleared: true Default probable cause: equipmentAdministrativelyDown (326)	<ul style="list-style-type: none"> • 6.4.3 • 6.4.4 • 6.4.5
Description: The alarm is raised when the compositeEquipmentState attribute has a value of equipmentAdministrativelyDown.		
Raising condition: ('compositeEquipmentState' EQUAL 'Admin Down')		
Clearing condition: ('compositeEquipmentState' NOT EQUAL 'Admin Down')		
Remedial action: Informational - no corrective action required.		

Table 31-17 EquipmentDegraded

Alarm	Attributes	Applicable major releases
Name: EquipmentDegraded (604) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.FanTray	Severity: minor Implicitly cleared: true Default probable cause: singleFanFailure (450)	<ul style="list-style-type: none"> • 6.4.3 • 6.4.4 • 6.4.5
Description: The alarm is raised when a single fan fails. The chassis attempts to continue operating within the normal temperature range using only the remaining fans.		
Raising condition: ('Device State' EQUAL 'MinorFailure')		
Clearing condition: ('Device State' NOT EQUAL 'MinorFailure')		
Remedial action: The failed fan unit should be replaced.		

Table 31-18 EquipmentDown

Alarm	Attributes	Applicable major releases
Name: EquipmentDown (10) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.Equipment	Severity: major Implicitly cleared: true Default probable cause: inoperableEquipment (8)	<ul style="list-style-type: none"> • 6.4.3 • 6.4.4 • 6.4.5
Description: The alarm is raised when the compositeEquipmentState attribute has a value of equipmentOperationallyDown.		
Raising condition: ('compositeEquipmentState' EQUAL 'Oper Down')		
Clearing condition: ('compositeEquipmentState' NOT EQUAL 'Oper Down')		
Remedial action: This alarm indicates that a card in the NE has failed. The card must be replaced.		

Table 31-19 EquipmentFailure

Alarm	Attributes	Applicable major releases
Name: EquipmentFailure (145) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.ReplaceableUnit	Severity: critical Implicitly cleared: true Default probable cause: cardFailure (123)	<ul style="list-style-type: none"> • 6.4.3 • 6.4.4 • 6.4.5
Description: The alarm is raised when a control processor or power-supply tray reports a failure. When the object type is ControlProcessor, a CPM may be unable to boot. When the object type is Power Supply Tray and the alarm is raised during device discovery, a power-supply tray may be out of service. When the object type is a Power Supply Tray and the device is in the managed state, a power-supply tray may be out of service or the AC power shelf has a fault condition. The alarm clears when the status changes to OK.		
Raising condition: ('operationalState' EQUAL 'Failed')		
Clearing condition: ('operationalState' NOT EQUAL 'Failed')		
Remedial action: If the alarm indicates that the CPM card has a fault, remove the card and reset it. If this does not clear the alarm then please contact Alcatel-Lucent support for assistance. If the alarm indicates that the Power Supply tray is out of service ensure that the NE is properly connected to power. If the problem persists please contact Alcatel-Lucent support for assistance.		

Table 31-20 EquipmentInTest

Alarm	Attributes	Applicable major releases
Name: EquipmentInTest (11) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.Equipment	Severity: warning Implicitly cleared: true Default probable cause: equipmentInTest (9)	<ul style="list-style-type: none"> • 6.4.3 • 6.4.4 • 6.4.5
Description: The alarm is raised when equipment enters a diagnostic state.		
Raising condition: ('compositeEquipmentState' EQUAL 'In Test')		
Clearing condition: ('compositeEquipmentState' NOT EQUAL 'In Test')		

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Alarm	Attributes	Applicable major releases
Remedial action: Informational - no corrective action required.		

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Table 31-21 EquipmentMismatch

Alarm	Attributes	Applicable major releases
Name: EquipmentMismatch (9) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.Equipment	Severity: major Implicitly cleared: true Default probable cause: equipmentTypeMismatch (7)	<ul style="list-style-type: none"> • 6.4.3 • 6.4.4 • 6.4.5
Description: The alarm is raised when the compositeEquipmentState attribute has a value of equipmentMismatch.		
Raising condition: ('compositeEquipmentState' EQUAL 'Type Mismatch')		
Clearing condition: ('compositeEquipmentState' NOT EQUAL 'Type Mismatch')		
Remedial action: A configuration error has occurred which must be corrected. The card type configured for the slot identified in the alarm must match the installed card type.		

Table 31-22 EquipmentRemoved

Alarm	Attributes	Applicable major releases
Name: EquipmentRemoved (8) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.Equipment	Severity: major Implicitly cleared: true Default probable cause: replaceableEquipmentRemoved (6)	<ul style="list-style-type: none"> • 6.4.3 • 6.4.4 • 6.4.5
Description: The alarm is raised when the compositeEquipmentState attribute has a value of equipmentMissing.		
Raising condition: (((('isEquipped' EQUAL 'false') OR ('compositeEquipmentState' EQUAL 'Removed')) AND ('isEquipmentInserted' EQUAL 'true'))		
Clearing condition: (('compositeEquipmentState' NOT EQUAL 'Removed') AND ('isEquipped' EQUAL 'true'))		
Remedial action: Informational - this alarm is raised when a card is removed.		

Table 31-23 EthernetPortConfiguredLoopback

Alarm	Attributes	Applicable major releases
Name: EthernetPortConfiguredLoopback (801) Type: configurationAlarm (11) Package: ethernetequipment Raised on class: ethernetequipment.EthernetPortSpecifics	Severity: warning Implicitly cleared: true Default probable cause: ethernetPortConfiguredLoopback (567)	<ul style="list-style-type: none"> • 6.4.3 • 6.4.4 • 6.4.5

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Alarm	Attributes	Applicable major releases
Description: The alarm is raised when a timed loopback is in effect for an Ethernet port.		
Raising condition: (('Type' NOT EQUAL 'None'))		
Clearing condition: (('Type' EQUAL 'None'))		
Remedial action: This alarm has been raised by the node because "Timed Loopback" option of the specific port's Ethernet property has been enabled. To resolve this problem from "Ethernet" tab of "Physical Port" properties form configure "Timed Loopback" Type property as "None".		

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Table 31-24 EthernetPortDuplicateLane

Alarm	Attributes	Applicable major releases
Name: EthernetPortDuplicateLane (3557) Type: communicationsAlarm (4) Package: ethernetequipment Raised on class: ethernetequipment.EthernetPortSpecifics	Severity: major Implicitly cleared: true Default probable cause: DuplicateLane (1387)	<ul style="list-style-type: none"> • 6.4.3 • 6.4.4 • 6.4.5
Description: The alarm is raised when a device reports a Duplicate Lane on an Ethernet port.		
Raising condition: (('Outstanding Alarms'anyBit'Duplicate Lane') AND ('Report Alarms'anyBit'Duplicate Lane'))		
Clearing condition: NOT (('Outstanding Alarms'anyBit'Duplicate Lane') AND ('Report Alarms'anyBit'Duplicate Lane'))		
Remedial action: One of the following conditions exists on the referenced physical interface which must be corrected. A cable/fiber fault exists which must be corrected - check to ensure that the cable is not faulty and is properly connected. The port is faulty - run diagnostics on the port to determine the nature of the fault. If the problem cannot be resolved swap the card containing the port with a card which is known be functional.		

Table 31-25 EthernetPortHighBer

Alarm	Attributes	Applicable major releases
Name: EthernetPortHighBer (307) Type: communicationsAlarm (4) Package: ethernetequipment Raised on class: ethernetequipment.EthernetPortSpecifics	Severity: major Implicitly cleared: true Default probable cause: HighBer (238)	<ul style="list-style-type: none"> • 6.4.3 • 6.4.4 • 6.4.5
Description: The alarm is raised when a device reports a high bit-error rate on an Ethernet port.		
Raising condition: (('Outstanding Alarms'anyBit'High Bit Error Rate') AND ('Report Alarms'anyBit'High Bit Error Rate'))		
Clearing condition: NOT (('Outstanding Alarms'anyBit'High Bit Error Rate') AND ('Report Alarms'anyBit'High Bit Error Rate'))		
Remedial action: One of the following conditions exists on the physical interface which must be corrected. A cable/fiber fault exists which must be corrected - check to ensure that the cable is not faulty and is properly connected. The port is faulty - run diagnostics on the port to determine the nature of the fault.		

Table 31-26 EthernetPortLocalFault

Alarm	Attributes	Applicable major releases
Name: EthernetPortLocalFault (305) Type: communicationsAlarm (4) Package: ethernetequipment Raised on class: ethernetequipment.EthernetPortSpecifics	Severity: major Implicitly cleared: true Default probable cause: LocalFault (236)	<ul style="list-style-type: none"> • 6.4.3 • 6.4.4 • 6.4.5
Description: The alarm is raised when a device reports a local fault on an Ethernet port.		
Raising condition: (('Outstanding Alarms'anyBit'Local Fault') AND ('Report Alarms'anyBit'Local Fault'))		
Clearing condition: NOT (('Outstanding Alarms'anyBit'Local Fault') AND ('Report Alarms'anyBit'Local Fault'))		
Remedial action: One of the following conditions exists on the physical interface which must be corrected. A cable/fiber fault exists which must be corrected - check to ensure that the cable is not faulty and is properly connected. The port is faulty - run diagnostics on the port to determine the nature of the fault.		

Table 31-27 EthernetPortNoAmLock

Alarm	Attributes	Applicable major releases
Name: EthernetPortNoAmLock (3558) Type: communicationsAlarm (4) Package: ethernetequipment Raised on class: ethernetequipment.EthernetPortSpecifics	Severity: major Implicitly cleared: true Default probable cause: NoAmLock (1388)	<ul style="list-style-type: none"> • 6.4.3 • 6.4.4 • 6.4.5
Description: The alarm is raised when a device reports a No Am Lock on an Ethernet port.		
Raising condition: (('Outstanding Alarms'anyBit'No AM Lock') AND ('Report Alarms'anyBit'No AM Lock'))		
Clearing condition: NOT (('Outstanding Alarms'anyBit'No AM Lock') AND ('Report Alarms'anyBit'No AM Lock'))		
Remedial action: One of the following conditions exists on the referenced physical interface which must be corrected. A cable/fiber fault exists which must be corrected - check to ensure that the cable is not faulty and is properly connected. The port is faulty - run diagnostics on the port to determine the nature of the fault. If the problem cannot be resolved swap the card containing the port with a card which is known be functional.		

Table 31-28 EthernetPortNoBlockLock

Alarm	Attributes	Applicable major releases
Name: EthernetPortNoBlockLock (3559) Type: communicationsAlarm (4) Package: ethernetequipment Raised on class: ethernetequipment.EthernetPortSpecifics	Severity: major Implicitly cleared: true Default probable cause: NoBlockLock (1389)	<ul style="list-style-type: none"> • 6.4.3 • 6.4.4 • 6.4.5
Description: The alarm is raised when a device reports a No Block Lock on an Ethernet port.		
Raising condition: (('Outstanding Alarms'anyBit'No Block Lock') AND ('Report Alarms'anyBit'No Block Lock'))		

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Alarm	Attributes	Applicable major releases
Clearing condition: NOT (('Outstanding Alarms'anyBit'No Block Lock') AND ('Report Alarms'anyBit'No Block Lock'))		
Remedial action: One of the following conditions exists on the referenced physical interface which must be corrected. A cable/fiber fault exists which must be corrected - check to ensure that the cable is not faulty and is properly connected. The port is faulty - run diagnostics on the port to determine the nature of the fault. If the problem cannot be resolved swap the card containing the port with a card which is known be functional.		

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Table 31-29 EthernetPortNoFrameLock

Alarm	Attributes	Applicable major releases
Name: EthernetPortNoFrameLock (306) Type: communicationsAlarm (4) Package: ethernetequipment Raised on class: ethernetequipment.EthernetPortSpecifics	Severity: major Implicitly cleared: true Default probable cause: NoFrameLock (237)	<ul style="list-style-type: none"> • 6.4.3 • 6.4.4 • 6.4.5
Description: The alarm is raised when a device reports No Frame Lock on an Ethernet port.		
Raising condition: (('Outstanding Alarms'anyBit'No Frame Lock') AND ('Report Alarms'anyBit'No Frame Lock'))		
Clearing condition: NOT (('Outstanding Alarms'anyBit'No Frame Lock') AND ('Report Alarms'anyBit'No Frame Lock'))		
Remedial action: One of the following conditions exists on the physical interface which must be corrected. A cable/fiber fault exists which must be corrected - check to ensure that the cable is not faulty and is properly connected. The port is faulty - run diagnostics on the port to determine the nature of the fault.		

Table 31-30 EthernetPortRemoteFault

Alarm	Attributes	Applicable major releases
Name: EthernetPortRemoteFault (304) Type: communicationsAlarm (4) Package: ethernetequipment Raised on class: ethernetequipment.EthernetPortSpecifics	Severity: major Implicitly cleared: true Default probable cause: RemoteFault (235)	<ul style="list-style-type: none"> • 6.4.3 • 6.4.4 • 6.4.5
Description: The alarm is raised when a device reports a remote fault on an Ethernet port.		
Raising condition: (('Outstanding Alarms'anyBit'Remote Fault') AND ('Report Alarms'anyBit'Remote Fault'))		
Clearing condition: NOT (('Outstanding Alarms'anyBit'Remote Fault') AND ('Report Alarms'anyBit'Remote Fault'))		
Remedial action: One of the following conditions exists on the remote physical interface which must be corrected. A cable/fiber fault exists which must be corrected - check to ensure that the cable is not faulty and is properly connected. The port is faulty - run diagnostics on the port to determine the nature of the fault.		

Table 31-31 EthernetPortSignalFailure

Alarm	Attributes	Applicable major releases
Name: EthernetPortSignalFailure (303) Type: communicationsAlarm (4) Package: ethernetequipment Raised on class: ethernetequipment.EthernetPortSpecifics	Severity: major Implicitly cleared: true Default probable cause: SignalFailure (234)	<ul style="list-style-type: none"> • 6.4.3 • 6.4.4 • 6.4.5
Description: The alarm is raised when a device reports a signal failure on an Ethernet port.		
Raising condition: (('Outstanding Alarms'anyBit'Signal Failure') AND ('Report Alarms'anyBit'Signal Failure'))		
Clearing condition: NOT (('Outstanding Alarms'anyBit'Signal Failure') AND ('Report Alarms'anyBit'Signal Failure'))		
Remedial action: One of the following conditions exists on the physical interface which must be corrected. A cable/fiber fault exists which must be corrected - check to ensure that the cable is not faulty and is properly connected. The port is faulty - run diagnostics on the port to determine the nature of the fault.		

Table 31-32 FanFailure

Alarm	Attributes	Applicable major releases
Name: FanFailure (624) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.FanTray	Severity: critical Implicitly cleared: true Default probable cause: fanFailure (116)	<ul style="list-style-type: none"> • 6.4.3 • 6.4.4 • 6.4.5
Description: The alarm is raised when the associated fan is not operationally Up.		
Raising condition: (('Device State' EQUAL 'Failed') OR ('Device State' EQUAL 'Unknown') OR ('Device State' EQUAL 'OutOfservice'))		
Clearing condition: ('Device State' EQUAL 'OK')		
Remedial action: Remove and reset the fan unit. If this does not resolve the problem replace the fan.		

Table 31-33 FanTrayRemoved

Alarm	Attributes	Applicable major releases
Name: FanTrayRemoved (569) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.FanTray	Severity: critical Implicitly cleared: true Default probable cause: FanTrayRemoved (438)	<ul style="list-style-type: none"> • 6.4.3 • 6.4.4 • 6.4.5
Description: The alarm is raised when the deviceState attribute has a value of deviceNotEquipped.		
Raising condition: ('Device State' EQUAL 'Not Equipped')		
Clearing condition: ('Device State' NOT EQUAL 'Not Equipped')		
Remedial action: Informational - a fan tray has been removed from the NE.		

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Table 31-34 FrameSizeProblem (netw)

Alarm	Attributes	Applicable major releases
Name: FrameSizeProblem (37) Type: configurationAlarm (11) Package: netw Raised on class: netw.StatefullConnectableInterface	Severity: critical Implicitly cleared: true Default probable cause: frameSizeProblem (33)	<ul style="list-style-type: none"> • 6.4.3 • 6.4.4 • 6.4.5
Description: The alarm is raised when a provisioned MTU size value is greater than the supported MTU size value.		
Raising condition: (('mtuMismatch' EQUAL 'true') AND ('portId' NOT EQUAL '0L'))		
Clearing condition: (('mtuMismatch' EQUAL 'false') OR ('portId' EQUAL '0L'))		
Remedial action: A configuration error has been made which must be corrected. The MTU value must be changed such that is less than or equal to the supported MTU size value.		

Table 31-35 GaPeerDown

Alarm	Attributes	Applicable major releases
Name: GaPeerDown (3303) Type: EpcAlarm (59) Package: Iteggns Raised on class: Iteggns.GaPeer	Severity: major Implicitly cleared: true Default probable cause: EPSPeerDown (602)	<ul style="list-style-type: none"> • 6.4.3 • 6.4.4 • 6.4.5
Description: The alarm is raised when the path management state of a Ga peer changes to a state other than Up.		
Raising condition: ('Path Management State' NOT EQUAL 'Active')		
Clearing condition: ('Path Management State' EQUAL 'Active')		
Remedial action: A Ga reference point (peer) is operationally down for one of the following reasons: the underlying IP or physical interface is down, the far end peer is down or the underlying transport between this NE and the peer NE is down. To resolve the issue ensure that the IP/physical interface is up, check that the far end peer is operational and check that the underlying transport network is up.		

Table 31-36 IfVlanSubTypeConflict

Alarm	Attributes	Applicable major releases
Name: IfVlanSubTypeConflict (213) Type: configurationAlarm (11) Package: vlan Raised on class: vlan.L2AccessInterface	Severity: major Implicitly cleared: true Default probable cause: topologyMisconfigured (81)	<ul style="list-style-type: none"> • 6.4.3 • 6.4.4 • 6.4.5
Description: The alarm is raised when more than one type of VLAN service is configured with the same VLAN ID. The alarm is raised against an L2 access interface.		
Raising condition: ('vlanSubTypeConflict' EQUAL 'true')		
Clearing condition: ('vlanSubTypeConflict' EQUAL 'false')		

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Alarm	Attributes	Applicable major releases
Remedial action: Ensure that only one type of VLAN Service is configured with the VLAN ID used by this Interface.		

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Table 31-37 IgmpDown

Alarm	Attributes	Applicable major releases
Name: IgmpDown (158) Type: ProtocolAlarm (1) Package: igmp Raised on class: igmp.Site	Severity: critical Implicitly cleared: true Default probable cause: protocolDown (1)	<ul style="list-style-type: none"> • 6.4.3 • 6.4.4 • 6.4.5
Description: The alarm is raised when an IGMP site has an Operational State other than Up, and the Administrative State is Up.		
Raising condition: (('Administrative State' EQUAL 'Up') AND ('Operational State' NOT EQUAL 'Up'))		
Clearing condition: (('Operational State' EQUAL 'Up') OR ('Administrative State' NOT EQUAL 'Up'))		
Remedial action: While configured under VPRN, check if VPRN site is admin down, or if route distinguisher is not configured.		

Table 31-38 IgmpSnoopingDown

Alarm	Attributes	Applicable major releases
Name: IgmpSnoopingDown (161) Type: ProtocolAlarm (1) Package: layer2 Raised on class: layer2.Bridge	Severity: warning Implicitly cleared: true Default probable cause: protocolDown (1)	<ul style="list-style-type: none"> • 6.4.3 • 6.4.4 • 6.4.5
Description: The alarm is raised when IGMP snooping is disabled on an NE and a TLS VLAN or MVR VLAN service is provisioned on the NE.		
Raising condition: ('IGMP Snooping' EQUAL 'Disabled')		
Clearing condition: ('IGMP Snooping' EQUAL 'Enabled')		
Remedial action: To clear the alarm, enable IGMP Snooping under the Bridge Instance.		

Table 31-39 IncompleteConfiguration

Alarm	Attributes	Applicable major releases
Name: IncompleteConfiguration (1942) Type: operationalViolation (93) Package: netw Raised on class: netw.NetworkElement	Severity: warning Implicitly cleared: true Default probable cause: incompleteConfig (225)	<ul style="list-style-type: none"> • 6.4.3 • 6.4.4 • 6.4.5
Description: The alarm is raised when a pre-provisioned NE has no objects configured beneath it.		

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Alarm	Attributes	Applicable major releases
Raising condition: (('State' EQUAL 'Pre-provisioned') AND ('eNodeB Equipment' EQUAL '\'))		
Clearing condition: (('State' EQUAL 'Pre-provisioned') AND ('eNodeB Equipment' NOT EQUAL '\'))		
Remedial action: A configuration error has been made which must be corrected. The configuration of the pre-provisioned NE is incomplete. A work order was not associated with the pre-provisioned NE and as a consequence the attempt to auto-configure the NE failed.		

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Table 31-40 InterfaceDown (netw)

Alarm	Attributes	Applicable major releases
Name: InterfaceDown (36) Type: InterfaceAlarm (13) Package: netw Raised on class: netw.StatefullConnectableInterface	Severity: critical Implicitly cleared: true Default probable cause: interfaceDown (32)	<ul style="list-style-type: none"> • 6.4.3 • 6.4.4 • 6.4.5
Description: The alarm is raised when an interface or underlying resource fails, as indicated by an interface compositeState attribute value of failed or underlyingResourceFailed.		
Raising condition: (('compositeState' EQUAL 'Inoperable') OR ('compositeState' EQUAL 'Underlying Resource Inoperable'))		
Clearing condition: (('compositeState' NOT EQUAL 'Inoperable') AND ('compositeState' NOT EQUAL 'Underlying Resource Inoperable'))		
Remedial action: A physical port (physical interface, LAG, channel) associated with the network interface in not operation. Ensure that the interface is cabled and that there is not a configuration error (i.e. MTU size set incorrectly) on the interface. Once the issue w		

Table 31-41 LagDown

Alarm	Attributes	Applicable major releases
Name: LagDown (20) Type: equipmentAlarm (3) Package: lag Raised on class: lag.Interface	Severity: critical Implicitly cleared: true Default probable cause: lagDown (17)	<ul style="list-style-type: none"> • 6.4.3 • 6.4.4 • 6.4.5
Description: The alarm is raised when all ports in a LAG are operationally down.		
Raising condition: (('Administrative State' EQUAL 'Up') AND ('operationalState' NOT EQUAL 'Up'))		
Clearing condition: (('operationalState' EQUAL 'Up') OR ('Administrative State' NOT EQUAL 'Up'))		
Remedial action: This alarm indicates that all physical Ethernet links associated with a LAG are operationally down. The reasons for the links to be down may vary from link to link. The following possible causes of this alarm should be investigated. The physical port (near end or far end may have failed - this can be remedied by replacing the interface card in question. The physical links may have been turned down administratively - re-enable the links. A cable failure or disconnect may have occurred - please ensure that the cables are properly connected to the physical port and and that the cable has not been damaged.		

Table 31-42 LagPortAddFailed

Alarm	Attributes	Applicable major releases
Name: LagPortAddFailed (422) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.PhysicalPort	Severity: warning Implicitly cleared: true Default probable cause: linkDown (315)	<ul style="list-style-type: none"> • 6.4.3 • 6.4.4 • 6.4.5
Description: The alarm is raised when the Lag Port Add function Fails.		
Raising condition: (('state' EQUAL 'Link Down') AND ('LAG ID' > '0'))		
Clearing condition: (('state' NOT EQUAL 'Link Down') OR ('LAG ID' EQUAL '0'))		
Remedial action: A configuration error has occurred which must be corrected. The link that was to be added to the LAG group may be of the wrong type (i.e. non ethernet) or the limit of the number of links supported in a LAG may have been reached.		

Table 31-43 LicensedLimitExceeded

Alarm	Attributes	Applicable major releases
Name: LicensedLimitExceeded (127) Type: licensingAlarm (23) Package: security Raised on class: security.ProductLicense	Severity: critical Implicitly cleared: true Default probable cause: licensedLimitExceeded (106)	<ul style="list-style-type: none"> • 6.4.3 • 6.4.4 • 6.4.5
Description: The alarm is raised when the license items in the network exceeds 100 percent of the license capacity.		
Raising condition: ('Exceeded' EQUAL 'true')		
Clearing condition: ('Exceeded' NOT EQUAL 'true')		
Remedial action: Informational - The number of SAM licenses purchased and available on the SAM server is insufficient as compared to the number of NEs/MDA/Cells under management in the network. Please contact Alcatel-Lucent Sales to purchase additional licenses.		

Table 31-44 LinkDown (equipment)

Alarm	Attributes	Applicable major releases
Name: LinkDown (12) Type: communicationsAlarm (4) Package: equipment Raised on class: equipment.Equipment	Severity: major Implicitly cleared: true Default probable cause: portLinkProblem (10)	<ul style="list-style-type: none"> • 6.4.3 • 6.4.4 • 6.4.5
Description: The alarm is raised when a port has no associated physical link or remote end point is operationally down.		
Raising condition: (('compositeEquipmentState' EQUAL 'Link Down') OR ('compositeEquipmentState' EQUAL 'Oper Down'))		
Clearing condition: (('compositeEquipmentState' NOT EQUAL 'Link Down') AND ('compositeEquipmentState' NOT EQUAL 'Oper Down'))		
Remedial action: Please make sure that port has physical link and remote end point is operationally up.		

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Table 31-45 LowTemperatureDetected

Alarm	Attributes	Applicable major releases
Name: LowTemperatureDetected (1127) Type: environmentalAlarm (2) Package: equipment Raised on class: equipment.Shelf	Severity: major Implicitly cleared: true Default probable cause: equipmentOvercooled (838)	<ul style="list-style-type: none"> • 6.4.3 • 6.4.4 • 6.4.5
Description: The alarm is raised when the chassis temperature falls below the minimum threshold.		
Raising condition: ('Low Temperature State' EQUAL 'Low')		
Clearing condition: ('Low Temperature State' NOT EQUAL 'Low')		
Remedial action: The NE has detected internal temperatures which are abnormally low. This may happen when the environment that the NE is operating in may not be within specifications found in the NE user guides.		

Table 31-46 LowTemperatureThresholdCrossed

Alarm	Attributes	Applicable major releases
Name: LowTemperatureThresholdCrossed (1128) Type: environmentalAlarm (2) Package: equipment Raised on class: equipment.Environment	Severity: major Implicitly cleared: true Default probable cause: equipmentOvercooled (838)	<ul style="list-style-type: none"> • 6.4.3 • 6.4.4 • 6.4.5
Description: The alarm is raised when a low-temperature threshold is crossed.		
Raising condition: ('lowTemperatureThresholdCrossed' EQUAL 'true')		
Clearing condition: ('lowTemperatureThresholdCrossed' EQUAL 'false')		
Remedial action: The NE has detected internal temperatures which are abnormally high. This could be caused by a failed fan unit or one or more dirty fan filters. Replacing the failed unit or filters should resolve the problem. Alternately the environment that the NE is operating in may not be within specifications found in the NE user guides.		

Table 31-47 LpsViolation

Alarm	Attributes	Applicable major releases
Name: LpsViolation (518) Type: learnedPortSecurityAlarm (51) Package: lps Raised on class: lps.LearnedPortSecurity	Severity: major Implicitly cleared: true Default probable cause: learnedPortSecurityViolation (393)	<ul style="list-style-type: none"> • 6.4.3 • 6.4.4 • 6.4.5
Description: The alarm is raised when the 5620 SAM detects an LPS violation.		
Raising condition: ('Operational State' EQUAL 'Security Violated')		
Clearing condition: ('Operational State' EQUAL 'Down')		
Remedial action: Port reset is required to return the port to normal operation.		

Table 31-48 macMoveRateExceeded (service)

Alarm	Attributes	Applicable major releases
Name: macMoveRateExceeded (3690) Type: accessInterfaceAlarm (40) Package: service Raised on class: service.AccessInterface	Severity: minor Implicitly cleared: true Default probable cause: MacMoveRateExceeded (1429)	<ul style="list-style-type: none"> • 6.4.3 • 6.4.4 • 6.4.5
Description: The alarm is raised when the SAP exceeds the MAC Move Frequency of the service site.		
Raising condition: ('State Cause'anyBit'Relearn Limit Exceeded')		
Clearing condition: NOT (('State Cause'anyBit'Relearn Limit Exceeded'))		
Remedial action: Informational.		

Table 31-49 macMoveRateExceededNonBlock (service)

Alarm	Attributes	Applicable major releases
Name: macMoveRateExceededNonBlock (4893) Type: accessInterfaceAlarm (40) Package: service Raised on class: service.AccessInterface	Severity: info Implicitly cleared: true Default probable cause: MacMoveRateExceededNonBlock (1951)	<ul style="list-style-type: none"> • 6.4.3 • 6.4.4 • 6.4.5
Description: The alarm is raised when the SAP exceeds the MAC Move Frequency of the service site when limitMacMove(sapTIsLimitMacMove) is set to 'nonBlocking'.		
Raising condition: ('State Cause'anyBit'Relearn Limit Exceeded')		
Clearing condition: NOT (('State Cause'anyBit'Relearn Limit Exceeded'))		
Remedial action: Informational - User can adjust the value of 'MAC Move Maximum Rate' to reduce the frequency of this alarm.		

Table 31-50 MepAISReceivedAlarm

Alarm	Attributes	Applicable major releases
Name: MepAISReceivedAlarm (2945) Type: oamAlarm (18) Package: ethernetOAM Raised on class: ethernetOAM.Mep	Severity: variable Implicitly cleared: true Default probable cause: missingRemoteMep (388)	<ul style="list-style-type: none"> • 6.4.3 • 6.4.4 • 6.4.5
Description: The alarm is raised when a MEP receives AIS test frames from one or more of its sub-layer MEPs.		
Raising condition: (('AIS Received (AisRx)' EQUAL 'true') AND ('Facility VLAN ID' EQUAL '0'))		
Clearing condition: ('AIS Received (AisRx)' EQUAL 'false')		
Remedial action: This alarm indicates that it has received a MEP fault from a sub-layer MEP, user should investigate the fault cause on the sub-layer MEP and resolve this root cause issue.		

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Table 31-51 MobileConnectorDown

Alarm	Attributes	Applicable major releases
Name: MobileConnectorDown (1064) Type: EpcAlarm (59) Package: Iteservice Raised on class: Iteservice.MobileServiceConnector	Severity: minor Implicitly cleared: true Default probable cause: EpcDown (519)	<ul style="list-style-type: none"> • 6.4.3 • 6.4.4 • 6.4.5
Description: The alarm is raised when the 5620 SAM no longer manages the EPS path instance of this mobile service site. As a result, the service must be regenerated.		
Raising condition: ('EPS Path' EQUAL '\')		
Clearing condition: ('EPS Path' NOT EQUAL '\')		
Remedial action: The underlying transport network has gone down resulting in the deletion of a mobile service connector (EPS path). Correct the issue with the transport network and regenerate the mobile service connector by clicking on the re-calculate button on the mobile service properties form.		

Table 31-52 MvrSiteDown

Alarm	Attributes	Applicable major releases
Name: MvrSiteDown (162) Type: ProtocolAlarm (1) Package: layer2 Raised on class: layer2.MvrSite	Severity: warning Implicitly cleared: true Default probable cause: protocolDown (1)	<ul style="list-style-type: none"> • 6.4.3 • 6.4.4 • 6.4.5
Description: The alarm is raised when MVR is disabled on an NE and a TLS VLAN or MVR VLAN service is provisioned on the NE.		
Raising condition: ('MVR Admin Status' EQUAL 'Disabled')		
Clearing condition: ('MVR Admin Status' EQUAL 'Enabled')		
Remedial action: To clear the alarm, enable MVR Admin Status under the Bridge Instance.		

Table 31-53 NeManagementAndTrapManagementMismatch

Alarm	Attributes	Applicable major releases
Name: NeManagementAndTrapManagementMismatch (1079) Type: communicationsAlarm (4) Package: netw Raised on class: netw.NetworkElement	Severity: warning Implicitly cleared: true Default probable cause: neManagementChange (817)	<ul style="list-style-type: none"> • 6.4.3 • 6.4.4 • 6.4.5
Description: This user-defined alarm is raised when the NE configuration is one of the following: - The Active Management IP is set to Out Of Band, and the Primary Route Preference is set to In Band. - The Active Management IP is set to In Band, and the Primary Route Preference is set to Out of Band.		

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Alarm	Attributes	Applicable major releases
Raising condition: (((('Active Management IP' EQUAL 'In Band') AND (('Management IP Selection' EQUAL 'In Band Preferred') OR ('Management IP Selection' EQUAL 'In Band Only'))) AND ('Primary Route Preference' EQUAL 'Out Of Band') AND ('Secondary Route Preference' EQUAL 'In Band')) OR (('Active Management IP' EQUAL 'Out Of Band') AND (('Management IP Selection' EQUAL 'Out Of Band Preferred') OR ('Management IP Selection' EQUAL 'Out Of Band Only'))) AND ('Primary Route Preference' EQUAL 'In Band') AND ('Secondary Route Preference' EQUAL 'Out Of Band'))		
Clearing condition: (((('Active Management IP' EQUAL 'In Band') AND (('Management IP Selection' EQUAL 'In Band Preferred') OR ('Management IP Selection' EQUAL 'In Band Only'))) AND ('Primary Route Preference' EQUAL 'In Band')) OR (('Active Management IP' EQUAL 'Out Of Band') AND (('Management IP Selection' EQUAL 'Out Of Band Preferred') OR ('Management IP Selection' EQUAL 'Out Of Band Only'))) AND ('Primary Route Preference' EQUAL 'Out Of Band'))		
Remedial action: A configuration error has been made which must be corrected. The parameters described in the description for this alarm must match.		

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Table 31-54 NewSsh2ServerKeyDetected

Alarm	Attributes	Applicable major releases
Name: NewSsh2ServerKeyDetected (285) Type: communicationsAlarm (4) Package: security Raised on class: security.KnownHostKey	Severity: warning Implicitly cleared: true Default probable cause: ssh2ServerKeyMismatch (217)	<ul style="list-style-type: none"> • 6.4.3 • 6.4.4 • 6.4.5
Description: The alarm is raised when a 5620 SAM main server detects a new public SSH key.		
Raising condition: ('SSH2 Server Key Status' EQUAL 'Mismatch SSH2 Host Key')		
Clearing condition: ('SSH2 Server Key Status' EQUAL 'Active SSH2 Host Key')		
Remedial action: Informational - possible security breach. The SSH key of the router is different from the one known to the SAM server.		

Table 31-55 NodeDatabaseFallbackDetected

Alarm	Attributes	Applicable major releases
Name: NodeDatabaseFallbackDetected (2923) Type: communicationsAlarm (4) Package: netw Raised on class: netw.NetworkElement	Severity: major Implicitly cleared: true Default probable cause: nodeDatabaseFallback (1121)	<ul style="list-style-type: none"> • 6.4.3 • 6.4.4 • 6.4.5
Description: The alarm is raised when a configuration fallback is detected on the node and comes back up with a previous configuration. To correct this situation it might be necessary to reconfigure the node, or perform full resync its database with the 'fallback' configuration returned by the node.		
Raising condition: ('State' EQUAL 'Node Configuration Fallback')		
Clearing condition: ('State' EQUAL 'Managed')		
Remedial action: the NE has come back to a previous configuration. Perform a manual Full Resync or a Reconfigure of the NE		

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Table 31-56 NodeDatabaseMisalignmentDetected

Alarm	Attributes	Applicable major releases
Name: NodeDatabaseMisalignmentDetected (2924) Type: communicationsAlarm (4) Package: netw Raised on class: netw.NetworkElement	Severity: major Implicitly cleared: true Default probable cause: nodeDatabaseMisalignment (1122)	<ul style="list-style-type: none"> • 6.4.3 • 6.4.4 • 6.4.5
Description: The alarm is raised when a configuration misalignment has been detected on the node and comes back up with an unexpected configuration (configuration change triggered by external tool) To correct this situation it might be necessary to reconfigure the node with the 5620 SAM's old configuration or accept the new configuration received from the node.		
Raising condition: ('State' EQUAL 'Node Configuration Misalignment')		
Clearing condition: ('State' EQUAL 'Managed')		
Remedial action: the NE configuration is misaligned. Perform a resync in order to update SAM configuration according to the NE.		

Table 31-57 NodeSuspended

Alarm	Attributes	Applicable major releases
Name: NodeSuspended (5123) Type: communicationsAlarm (4) Package: netw Raised on class: netw.NetworkElement	Severity: critical Implicitly cleared: true Default probable cause: NodeSuspend (2057)	<ul style="list-style-type: none"> • 6.4.3 • 6.4.4 • 6.4.5
Description: The alarm is raised when the 5620 SAM detects an NE moved to suspend state as per user request.		
Raising condition: ('SNMP Reachability' EQUAL 'Suspended')		
Clearing condition: ('SNMP Reachability' NOT EQUAL 'Suspended')		
Remedial action: This alarm is raised when user suspends the network element. The alarm will be cleared when the network element is managed back.		

Table 31-58 OrphanNodeDetected

Alarm	Attributes	Applicable major releases
Name: OrphanNodeDetected (4866) Type: discoveryControlAlarm (33) Package: netw Raised on class: netw.AdvertisedNode	Severity: major Implicitly cleared: true Default probable cause: nodeNotMangedByAnyEms (1934)	<ul style="list-style-type: none"> • 6.4.3 • 6.4.4 • 6.4.5
Description: The alarm is raised when node is node managed by any EMS after n retries(threshold crossed) it is manually cleared by the operator or when the node is discovered.		
Raising condition: ('State' EQUAL 'Orphan')		
Remedial action: The NE is not managed by any SAM. Add an discovery rule in order to managed it.		

Table 31-59 OverTemperatureDetected

Alarm	Attributes	Applicable major releases
Name: OverTemperatureDetected (388) Type: environmentalAlarm (2) Package: equipment Raised on class: equipment.Shelf	Severity: major Implicitly cleared: true Default probable cause: equipmentOverheated (5)	<ul style="list-style-type: none"> • 6.4.3 • 6.4.4 • 6.4.5
Description: The alarm is raised when the chassis temperature exceeds the maximum threshold value.		
Raising condition: ('Over Temperature State' EQUAL 'Over')		
Clearing condition: ('Over Temperature State' NOT EQUAL 'Over')		
Remedial action: The NE has detected internal temperatures which are abnormally high. This could be caused by a failed fan unit or one or more dirty fan filters. Replacing the failed unit or filters should resolve the problem. Alternately the environment that the NE is operating in may not be within specifications found in the NE user guides.		

Table 31-60 PartialResyncProblem

Alarm	Attributes	Applicable major releases
Name: PartialResyncProblem (4401) Type: communicationsAlarm (4) Package: netw Raised on class: netw.NetworkElement	Severity: warning Implicitly cleared: true Default probable cause: partialResyncProblem (1578)	<ul style="list-style-type: none"> • 6.4.3 • 6.4.4 • 6.4.5
Description: The alarm is raised when a partial resync on an NE fails. For example, when resyncing only some MIB entries as opposed to a full resync. The periodic reachability test (sysUpTime) is not considered a partial resync, neither is a full resync. However, a PartialResyncProblem alarm can only be reset by a FullResync.		
Raising condition: ('partialResyncStatus' EQUAL 'Partial Resync Failed')		
Clearing condition: ('partialResyncStatus' EQUAL 'Partial Resync Done')		
Remedial action: Informational - if the alarm persists or is occurring frequently then investigation is required to understand a) why the underlying transport network is unreliable or b) why the NE is too busy to respond to 5620 SAM or c) has SNMP been disabled on the NE.		

Table 31-61 PersistentIndexParametersMisconfigured

Alarm	Attributes	Applicable major releases
Name: PersistentIndexParametersMisconfigured (173) Type: configurationAlarm (11) Package: netw Raised on class: netw.NetworkElement	Severity: major Implicitly cleared: true Default probable cause: persistentIndexConfigurationMismatch (136)	<ul style="list-style-type: none"> • 6.4.3 • 6.4.4 • 6.4.5
Description: The alarm is raised when persistence is set to Off in the NE BOF.		
Raising condition: (('Persistent SNMP Indices' EQUAL 'False') OR (('hasRedundantProcessorCards' EQUAL 'true') AND ('Redundant Synchronization Mode' EQUAL 'None')))		

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Alarm	Attributes	Applicable major releases
Clearing condition: (('Persistent SNMP Indices' EQUAL 'True') AND (('hasRedundantProcessorCards' EQUAL 'false') OR ('Redundant Synchronization Mode' NOT EQUAL 'None'))		
Remedial action: A configuration error has occurred that must be corrected. Use the CLI on the NE to enable persistency in the BOF. The discovery process will complete on the next discovery scan. A re-scan can be triggered immediately for the NE from within the discovery manager		

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Table 31-62 PollerProblem

Alarm	Attributes	Applicable major releases
Name: PollerProblem (31) Type: communicationsAlarm (4) Package: netw Raised on class: netw.NetworkElement	Severity: warning Implicitly cleared: true Default probable cause: resyncFailed (24)	<ul style="list-style-type: none"> • 6.4.3 • 6.4.4 • 6.4.5
Description: The alarm is raised when the 5620 SAM is unable to poll a network object, for example, because of intermittent or no IP connectivity to an NE, incorrect SNMP security parameters, or disabled SNMP on the NE.		
Raising condition: ('Resync Status' EQUAL 'Full Resync Failed')		
Clearing condition: ('Resync Status' EQUAL 'Full Resync Done')		
Remedial action: Informational - if the alarm persists or is occurring frequently then investigation is required to understand a) why the underlying transport network is unreliable or b) why the NE is too busy to respond to 5620 SAM or c) has SNMP been disabled on the NE. Once the issue has been resolved SAM will automatically re-attempt.		

Table 31-63 PortEtherSymMonSDAlarm

Alarm	Attributes	Applicable major releases
Name: PortEtherSymMonSDAlarm (5662) Type: communicationsAlarm (4) Package: ethernetequipment Raised on class: ethernetequipment.EthernetPortSpecifics	Severity: major Implicitly cleared: true Default probable cause: etherPortSymMonSDThresholdExceededAlarm (2439)	<ul style="list-style-type: none"> • 6.4.3 • 6.4.4 • 6.4.5
Description: The alarm is raised when an Ethernet port Symbol Monitor Failure alarm condition is detected (Signal Degradation Threshold exceeded).		
Raising condition: ('Symbol Alarm Reason' EQUAL 'SD Threshold Exceeded')		
Clearing condition: ('Symbol Alarm Reason' NOT EQUAL 'SD Threshold Exceeded')		
Remedial action: Symbol monitor signal degradation alarm could be cleared by changing/disabling the associated threshold/multiplier values or it is self clearing and will clear once the error rate drops below 1/10th of the configured rate.		

Table 31-64 PortEtherSymMonSFAlarm

Alarm	Attributes	Applicable major releases
Name: PortEtherSymMonSFAlarm (5663) Type: communicationsAlarm (4) Package: ethernetequipment Raised on class: ethernetequipment.EthernetPortSpecifics	Severity: major Implicitly cleared: true Default probable cause: etherPortSymMonSFThresholdExceededAlarm (2440)	<ul style="list-style-type: none"> • 6.4.3 • 6.4.4 • 6.4.5
Description: The alarm is raised when an Ethernet port Symbol Monitor Failure alarm condition is detected (Signal Failure Threshold exceeded).		
Raising condition: ('Symbol Alarm Reason' EQUAL 'SF Threshold Exceeded')		
Clearing condition: ('Symbol Alarm Reason' NOT EQUAL 'SF Threshold Exceeded')		
Remedial action: Symbol monitor signal failure alarm could be cleared by changing/disabling the associated threshold/multiplier values or by taking the port out of service (eg. shutdown, card/mda reset, physical link loss).		

Table 31-65 PowerSupplyFailure

Alarm	Attributes	Applicable major releases
Name: PowerSupplyFailure (633) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.PowerSupplyTray	Severity: critical Implicitly cleared: true Default probable cause: powerSupplyFailure (117)	<ul style="list-style-type: none"> • 6.4.3 • 6.4.4 • 6.4.5
Description: The alarm is raised when a power-supply tray reports a failure. When the alarm is raised during device discovery, a power-supply tray may be out of service. When the alarm is raised while the device is in the managed state, a power-supply tray may be out of service or the AC power shelf has a fault condition. The alarm clears when the status changes to OK.		
Raising condition: (('Power Supply 1 Status' EQUAL 'Not Equipped') OR ('Power Supply 1 Status' EQUAL 'Failed'))		
Clearing condition: (('Power Supply 1 Status' EQUAL 'OK'))		
Remedial action: Ensure that the NE is properly connected to power. If the problem persists please contact Alcatel-Lucent support for assistance.		

Table 31-66 PowerSupplyInputFeedDown

Alarm	Attributes	Applicable major releases
Name: PowerSupplyInputFeedDown (5422) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.PowerSupplyTray	Severity: minor Implicitly cleared: true Default probable cause: powerSupplyInputFeedDown (2073)	<ul style="list-style-type: none"> • 6.4.3 • 6.4.4 • 6.4.5
Description: This alarm is generated if any one of the input feeds for a given power supply is not supplying power.		
Raising condition: (('inputFeedStatus' EQUAL 'Input A Down') OR ('inputFeedStatus' EQUAL 'Input B Down') OR (('inputFeedStatus'allBits'Input A Down') AND ('inputFeedStatus'allBits'Input B Down'))		

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Alarm	Attributes	Applicable major releases
Clearing condition: ('inputFeedStatus' EQUAL 'None')		
Remedial action: Restore all of the input feeds that are not supplying power.		

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Table 31-67 PowerSupplyRemoved

Alarm	Attributes	Applicable major releases
Name: PowerSupplyRemoved (542) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.PowerSupplyTray	Severity: major Implicitly cleared: true Default probable cause: PowerSupplyRemoved (415)	<ul style="list-style-type: none"> • 6.4.3 • 6.4.4 • 6.4.5
Description: The alarm is raised when a chassis power supply is removed.		
Raising condition: ('Power Supply 1 Status' EQUAL 'Not Equipped')		
Clearing condition: ('Power Supply 1 Status' NOT EQUAL 'Not Equipped')		
Remedial action: To recover from this event, the customer is requested to add a new power supply to the system, or change a faulty power supply with a working one.		

Table 31-68 PrimaryImageBootFailure

Alarm	Attributes	Applicable major releases
Name: PrimaryImageBootFailure (191) Type: configurationAlarm (11) Package: sw Raised on class: sw.CardSoftware	Severity: warning Implicitly cleared: true Default probable cause: bootOptionFileMisconfigured (150)	<ul style="list-style-type: none"> • 6.4.3 • 6.4.4 • 6.4.5
Description: The alarm is raised when the primary software image specified in an NE BOF is unusable.		
Raising condition: (('imageSource' NOT EQUAL 'Primary') AND ('imageSource' NOT EQUAL 'Unknown'))		
Clearing condition: (('imageSource' EQUAL 'Primary') OR ('imageSource' EQUAL 'Unknown'))		
Remedial action: The SW image on the NE may have been inadvertently corrupted. Download a new copy of the SW image to the NE. If the problem persists contact Alcatel-Lucent support for assistance.		

Table 31-69 RadiusOperStatusDown

Alarm	Attributes	Applicable major releases
Name: RadiusOperStatusDown (3692) Type: radiusOperStatusDownAlarm (105) Package: netw Raised on class: netw.NetworkElement	Severity: critical Implicitly cleared: true Default probable cause: radiusOperationStatusDown (1431)	<ul style="list-style-type: none"> • 6.4.3 • 6.4.4 • 6.4.5
Description: The alarm is raised when all RADIUS servers have gone down.		
Raising condition: ('Global RADIUS Operational State' EQUAL 'Down')		
Clearing condition: ('Global RADIUS Operational State' EQUAL 'Up')		
Remedial action: Verify the RADIUS server is properly configured and radius server state is up. Check the connectivity between SAM server and radius server configured on the Network element.		

Table 31-70 ReachabilityProblem

Alarm	Attributes	Applicable major releases
Name: ReachabilityProblem (243) Type: communicationsAlarm (4) Package: netw Raised on class: netw.NetworkElement	Severity: major Implicitly cleared: true Default probable cause: ReachabilityTestFailed (176)	<ul style="list-style-type: none"> • 6.4.3 • 6.4.4 • 6.4.5
Description: The alarm is raised when a mediation poll of the SysUpTimeAlarm object on an NE fails, for example, because of network congestion or because the NE is too busy to respond. The probable cause is an unreachable NE Mediation agent on the NE. The polling interval depends on the NE type and is configurable in nms-server.xml. By default, the 5620 SAM polls a managed NE every four minutes. If a poll fails, the alarm is raised. The alarm clears when the 5620 SAM receives a response from the NE, and the 5620 SAM GUI icon that represents the NE turns from red to green.		
Raising condition: ('SNMP Reachability' EQUAL 'Down')		
Remedial action: Informational - if the alarm persists or is occurring frequently then investigation is required to understand a) why the underlying transport network is unreliable or b) why the NE is too busy to respond to 5620 SAM or c) has SNMP been disabled on the NE. Once the issue has been resolved SAM will automatically re-attempt.		

Table 31-71 ReconfigFailure

Alarm	Attributes	Applicable major releases
Name: ReconfigFailure (1949) Type: communicationsAlarm (4) Package: netw Raised on class: netw.NetworkElement	Severity: critical Implicitly cleared: true Default probable cause: failedReconfig (937)	<ul style="list-style-type: none"> • 6.4.3 • 6.4.4 • 6.4.5
Description: This alarm is raised when the reconfig action failed.		
Raising condition: ('State' EQUAL 'Failed')		
Clearing condition: ('State' NOT EQUAL 'Failed')		

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Alarm	Attributes	Applicable major releases
Remedial action: Verify that the object is configured as expected.		

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Table 31-72 RedundantMepMisconfiguration

Alarm	Attributes	Applicable major releases
Name: RedundantMepMisconfiguration (3631) Type: oamAlarm (18) Package: ethernetToam Raised on class: ethernetToam.Mep	Severity: minor Implicitly cleared: true Default probable cause: misconfiguredRedundantMep (1416)	<ul style="list-style-type: none"> • 6.4.3 • 6.4.4 • 6.4.5
Description: The alarm is raised when an Active and Redundant MEP do not have the same ID, Operational MAC Address or Sub Group configured.		
Raising condition: ('validRedundantMepConfig' EQUAL 'false')		
Clearing condition: ('validRedundantMepConfig' EQUAL 'true')		
Remedial action: MC-LAG redundant MEP configuration (MEP ID or Mac Address) for Active & Standby Interfaces do not match, this could cause issues with CFM or CCM tests if Active interface changes. Delete and Re-create Standby MEP to match Active.		

Table 31-73 RedundantMepMissing

Alarm	Attributes	Applicable major releases
Name: RedundantMepMissing (3632) Type: oamAlarm (18) Package: ethernetToam Raised on class: ethernetToam.Mep	Severity: minor Implicitly cleared: true Default probable cause: missingRedundantMep (1417)	<ul style="list-style-type: none"> • 6.4.3 • 6.4.4 • 6.4.5
Description: The alarm is raised when a MEP misses a redundant counterpart on LAG or SAP.		
Raising condition: (('MC-LAG Inactive' NOT EQUAL 'Not Applicable') AND ('Redundant MEP' EQUAL '\'))		
Clearing condition: (('MC-LAG Inactive' EQUAL 'Not Applicable') OR (('MC-LAG Inactive' NOT EQUAL 'Not Applicable') AND ('Redundant MEP' NOT EQUAL '\')))		
Remedial action: MC-LAG redundant MEP is missing Active & Standby Interfaces, this will cause issues with CFM or CCM tests if Active interface changes. Create missing Active/Standby MEP to match existing.		

Table 31-74 RemoteMepCCMAAlarm

Alarm	Attributes	Applicable major releases
Name: RemoteMepCCMAAlarm (502) Type: oamAlarm (18) Package: ethernetOam Raised on class: ethernetOam.Mep	Severity: major Implicitly cleared: true Default probable cause: missingRemoteMep (388)	<ul style="list-style-type: none"> • 6.4.3 • 6.4.4 • 6.4.5
Description: The alarm is raised when a MEP loses connectivity with one or more remote MEPs. The Remote MEP DB State tab on a MEP lists the missing remote MEPs.		
Raising condition: ('High-Priority Defect' NOT EQUAL '0')		
Clearing condition: ('High-Priority Defect' EQUAL '0')		
Remedial action: MEP has lost communication with Remote MEP defined in Maintenance Association (MEG) Remote MEP list, Either Remote MEP list is incorrect or diagnose connection fault and resolve.		

Table 31-75 RipDown

Alarm	Attributes	Applicable major releases
Name: RipDown (72) Type: ProtocolAlarm (1) Package: rip Raised on class: rip.Site	Severity: critical Implicitly cleared: true Default probable cause: protocolDown (1)	<ul style="list-style-type: none"> • 6.4.3 • 6.4.4 • 6.4.5
Description: The alarm is raised when a RIP site has an Operational State other than Up, and the Administrative State is Up.		
Raising condition: (('Administrative State' EQUAL 'Up') AND ('Operational State' NOT EQUAL 'Up'))		
Clearing condition: (('Operational State' EQUAL 'Up') OR ('Administrative State' NOT EQUAL 'Up'))		
Remedial action: The RIP Site is down while it is administratively up. Please check the node e.g. IOM is not shutdown or installed.		

Table 31-76 SaveConfigFailed

Alarm	Attributes	Applicable major releases
Name: SaveConfigFailed (105) Type: configurationAlarm (11) Package: sw Raised on class: sw.BackupRestoreManager	Severity: major Implicitly cleared: true Default probable cause: fileAccessError (90)	<ul style="list-style-type: none"> • 6.4.3 • 6.4.4 • 6.4.5
Description: The alarm is raised when the admin save command on an NE fails.		
Raising condition: ('Config Save State' EQUAL 'Failure')		
Clearing condition: ('Config Save State' EQUAL 'Success')		
Remedial action: Attempt the admin save command a second time. If the problem persists please contact Alcatel-Lucent support for assistance.		

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Table 31-77 ScheduledPollerProblem

Alarm	Attributes	Applicable major releases
Name: ScheduledPollerProblem (4386) Type: communicationsAlarm (4) Package: netw Raised on class: netw.NetworkElement	Severity: warning Implicitly cleared: true Default probable cause: scheduledResyncFailed (1569)	<ul style="list-style-type: none"> • 6.4.3 • 6.4.4 • 6.4.5
Description: The alarm is raised when the 5620 SAM is unable to poll a network object, for example, because of intermittent or no IP connectivity to an NE, incorrect SNMP security parameters, or disabled SNMP on the NE.		
Raising condition: ('Scheduled Resync Status' EQUAL 'Scheduled Resync Failed')		
Clearing condition: ('Scheduled Resync Status' EQUAL 'Scheduled Resync Done')		
Remedial action: Informational - if the alarm persists or is occurring frequently then investigation is required to understand a) why the underlying transport network is unreliable or b) why the NE is too busy to respond to 5620 SAM or c) has SNMP been disabled on the NE. Once the issue has been resolved SAM will automatically re-attempt.		

Table 31-78 ServiceSiteDown

Alarm	Attributes	Applicable major releases
Name: ServiceSiteDown (97) Type: serviceAlarm (16) Package: service Raised on class: service.Site	Severity: critical Implicitly cleared: true Default probable cause: siteDown (83)	<ul style="list-style-type: none"> • 6.4.3 • 6.4.4 • 6.4.5
Description: The alarm is raised when all SAPs on a site are operationally down, or when the service tunnels for the site are operationally down.		
Raising condition: (('Operational State' NOT EQUAL 'Up') AND ('State Cause' NOT EQUAL 'All Spoke SDP Bindings are Standby'))		
Clearing condition: (('Operational State' EQUAL 'Up') OR ('State Cause' EQUAL 'All Spoke SDP Bindings are Standby'))		
Remedial action: The network resources (i.e. physical ports for SAPs, or physical ports/LSP) associated with the service site should be examined to determine if/why they are operationally down. The underlying transport network supporting the site may also be unreliable.		

Table 31-79 SiteManagementVlanConflict

Alarm	Attributes	Applicable major releases
Name: SiteManagementVlanConflict (223) Type: configurationAlarm (11) Package: vlan Raised on class: vlan.Site	Severity: warning Implicitly cleared: true Default probable cause: topologyMisconfigured (81)	<ul style="list-style-type: none"> • 6.4.3 • 6.4.4 • 6.4.5
Description: The alarm is raised when the management VLAN ID is used for another type of service.		
Raising condition: ('managementVlanConflict' EQUAL 'true')		
Clearing condition: ('managementVlanConflict' EQUAL 'false')		

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Alarm	Attributes	Applicable major releases
Remedial action: Ensure that the VLAN ID of this Management Service Site is not used on any other type of VLAN Service Site.		

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Table 31-80 SiteVlanSubTypeConflict

Alarm	Attributes	Applicable major releases
Name: SiteVlanSubTypeConflict (224) Type: configurationAlarm (11) Package: vlan Raised on class: vlan.Site	Severity: major Implicitly cleared: true Default probable cause: topologyMisconfigured (81)	<ul style="list-style-type: none"> • 6.4.3 • 6.4.4 • 6.4.5
Description: The alarm is raised when more than one type of VLAN service has the same VLAN ID. The alarm is raised against a site.		
Raising condition: ('vlanSubTypeConflict' EQUAL 'true')		
Clearing condition: ('vlanSubTypeConflict' EQUAL 'false')		
Remedial action: Ensure that only one type of VLAN Service is configured with the VLAN ID used by this Site.		

Table 31-81 StatsRetrieveFailed

Alarm	Attributes	Applicable major releases
Name: StatsRetrieveFailed (244) Type: configurationAlarm (11) Package: sw Raised on class: sw.AccountingStatsRetrievalManager	Severity: major Implicitly cleared: false Default probable cause: fileTransferFailure (89)	<ul style="list-style-type: none"> • 6.4.3 • 6.4.4 • 6.4.5
Description: The alarm is raised when the 5620 SAM main or auxiliary server cannot transfer an accounting file from an NE.		
Raising condition: (('Stats Retrieval State' NOT EQUAL 'Success') AND ('Stats Retrieval State' NOT EQUAL 'Not Attempted'))		
Remedial action: Informational - if the alarm persists or is occurring frequently then investigation is required to understand a) why the underlying transport network is unreliable or b) why the NE is too busy or otherwise cannot respond to the 5620 SAM main or auxiliary server.		

Table 31-82 SubscriberSystemNextHopUsageHigh

Alarm	Attributes	Applicable major releases
Name: SubscriberSystemNextHopUsageHigh (5157) Type: thresholdCrossed (6) Package: netw Raised on class: netw.NetworkElement	Severity: minor Implicitly cleared: true Default probable cause: resourceFull (53)	<ul style="list-style-type: none"> • 6.4.3 • 6.4.4 • 6.4.5

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Alarm	Attributes	Applicable major releases
Description: The alarm is raised when the IP next-hop usage by subscriber managed routes reaches its high watermark, cleared when it reaches its low watermark again; the watermarks are derived from the limit specified with the property subSysNextHopLimit.		
Raising condition: ('IP Next Hop Usage High' EQUAL 'true')		
Clearing condition: ('IP Next Hop Usage High' EQUAL 'false')		
Remedial action: The alarm is raised when the IP next-hop usage by subscriber managed routes reaches its high watermark, cleared when it reaches its low watermark again; the watermarks are derived from the limit specified with the property subSysNextHopLimit. There is no immediate effect, but when the usage actually hits the limit, new hosts will not get their managed routes.		

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Table 31-83 SubSysChassMemoryUsageHi

Alarm	Attributes	Applicable major releases
Name: SubSysChassMemoryUsageHi (5656) Type: thresholdCrossed (6) Package: equipment Raised on class: equipment.Shelf	Severity: minor Implicitly cleared: true Default probable cause: resourceFull (53)	<ul style="list-style-type: none"> • 6.4.3 • 6.4.4 • 6.4.5
Description: This alarm is raised when the memory usage by subscriber management on this system or chassis reaches its high watermark ('true').		
Raising condition: ('Memory Usage High' EQUAL 'True')		
Clearing condition: (('Memory Usage High' EQUAL 'False') OR ('Memory Usage High' EQUAL 'unspecified'))		
Remedial action: The memory usage by subscriber management on this system has reached its high watermark. Please check your memory usage.		

Table 31-84 TemperatureThresholdCrossed

Alarm	Attributes	Applicable major releases
Name: TemperatureThresholdCrossed (7) Type: environmentalAlarm (2) Package: equipment Raised on class: equipment.Environment	Severity: major Implicitly cleared: true Default probable cause: equipmentOverheated (5)	<ul style="list-style-type: none"> • 6.4.3 • 6.4.4 • 6.4.5
Description: The alarm is raised when a temperature crosses a threshold.		
Raising condition: ('temperatureThresholdCrossed' EQUAL 'true')		
Clearing condition: ('temperatureThresholdCrossed' EQUAL 'false')		
Remedial action: The NE has detected internal temperatures which are abnormally high. This could be caused by a failed fan unit or one or more dirty fan filters. Replacing the failed unit or filters should resolve the problem. Alternately the environment that the NE is operating in may not be within specifications found in the NE user guides.		

Table 31-85 TlsSiteDown

Alarm	Attributes	Applicable major releases
Name: TlsSiteDown (163) Type: ProtocolAlarm (1) Package: layer2 Raised on class: layer2.TlsSite	Severity: warning Implicitly cleared: true Default probable cause: protocolDown (1)	<ul style="list-style-type: none"> • 6.4.3 • 6.4.4 • 6.4.5
Description: The alarm is raised when MVR is disabled on an NE and a TLS VLAN or MVR VLAN service is provisioned on the NE.		
Raising condition: ('TLS Admin Status' EQUAL 'Disabled')		
Clearing condition: ('TLS Admin Status' EQUAL 'Enabled')		
Remedial action: To clear the alarm, enable TLS Admin Status under the Bridge Instance.		

Table 31-86 TmnxEqPortEtherLoopDetected

Alarm	Attributes	Applicable major releases
Name: TmnxEqPortEtherLoopDetected (461) Type: portEtherLoopDetected (48) Package: ethernetequipment Raised on class: ethernetequipment.EthernetPortSpecifics	Severity: major Implicitly cleared: true Default probable cause: HighBer (238)	<ul style="list-style-type: none"> • 6.4.3 • 6.4.4 • 6.4.5
Description: The alarm is raised when a device detects a physical loop on an Ethernet port.		
Raising condition: (('Down When Looped Status' EQUAL 'Loop Detected'))		
Clearing condition: (('Down When Looped Status' EQUAL 'No Loop Detected'))		
Remedial action: An Ethernet port has been mis-cabled - please remove the loopback cable on the port.		

Table 31-87 TrapDestinationMisconfigured

Alarm	Attributes	Applicable major releases
Name: TrapDestinationMisconfigured (33) Type: configurationAlarm (11) Package: netw Raised on class: netw.NetworkElement	Severity: major Implicitly cleared: true Default probable cause: trapDestinationMisconfigured (26) Applicable probable causes: <ul style="list-style-type: none"> • trapDestinationMisconfigured • duplicateTrapLogId 	<ul style="list-style-type: none"> • 6.4.3 • 6.4.4 • 6.4.5
Description: The alarm is raised when the 5620 SAM cannot be added to the NE's SNMP trap destinations.		
Raising condition: ('isTrapDestinationMisconfigured' EQUAL 'true')		
Clearing condition: ('isTrapDestinationMisconfigured' EQUAL 'false')		

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Alarm	Attributes	Applicable major releases
Remedial action: A configuration error has been made which must be corrected. The SNMP trap destination on the NE must be configured to the IP address of the SAM server.		

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Table 31-88 TrapReceivingFailure

Alarm	Attributes	Applicable major releases
Name: TrapReceivingFailure (1083) Type: communications (87) Package: netw Raised on class: netw.NetworkElement	Severity: major Implicitly cleared: false Default probable cause: trapsWillNotBeSent (822)	<ul style="list-style-type: none"> • 6.4.3 • 6.4.4 • 6.4.5
Description: This user-defined alarm is raised when the NE is unable to send traps because the NE configuration is one of the following: - The Management IP Selection is set to Out Of Band Only, the Primary Route Preference is set to In Band, and the Secondary Route Preference is set to None. - The Management IP Selection is set to In Band Only, the Primary Route Preference is set to Out Of Band, and the Secondary Route Preference is set to None.		
Raising condition: (((('Active Management IP' EQUAL 'In Band') AND ('Management IP Selection' EQUAL 'In Band Only') AND ('Primary Route Preference' EQUAL 'Out Of Band') AND ('Secondary Route Preference' EQUAL 'None')) OR (('Active Management IP' EQUAL 'Out Of Band') AND ('Management IP Selection' EQUAL 'Out Of Band Only') AND ('Primary Route Preference' EQUAL 'In Band') AND ('Secondary Route Preference' EQUAL 'None')) OR (('Active Management IP' EQUAL 'Out Of Band') AND ('Management IP Selection' EQUAL 'In Band Preferred') AND ('Primary Route Preference' EQUAL 'In Band') AND ('Secondary Route Preference' EQUAL 'None')) OR (('Active Management IP' EQUAL 'In Band') AND ('Management IP Selection' EQUAL 'Out Of Band Preferred') AND ('Primary Route Preference' EQUAL 'Out Of Band') AND ('Secondary Route Preference' EQUAL 'None'))))		
Clearing condition: (((('Active Management IP' EQUAL 'In Band') AND ('Management IP Selection' EQUAL 'In Band Only') AND (('Primary Route Preference' EQUAL 'In Band') OR ('Secondary Route Preference' EQUAL 'In Band')) OR (('Active Management IP' EQUAL 'Out Of Band') AND ('Management IP Selection' EQUAL 'Out Of Band Only') AND (('Primary Route Preference' EQUAL 'Out Of Band') OR ('Secondary Route Preference' EQUAL 'Out Of Band')) OR (('Active Management IP' EQUAL 'Out Of Band') AND ('Management IP Selection' EQUAL 'In Band Preferred') AND (('Primary Route Preference' EQUAL 'In Band') OR ('Secondary Route Preference' EQUAL 'In Band')) OR (('Active Management IP' EQUAL 'In Band') AND ('Management IP Selection' EQUAL 'Out Of Band Preferred') AND (('Primary Route Preference' EQUAL 'In Band') OR ('Secondary Route Preference' EQUAL 'In Band')) OR (('Active Management IP' EQUAL 'Out Of Band') AND ('Management IP Selection' EQUAL 'Out Of Band Preferred') AND (('Primary Route Preference' EQUAL 'Out Of Band') OR ('Secondary Route Preference' EQUAL 'Out Of Band'))))		
Remedial action: A configuration error has been made which must be corrected. The configuration error must be corrected per the discussion in the description for this alarm.		

Table 31-89 TrapRoutePreferenceRedundancyMissing

Alarm	Attributes	Applicable major releases
Name: TrapRoutePreferenceRedundancyMissing (1084) Type: communications (87) Package: netw Raised on class: netw.NetworkElement	Severity: warning Implicitly cleared: true Default probable cause: trapsRedundancyMissing (823)	<ul style="list-style-type: none"> • 6.4.3 • 6.4.4 • 6.4.5
Description: The user-defined alarm is raised when NE management redundancy is configured without trap route preference redundancy.		

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Alarm	Attributes	Applicable major releases
Raising condition: (((('Management IP Selection' EQUAL 'In Band Preferred') AND ('Active Management IP' EQUAL 'In Band') AND ('Primary Route Preference' EQUAL 'In Band') AND ('Secondary Route Preference' EQUAL 'None')) OR (('Management IP Selection' EQUAL 'Out Of Band Preferred') AND ('Active Management IP' EQUAL 'Out Of Band') AND ('Primary Route Preference' EQUAL 'Out Of Band') AND ('Secondary Route Preference' EQUAL 'None'))))		
Clearing condition: (((('Management IP Selection' EQUAL 'In Band Preferred') AND ('Active Management IP' EQUAL 'In Band') AND ('Secondary Route Preference' NOT EQUAL 'None')) OR (('Management IP Selection' EQUAL 'Out Of Band Preferred') AND ('Active Management IP' EQUAL 'Out Of Band') AND ('Secondary Route Preference' NOT EQUAL 'None'))))		
Remedial action: A configuration error has been made which must be corrected. The IP address of the standby SAM server must be configured on the NE in question.		

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Table 31-90 UnidentifiedNode

Alarm	Attributes	Applicable major releases
Name: UnidentifiedNode (1922) Type: communicationsAlarm (4) Package: netw Raised on class: netw.DiscoveredNode	Severity: major Implicitly cleared: true Default probable cause: unidentifiedNode (922)	<ul style="list-style-type: none"> • 6.4.3 • 6.4.4 • 6.4.5
Description: The alarm is raised when the node being discovered can not be properly identified.		
Raising condition: ('State' EQUAL 'Pending Identification')		
Clearing condition: ('State' NOT EQUAL 'Pending Identification')		
Remedial action: A configuration error has occurred that must be corrected. The eNodeB does not have a system name. The name can be configured by selecting the alarm, opening the associated properties form for the alarmed object and configuring the system name.		

Table 31-91 UnmanageFailed

Alarm	Attributes	Applicable major releases
Name: UnmanageFailed (300) Type: discoveryControlAlarm (33) Package: netw Raised on class: netw.NodeDiscoveryControl	Severity: warning Implicitly cleared: true Default probable cause: unableToDeleteNode (231)	<ul style="list-style-type: none"> • 6.4.3 • 6.4.4 • 6.4.5
Description: The alarm is raised when an attempt to unmanage an NE fails.		
Raising condition: ('Site State' EQUAL 'Unmanage Failed')		
Clearing condition: ('Site State' NOT EQUAL 'Unmanage Failed')		
Remedial action: Informational - if the alarm persists please contact Alcatel-Lucent support for assistance		

Table 31-92 UpgradedBuildVersionMismatch

Alarm	Attributes	Applicable major releases
Name: UpgradedBuildVersionMismatch (174) Type: configurationAlarm (11) Package: netw Raised on class: netw.NetworkElement	Severity: warning Implicitly cleared: true Default probable cause: upgradedImageNotBooted (137)	<ul style="list-style-type: none"> • 6.4.3 • 6.4.4 • 6.4.5
Description: The alarm is raised when the software version that an NE reports after a software upgrade does not match the version of the software used for the upgrade.		
Raising condition: ('upgradedBuildVersionMismatch' EQUAL 'true')		
Clearing condition: ('upgradedBuildVersionMismatch' EQUAL 'false')		
Remedial action: Informational - if the alarm persists please contact Alcatel-Lucent support for assistance		

Table 31-93 upgradedCardAlarm

Alarm	Attributes	Applicable major releases
Name: upgradedCardAlarm (255) Type: softwareAlarm (19) Package: equipment Raised on class: equipment.Card	Severity: warning Implicitly cleared: true Default probable cause: upgradedCard (194)	<ul style="list-style-type: none"> • 6.4.3 • 6.4.4 • 6.4.5
Description: The alarm is raised when the standby CPM is rebooted and operational after a software upgrade. A device resets an IOM automatically after 120 minutes if the IOM is not manually reset after a CPM upgrade.		
Raising condition: ('operationalState' EQUAL 'Upgrade')		
Clearing condition: ('operationalState' EQUAL 'Up')		
Remedial action: Informational - no corrective action required.		

Table 31-94 VersionConfigRestoreFailed

Alarm	Attributes	Applicable major releases
Name: VersionConfigRestoreFailed (536) Type: configurationAlarm (11) Package: sw Raised on class: sw.BackupRestoreManager	Severity: major Implicitly cleared: true Default probable cause: versionMismatch (405)	<ul style="list-style-type: none"> • 6.4.3 • 6.4.4 • 6.4.5
Description: The alarm is raised when the restore procedure on an NE fails because of a mismatch between the backup file set version and the NE software version.		
Raising condition: ('lastNmsVersionRestoreState' EQUAL 'Failure')		
Clearing condition: ('lastNmsVersionRestoreState' EQUAL 'Success')		
Remedial action: The backup files being restored do not match with the version of node software release. Download a new copy of the SW image to the NE. If the problem persists contact Alcatel-Lucent support for assistance.		

Table 31-95 WrongCpaaSoftwareVersion

Alarm	Attributes	Applicable major releases
Name: WrongCpaaSoftwareVersion (791) Type: equipmentAlarm (3) Package: netw Raised on class: netw.NetworkElement	Severity: critical Implicitly cleared: true Default probable cause: wrongCpaaSoftwareVersion (559)	<ul style="list-style-type: none"> • 6.4.3 • 6.4.4 • 6.4.5
Description: The alarm is raised when the 7701 CPAA software is the wrong version and requires an upgrade.		
Raising condition: (('Software Version' EQUAL '\TiMOS-B-3.0.Generic \') AND ('Chassis Type' EQUAL '7701 CPAA'))		
Clearing condition: (('Software Version' NOT EQUAL '\TiMOS-B-3.0.Generic \') AND ('Chassis Type' EQUAL '7701 CPAA'))		
Remedial action: The SW version of the CPAA must be upgraded to the version compatible with CPAM version.		

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Note – Some alarms that the 5620 SAM can raise against this device may not be listed in this chapter. Associating alarms with specific NE types is an ongoing Alcatel-Lucent effort. If the 5620 SAM raises an alarm against this device type, and the alarm is not described in this chapter, see chapter 41 for information about the alarm.

Table 32-1 AccessInterfaceDown

Alarm	Attributes	Applicable major releases
Name: AccessInterfaceDown (249) Type: AccessInterfaceAlarm (32) Package: service Raised on class: service.AccessInterface	Severity: critical Implicitly cleared: true Default probable cause: interfaceDown (32)	<ul style="list-style-type: none"> • 6.6.3 • 6.6.4 • 6.6.5
Description: The alarm is raised when an L2 or L3 interface operational state is Down. The alarm is not raised against an L2 access interface that is associated with an MC ring or MC LAG in the standby state.		
Raising condition: (('Operational State' NOT EQUAL 'Up') AND ('State Cause' NOT EQUAL 'Standby For MC-Ring') AND ('State Cause' NOT EQUAL 'Standby For MC-Lag') AND ('State Cause' NOT EQUAL 'Standby For BGP Multi-homing'))		
Clearing condition: (('Operational State' EQUAL 'Up') OR ('State Cause' EQUAL 'Standby For MC-Ring') OR ('State Cause' EQUAL 'Standby For MC-Lag') OR ('State Cause' EQUAL 'Standby For BGP Multi-homing'))		
Remedial action: The condition exists because the physical interface is down either because it is administratively disabled, faulty or a cabling fault has occurred. Ensure that the interface is administratively up. Check for a poor cable connection to the port or for a faulty cable/fiber. If neither appears to be the problem run diagnostics on the port to determine if it is faulty.		

Table 32-2 ActiveAbnormalCondition

Alarm	Attributes	Applicable major releases
Name: ActiveAbnormalCondition (3938) Type: activeAbnormalConditionAlarm (116) Package: netw Raised on class: netw.NetworkElement	Severity: major Implicitly cleared: true Default probable cause: ActiveAbnormalConditionState (1520)	<ul style="list-style-type: none"> • 6.6.3 • 6.6.4 • 6.6.5
Description: The alarm is an indication for abnormal condition on NE.		
Raising condition: ('abnormalCondition' EQUAL 'true')		
Clearing condition: ('abnormalCondition' EQUAL 'false')		
Remedial action: This alarm is raised when there is a abnormal state indication on NE.		

Table 32-3 AggregatedVFLPortDown

Alarm	Attributes	Applicable major releases
Name: AggregatedVFLPortDown (5436) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.Shelf	Severity: critical Implicitly cleared: true Default probable cause: connectivityIssue (2137)	<ul style="list-style-type: none"> • 6.6.3 • 6.6.4 • 6.6.5
Description: The alarm is generated when the aggregated virtual fabric link on the virtual chassis slot is down.		
Raising condition: (('Shelf Type' EQUAL '7850') AND ('Total Slots' EQUAL '4') AND ('Virtual Fabric Link State' NOT EQUAL 'Up'))		
Clearing condition: (('Shelf Type' EQUAL '7850') AND ('Total Slots' EQUAL '4') AND ('Virtual Fabric Link State' EQUAL 'Up'))		
Remedial action: The alarm is raised when the aggregated virtual fabric link on the virtual chassis is down. Please check the virtual fabric links for the virtual chassis setup.		

Table 32-4 AGWDiameterPeerDown

Alarm	Attributes	Applicable major releases
Name: AGWDiameterPeerDown (844) Type: EpcAlarm (59) Package: lte Raised on class: lte.AGWDiameterPeer	Severity: variable Implicitly cleared: true Default probable cause: EPSPeerDown (602)	<ul style="list-style-type: none"> • 6.6.3 • 6.6.4 • 6.6.5
Description: The alarm is raised when the path management state of a Diameter peer changes to a state other than Up.		
Raising condition: ('Path Diameter Management State' NOT EQUAL 'Active')		
Clearing condition: ('Path Diameter Management State' EQUAL 'Active')		
Remedial action: A Ga reference point (peer) is operationally down for one of the following reasons: the underlying IP or physical interface is down, the far end peer is down or the underlying transport between this NE and the peer NE is down. To resolve the issue ensure that the IP/physical interface is up, check that the far end peer is operational and check that the underlying transport network is up.		

Table 32-5 AuxiliaryServerStatus

Alarm	Attributes	Applicable major releases
Name: AuxiliaryServerStatus (311) Type: communicationsAlarm (4) Package: server Raised on class: server.AuxiliaryServer	Severity: critical Implicitly cleared: true Default probable cause: systemFailed (144)	<ul style="list-style-type: none"> • 6.6.3 • 6.6.4 • 6.6.5
Description: The alarm is raised when a 5620 SAM main server cannot communicate with an auxiliary server. The alarm clears when communication is restored.		
Raising condition: ('Server Status' EQUAL 'Down')		
Clearing condition: ('Server Status' EQUAL 'Up')		
Remedial action: Informational - if the alarm persists or is occurring frequently then investigation is required to understand why the connectivity between the AUX and SAM servers is unreliable.		

Table 32-6 BITS2NotQualified

Alarm	Attributes	Applicable major releases
Name: BITS2NotQualified (1941) Type: communicationsAlarm (4) Package: sonet Raised on class: sonet.SiteSync	Severity: minor Implicitly cleared: true Default probable cause: timingReferenceNotQualified (418)	<ul style="list-style-type: none"> • 6.6.5
Description: The alarm is raised when the BITS-2 timing reference on an NE is not in the Qualified state.		
Raising condition: (('Qualified For Use' EQUAL 'Not Qualified') AND ('Input Administrative State' NOT EQUAL 'Down'))		
Clearing condition: (('Qualified For Use' NOT EQUAL 'Not Qualified') OR ('Input Administrative State' EQUAL 'Down'))		
Remedial action: Make sure that BITS2 is qualified		

Table 32-7 BITSNotQualified

Alarm	Attributes	Applicable major releases
Name: BITSNotQualified (547) Type: communicationsAlarm (4) Package: sonet Raised on class: sonet.SiteSync	Severity: minor Implicitly cleared: true Default probable cause: timingReferenceNotQualified (418)	<ul style="list-style-type: none"> • 6.6.5
Description: The alarm is raised when the BITS timing reference on an NE is not in the Qualified state.		
Raising condition: (('Qualified For Use' EQUAL 'Not Qualified') AND ('Output Administrative State' NOT EQUAL 'Down'))		
Clearing condition: (('Qualified For Use' NOT EQUAL 'Not Qualified') OR ('Output Administrative State' EQUAL 'Down'))		
Remedial action: Make sure that BITS is qualified		

Table 32-8 BITSReferenceLossOfSignal

Alarm	Attributes	Applicable major releases
Name: BITSReferenceLossOfSignal (1950) Type: communicationsAlarm (4) Package: sonet Raised on class: sonet.SiteSync	Severity: minor Implicitly cleared: true Default probable cause: BITSReferenceLossOfSignal (938)	<ul style="list-style-type: none"> 6.6.5
Description: The alarm is raised when the BITS reference on an NE is not qualified due to Loss of Signal.		
Raising condition: (('Not Qualified Due To'anyBit'LOS'))		
Clearing condition: NOT (('Not Qualified Due To'anyBit'LOS'))		
Remedial action: Make sure that peer connected to BITS is properly configured.		

Table 32-9 BITSReferenceOutOfFrequency

Alarm	Attributes	Applicable major releases
Name: BITSReferenceOutOfFrequency (1951) Type: communicationsAlarm (4) Package: sonet Raised on class: sonet.SiteSync	Severity: minor Implicitly cleared: true Default probable cause: BITSReferenceOutOfFrequency (939)	<ul style="list-style-type: none"> 6.6.5
Description: The alarm is raised when the BITS Reference on an NE is not qualified due to Out of frequency.		
Raising condition: (('Not Qualified Due To'anyBit'OOF'))		
Clearing condition: NOT (('Not Qualified Due To'anyBit'OOF'))		
Remedial action: Make sure that frequency configured for BITS is correct.		

Table 32-10 BITSReferenceOutOfPollInRange

Alarm	Attributes	Applicable major releases
Name: BITSReferenceOutOfPollInRange (1952) Type: communicationsAlarm (4) Package: sonet Raised on class: sonet.SiteSync	Severity: minor Implicitly cleared: true Default probable cause: BITSReferenceOutOfPollInRange (940)	<ul style="list-style-type: none"> 6.6.5
Description: The alarm is raised when the BITS Reference on an NE is not qualified state due to Out of poll in range.		
Raising condition: (('Not Qualified Due To'anyBit'OOPIR'))		
Clearing condition: NOT (('Not Qualified Due To'anyBit'OOPIR'))		
Remedial action: Check the BITS is configured correctly. Check the SONET port is configured correctly and that the physical layer cabling is operating correctly. Call customer support if necessary		

Table 32-11 BootableConfigBackupFailed

Alarm	Attributes	Applicable major releases
Name: BootableConfigBackupFailed (103) Type: configurationAlarm (11) Package: sw Raised on class: sw.BackupRestoreManager	Severity: major Implicitly cleared: true Default probable cause: fileTransferFailure (89)	<ul style="list-style-type: none"> • 6.6.3 • 6.6.4 • 6.6.5
Description: The alarm is raised when the 5620 SAM fails to back up a set of NE configuration files.		
Raising condition: ('Backup State' EQUAL 'Failure')		
Clearing condition: ('Backup State' EQUAL 'Success')		
Remedial action: Investigation is required to resolve the following possible scenarios: insufficient disk space is available to accommodate the NE configuration files (additional SAM platform alarms will accompany this alarm); the NE is unreachable (including underlying transport network issue); loss of connectivity to the NE during transfer; the FTP daemon on the NE may have stopped; FTP security credential issues.		

Table 32-12 BootableConfigRestoreFailed

Alarm	Attributes	Applicable major releases
Name: BootableConfigRestoreFailed (104) Type: configurationAlarm (11) Package: sw Raised on class: sw.BackupRestoreManager	Severity: major Implicitly cleared: true Default probable cause: fileTransferFailure (89)	<ul style="list-style-type: none"> • 6.6.3 • 6.6.4 • 6.6.5
Description: The alarm is raised when the 5620 SAM fails to restore a set of NE configuration files.		
Raising condition: ('Restore State' EQUAL 'Failure')		
Clearing condition: ('Restore State' EQUAL 'Success')		
Remedial action: Investigation is required to resolve the following possible scenarios: the NE is unreachable (including underlying transport network issue); loss of connectivity to the NE during transfer; the FTP daemon on the NE may have stopped; FTP security credential issues.		

Table 32-13 BootParametersMisconfigured

Alarm	Attributes	Applicable major releases
Name: BootParametersMisconfigured (35) Type: configurationAlarm (11) Package: netw Raised on class: netw.NetworkElement	Severity: critical Implicitly cleared: true Default probable cause: persistentIndexFailure (30) Applicable probable causes: <ul style="list-style-type: none"> • persistentIndexFailure • configFileBootFailure 	<ul style="list-style-type: none"> • 6.6.3 • 6.6.4 • 6.6.5
Description: The alarm is raised when the SNMP Index Boot Status on an NE is not set to Persistent.		

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Alarm	Attributes	Applicable major releases
Raising condition: (('isGenericNode' EQUAL 'false') AND ('State' NOT EQUAL 'Pre-provisioned') AND (((('Config File Status' NOT EQUAL 'Executed Successfully') AND ('Config File Status' NOT EQUAL 'configFileStatus_unspecified')) OR (('Persistent Index Status' NOT EQUAL 'Rebuild Succeeded') AND ('Persistent Index Status' NOT EQUAL 'persistentIndexStatus_unspecified'))))		
Clearing condition: (('Config File Status' EQUAL 'Executed Successfully') AND ('Persistent Index Status' EQUAL 'Rebuild Succeeded'))		
Remedial action: Ensure that "SNMP Index Boot Status" is persistent (using cli command "show system information" on the NE). If not, unmanage the network element from SAM, ensure that "persist on" is set in the bof file, save the bof, save a config file, verify that an index file (.ndx) is saved as well, reboot the router, verify that SNMP Index Boot Status is persistent and finally remanage the router from SAM.		

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Table 32-14 ClientDelegateServerStatus

Alarm	Attributes	Applicable major releases
Name: ClientDelegateServerStatus (731) Type: communicationsAlarm (4) Package: server Raised on class: server.ClientDelegateServer	Severity: critical Implicitly cleared: true Default probable cause: systemFailed (144)	<ul style="list-style-type: none"> • 6.6.3 • 6.6.4 • 6.6.5
Description: The alarm is raised when a client delegate server is unreachable.		
Raising condition: ('Server Status' EQUAL 'Down')		
Clearing condition: ('Server Status' EQUAL 'Up')		
Remedial action: Informational - if the alarm persists or is occurring frequently then investigation is required to understand why the connectivity between the client delegate platform and SAM servers is unreliable or the client delegate server itself is unreliable.		

Table 32-15 ContainingEquipmentAdministrativelyDown

Alarm	Attributes	Applicable major releases
Name: ContainingEquipmentAdministrativelyDown (466) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.Port	Severity: minor Implicitly cleared: true Default probable cause: containingEquipmentAdministrativelyDown (330)	<ul style="list-style-type: none"> • 6.6.3 • 6.6.4 • 6.6.5
Description: The alarm is raised when the compositeEquipmentState attribute has a value of containingEquipmentAdministrativelyDown.		
Raising condition: (('Status' EQUAL 'Parent Admin Down') AND ('isTerminatable' EQUAL 'true'))		
Clearing condition: (('Status' NOT EQUAL 'Parent Admin Down') OR ('isTerminatable' NOT EQUAL 'true'))		
Remedial action: Informational - no corrective action required.		

Table 32-16 ContainingEquipmentMismatch

Alarm	Attributes	Applicable major releases
Name: ContainingEquipmentMismatch (464) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.Port	Severity: major Implicitly cleared: true Default probable cause: containingEquipmentMismatch (328)	<ul style="list-style-type: none"> • 6.6.3 • 6.6.4 • 6.6.5
Description: The alarm is raised when the compositeEquipmentState attribute has a value of containingEquipmentMismatch.		
Raising condition: (('Status' EQUAL 'Parent Type Mismatch') AND ('isTerminatable' EQUAL 'true'))		
Clearing condition: (('Status' NOT EQUAL 'Parent Type Mismatch') OR ('isTerminatable' NOT EQUAL 'true'))		
Remedial action: A configuration error has occurred which must be corrected. The card type configured for the slot identified in the alarm must match the installed card type.		

Table 32-17 ContainingEquipmentOperationallyDown

Alarm	Attributes	Applicable major releases
Name: ContainingEquipmentOperationallyDown (465) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.Port	Severity: major Implicitly cleared: true Default probable cause: containingEquipmentDown (329)	<ul style="list-style-type: none"> • 6.6.3 • 6.6.4 • 6.6.5
Description: The alarm is raised when the compositeEquipmentState attribute has a value of containingEquipmentOperationallyDown.		
Raising condition: (('Status' EQUAL 'Parent Oper Down') AND ('isTerminatable' EQUAL 'true'))		
Clearing condition: (('Status' NOT EQUAL 'Parent Oper Down') OR ('isTerminatable' NOT EQUAL 'true'))		
Remedial action: The operational state of the equipment element indicated in the alarm is down. This may be due to the element's administrative state or it may indicate that the element has failed.		

Table 32-18 CorruptImageFile

Alarm	Attributes	Applicable major releases
Name: CorruptImageFile (171) Type: configurationAlarm (11) Package: mediation Raised on class: mediation.AbstractSoftwareFolderDescriptor	Severity: critical Implicitly cleared: true Default probable cause: invalidOrCorruptImageFile (134)	<ul style="list-style-type: none"> • 6.6.3 • 6.6.4 • 6.6.5
Description: The alarm is raised when one or more files in the 5620 SAM software image specified for a device software upgrade is invalid, corrupt or absent. The 5620 SAM validates a device software file set before it imports the file set and distributes it to an NE. Ensure that the file set downloads properly to the NE and is not tampered with before you re-attempt the upgrade. The alarm clears when a valid file set is on the NE and the 5620 SAM activates the software image in the file set.		
Raising condition: ('isImageValid' EQUAL 'false')		

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Alarm	Attributes	Applicable major releases
Clearing condition: ('isImageValid' EQUAL 'true')		
Remedial action: The existing SW image in the SAM database should be replaced with an image that is known to be complete and valid.		

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Table 32-19 downgradedCardAlarm

Alarm	Attributes	Applicable major releases
Name: downgradedCardAlarm (256) Type: softwareAlarm (19) Package: equipment Raised on class: equipment.Card	Severity: warning Implicitly cleared: true Default probable cause: downgradedCard (195)	<ul style="list-style-type: none"> • 6.6.3 • 6.6.4 • 6.6.5
Description: The alarm is raised when an IOM is not upgraded or reset after a device software upgrade of both CPMs. A device resets an IOM automatically after 120 minutes if the IOM is not manually reset after a CPM upgrade.		
Raising condition: ('operationalState' EQUAL 'Downgrade')		
Clearing condition: ('operationalState' EQUAL 'Up')		
Remedial action: Informational - no corrective action required.		

Table 32-20 EfmOamAlarm

Alarm	Attributes	Applicable major releases
Name: EfmOamAlarm (4617) Type: equipmentAlarm (3) Package: ethernetEquipment Raised on class: ethernetEquipment.Dot3Oam	Severity: minor Implicitly cleared: true Default probable cause: EFMOAMOperationalStateOutOfService (1886)	<ul style="list-style-type: none"> • 6.6.3 • 6.6.4 • 6.6.5
Description: The alarm is raised when EFM Ignore status is Enabled, and Physical port Administrative State is Down.		
Raising condition: ('Ignore EFM State' EQUAL 'true')		
Clearing condition: ('Ignore EFM State' EQUAL 'true')		
Remedial action: The alarm is raised when EFM Ignore status is Enabled, and Physical port Administrative State is Down.		

Table 32-21 EquipmentAdministrativelyDown

Alarm	Attributes	Applicable major releases
Name: EquipmentAdministrativelyDown (455) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.Equipment	Severity: minor Implicitly cleared: true Default probable cause: equipmentAdministrativelyDown (326)	<ul style="list-style-type: none"> • 6.6.3 • 6.6.4 • 6.6.5
Description: The alarm is raised when the compositeEquipmentState attribute has a value of equipmentAdministrativelyDown.		
Raising condition: ('compositeEquipmentState' EQUAL 'Admin Down')		
Clearing condition: ('compositeEquipmentState' NOT EQUAL 'Admin Down')		
Remedial action: Informational - no corrective action required.		

Table 32-22 EquipmentDegraded

Alarm	Attributes	Applicable major releases
Name: EquipmentDegraded (604) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.FanTray	Severity: minor Implicitly cleared: true Default probable cause: singleFanFailure (450)	<ul style="list-style-type: none"> • 6.6.3 • 6.6.4 • 6.6.5
Description: The alarm is raised when a single fan fails. The chassis attempts to continue operating within the normal temperature range using only the remaining fans.		
Raising condition: ('Device State' EQUAL 'MinorFailure')		
Clearing condition: ('Device State' NOT EQUAL 'MinorFailure')		
Remedial action: The failed fan unit should be replaced.		

Table 32-23 EquipmentDown

Alarm	Attributes	Applicable major releases
Name: EquipmentDown (10) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.Equipment	Severity: major Implicitly cleared: true Default probable cause: inoperableEquipment (8)	<ul style="list-style-type: none"> • 6.6.3 • 6.6.4 • 6.6.5
Description: The alarm is raised when the compositeEquipmentState attribute has a value of equipmentOperationallyDown.		
Raising condition: ('compositeEquipmentState' EQUAL 'Oper Down')		
Clearing condition: ('compositeEquipmentState' NOT EQUAL 'Oper Down')		
Remedial action: This alarm indicates that a card in the NE has failed. The card must be replaced.		

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Table 32-24 EquipmentFailure

Alarm	Attributes	Applicable major releases
Name: EquipmentFailure (145) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.ReplaceableUnit	Severity: critical Implicitly cleared: true Default probable cause: cardFailure (123)	<ul style="list-style-type: none"> • 6.6.3 • 6.6.4 • 6.6.5
Description: The alarm is raised when a control processor or power-supply tray reports a failure. When the object type is ControlProcessor, a CPM may be unable to boot. When the object type is Power Supply Tray and the alarm is raised during device discovery, a power-supply tray may be out of service. When the object type is a Power Supply Tray and the device is in the managed state, a power-supply tray may be out of service or the AC power shelf has a fault condition. The alarm clears when the status changes to OK.		
Raising condition: ('operationalState' EQUAL 'Failed')		
Clearing condition: ('operationalState' NOT EQUAL 'Failed')		
Remedial action: If the alarm indicates that the CPM card has a fault, remove the card and reset it. If this does not clear the alarm then please contact Alcatel-Lucent support for assistance. If the alarm indicates that the Power Supply tray is out of service ensure that the NE is properly connected to power. If the problem persists please contact Alcatel-Lucent support for assistance.		

Table 32-25 EquipmentInTest

Alarm	Attributes	Applicable major releases
Name: EquipmentInTest (11) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.Equipment	Severity: warning Implicitly cleared: true Default probable cause: equipmentInTest (9)	<ul style="list-style-type: none"> • 6.6.3 • 6.6.4 • 6.6.5
Description: The alarm is raised when equipment enters a diagnostic state.		
Raising condition: ('compositeEquipmentState' EQUAL 'In Test')		
Clearing condition: ('compositeEquipmentState' NOT EQUAL 'In Test')		
Remedial action: Informational - no corrective action required.		

Table 32-26 EquipmentMismatch

Alarm	Attributes	Applicable major releases
Name: EquipmentMismatch (9) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.Equipment	Severity: major Implicitly cleared: true Default probable cause: equipmentTypeMismatch (7)	<ul style="list-style-type: none"> • 6.6.3 • 6.6.4 • 6.6.5
Description: The alarm is raised when the compositeEquipmentState attribute has a value of equipmentMismatch.		
Raising condition: ('compositeEquipmentState' EQUAL 'Type Mismatch')		
Clearing condition: ('compositeEquipmentState' NOT EQUAL 'Type Mismatch')		

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Alarm	Attributes	Applicable major releases
Remedial action: A configuration error has occurred which must be corrected. The card type configured for the slot identified in the alarm must match the installed card type.		

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Table 32-27 EquipmentRemoved

Alarm	Attributes	Applicable major releases
Name: EquipmentRemoved (8) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.Equipment	Severity: major Implicitly cleared: true Default probable cause: replaceableEquipmentRemoved (6)	<ul style="list-style-type: none"> • 6.6.3 • 6.6.4 • 6.6.5
Description: The alarm is raised when the compositeEquipmentState attribute has a value of equipmentMissing.		
Raising condition: (((('isEquipped' EQUAL 'false') OR ('compositeEquipmentState' EQUAL 'Removed')) AND ('isEquipmentInserted' EQUAL 'true')))		
Clearing condition: (('compositeEquipmentState' NOT EQUAL 'Removed') AND ('isEquipped' EQUAL 'true'))		
Remedial action: Informational - this alarm is raised when a card is removed.		

Table 32-28 EthernetPortConfiguredLoopback

Alarm	Attributes	Applicable major releases
Name: EthernetPortConfiguredLoopback (801) Type: configurationAlarm (11) Package: ethernetequipment Raised on class: ethernetequipment.EthernetPortSpecifics	Severity: warning Implicitly cleared: true Default probable cause: ethernetPortConfiguredLoopback (567)	<ul style="list-style-type: none"> • 6.6.3 • 6.6.4 • 6.6.5
Description: The alarm is raised when a timed loopback is in effect for an Ethernet port.		
Raising condition: (('Type' NOT EQUAL 'None'))		
Clearing condition: (('Type' EQUAL 'None'))		
Remedial action: This alarm has been raised by the node because "Timed Loopback" option of the specific port's Ethernet property has been enabled. To resolve this problem from "Ethernet" tab of "Physical Port" properties form configure "Timed Loopback" Type property as "None".		

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Table 32-29 EthernetPortDuplicateLane

Alarm	Attributes	Applicable major releases
Name: EthernetPortDuplicateLane (3557) Type: communicationsAlarm (4) Package: ethernetequipment Raised on class: ethernetequipment.EthernetPortSpecifics	Severity: major Implicitly cleared: true Default probable cause: DuplicateLane (1387)	<ul style="list-style-type: none"> • 6.6.3 • 6.6.4 • 6.6.5
Description: The alarm is raised when a device reports a Duplicate Lane on an Ethernet port.		
Raising condition: (('Outstanding Alarms'anyBit'Duplicate Lane') AND ('Report Alarms'anyBit'Duplicate Lane'))		
Clearing condition: NOT (('Outstanding Alarms'anyBit'Duplicate Lane') AND ('Report Alarms'anyBit'Duplicate Lane'))		
Remedial action: One of the following conditions exists on the referenced physical interface which must be corrected. A cable/fiber fault exists which must be corrected - check to ensure that the cable is not faulty and is properly connected. The port is faulty - run diagnostics on the port to determine the nature of the fault. If the problem cannot be resolved swap the card containing the port with a card which is known be functional.		

Table 32-30 EthernetPortHighBer

Alarm	Attributes	Applicable major releases
Name: EthernetPortHighBer (307) Type: communicationsAlarm (4) Package: ethernetequipment Raised on class: ethernetequipment.EthernetPortSpecifics	Severity: major Implicitly cleared: true Default probable cause: HighBer (238)	<ul style="list-style-type: none"> • 6.6.3 • 6.6.4 • 6.6.5
Description: The alarm is raised when a device reports a high bit-error rate on an Ethernet port.		
Raising condition: (('Outstanding Alarms'anyBit'High Bit Error Rate') AND ('Report Alarms'anyBit'High Bit Error Rate'))		
Clearing condition: NOT (('Outstanding Alarms'anyBit'High Bit Error Rate') AND ('Report Alarms'anyBit'High Bit Error Rate'))		
Remedial action: One of the following conditions exists on the physical interface which must be corrected. A cable/fiber fault exists which must be corrected - check to ensure that the cable is not faulty and is properly connected. The port is faulty - run diagnostics on the port to determine the nature of the fault.		

Table 32-31 EthernetPortLocalFault

Alarm	Attributes	Applicable major releases
Name: EthernetPortLocalFault (305) Type: communicationsAlarm (4) Package: ethernetequipment Raised on class: ethernetequipment.EthernetPortSpecifics	Severity: major Implicitly cleared: true Default probable cause: LocalFault (236)	<ul style="list-style-type: none"> • 6.6.3 • 6.6.4 • 6.6.5
Description: The alarm is raised when a device reports a local fault on an Ethernet port.		
Raising condition: (('Outstanding Alarms'anyBit'Local Fault') AND ('Report Alarms'anyBit'Local Fault'))		

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Alarm	Attributes	Applicable major releases
Clearing condition: NOT (((('Outstanding Alarms'anyBit'Local Fault') AND ('Report Alarms'anyBit'Local Fault'))		
Remedial action: One of the following conditions exists on the physical interface which must be corrected. A cable/fiber fault exists which must be corrected - check to ensure that the cable is not faulty and is properly connected. The port is faulty - run diagnostics on the port to determine the nature of the fault.		

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Table 32-32 EthernetPortNoAmLock

Alarm	Attributes	Applicable major releases
Name: EthernetPortNoAmLock (3558) Type: communicationsAlarm (4) Package: ethernetequipment Raised on class: ethernetequipment.EthernetPortSpecifics	Severity: major Implicitly cleared: true Default probable cause: NoAmLock (1388)	<ul style="list-style-type: none"> • 6.6.3 • 6.6.4 • 6.6.5
Description: The alarm is raised when a device reports a No Am Lock on an Ethernet port.		
Raising condition: (('Outstanding Alarms'anyBit'No AM Lock') AND ('Report Alarms'anyBit'No AM Lock'))		
Clearing condition: NOT (((('Outstanding Alarms'anyBit'No AM Lock') AND ('Report Alarms'anyBit'No AM Lock'))		
Remedial action: One of the following conditions exists on the referenced physical interface which must be corrected. A cable/fiber fault exists which must be corrected - check to ensure that the cable is not faulty and is properly connected. The port is faulty - run diagnostics on the port to determine the nature of the fault. If the problem cannot be resolved swap the card containing the port with a card which is known be functional.		

Table 32-33 EthernetPortNoBlockLock

Alarm	Attributes	Applicable major releases
Name: EthernetPortNoBlockLock (3559) Type: communicationsAlarm (4) Package: ethernetequipment Raised on class: ethernetequipment.EthernetPortSpecifics	Severity: major Implicitly cleared: true Default probable cause: NoBlockLock (1389)	<ul style="list-style-type: none"> • 6.6.3 • 6.6.4 • 6.6.5
Description: The alarm is raised when a device reports a No Block Lock on an Ethernet port.		
Raising condition: (('Outstanding Alarms'anyBit'No Block Lock') AND ('Report Alarms'anyBit'No Block Lock'))		
Clearing condition: NOT (((('Outstanding Alarms'anyBit'No Block Lock') AND ('Report Alarms'anyBit'No Block Lock'))		
Remedial action: One of the following conditions exists on the referenced physical interface which must be corrected. A cable/fiber fault exists which must be corrected - check to ensure that the cable is not faulty and is properly connected. The port is faulty - run diagnostics on the port to determine the nature of the fault. If the problem cannot be resolved swap the card containing the port with a card which is known be functional.		

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Table 32-34 EthernetPortNoFrameLock

Alarm	Attributes	Applicable major releases
Name: EthernetPortNoFrameLock (306) Type: communicationsAlarm (4) Package: ethernetequipment Raised on class: ethernetequipment.EthernetPortSpecifics	Severity: major Implicitly cleared: true Default probable cause: NoFrameLock (237)	<ul style="list-style-type: none"> • 6.6.3 • 6.6.4 • 6.6.5
Description: The alarm is raised when a device reports No Frame Lock on an Ethernet port.		
Raising condition: (('Outstanding Alarms'anyBit'No Frame Lock') AND ('Report Alarms'anyBit'No Frame Lock'))		
Clearing condition: NOT (('Outstanding Alarms'anyBit'No Frame Lock') AND ('Report Alarms'anyBit'No Frame Lock'))		
Remedial action: One of the following conditions exists on the physical interface which must be corrected. A cable/fiber fault exists which must be corrected - check to ensure that the cable is not faulty and is properly connected. The port is faulty - run diagnostics on the port to determine the nature of the fault.		

Table 32-35 EthernetPortRemoteFault

Alarm	Attributes	Applicable major releases
Name: EthernetPortRemoteFault (304) Type: communicationsAlarm (4) Package: ethernetequipment Raised on class: ethernetequipment.EthernetPortSpecifics	Severity: major Implicitly cleared: true Default probable cause: RemoteFault (235)	<ul style="list-style-type: none"> • 6.6.3 • 6.6.4 • 6.6.5
Description: The alarm is raised when a device reports a remote fault on an Ethernet port.		
Raising condition: (('Outstanding Alarms'anyBit'Remote Fault') AND ('Report Alarms'anyBit'Remote Fault'))		
Clearing condition: NOT (('Outstanding Alarms'anyBit'Remote Fault') AND ('Report Alarms'anyBit'Remote Fault'))		
Remedial action: One of the following conditions exists on the remote physical interface which must be corrected. A cable/fiber fault exists which must be corrected - check to ensure that the cable is not faulty and is properly connected. The port is faulty - run diagnostics on the port to determine the nature of the fault.		

Table 32-36 EthernetPortSignalFailure

Alarm	Attributes	Applicable major releases
Name: EthernetPortSignalFailure (303) Type: communicationsAlarm (4) Package: ethernetequipment Raised on class: ethernetequipment.EthernetPortSpecifics	Severity: major Implicitly cleared: true Default probable cause: SignalFailure (234)	<ul style="list-style-type: none"> • 6.6.3 • 6.6.4 • 6.6.5
Description: The alarm is raised when a device reports a signal failure on an Ethernet port.		
Raising condition: (('Outstanding Alarms'anyBit'Signal Failure') AND ('Report Alarms'anyBit'Signal Failure'))		

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Alarm	Attributes	Applicable major releases
Clearing condition: NOT (('Outstanding Alarms'anyBit'Signal Failure') AND ('Report Alarms'anyBit'Signal Failure'))		
Remedial action: One of the following conditions exists on the physical interface which must be corrected. A cable/fiber fault exists which must be corrected - check to ensure that the cable is not faulty and is properly connected. The port is faulty - run diagnostics on the port to determine the nature of the fault.		

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Table 32-37 ExternalTimingReferenceNotQualified

Alarm	Attributes	Applicable major releases
Name: ExternalTimingReferenceNotQualified (548) Type: communicationsAlarm (4) Package: sonet Raised on class: sonet.SiteSync	Severity: minor Implicitly cleared: true Default probable cause: timingReferenceNotQualified (418)	<ul style="list-style-type: none"> 6.6.5
Description: The alarm is raised when the External timing reference on an NE is not in the Qualified state.		
Raising condition: (('Qualified For Use' EQUAL 'Not Qualified') AND ('Administrative State' NOT EQUAL 'Down'))		
Clearing condition: (('Qualified For Use' NOT EQUAL 'Not Qualified') OR ('Administrative State' EQUAL 'Down'))		
Remedial action: Informational		

Table 32-38 FanFailure

Alarm	Attributes	Applicable major releases
Name: FanFailure (624) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.FanTray	Severity: critical Implicitly cleared: true Default probable cause: fanFailure (116)	<ul style="list-style-type: none"> 6.6.3 6.6.4 6.6.5
Description: The alarm is raised when the associated fan is not operationally Up.		
Raising condition: (('Device State' EQUAL 'Failed') OR ('Device State' EQUAL 'Unknown') OR ('Device State' EQUAL 'OutOfservice'))		
Clearing condition: ('Device State' EQUAL 'OK')		
Remedial action: Remove and reset the fan unit. If this does not resolve the problem replace the fan.		

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Table 32-39 FanTrayRemoved

Alarm	Attributes	Applicable major releases
Name: FanTrayRemoved (569) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.FanTray	Severity: critical Implicitly cleared: true Default probable cause: FanTrayRemoved (438)	<ul style="list-style-type: none"> • 6.6.3 • 6.6.4 • 6.6.5
Description: The alarm is raised when the deviceState attribute has a value of deviceNotEquipped.		
Raising condition: ('Device State' EQUAL 'Not Equipped')		
Clearing condition: ('Device State' NOT EQUAL 'Not Equipped')		
Remedial action: Informational - a fan tray has been removed from the NE.		

Table 32-40 FrameSizeProblem (netw)

Alarm	Attributes	Applicable major releases
Name: FrameSizeProblem (37) Type: configurationAlarm (11) Package: netw Raised on class: netw.StatefullConnectableInterface	Severity: critical Implicitly cleared: true Default probable cause: frameSizeProblem (33)	<ul style="list-style-type: none"> • 6.6.3 • 6.6.4 • 6.6.5
Description: The alarm is raised when a provisioned MTU size value is greater than the supported MTU size value.		
Raising condition: (('mtuMismatch' EQUAL 'true') AND ('portId' NOT EQUAL '0L'))		
Clearing condition: (('mtuMismatch' EQUAL 'false') OR ('portId' EQUAL '0L'))		
Remedial action: A configuration error has been made which must be corrected. The MTU value must be changed such that is less than or equal to the supported MTU size value.		

Table 32-41 GaPeerDown

Alarm	Attributes	Applicable major releases
Name: GaPeerDown (3303) Type: EpcAlarm (59) Package: Iteggns Raised on class: Iteggns.GaPeer	Severity: major Implicitly cleared: true Default probable cause: EPSPeerDown (602)	<ul style="list-style-type: none"> • 6.6.3 • 6.6.4 • 6.6.5
Description: The alarm is raised when the path management state of a Ga peer changes to a state other than Up.		
Raising condition: ('Path Management State' NOT EQUAL 'Active')		
Clearing condition: ('Path Management State' EQUAL 'Active')		
Remedial action: A Ga reference point (peer) is operationally down for one of the following reasons: the underlying IP or physical interface is down, the far end peer is down or the underlying transport between this NE and the peer NE is down. To resolve the issue ensure that the IP/physical interface is up, check that the far end peer is operational and check that the underlying transport network is up.		

Table 32-42 IfVlanSubTypeConflict

Alarm	Attributes	Applicable major releases
Name: IfVlanSubTypeConflict (213) Type: configurationAlarm (11) Package: vlan Raised on class: vlan.L2AccessInterface	Severity: major Implicitly cleared: true Default probable cause: topologyMisconfigured (81)	<ul style="list-style-type: none"> • 6.6.3 • 6.6.4 • 6.6.5
Description: The alarm is raised when more than one type of VLAN service is configured with the same VLAN ID. The alarm is raised against an L2 access interface.		
Raising condition: ('vlanSubTypeConflict' EQUAL 'true')		
Clearing condition: ('vlanSubTypeConflict' EQUAL 'false')		
Remedial action: Ensure that only one type of VLAN Service is configured with the VLAN ID used by this Interface.		

Table 32-43 IgmpDown

Alarm	Attributes	Applicable major releases
Name: IgmpDown (158) Type: ProtocolAlarm (1) Package: igmp Raised on class: igmp.Site	Severity: critical Implicitly cleared: true Default probable cause: protocolDown (1)	<ul style="list-style-type: none"> • 6.6.3 • 6.6.4 • 6.6.5
Description: The alarm is raised when an IGMP site has an Operational State other than Up, and the Administrative State is Up.		
Raising condition: (('Administrative State' EQUAL 'Up') AND ('Operational State' NOT EQUAL 'Up'))		
Clearing condition: (('Operational State' EQUAL 'Up') OR ('Administrative State' NOT EQUAL 'Up'))		
Remedial action: While configured under VPRN, check if VPRN site is admin down, or if route distinguisher is not configured.		

Table 32-44 IgmpSnoopingDown

Alarm	Attributes	Applicable major releases
Name: IgmpSnoopingDown (161) Type: ProtocolAlarm (1) Package: layer2 Raised on class: layer2.Bridge	Severity: warning Implicitly cleared: true Default probable cause: protocolDown (1)	<ul style="list-style-type: none"> • 6.6.3 • 6.6.4 • 6.6.5
Description: The alarm is raised when IGMP snooping is disabled on an NE and a TLS VLAN or MVR VLAN service is provisioned on the NE.		
Raising condition: ('IGMP Snooping' EQUAL 'Disabled')		
Clearing condition: ('IGMP Snooping' EQUAL 'Enabled')		
Remedial action: To clear the alarm, enable IGMP Snooping under the Bridge Instance.		

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Table 32-45 IncompleteConfiguration

Alarm	Attributes	Applicable major releases
Name: IncompleteConfiguration (1942) Type: operationalViolation (93) Package: netw Raised on class: netw.NetworkElement	Severity: warning Implicitly cleared: true Default probable cause: incompleteConfig (225)	<ul style="list-style-type: none"> • 6.6.3 • 6.6.4 • 6.6.5
Description: The alarm is raised when a pre-provisioned NE has no objects configured beneath it.		
Raising condition: (('State' EQUAL 'Pre-provisioned') AND ('eNodeB Equipment' EQUAL '\'))		
Clearing condition: (('State' EQUAL 'Pre-provisioned') AND ('eNodeB Equipment' NOT EQUAL '\'))		
Remedial action: A configuration error has been made which must be corrected. The configuration of the pre-provisioned NE is incomplete. A work order was not associated with the pre-provisioned NE and as a consequence the attempt to auto-configure the NE failed.		

Table 32-46 InterfaceDown (netw)

Alarm	Attributes	Applicable major releases
Name: InterfaceDown (36) Type: InterfaceAlarm (13) Package: netw Raised on class: netw.StatefullConnectableInterface	Severity: critical Implicitly cleared: true Default probable cause: interfaceDown (32)	<ul style="list-style-type: none"> • 6.6.3 • 6.6.4 • 6.6.5
Description: The alarm is raised when an interface or underlying resource fails, as indicated by an interface compositeState attribute value of failed or underlyingResourceFailed.		
Raising condition: (('compositeState' EQUAL 'Inoperable') OR ('compositeState' EQUAL 'Underlying Resource Inoperable'))		
Clearing condition: (('compositeState' NOT EQUAL 'Inoperable') AND ('compositeState' NOT EQUAL 'Underlying Resource Inoperable'))		
Remedial action: A physical port (physical interface, LAG, channel) associated with the network interface is not operation. Ensure that the interface is cabled and that there is not a configuration error (i.e. MTU size set incorrectly) on the interface. Once the issue w		

Table 32-47 LagDown

Alarm	Attributes	Applicable major releases
Name: LagDown (20) Type: equipmentAlarm (3) Package: lag Raised on class: lag.Interface	Severity: critical Implicitly cleared: true Default probable cause: lagDown (17)	<ul style="list-style-type: none"> • 6.6.3 • 6.6.4 • 6.6.5
Description: The alarm is raised when all ports in a LAG are operationally down.		
Raising condition: (('Administrative State' EQUAL 'Up') AND ('operationalState' NOT EQUAL 'Up'))		

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Alarm	Attributes	Applicable major releases
Clearing condition: (('operationalState' EQUAL 'Up') OR ('Administrative State' NOT EQUAL 'Up'))		
Remedial action: This alarm indicates that all physical Ethernet links associated with a LAG are operationally down. The reasons for the links to be down may vary from link to link. The following possible causes of this alarm should be investigated. The physical port (near end or far end may have failed - this can be remedied by replacing the interface card in question. The physical links may have been turned down administratively - re-enable the links. A cable failure or disconnect may have occurred - please ensure that the cables are properly connected to the physical port and and that the cable has not been damaged.		

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Table 32-48 LagPortAddFailed

Alarm	Attributes	Applicable major releases
Name: LagPortAddFailed (422) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.PhysicalPort	Severity: warning Implicitly cleared: true Default probable cause: linkDown (315)	<ul style="list-style-type: none"> • 6.6.3 • 6.6.4 • 6.6.5
Description: The alarm is raised when the Lag Port Add function Fails.		
Raising condition: (('state' EQUAL 'Link Down') AND ('LAG ID' > '0'))		
Clearing condition: (('state' NOT EQUAL 'Link Down') OR ('LAG ID' EQUAL '0'))		
Remedial action: A configuration error has occurred which must be corrected. The link that was to be added to the LAG group may be of the wrong type (i.e. non ethernet) or the limit of the number of links supported in a LAG may have been reached.		

Table 32-49 LicensedLimitExceeded

Alarm	Attributes	Applicable major releases
Name: LicensedLimitExceeded (127) Type: licensingAlarm (23) Package: security Raised on class: security.ProductLicense	Severity: critical Implicitly cleared: true Default probable cause: licensedLimitExceeded (106)	<ul style="list-style-type: none"> • 6.6.3 • 6.6.4 • 6.6.5
Description: The alarm is raised when the license items in the network exceeds 100 percent of the license capacity.		
Raising condition: ('Exceeded' EQUAL 'true')		
Clearing condition: ('Exceeded' NOT EQUAL 'true')		
Remedial action: Informational - The number of SAM licenses purchased and available on the SAM server is insufficient as compared to the number of NEs/MDA/Cells under management in the network. Please contact Alcatel-Lucent Sales to purchase additional licenses.		

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Table 32-50 LinkDown (equipment)

Alarm	Attributes	Applicable major releases
Name: LinkDown (12) Type: communicationsAlarm (4) Package: equipment Raised on class: equipment.Equipment	Severity: major Implicitly cleared: true Default probable cause: portLinkProblem (10)	<ul style="list-style-type: none"> • 6.6.3 • 6.6.4 • 6.6.5
Description: The alarm is raised when a port has no associated physical link or remote end point is operationally down.		
Raising condition: (('compositeEquipmentState' EQUAL 'Link Down') OR ('compositeEquipmentState' EQUAL 'Oper Down'))		
Clearing condition: (('compositeEquipmentState' NOT EQUAL 'Link Down') AND ('compositeEquipmentState' NOT EQUAL 'Oper Down'))		
Remedial action: Please make sure that port has physical link and remote end point is operationally up.		

Table 32-51 LowTemperatureDetected

Alarm	Attributes	Applicable major releases
Name: LowTemperatureDetected (1127) Type: environmentalAlarm (2) Package: equipment Raised on class: equipment.Shelf	Severity: major Implicitly cleared: true Default probable cause: equipmentOvercooled (838)	<ul style="list-style-type: none"> • 6.6.3 • 6.6.4 • 6.6.5
Description: The alarm is raised when the chassis temperature falls below the minimum threshold.		
Raising condition: ('Low Temperature State' EQUAL 'Low')		
Clearing condition: ('Low Temperature State' NOT EQUAL 'Low')		
Remedial action: The NE has detected internal temperatures which are abnormally low. This may happen when the environment that the NE is operating in may not be within specifications found in the NE user guides.		

Table 32-52 LowTemperatureThresholdCrossed

Alarm	Attributes	Applicable major releases
Name: LowTemperatureThresholdCrossed (1128) Type: environmentalAlarm (2) Package: equipment Raised on class: equipment.Environment	Severity: major Implicitly cleared: true Default probable cause: equipmentOvercooled (838)	<ul style="list-style-type: none"> • 6.6.3 • 6.6.4 • 6.6.5
Description: The alarm is raised when a low-temperature threshold is crossed.		
Raising condition: ('lowTemperatureThresholdCrossed' EQUAL 'true')		
Clearing condition: ('lowTemperatureThresholdCrossed' EQUAL 'false')		
Remedial action: The NE has detected internal temperatures which are abnormally high. This could be caused by a failed fan unit or one or more dirty fan filters. Replacing the failed unit or filters should resolve the problem. Alternately the environment that the NE is operating in may not be within specifications found in the NE user guides.		

Table 32-53 LpsViolation

Alarm	Attributes	Applicable major releases
Name: LpsViolation (518) Type: learnedPortSecurityAlarm (51) Package: lps Raised on class: lps.LearnedPortSecurity	Severity: major Implicitly cleared: true Default probable cause: learnedPortSecurityViolation (393)	<ul style="list-style-type: none"> • 6.6.3 • 6.6.4 • 6.6.5
Description: The alarm is raised when the 5620 SAM detects an LPS violation.		
Raising condition: ('Operational State' EQUAL 'Security Violated')		
Clearing condition: ('Operational State' EQUAL 'Down')		
Remedial action: Port reset is required to return the port to normal operation.		

Table 32-54 macMoveRateExceeded (service)

Alarm	Attributes	Applicable major releases
Name: macMoveRateExceeded (3690) Type: accessInterfaceAlarm (40) Package: service Raised on class: service.AccessInterface	Severity: minor Implicitly cleared: true Default probable cause: MacMoveRateExceeded (1429)	<ul style="list-style-type: none"> • 6.6.3 • 6.6.4 • 6.6.5
Description: The alarm is raised when the SAP exceeds the MAC Move Frequency of the service site.		
Raising condition: ('State Cause'anyBit'Relearn Limit Exceeded')		
Clearing condition: NOT (('State Cause'anyBit'Relearn Limit Exceeded'))		
Remedial action: Informational.		

Table 32-55 macMoveRateExceededNonBlock (service)

Alarm	Attributes	Applicable major releases
Name: macMoveRateExceededNonBlock (4893) Type: accessInterfaceAlarm (40) Package: service Raised on class: service.AccessInterface	Severity: info Implicitly cleared: true Default probable cause: MacMoveRateExceededNonBlock (1951)	<ul style="list-style-type: none"> • 6.6.3 • 6.6.4 • 6.6.5
Description: The alarm is raised when the SAP exceeds the MAC Move Frequency of the service site when limitMacMove(sapTIsLimitMacMove) is set to 'nonBlocking'.		
Raising condition: ('State Cause'anyBit'Relearn Limit Exceeded')		
Clearing condition: NOT (('State Cause'anyBit'Relearn Limit Exceeded'))		
Remedial action: Informational - User can adjust the value of 'MAC Move Maximum Rate' to reduce the frequency of this alarm.		

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Table 32-56 MepAISReceivedAlarm

Alarm	Attributes	Applicable major releases
Name: MepAISReceivedAlarm (2945) Type: oamAlarm (18) Package: ethernetToam Raised on class: ethernetToam.Mep	Severity: variable Implicitly cleared: true Default probable cause: missingRemoteMep (388)	<ul style="list-style-type: none"> • 6.6.3 • 6.6.4 • 6.6.5
Description: The alarm is raised when a MEP receives AIS test frames from one or more of its sub-layer MEPs.		
Raising condition: (('AIS Received (AisRx)' EQUAL 'true') AND ('Facility VLAN ID' EQUAL '0'))		
Clearing condition: ('AIS Received (AisRx)' EQUAL 'false')		
Remedial action: This alarm indicates that it has received a MEP fault from a sub-layer MEP, user should investigate the fault cause on the sub-layer MEP and resolve this root cause issue.		

Table 32-57 MobileConnectorDown

Alarm	Attributes	Applicable major releases
Name: MobileConnectorDown (1064) Type: EpcAlarm (59) Package: Iteservice Raised on class: Iteservice.MobileServiceConnector	Severity: minor Implicitly cleared: true Default probable cause: EpcDown (519)	<ul style="list-style-type: none"> • 6.6.3 • 6.6.4 • 6.6.5
Description: The alarm is raised when the 5620 SAM no longer manages the EPS path instance of this mobile service site. As a result, the service must be regenerated.		
Raising condition: ('EPS Path' EQUAL '\\"')		
Clearing condition: ('EPS Path' NOT EQUAL '\\"')		
Remedial action: The underlying transport network has gone down resulting in the deletion of a mobile service connector (EPS path). Correct the issue with the transport network and regenerate the mobile service connector by clicking on the re-calculate button on the mobile service properties form.		

Table 32-58 MvrSiteDown

Alarm	Attributes	Applicable major releases
Name: MvrSiteDown (162) Type: ProtocolAlarm (1) Package: layer2 Raised on class: layer2.MvrSite	Severity: warning Implicitly cleared: true Default probable cause: protocolDown (1)	<ul style="list-style-type: none"> • 6.6.3 • 6.6.4 • 6.6.5
Description: The alarm is raised when MVR is disabled on an NE and a TLS VLAN or MVR VLAN service is provisioned on the NE.		
Raising condition: ('MVR Admin Status' EQUAL 'Disabled')		
Clearing condition: ('MVR Admin Status' EQUAL 'Enabled')		
Remedial action: To clear the alarm, enable MVR Admin Status under the Bridge Instance.		

Table 32-59 NeManagementAndTrapManagementMismatch

Alarm	Attributes	Applicable major releases
Name: NeManagementAndTrapManagementMismatch (1079) Type: communicationsAlarm (4) Package: netw Raised on class: netw.NetworkElement	Severity: warning Implicitly cleared: true Default probable cause: neManagementChange (817)	<ul style="list-style-type: none"> • 6.6.3 • 6.6.4 • 6.6.5
Description: This user-defined alarm is raised when the NE configuration is one of the following: - The Active Management IP is set to Out Of Band, and the Primary Route Preference is set to In Band. - The Active Management IP is set to In Band, and the Primary Route Preference is set to Out of Band.		
Raising condition: (((('Active Management IP' EQUAL 'In Band') AND (('Management IP Selection' EQUAL 'In Band Preferred') OR ('Management IP Selection' EQUAL 'In Band Only'))) AND ('Primary Route Preference' EQUAL 'Out Of Band') AND ('Secondary Route Preference' EQUAL 'In Band')) OR (('Active Management IP' EQUAL 'Out Of Band') AND (('Management IP Selection' EQUAL 'Out Of Band Preferred') OR ('Management IP Selection' EQUAL 'Out Of Band Only'))) AND ('Primary Route Preference' EQUAL 'In Band') AND ('Secondary Route Preference' EQUAL 'Out Of Band'))		
Clearing condition: (((('Active Management IP' EQUAL 'In Band') AND (('Management IP Selection' EQUAL 'In Band Preferred') OR ('Management IP Selection' EQUAL 'In Band Only'))) AND ('Primary Route Preference' EQUAL 'In Band')) OR (('Active Management IP' EQUAL 'Out Of Band') AND (('Management IP Selection' EQUAL 'Out Of Band Preferred') OR ('Management IP Selection' EQUAL 'Out Of Band Only'))) AND ('Primary Route Preference' EQUAL 'Out Of Band'))		
Remedial action: A configuration error has been made which must be corrected. The parameters described in the description for this alarm must match.		

Table 32-60 NewSsh2ServerKeyDetected

Alarm	Attributes	Applicable major releases
Name: NewSsh2ServerKeyDetected (285) Type: communicationsAlarm (4) Package: security Raised on class: security.KnownHostKey	Severity: warning Implicitly cleared: true Default probable cause: ssh2ServerKeyMismatch (217)	<ul style="list-style-type: none"> • 6.6.3 • 6.6.4 • 6.6.5
Description: The alarm is raised when a 5620 SAM main server detects a new public SSH key.		
Raising condition: ('SSH2 Server Key Status' EQUAL 'Mismatch SSH2 Host Key')		
Clearing condition: ('SSH2 Server Key Status' EQUAL 'Active SSH2 Host Key')		
Remedial action: Informational - possible security breach. The SSH key of the router is different from the one known to the SAM server.		

Table 32-61 NodeDatabaseFallbackDetected

Alarm	Attributes	Applicable major releases
Name: NodeDatabaseFallbackDetected (2923) Type: communicationsAlarm (4) Package: netw Raised on class: netw.NetworkElement	Severity: major Implicitly cleared: true Default probable cause: nodeDatabaseFallback (1121)	<ul style="list-style-type: none"> • 6.6.3 • 6.6.4 • 6.6.5
Description: The alarm is raised when a configuration fallback is detected on the node and comes back up with a previous configuration. To correct this situation it might be necessary to reconfigure the node, or perform full resync its database with the 'fallback' configuration returned by the node.		
Raising condition: ('State' EQUAL 'Node Configuration Fallback')		
Clearing condition: ('State' EQUAL 'Managed')		
Remedial action: the NE has come back to a previous configuration. Perform a manual Full Resync or a Reconfigure of the NE		

Table 32-62 NodeDatabaseMisalignmentDetected

Alarm	Attributes	Applicable major releases
Name: NodeDatabaseMisalignmentDetected (2924) Type: communicationsAlarm (4) Package: netw Raised on class: netw.NetworkElement	Severity: major Implicitly cleared: true Default probable cause: nodeDatabaseMisalignment (1122)	<ul style="list-style-type: none"> • 6.6.3 • 6.6.4 • 6.6.5
Description: The alarm is raised when a configuration misalignment has been detected on the node and comes back up with an unexpected configuration (configuration change triggered by external tool) To correct this situation it might be necessary to reconfigure the node with the 5620 SAM's old configuration or accept the new configuration received from the node.		
Raising condition: ('State' EQUAL 'Node Configuration Misalignment')		
Clearing condition: ('State' EQUAL 'Managed')		
Remedial action: the NE configuration is misaligned. Perform a resync in order to update SAM configuration according to the NE.		

Table 32-63 NodeSuspended

Alarm	Attributes	Applicable major releases
Name: NodeSuspended (5123) Type: communicationsAlarm (4) Package: netw Raised on class: netw.NetworkElement	Severity: critical Implicitly cleared: true Default probable cause: NodeSuspend (2057)	<ul style="list-style-type: none"> • 6.6.3 • 6.6.4 • 6.6.5
Description: The alarm is raised when the 5620 SAM detects an NE moved to suspend state as per user request.		
Raising condition: ('SNMP Reachability' EQUAL 'Suspended')		
Clearing condition: ('SNMP Reachability' NOT EQUAL 'Suspended')		
Remedial action: This alarm is raised when user suspends the network element. The alarm will be cleared when the network element is managed back.		

Table 32-64 OrphanNodeDetected

Alarm	Attributes	Applicable major releases
Name: OrphanNodeDetected (4866) Type: discoveryControlAlarm (33) Package: netw Raised on class: netw.AdvertisedNode	Severity: major Implicitly cleared: true Default probable cause: nodeNotMangedByAnyEms (1934)	<ul style="list-style-type: none"> • 6.6.3 • 6.6.4 • 6.6.5
Description: The alarm is raised when node is node managed by any EMS after n retries(threshold crossed) it is manually cleared by the operator or when the node is discovered.		
Raising condition: ('State' EQUAL 'Orphan')		
Remedial action: The NE is not managed by any SAM.Add an discovery rule in order to managed it.		

Table 32-65 OverTemperatureDetected

Alarm	Attributes	Applicable major releases
Name: OverTemperatureDetected (388) Type: environmentalAlarm (2) Package: equipment Raised on class: equipment.Shelf	Severity: major Implicitly cleared: true Default probable cause: equipmentOverheated (5)	<ul style="list-style-type: none"> • 6.6.3 • 6.6.4 • 6.6.5
Description: The alarm is raised when the chassis temperature exceeds the maximum threshold value.		
Raising condition: ('Over Temperature State' EQUAL 'Over')		
Clearing condition: ('Over Temperature State' NOT EQUAL 'Over')		
Remedial action: The NE has detected internal temperatures which are abnormally high. This could be caused by a failed fan unit or one or more dirty fan filters. Replacing the failed unit or filters should resolve the problem. Alternately the environment that the NE is operating in may not be within specifications found in the NE user guides.		

Table 32-66 PartialResyncProblem

Alarm	Attributes	Applicable major releases
Name: PartialResyncProblem (4401) Type: communicationsAlarm (4) Package: netw Raised on class: netw.NetworkElement	Severity: warning Implicitly cleared: true Default probable cause: partialResyncProblem (1578)	<ul style="list-style-type: none"> • 6.6.3 • 6.6.4 • 6.6.5
Description: The alarm is raised when a partial resync on an NE fails. For example, when resyncing only some MIB entries as opposed to a full resync. The periodic reachability test (sysUpTime) is not considered a partial resync, neither is a full resync. However, a PartialResyncProblem alarm can only be reset by a FullResync.		
Raising condition: ('partialResyncStatus' EQUAL 'Partial Resync Failed')		
Clearing condition: ('partialResyncStatus' EQUAL 'Partial Resync Done')		

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Alarm	Attributes	Applicable major releases
Remedial action: Informational - if the alarm persists or is occurring frequently then investigation is required to understand a) why the underlying transport network is unreliable or b) why the NE is too busy to respond to 5620 SAM or c) has SNMP been disabled on the NE.		

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Table 32-67 PersistentIndexParametersMisconfigured

Alarm	Attributes	Applicable major releases
Name: PersistentIndexParametersMisconfigured (173) Type: configurationAlarm (11) Package: netw Raised on class: netw.NetworkElement	Severity: major Implicitly cleared: true Default probable cause: persistentIndexConfigurationMismatch (136)	<ul style="list-style-type: none"> • 6.6.3 • 6.6.4 • 6.6.5
Description: The alarm is raised when persistence is set to Off in the NE BOF.		
Raising condition: (('Persistent SNMP Indices' EQUAL 'False') OR (('hasRedundantProcessorCards' EQUAL 'true') AND ('Redundant Synchronization Mode' EQUAL 'None')))		
Clearing condition: (('Persistent SNMP Indices' EQUAL 'True') AND (('hasRedundantProcessorCards' EQUAL 'false') OR ('Redundant Synchronization Mode' NOT EQUAL 'None')))		
Remedial action: A configuration error has occurred that must be corrected. Use the CLI on the NE to enable persistency in the BOF. The discovery process will complete on the next discovery scan. A re-scan can be triggered immediately for the NE from within the discovery manager		

Table 32-68 PollerProblem

Alarm	Attributes	Applicable major releases
Name: PollerProblem (31) Type: communicationsAlarm (4) Package: netw Raised on class: netw.NetworkElement	Severity: warning Implicitly cleared: true Default probable cause: resyncFailed (24)	<ul style="list-style-type: none"> • 6.6.3 • 6.6.4 • 6.6.5
Description: The alarm is raised when the 5620 SAM is unable to poll a network object, for example, because of intermittent or no IP connectivity to an NE, incorrect SNMP security parameters, or disabled SNMP on the NE.		
Raising condition: ('Resync Status' EQUAL 'Full Resync Failed')		
Clearing condition: ('Resync Status' EQUAL 'Full Resync Done')		
Remedial action: Informational - if the alarm persists or is occurring frequently then investigation is required to understand a) why the underlying transport network is unreliable or b) why the NE is too busy to respond to 5620 SAM or c) has SNMP been disabled on the NE. Once the issue has been resolved SAM will automatically re-attempt.		

Table 32-69 PortEtherSymMonSDAlarm

Alarm	Attributes	Applicable major releases
Name: PortEtherSymMonSDAlarm (5662) Type: communicationsAlarm (4) Package: ethernetequipment Raised on class: ethernetequipment.EthernetPortSpecifics	Severity: major Implicitly cleared: true Default probable cause: etherPortSymMonSDThresholdExceededAlarm (2439)	<ul style="list-style-type: none"> • 6.6.3 • 6.6.4 • 6.6.5
Description: The alarm is raised when an Ethernet port Symbol Monitor Failure alarm condition is detected (Signal Degradation Threshold exceeded).		
Raising condition: ('Symbol Alarm Reason' EQUAL 'SD Threshold Exceeded')		
Clearing condition: ('Symbol Alarm Reason' NOT EQUAL 'SD Threshold Exceeded')		
Remedial action: Symbol monitor signal degradation alarm could be cleared by changing/disabling the associated threshold/multiplier values or it is self clearing and will clear once the error rate drops below 1/10th of the configured rate.		

Table 32-70 PortEtherSymMonSFAlarm

Alarm	Attributes	Applicable major releases
Name: PortEtherSymMonSFAlarm (5663) Type: communicationsAlarm (4) Package: ethernetequipment Raised on class: ethernetequipment.EthernetPortSpecifics	Severity: major Implicitly cleared: true Default probable cause: etherPortSymMonSFThresholdExceededAlarm (2440)	<ul style="list-style-type: none"> • 6.6.3 • 6.6.4 • 6.6.5
Description: The alarm is raised when an Ethernet port Symbol Monitor Failure alarm condition is detected (Signal Failure Threshold exceeded).		
Raising condition: ('Symbol Alarm Reason' EQUAL 'SF Threshold Exceeded')		
Clearing condition: ('Symbol Alarm Reason' NOT EQUAL 'SF Threshold Exceeded')		
Remedial action: Symbol monitor signal failure alarm could be cleared by changing/disabling the associated threshold/multiplier values or by taking the port out of service (eg. shutdown, card/mda reset, physical link loss).		

Table 32-71 PowerSupplyFailure

Alarm	Attributes	Applicable major releases
Name: PowerSupplyFailure (633) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.PowerSupplyTray	Severity: critical Implicitly cleared: true Default probable cause: powerSupplyFailure (117)	<ul style="list-style-type: none"> • 6.6.3 • 6.6.4 • 6.6.5
Description: The alarm is raised when a power-supply tray reports a failure. When the alarm is raised during device discovery, a power-supply tray may be out of service. When the alarm is raised while the device is in the managed state, a power-supply tray may be out of service or the AC power shelf has a fault condition. The alarm clears when the status changes to OK.		
Raising condition: (('Power Supply 1 Status' EQUAL 'Not Equipped') OR ('Power Supply 1 Status' EQUAL 'Failed'))		

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Alarm	Attributes	Applicable major releases
Clearing condition: (('Power Supply 1 Status' EQUAL 'OK'))		
Remedial action: Ensure that the NE is properly connected to power. If the problem persists please contact Alcatel-Lucent support for assistance.		

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Table 32-72 PowerSupplyInputFeedDown

Alarm	Attributes	Applicable major releases
Name: PowerSupplyInputFeedDown (5422) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.PowerSupplyTray	Severity: minor Implicitly cleared: true Default probable cause: powerSupplyInputFeedDown (2073)	<ul style="list-style-type: none"> • 6.6.3 • 6.6.4 • 6.6.5
Description: This alarm is generated if any one of the input feeds for a given power supply is not supplying power.		
Raising condition: (('inputFeedStatus' EQUAL 'Input A Down') OR ('inputFeedStatus' EQUAL 'Input B Down') OR (('inputFeedStatus'allBits'Input A Down') AND ('inputFeedStatus'allBits'Input B Down'))		
Clearing condition: ('inputFeedStatus' EQUAL 'None')		
Remedial action: Restore all of the input feeds that are not supplying power.		

Table 32-73 PowerSupplyRemoved

Alarm	Attributes	Applicable major releases
Name: PowerSupplyRemoved (542) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.PowerSupplyTray	Severity: major Implicitly cleared: true Default probable cause: PowerSupplyRemoved (415)	<ul style="list-style-type: none"> • 6.6.3 • 6.6.4 • 6.6.5
Description: The alarm is raised when a chassis power supply is removed.		
Raising condition: ('Power Supply 1 Status' EQUAL 'Not Equipped')		
Clearing condition: ('Power Supply 1 Status' NOT EQUAL 'Not Equipped')		
Remedial action: To recover from this event, the customer is requested to add a new power supply to the system, or change a faulty power supply with a working one.		

Table 32-74 PrimaryImageBootFailure

Alarm	Attributes	Applicable major releases
Name: PrimaryImageBootFailure (191) Type: configurationAlarm (11) Package: sw Raised on class: sw.CardSoftware	Severity: warning Implicitly cleared: true Default probable cause: bootOptionFileMisconfigured (150)	<ul style="list-style-type: none"> • 6.6.3 • 6.6.4 • 6.6.5
Description: The alarm is raised when the primary software image specified in an NE BOF is unusable.		
Raising condition: (('imageSource' NOT EQUAL 'Primary') AND ('imageSource' NOT EQUAL 'Unknown'))		
Clearing condition: (('imageSource' EQUAL 'Primary') OR ('imageSource' EQUAL 'Unknown'))		
Remedial action: The SW image on the NE may have been inadvertently corrupted. Download a new copy of the SW image to the NE. If the problem persists contact Alcatel-Lucent support for assistance.		

Table 32-75 PTPNotQualified

Alarm	Attributes	Applicable major releases
Name: PTPNotQualified (3611) Type: communicationsAlarm (4) Package: sonet Raised on class: sonet.SiteSync	Severity: minor Implicitly cleared: true Default probable cause: PTPNotQualified (1400)	<ul style="list-style-type: none"> • 6.6.5
Description: The alarm is raised when PTP on an NE is not in the Qualified state.		
Raising condition: (('Qualified For Use' EQUAL 'Not Qualified'))		
Clearing condition: (('Qualified For Use' NOT EQUAL 'Not Qualified'))		
Remedial action: Check the communication path is up between the local PTP slave clock and its selected master		

Table 32-76 PTPReferenceLossOfSignal

Alarm	Attributes	Applicable major releases
Name: PTPReferenceLossOfSignal (3613) Type: communicationsAlarm (4) Package: sonet Raised on class: sonet.SiteSync	Severity: minor Implicitly cleared: true Default probable cause: PTPReferenceLossOfSignal (1402)	<ul style="list-style-type: none"> • 6.6.5
Description: The alarm is raised when the PTP reference on an NE is not qualified due to Loss of Signal.		
Raising condition: (('Not Qualified Due To'anyBit'LOS'))		
Clearing condition: NOT (('Not Qualified Due To'anyBit'LOS'))		
Remedial action: Check the communication path is up between the local PTP slave clock and its selected master		

Table 32-77 PTPReferenceOutOfFrequency

Alarm	Attributes	Applicable major releases
Name: PTPReferenceOutOfFrequency (3614) Type: communicationsAlarm (4) Package: sonet Raised on class: sonet.SiteSync	Severity: minor Implicitly cleared: true Default probable cause: PTPReferenceOutOfFrequency (1403)	<ul style="list-style-type: none"> 6.6.5
Description: The alarm is raised when the PTP Reference on an NE is not qualified due to Out of frequency.		
Raising condition: (('Not Qualified Due To'anyBit'OOFF'))		
Clearing condition: NOT (('Not Qualified Due To'anyBit'OOFF'))		
Remedial action: Make sure that frequency configured for Reference One is correct.		

Table 32-78 PTPReferenceOutOfPollInRange

Alarm	Attributes	Applicable major releases
Name: PTPReferenceOutOfPollInRange (3615) Type: communicationsAlarm (4) Package: sonet Raised on class: sonet.SiteSync	Severity: minor Implicitly cleared: true Default probable cause: PTPReferenceOutOfPollInRange (1404)	<ul style="list-style-type: none"> 6.6.5
Description: The alarm is raised when the PTP Reference on an NE is not qualified state due to Out of poll in range.		
Raising condition: (('Not Qualified Due To'anyBit'OOPIR'))		
Clearing condition: NOT (('Not Qualified Due To'anyBit'OOPIR'))		
Remedial action: If there is packet flow, the PTP slave clock is in it's initial acquiring states where the sync-if-timing reference does not qualify just wait.		

Table 32-79 RadiusOperStatusDown

Alarm	Attributes	Applicable major releases
Name: RadiusOperStatusDown (3692) Type: radiusOperStatusDownAlarm (105) Package: netw Raised on class: netw.NetworkElement	Severity: critical Implicitly cleared: true Default probable cause: radiusOperationStatusDown (1431)	<ul style="list-style-type: none"> 6.6.3 6.6.4 6.6.5
Description: The alarm is raised when all RADIUS servers have gone down.		
Raising condition: ('Global RADIUS Operational State' EQUAL 'Down')		
Clearing condition: ('Global RADIUS Operational State' EQUAL 'Up')		
Remedial action: Verify the RADIUS server is properly configured and radius server state is up. Check the connectivity between SAM server and radius server configured on the Network element.		

Table 32-80 ReachabilityProblem

Alarm	Attributes	Applicable major releases
Name: ReachabilityProblem (243) Type: communicationsAlarm (4) Package: netw Raised on class: netw.NetworkElement	Severity: major Implicitly cleared: true Default probable cause: ReachabilityTestFailed (176)	<ul style="list-style-type: none"> • 6.6.3 • 6.6.4 • 6.6.5
Description: The alarm is raised when a mediation poll of the SysUpTimeAlarm object on an NE fails, for example, because of network congestion or because the NE is too busy to respond. The probable cause is an unreachable NE Mediation agent on the NE. The polling interval depends on the NE type and is configurable in nms-server.xml. By default, the 5620 SAM polls a managed NE every four minutes. If a poll fails, the alarm is raised. The alarm clears when the 5620 SAM receives a response from the NE, and the 5620 SAM GUI icon that represents the NE turns from red to green.		
Raising condition: ('SNMP Reachability' EQUAL 'Down')		
Remedial action: Informational - if the alarm persists or is occurring frequently then investigation is required to understand a) why the underlying transport network is unreliable or b) why the NE is too busy to respond to 5620 SAM or c) has SNMP been disabled on the NE. Once the issue has been resolved SAM will automatically re-attempt.		

Table 32-81 ReconfigFailure

Alarm	Attributes	Applicable major releases
Name: ReconfigFailure (1949) Type: communicationsAlarm (4) Package: netw Raised on class: netw.NetworkElement	Severity: critical Implicitly cleared: true Default probable cause: failedReconfig (937)	<ul style="list-style-type: none"> • 6.6.3 • 6.6.4 • 6.6.5
Description: This alarm is raised when the reconfig action failed.		
Raising condition: ('State' EQUAL 'Failed')		
Clearing condition: ('State' NOT EQUAL 'Failed')		
Remedial action: Verify that the object is configured as expected.		

Table 32-82 RedundantMepMisconfiguration

Alarm	Attributes	Applicable major releases
Name: RedundantMepMisconfiguration (3631) Type: oamAlarm (18) Package: ethernetOam Raised on class: ethernetOam.Mep	Severity: minor Implicitly cleared: true Default probable cause: misconfiguredRedundantMep (1416)	<ul style="list-style-type: none"> • 6.6.3 • 6.6.4 • 6.6.5
Description: The alarm is raised when an Active and Redundant MEP do not have the same ID, Operational MAC Address or Sub Group configured.		
Raising condition: ('validRedundantMepConfig' EQUAL 'false')		
Clearing condition: ('validRedundantMepConfig' EQUAL 'true')		

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Alarm	Attributes	Applicable major releases
Remedial action: MC-LAG redundant MEP configuration (MEP ID or Mac Address) for Active & Standby Interfaces do not match, this could cause issues with CFM or CCM tests if Active interface changes. Delete and Re-create Standby MEP to match Active.		

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Table 32-83 RedundantMepMissing

Alarm	Attributes	Applicable major releases
Name: RedundantMepMissing (3632) Type: oamAlarm (18) Package: ethernetToam Raised on class: ethernetToam.Mep	Severity: minor Implicitly cleared: true Default probable cause: missingRedundantMep (1417)	<ul style="list-style-type: none"> • 6.6.3 • 6.6.4 • 6.6.5
Description: The alarm is raised when a MEP misses a redundant counterpart on LAG or SAP.		
Raising condition: (('MC-LAG Inactive' NOT EQUAL 'Not Applicable') AND ('Redundant MEP' EQUAL '\\""))		
Clearing condition: (('MC-LAG Inactive' EQUAL 'Not Applicable') OR (('MC-LAG Inactive' NOT EQUAL 'Not Applicable') AND ('Redundant MEP' NOT EQUAL '\\""))		
Remedial action: MC-LAG redundant MEP is missing Active & Standby Interfaces, this will cause issues with CFM or CCM tests if Active interface changes. Create missing Active/Standby MEP to match existing.		

Table 32-84 RemoteMepCCMAAlarm

Alarm	Attributes	Applicable major releases
Name: RemoteMepCCMAAlarm (502) Type: oamAlarm (18) Package: ethernetToam Raised on class: ethernetToam.Mep	Severity: major Implicitly cleared: true Default probable cause: missingRemoteMep (388)	<ul style="list-style-type: none"> • 6.6.3 • 6.6.4 • 6.6.5
Description: The alarm is raised when a MEP loses connectivity with one or more remote MEPs. The Remote MEP DB State tab on a MEP lists the missing remote MEPs.		
Raising condition: ('High-Priority Defect' NOT EQUAL '0')		
Clearing condition: ('High-Priority Defect' EQUAL '0')		
Remedial action: MEP has lost communication with Remote MEP defined in Maintenance Association (MEG) Remote MEP list, Either Remote MEP list is incorrect or diagnose connection fault and resolve.		

Table 32-85 RipDown

Alarm	Attributes	Applicable major releases
Name: RipDown (72) Type: ProtocolAlarm (1) Package: rip Raised on class: rip.Site	Severity: critical Implicitly cleared: true Default probable cause: protocolDown (1)	<ul style="list-style-type: none"> • 6.6.3 • 6.6.4 • 6.6.5
Description: The alarm is raised when a RIP site has an Operational State other than Up, and the Administrative State is Up.		
Raising condition: (('Administrative State' EQUAL 'Up') AND ('Operational State' NOT EQUAL 'Up'))		
Clearing condition: (('Operational State' EQUAL 'Up') OR ('Administrative State' NOT EQUAL 'Up'))		
Remedial action: The RIP Site is down while it is administratively up. Please check the node e.g, IOM is not shutdown or installed.		

Table 32-86 SaveConfigFailed

Alarm	Attributes	Applicable major releases
Name: SaveConfigFailed (105) Type: configurationAlarm (11) Package: sw Raised on class: sw.BackupRestoreManager	Severity: major Implicitly cleared: true Default probable cause: fileAccessError (90)	<ul style="list-style-type: none"> • 6.6.3 • 6.6.4 • 6.6.5
Description: The alarm is raised when the admin save command on an NE fails.		
Raising condition: ('Config Save State' EQUAL 'Failure')		
Clearing condition: ('Config Save State' EQUAL 'Success')		
Remedial action: Attempt the admin save command a second time. If the problem persists please contact Alcatel-Lucent support for assistance.		

Table 32-87 ScheduledPollerProblem

Alarm	Attributes	Applicable major releases
Name: ScheduledPollerProblem (4386) Type: communicationsAlarm (4) Package: netw Raised on class: netw.NetworkElement	Severity: warning Implicitly cleared: true Default probable cause: scheduledResyncFailed (1569)	<ul style="list-style-type: none"> • 6.6.3 • 6.6.4 • 6.6.5
Description: The alarm is raised when the 5620 SAM is unable to poll a network object, for example, because of intermittent or no IP connectivity to an NE, incorrect SNMP security parameters, or disabled SNMP on the NE.		
Raising condition: ('Scheduled Resync Status' EQUAL 'Scheduled Resync Failed')		
Clearing condition: ('Scheduled Resync Status' EQUAL 'Scheduled Resync Done')		
Remedial action: Informational - if the alarm persists or is occurring frequently then investigation is required to understand a) why the underlying transport network is unreliable or b) why the NE is too busy to respond to 5620 SAM or c) has SNMP been disabled on the NE. Once the issue has been resolved SAM will automatically re-attempt.		

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Table 32-88 ServiceSiteDown

Alarm	Attributes	Applicable major releases
Name: ServiceSiteDown (97) Type: serviceAlarm (16) Package: service Raised on class: service.Site	Severity: critical Implicitly cleared: true Default probable cause: siteDown (83)	<ul style="list-style-type: none"> • 6.6.3 • 6.6.4 • 6.6.5
Description: The alarm is raised when all SAPs on a site are operationally down, or when the service tunnels for the site are operationally down.		
Raising condition: (('Operational State' NOT EQUAL 'Up') AND ('State Cause' NOT EQUAL 'All Spoke SDP Bindings are Standby'))		
Clearing condition: (('Operational State' EQUAL 'Up') OR ('State Cause' EQUAL 'All Spoke SDP Bindings are Standby'))		
Remedial action: The network resources (i.e. physical ports for SAPs, or physical ports/LSP) associated with the service site should be examined to determine if/why they are operationally down. The underlying transport network supporting the site may also be unreliable.		

Table 32-89 SiteManagementVlanConflict

Alarm	Attributes	Applicable major releases
Name: SiteManagementVlanConflict (223) Type: configurationAlarm (11) Package: vlan Raised on class: vlan.Site	Severity: warning Implicitly cleared: true Default probable cause: topologyMisconfigured (81)	<ul style="list-style-type: none"> • 6.6.3 • 6.6.4 • 6.6.5
Description: The alarm is raised when the management VLAN ID is used for another type of service.		
Raising condition: ('managementVlanConflict' EQUAL 'true')		
Clearing condition: ('managementVlanConflict' EQUAL 'false')		
Remedial action: Ensure that the VLAN ID of this Management Service Site is not used on any other type of VLAN Service Site.		

Table 32-90 SiteVlanSubTypeConflict

Alarm	Attributes	Applicable major releases
Name: SiteVlanSubTypeConflict (224) Type: configurationAlarm (11) Package: vlan Raised on class: vlan.Site	Severity: major Implicitly cleared: true Default probable cause: topologyMisconfigured (81)	<ul style="list-style-type: none"> • 6.6.3 • 6.6.4 • 6.6.5
Description: The alarm is raised when more than one type of VLAN service has the same VLAN ID. The alarm is raised against a site.		
Raising condition: ('vlanSubTypeConflict' EQUAL 'true')		
Clearing condition: ('vlanSubTypeConflict' EQUAL 'false')		
Remedial action: Ensure that only one type of VLAN Service is configured with the VLAN ID used by this Site.		

Table 32-91 StatsRetrieveFailed

Alarm	Attributes	Applicable major releases
Name: StatsRetrieveFailed (244) Type: configurationAlarm (11) Package: sw Raised on class: sw.AccountingStatsRetrievalManager	Severity: major Implicitly cleared: false Default probable cause: fileTransferFailure (89)	<ul style="list-style-type: none"> • 6.6.3 • 6.6.4 • 6.6.5
Description: The alarm is raised when the 5620 SAM main or auxiliary server cannot transfer an accounting file from an NE.		
Raising condition: (('Stats Retrieval State' NOT EQUAL 'Success') AND ('Stats Retrieval State' NOT EQUAL 'Not Attempted'))		
Remedial action: Informational - if the alarm persists or is occurring frequently then investigation is required to understand a) why the underlying transport network is unreliable or b) why the NE is too busy or otherwise cannot respond to the 5620 SAM main or auxiliary server.		

Table 32-92 SubscriberSystemNextHopUsageHigh

Alarm	Attributes	Applicable major releases
Name: SubscriberSystemNextHopUsageHigh (5157) Type: thresholdCrossed (6) Package: netw Raised on class: netw.NetworkElement	Severity: minor Implicitly cleared: true Default probable cause: resourceFull (53)	<ul style="list-style-type: none"> • 6.6.3 • 6.6.4 • 6.6.5
Description: The alarm is raised when the IP next-hop usage by subscriber managed routes reaches its high watermark, cleared when it reaches its low watermark again; the watermarks are derived from the limit specified with the property subSysNextHopLimit.		
Raising condition: ('IP Next Hop Usage High' EQUAL 'true')		
Clearing condition: ('IP Next Hop Usage High' EQUAL 'false')		
Remedial action: The alarm is raised when the IP next-hop usage by subscriber managed routes reaches its high watermark, cleared when it reaches its low watermark again; the watermarks are derived from the limit specified with the property subSysNextHopLimit. There is no immediate effect, but when the usage actually hits the limit, new hosts will not get their managed routes.		

Table 32-93 SubSysChassMemoryUsageHi

Alarm	Attributes	Applicable major releases
Name: SubSysChassMemoryUsageHi (5656) Type: thresholdCrossed (6) Package: equipment Raised on class: equipment.Shelf	Severity: minor Implicitly cleared: true Default probable cause: resourceFull (53)	<ul style="list-style-type: none"> • 6.6.3 • 6.6.4 • 6.6.5
Description: This alarm is raised when the memory usage by subscriber management on this system or chassis reaches its high watermark ('true').		
Raising condition: ('Memory Usage High' EQUAL 'True')		

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Alarm	Attributes	Applicable major releases
Clearing condition: (('Memory Usage High' EQUAL 'False') OR ('Memory Usage High' EQUAL 'unspecified'))		
Remedial action: The memory usage by subscriber management on this system has reached its high watermark. Please check your memory usage.		

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Table 32-94 TemperatureThresholdCrossed

Alarm	Attributes	Applicable major releases
Name: TemperatureThresholdCrossed (7) Type: environmentalAlarm (2) Package: equipment Raised on class: equipment.Environment	Severity: major Implicitly cleared: true Default probable cause: equipmentOverheated (5)	<ul style="list-style-type: none"> • 6.6.3 • 6.6.4 • 6.6.5
Description: The alarm is raised when a temperature crosses a threshold.		
Raising condition: ('temperatureThresholdCrossed' EQUAL 'true')		
Clearing condition: ('temperatureThresholdCrossed' EQUAL 'false')		
Remedial action: The NE has detected internal temperatures which are abnormally high. This could be caused by a failed fan unit or one or more dirty fan filters. Replacing the failed unit or filters should resolve the problem. Alternately the environment that the NE is operating in may not be within specifications found in the NE user guides.		

Table 32-95 TlsSiteDown

Alarm	Attributes	Applicable major releases
Name: TlsSiteDown (163) Type: ProtocolAlarm (1) Package: layer2 Raised on class: layer2.TlsSite	Severity: warning Implicitly cleared: true Default probable cause: protocolDown (1)	<ul style="list-style-type: none"> • 6.6.3 • 6.6.4 • 6.6.5
Description: The alarm is raised when MVR is disabled on an NE and a TLS VLAN or MVR VLAN service is provisioned on the NE.		
Raising condition: ('TLS Admin Status' EQUAL 'Disabled')		
Clearing condition: ('TLS Admin Status' EQUAL 'Enabled')		
Remedial action: To clear the alarm, enable TLS Admin Status under the Bridge Instance.		

Table 32-96 TmnxEqPortEtherLoopDetected

Alarm	Attributes	Applicable major releases
Name: TmnxEqPortEtherLoopDetected (461) Type: portEtherLoopDetected (48) Package: ethernetequipment Raised on class: ethernetequipment.EthernetPortSpecifics	Severity: major Implicitly cleared: true Default probable cause: HighBer (238)	<ul style="list-style-type: none"> • 6.6.3 • 6.6.4 • 6.6.5
Description: The alarm is raised when a device detects a physical loop on an Ethernet port.		
Raising condition: (('Down When Looped Status' EQUAL 'Loop Detected'))		
Clearing condition: (('Down When Looped Status' EQUAL 'No Loop Detected'))		
Remedial action: An Ethernet port has been mis-cabled - please remove the loopback cable on the port.		

Table 32-97 TrapDestinationMisconfigured

Alarm	Attributes	Applicable major releases
Name: TrapDestinationMisconfigured (33) Type: configurationAlarm (11) Package: netw Raised on class: netw.NetworkElement	Severity: major Implicitly cleared: true Default probable cause: trapDestinationMisconfigured (26) Applicable probable causes: <ul style="list-style-type: none"> • trapDestinationMisconfigured • duplicateTrapLogId 	<ul style="list-style-type: none"> • 6.6.3 • 6.6.4 • 6.6.5
Description: The alarm is raised when the 5620 SAM cannot be added to the NE's SNMP trap destinations.		
Raising condition: ('isTrapDestinationMisconfigured' EQUAL 'true')		
Clearing condition: ('isTrapDestinationMisconfigured' EQUAL 'false')		
Remedial action: A configuration error has been made which must be corrected. The SNMP trap destination on the NE must be configured to the IP address of the SAM server.		

Table 32-98 TrapReceivingFailure

Alarm	Attributes	Applicable major releases
Name: TrapReceivingFailure (1083) Type: communications (87) Package: netw Raised on class: netw.NetworkElement	Severity: major Implicitly cleared: false Default probable cause: trapsWillNotBeSent (822)	<ul style="list-style-type: none"> • 6.6.3 • 6.6.4 • 6.6.5
Description: This user-defined alarm is raised when the NE is unable to send traps because the NE configuration is one of the following: - The Management IP Selection is set to Out Of Band Only, the Primary Route Preference is set to In Band, and the Secondary Route Preference is set to None. - The Management IP Selection is set to In Band Only, the Primary Route Preference is set to Out Of Band, and the Secondary Route Preference is set to None.		

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Alarm	Attributes	Applicable major releases
<p>Raising condition: (((('Active Management IP' EQUAL 'In Band') AND ('Management IP Selection' EQUAL 'In Band Only') AND ('Primary Route Preference' EQUAL 'Out Of Band') AND ('Secondary Route Preference' EQUAL 'None')) OR (('Active Management IP' EQUAL 'Out Of Band') AND ('Management IP Selection' EQUAL 'Out Of Band Only') AND ('Primary Route Preference' EQUAL 'In Band') AND ('Secondary Route Preference' EQUAL 'None')) OR (('Active Management IP' EQUAL 'Out Of Band') AND ('Management IP Selection' EQUAL 'In Band Preferred') AND ('Primary Route Preference' EQUAL 'In Band') AND ('Secondary Route Preference' EQUAL 'None')) OR (('Active Management IP' EQUAL 'In Band') AND ('Management IP Selection' EQUAL 'Out Of Band Preferred') AND ('Primary Route Preference' EQUAL 'Out Of Band') AND ('Secondary Route Preference' EQUAL 'None'))))</p>		
<p>Clearing condition: (((('Active Management IP' EQUAL 'In Band') AND ('Management IP Selection' EQUAL 'In Band Only') AND (('Primary Route Preference' EQUAL 'In Band') OR ('Secondary Route Preference' EQUAL 'In Band')) OR (('Active Management IP' EQUAL 'Out Of Band') AND ('Management IP Selection' EQUAL 'Out Of Band Only') AND (('Primary Route Preference' EQUAL 'Out Of Band') OR ('Secondary Route Preference' EQUAL 'Out Of Band')) OR (('Active Management IP' EQUAL 'Out Of Band') AND ('Management IP Selection' EQUAL 'In Band Preferred') AND ('Primary Route Preference' EQUAL 'In Band') OR ('Secondary Route Preference' EQUAL 'In Band')) OR (('Active Management IP' EQUAL 'In Band') AND ('Management IP Selection' EQUAL 'Out Of Band Preferred') AND (('Primary Route Preference' EQUAL 'In Band') OR ('Secondary Route Preference' EQUAL 'In Band')) OR (('Active Management IP' EQUAL 'Out Of Band') AND ('Management IP Selection' EQUAL 'Out Of Band Preferred') AND (('Primary Route Preference' EQUAL 'Out Of Band') OR ('Secondary Route Preference' EQUAL 'Out Of Band'))))</p>		
<p>Remedial action: A configuration error has been made which must be corrected. The configuration error must be corrected per the discussion in the description for this alarm.</p>		

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Table 32-99 TrapRoutePreferenceRedundancyMissing

Alarm	Attributes	Applicable major releases
<p>Name: TrapRoutePreferenceRedundancyMissing (1084) Type: communications (87) Package: netw Raised on class: netw.NetworkElement</p>	<p>Severity: warning Implicitly cleared: true Default probable cause: trapsRedundancyMissing (823)</p>	<ul style="list-style-type: none"> • 6.6.3 • 6.6.4 • 6.6.5
<p>Description: The user-defined alarm is raised when NE management redundancy is configured without trap route preference redundancy.</p>		
<p>Raising condition: (((('Management IP Selection' EQUAL 'In Band Preferred') AND ('Active Management IP' EQUAL 'In Band') AND ('Primary Route Preference' EQUAL 'In Band') AND ('Secondary Route Preference' EQUAL 'None')) OR (('Management IP Selection' EQUAL 'Out Of Band Preferred') AND ('Active Management IP' EQUAL 'Out Of Band') AND ('Primary Route Preference' EQUAL 'Out Of Band') AND ('Secondary Route Preference' EQUAL 'None'))))</p>		
<p>Clearing condition: (((('Management IP Selection' EQUAL 'In Band Preferred') AND ('Active Management IP' EQUAL 'In Band') AND ('Secondary Route Preference' NOT EQUAL 'None')) OR (('Management IP Selection' EQUAL 'Out Of Band Preferred') AND ('Active Management IP' EQUAL 'Out Of Band') AND ('Secondary Route Preference' NOT EQUAL 'None'))))</p>		
<p>Remedial action: A configuration error has been made which must be corrected. The IP address of the standby SAM server must be configured on the NE in question.</p>		

Table 32-100 UnidentifiedNode

Alarm	Attributes	Applicable major releases
Name: UnidentifiedNode (1922) Type: communicationsAlarm (4) Package: netw Raised on class: netw.DiscoveredNode	Severity: major Implicitly cleared: true Default probable cause: unidentifiedNode (922)	<ul style="list-style-type: none"> • 6.6.3 • 6.6.4 • 6.6.5
Description: The alarm is raised when the node being discovered can not be properly identified.		
Raising condition: ('State' EQUAL 'Pending Identification')		
Clearing condition: ('State' NOT EQUAL 'Pending Identification')		
Remedial action: A configuration error has occurred that must be corrected. The eNodeB does not have a system name. The name can be configured by selecting the alarm, opening the associated properties form for the alarmed object and configuring the system name.		

Table 32-101 UnmanageFailed

Alarm	Attributes	Applicable major releases
Name: UnmanageFailed (300) Type: discoveryControlAlarm (33) Package: netw Raised on class: netw.NodeDiscoveryControl	Severity: warning Implicitly cleared: true Default probable cause: unableToDeleteNode (231)	<ul style="list-style-type: none"> • 6.6.3 • 6.6.4 • 6.6.5
Description: The alarm is raised when an attempt to unmanage an NE fails.		
Raising condition: ('Site State' EQUAL 'Unmanage Failed')		
Clearing condition: ('Site State' NOT EQUAL 'Unmanage Failed')		
Remedial action: Informational - if the alarm persists please contact Alcatel-Lucent support for assistance		

Table 32-102 UpgradedBuildVersionMismatch

Alarm	Attributes	Applicable major releases
Name: UpgradedBuildVersionMismatch (174) Type: configurationAlarm (11) Package: netw Raised on class: netw.NetworkElement	Severity: warning Implicitly cleared: true Default probable cause: upgradedImageNotBooted (137)	<ul style="list-style-type: none"> • 6.6.3 • 6.6.4 • 6.6.5
Description: The alarm is raised when the software version that an NE reports after a software upgrade does not match the version of the software used for the upgrade.		
Raising condition: ('upgradedBuildVersionMismatch' EQUAL 'true')		
Clearing condition: ('upgradedBuildVersionMismatch' EQUAL 'false')		
Remedial action: Informational - if the alarm persists please contact Alcatel-Lucent support for assistance		

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Table 32-103 upgradedCardAlarm

Alarm	Attributes	Applicable major releases
Name: upgradedCardAlarm (255) Type: softwareAlarm (19) Package: equipment Raised on class: equipment.Card	Severity: warning Implicitly cleared: true Default probable cause: upgradedCard (194)	<ul style="list-style-type: none"> • 6.6.3 • 6.6.4 • 6.6.5
Description: The alarm is raised when the standby CPM is rebooted and operational after a software upgrade. A device resets an IOM automatically after 120 minutes if the IOM is not manually reset after a CPM upgrade.		
Raising condition: ('operationalState' EQUAL 'Upgrade')		
Clearing condition: ('operationalState' EQUAL 'Up')		
Remedial action: Informational - no corrective action required.		

Table 32-104 VersionConfigRestoreFailed

Alarm	Attributes	Applicable major releases
Name: VersionConfigRestoreFailed (536) Type: configurationAlarm (11) Package: sw Raised on class: sw.BackupRestoreManager	Severity: major Implicitly cleared: true Default probable cause: versionMismatch (405)	<ul style="list-style-type: none"> • 6.6.3 • 6.6.4 • 6.6.5
Description: The alarm is raised when the restore procedure on an NE fails because of a mismatch between the backup file set version and the NE software version.		
Raising condition: ('lastNmsVersionRestoreState' EQUAL 'Failure')		
Clearing condition: ('lastNmsVersionRestoreState' EQUAL 'Success')		
Remedial action: The backup files being restored do not match with the version of node software release. Download a new copy of the SW image to the NE. If the problem persists contact Alcatel-Lucent support for assistance.		

Table 32-105 WrongCpaaSoftwareVersion

Alarm	Attributes	Applicable major releases
Name: WrongCpaaSoftwareVersion (791) Type: equipmentAlarm (3) Package: netw Raised on class: netw.NetworkElement	Severity: critical Implicitly cleared: true Default probable cause: wrongCpaaSoftwareVersion (559)	<ul style="list-style-type: none"> • 6.6.3 • 6.6.4 • 6.6.5
Description: The alarm is raised when the 7701 CPAA software is the wrong version and requires an upgrade.		
Raising condition: (('Software Version' EQUAL "\"TIMOS-B-3.0.Generic \") AND ('Chassis Type' EQUAL '7701 CPAA'))		
Clearing condition: (('Software Version' NOT EQUAL "\"TIMOS-B-3.0.Generic \") AND ('Chassis Type' EQUAL '7701 CPAA'))		
Remedial action: The SW version of the CPAA must be upgraded to the version compatible with CPAM version.		

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Note – Some alarms that the 5620 SAM can raise against this device may not be listed in this chapter. Associating alarms with specific NE types is an ongoing Alcatel-Lucent effort. If the 5620 SAM raises an alarm against this device type, and the alarm is not described in this chapter, see chapter 41 for information about the alarm.

Table 33-1 AccessInterfaceDown

Alarm	Attributes	Applicable major releases
Name: AccessInterfaceDown (249) Type: AccessInterfaceAlarm (32) Package: service Raised on class: service.AccessInterface	Severity: critical Implicitly cleared: true Default probable cause: interfaceDown (32)	<ul style="list-style-type: none"> • 6.4.2 • 6.4.3 • 6.4.4 • 6.4.5 • 6.4.6
Description: The alarm is raised when an L2 or L3 interface operational state is Down. The alarm is not raised against an L2 access interface that is associated with an MC ring or MC LAG in the standby state.		
Raising condition: (('Operational State' NOT EQUAL 'Up') AND ('State Cause' NOT EQUAL 'Standby For MC-Ring') AND ('State Cause' NOT EQUAL 'Standby For MC-Lag') AND ('State Cause' NOT EQUAL 'Standby For BGP Multi-homing'))		
Clearing condition: (('Operational State' EQUAL 'Up') OR ('State Cause' EQUAL 'Standby For MC-Ring') OR ('State Cause' EQUAL 'Standby For MC-Lag') OR ('State Cause' EQUAL 'Standby For BGP Multi-homing'))		
Remedial action: The condition exists because the physical interface is down either because it is administratively disabled, faulty or a cabling fault has occurred. Ensure that the interface is administratively up. Check for a poor cable connection to the port or for a faulty cable/fiber. If neither appears to be the problem run diagnostics on the port to determine if it is faulty.		

Table 33-2 ActiveAbnormalCondition

Alarm	Attributes	Applicable major releases
Name: ActiveAbnormalCondition (3938) Type: activeAbnormalConditionAlarm (116) Package: netw Raised on class: netw.NetworkElement	Severity: major Implicitly cleared: true Default probable cause: ActiveAbnormalConditionState (1520)	<ul style="list-style-type: none"> • 6.4.2 • 6.4.3 • 6.4.4 • 6.4.5 • 6.4.6
Description: The alarm is an indication for abnormal condition on NE.		
Raising condition: ('abnormalCondition' EQUAL 'true')		
Clearing condition: ('abnormalCondition' EQUAL 'false')		
Remedial action: This alarm is raised when there is a abnormal state indication on NE.		

Table 33-3 AggregatedVFLPortDown

Alarm	Attributes	Applicable major releases
Name: AggregatedVFLPortDown (5436) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.Shelf	Severity: critical Implicitly cleared: true Default probable cause: connectivityIssue (2137)	<ul style="list-style-type: none"> • 6.4.2 • 6.4.3 • 6.4.4 • 6.4.5 • 6.4.6
Description: The alarm is generated when the aggregated virtual fabric link on the virtual chassis slot is down.		
Raising condition: (('Shelf Type' EQUAL '7850') AND ('Total Slots' EQUAL '4') AND ('Virtual Fabric Link State' NOT EQUAL 'Up'))		
Clearing condition: (('Shelf Type' EQUAL '7850') AND ('Total Slots' EQUAL '4') AND ('Virtual Fabric Link State' EQUAL 'Up'))		
Remedial action: The alarm is raised when the aggregated virtual fabric link on the virtual chassis is down. Please check the virtual fabric links for the virtual chassis setup.		

Table 33-4 AGWDiameterPeerDown

Alarm	Attributes	Applicable major releases
Name: AGWDiameterPeerDown (844) Type: EpcAlarm (59) Package: Ite Raised on class: Ite.AGWDiameterPeer	Severity: variable Implicitly cleared: true Default probable cause: EPSPeerDown (602)	<ul style="list-style-type: none"> • 6.4.2 • 6.4.3 • 6.4.4 • 6.4.5 • 6.4.6
Description: The alarm is raised when the path management state of a Diameter peer changes to a state other than Up.		
Raising condition: ('Path Diameter Management State' NOT EQUAL 'Active')		
Clearing condition: ('Path Diameter Management State' EQUAL 'Active')		

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Alarm	Attributes	Applicable major releases
Remedial action: A Ga reference point (peer) is operationally down for one of the following reasons: the underlying IP or physical interface is down, the far end peer is down or the underlying transport between this NE and the peer NE is down. To resolve the issue ensure that the IP/physical interface is up, check that the far end peer is operational and check that the underlying transport network is up.		

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Table 33-5 AreaTypeMismatch

Alarm	Attributes	Applicable major releases
Name: AreaTypeMismatch (38) Type: configurationAlarm (11) Package: ospf Raised on class: ospf.Area	Severity: warning Implicitly cleared: true Default probable cause: areaTypeMisconfigured (34)	<ul style="list-style-type: none"> • 6.4.4 • 6.4.5 • 6.4.6
Description: The alarm is raised when an OSPF area on one NE is configured as an NSSA and the same OSPF area on another NE is configured as a stub area.		
Raising condition: ('Type Mismatch' EQUAL 'true')		
Clearing condition: ('Type Mismatch' EQUAL 'false')		
Remedial action: A configuration error has been made which must be corrected. The OSPF area type configured for the NE does not match with the same OSPF area configured on another NE. Compare the configuration on the endpoint and correct the mismatch.		

Table 33-6 AuxiliaryServerStatus

Alarm	Attributes	Applicable major releases
Name: AuxiliaryServerStatus (311) Type: communicationsAlarm (4) Package: server Raised on class: server.AuxiliaryServer	Severity: critical Implicitly cleared: true Default probable cause: systemFailed (144)	<ul style="list-style-type: none"> • 6.4.2 • 6.4.3 • 6.4.4 • 6.4.5 • 6.4.6
Description: The alarm is raised when a 5620 SAM main server cannot communicate with an auxiliary server. The alarm clears when communication is restored.		
Raising condition: ('Server Status' EQUAL 'Down')		
Clearing condition: ('Server Status' EQUAL 'Up')		
Remedial action: Informational - if the alarm persists or is occurring frequently then investigation is required to understand why the connectivity between the AUX and SAM servers is unreliable.		

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Table 33-7 BgpDown

Alarm	Attributes	Applicable major releases
Name: BgpDown (6) Type: ProtocolAlarm (1) Package: bgp Raised on class: bgp.Site	Severity: critical Implicitly cleared: true Default probable cause: protocolDown (1)	<ul style="list-style-type: none"> • 6.4.2 • 6.4.3 • 6.4.4 • 6.4.5 • 6.4.6
Description: The alarm is raised when a BGP instance has an Operational State other than Up, and the Administrative State is Up.		
Raising condition: (('Administrative State' EQUAL 'Up') AND ('Operational State' NOT EQUAL 'Up'))		
Clearing condition: (('Operational State' EQUAL 'Up') OR ('Administrative State' NOT EQUAL 'Up'))		
Remedial action: The BGP protocol entity is down - administratively disable BGP and re-enable. If the problem persists please contact Alcatel-Lucent support for assistance.		

Table 33-8 BootableConfigBackupFailed

Alarm	Attributes	Applicable major releases
Name: BootableConfigBackupFailed (103) Type: configurationAlarm (11) Package: sw Raised on class: sw.BackupRestoreManager	Severity: major Implicitly cleared: true Default probable cause: fileTransferFailure (89)	<ul style="list-style-type: none"> • 6.4.2 • 6.4.3 • 6.4.4 • 6.4.5 • 6.4.6
Description: The alarm is raised when the 5620 SAM fails to back up a set of NE configuration files.		
Raising condition: ('Backup State' EQUAL 'Failure')		
Clearing condition: ('Backup State' EQUAL 'Success')		
Remedial action: Investigation is required to resolve the following possible scenarios: insufficient disk space is available to accommodate the NE configuration files (additional SAM platform alarms will accompany this alarm); the NE is unreachable (including underlying transport network issue); loss of connectivity to the NE during transfer; the FTP daemon on the NE may have stopped; FTP security credential issues.		

Table 33-9 BootableConfigRestoreFailed

Alarm	Attributes	Applicable major releases
Name: BootableConfigRestoreFailed (104) Type: configurationAlarm (11) Package: sw Raised on class: sw.BackupRestoreManager	Severity: major Implicitly cleared: true Default probable cause: fileTransferFailure (89)	<ul style="list-style-type: none"> • 6.4.2 • 6.4.3 • 6.4.4 • 6.4.5 • 6.4.6
Description: The alarm is raised when the 5620 SAM fails to restore a set of NE configuration files.		
Raising condition: ('Restore State' EQUAL 'Failure')		
Clearing condition: ('Restore State' EQUAL 'Success')		

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Alarm	Attributes	Applicable major releases
Remedial action: Investigation is required to resolve the following possible scenarios: the NE is unreachable (including underlying transport network issue); loss of connectivity to the NE during transfer; the FTP daemon on the NE may have stopped; FTP security credential issues.		

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Table 33-10 BootParametersMisconfigured

Alarm	Attributes	Applicable major releases
Name: BootParametersMisconfigured (35) Type: configurationAlarm (11) Package: netw Raised on class: netw.NetworkElement	Severity: critical Implicitly cleared: true Default probable cause: persistentIndexFailure (30) Applicable probable causes: <ul style="list-style-type: none"> • persistentIndexFailure • configFileBootFailure 	<ul style="list-style-type: none"> • 6.4.2 • 6.4.3 • 6.4.4 • 6.4.5 • 6.4.6
Description: The alarm is raised when the SNMP Index Boot Status on an NE is not set to Persistent.		
Raising condition: (('isGenericNode' EQUAL 'false') AND ('State' NOT EQUAL 'Pre-provisioned') AND (('Config File Status' NOT EQUAL 'Executed Successfully') AND ('Config File Status' NOT EQUAL 'configFileStatus_unspecified')) OR (('Persistent Index Status' NOT EQUAL 'Rebuild Succeeded') AND ('Persistent Index Status' NOT EQUAL 'persistentIndexStatus_unspecified'))))		
Clearing condition: (('Config File Status' EQUAL 'Executed Successfully') AND ('Persistent Index Status' EQUAL 'Rebuild Succeeded'))		
Remedial action: Ensure that "SNMP Index Boot Status" is persistent (using cli command "show system information" on the NE). If not, unmanage the network element from SAM, ensure that "persist on" is set in the bof file, save the bof, save a config file, verify that an index file (.ndx) is saved as well, reboot the router, verify that SNMP Index Boot Status is persistent and finally remanage the router from SAM.		

Table 33-11 ClientDelegateServerStatus

Alarm	Attributes	Applicable major releases
Name: ClientDelegateServerStatus (731) Type: communicationsAlarm (4) Package: server Raised on class: server.ClientDelegateServer	Severity: critical Implicitly cleared: true Default probable cause: systemFailed (144)	<ul style="list-style-type: none"> • 6.4.2 • 6.4.3 • 6.4.4 • 6.4.5 • 6.4.6
Description: The alarm is raised when a client delegate server is unreachable.		
Raising condition: ('Server Status' EQUAL 'Down')		
Clearing condition: ('Server Status' EQUAL 'Up')		
Remedial action: Informational - if the alarm persists or is occurring frequently then investigation is required to understand why the connectivity between the client delegate platform and SAM servers is unreliable or the client delegate server itself is unreliable.		

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Table 33-12 ContainingEquipmentAdministrativelyDown

Alarm	Attributes	Applicable major releases
Name: ContainingEquipmentAdministrativelyDown (466) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.Port	Severity: minor Implicitly cleared: true Default probable cause: containingEquipmentAdministrativelyDown (330)	<ul style="list-style-type: none"> • 6.4.2 • 6.4.3 • 6.4.4 • 6.4.5 • 6.4.6
Description: The alarm is raised when the compositeEquipmentState attribute has a value of containingEquipmentAdministrativelyDown.		
Raising condition: (('Status' EQUAL 'Parent Admin Down') AND ('isTerminatable' EQUAL 'true'))		
Clearing condition: (('Status' NOT EQUAL 'Parent Admin Down') OR ('isTerminatable' NOT EQUAL 'true'))		
Remedial action: Informational - no corrective action required.		

Table 33-13 ContainingEquipmentMismatch

Alarm	Attributes	Applicable major releases
Name: ContainingEquipmentMismatch (464) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.Port	Severity: major Implicitly cleared: true Default probable cause: containingEquipmentMismatch (328)	<ul style="list-style-type: none"> • 6.4.2 • 6.4.3 • 6.4.4 • 6.4.5 • 6.4.6
Description: The alarm is raised when the compositeEquipmentState attribute has a value of containingEquipmentMismatch.		
Raising condition: (('Status' EQUAL 'Parent Type Mismatch') AND ('isTerminatable' EQUAL 'true'))		
Clearing condition: (('Status' NOT EQUAL 'Parent Type Mismatch') OR ('isTerminatable' NOT EQUAL 'true'))		
Remedial action: A configuration error has occurred which must be corrected. The card type configured for the slot identified in the alarm must match the installed card type.		

Table 33-14 ContainingEquipmentOperationallyDown

Alarm	Attributes	Applicable major releases
Name: ContainingEquipmentOperationallyDown (465) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.Port	Severity: major Implicitly cleared: true Default probable cause: containingEquipmentDown (329)	<ul style="list-style-type: none"> • 6.4.2 • 6.4.3 • 6.4.4 • 6.4.5 • 6.4.6
Description: The alarm is raised when the compositeEquipmentState attribute has a value of containingEquipmentOperationallyDown.		
Raising condition: (('Status' EQUAL 'Parent Oper Down') AND ('isTerminatable' EQUAL 'true'))		
Clearing condition: (('Status' NOT EQUAL 'Parent Oper Down') OR ('isTerminatable' NOT EQUAL 'true'))		

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Alarm	Attributes	Applicable major releases
Remedial action: The operational state of the equipment element indicated in the alarm is down. This may be due to the element's administrative state or it may indicate that the element has failed.		

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Table 33-15 CorruptImageFile

Alarm	Attributes	Applicable major releases
Name: CorruptImageFile (171) Type: configurationAlarm (11) Package: mediation Raised on class: mediation.AbstractSoftwareFolderDescriptor	Severity: critical Implicitly cleared: true Default probable cause: invalidOrCorruptImageFile (134)	<ul style="list-style-type: none"> • 6.4.2 • 6.4.3 • 6.4.4 • 6.4.5 • 6.4.6
Description: The alarm is raised when one or more files in the 5620 SAM software image specified for a device software upgrade is invalid, corrupt or absent. The 5620 SAM validates a device software file set before it imports the file set and distributes it to an NE. Ensure that the file set downloads properly to the NE and is not tampered with before you re-attempt the upgrade. The alarm clears when a valid file set is on the NE and the 5620 SAM activates the software image in the file set.		
Raising condition: ('isImageValid' EQUAL 'false')		
Clearing condition: ('isImageValid' EQUAL 'true')		
Remedial action: The existing SW image in the SAM database should be replaced with an image that is known to be complete and valid.		

Table 33-16 downgradedCardAlarm

Alarm	Attributes	Applicable major releases
Name: downgradedCardAlarm (256) Type: softwareAlarm (19) Package: equipment Raised on class: equipment.Card	Severity: warning Implicitly cleared: true Default probable cause: downgradedCard (195)	<ul style="list-style-type: none"> • 6.4.2 • 6.4.3 • 6.4.4 • 6.4.5 • 6.4.6
Description: The alarm is raised when an IOM is not upgraded or reset after a device software upgrade of both CPMs. A device resets an IOM automatically after 120 minutes if the IOM is not manually reset after a CPM upgrade.		
Raising condition: ('operationalState' EQUAL 'Downgrade')		
Clearing condition: ('operationalState' EQUAL 'Up')		
Remedial action: Informational - no corrective action required.		

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Table 33-17 EfmOamAlarm

Alarm	Attributes	Applicable major releases
Name: EfmOamAlarm (4617) Type: equipmentAlarm (3) Package: ethernetequipment Raised on class: ethernetequipment.Dot3Oam	Severity: minor Implicitly cleared: true Default probable cause: EFMOAMOperationalstateOutOfService (1886)	<ul style="list-style-type: none"> • 6.4.3 • 6.4.4 • 6.4.5 • 6.4.6
Description: The alarm is raised when EFM Ignore status is Enabled, and Physical port Administrative State is Down.		
Raising condition: ('Ignore EFM State' EQUAL 'true')		
Clearing condition: ('Ignore EFM State' EQUAL 'true')		
Remedial action: The alarm is raised when EFM Ignore status is Enabled, and Physical port Administrative State is Down.		

Table 33-18 EquipmentAdministrativelyDown

Alarm	Attributes	Applicable major releases
Name: EquipmentAdministrativelyDown (455) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.Equipment	Severity: minor Implicitly cleared: true Default probable cause: equipmentAdministrativelyDown (326)	<ul style="list-style-type: none"> • 6.4.2 • 6.4.3 • 6.4.4 • 6.4.5 • 6.4.6
Description: The alarm is raised when the compositeEquipmentState attribute has a value of equipmentAdministrativelyDown.		
Raising condition: ('compositeEquipmentState' EQUAL 'Admin Down')		
Clearing condition: ('compositeEquipmentState' NOT EQUAL 'Admin Down')		
Remedial action: Informational - no corrective action required.		

Table 33-19 EquipmentDegraded

Alarm	Attributes	Applicable major releases
Name: EquipmentDegraded (604) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.FanTray	Severity: minor Implicitly cleared: true Default probable cause: singleFanFailure (450)	<ul style="list-style-type: none"> • 6.4.2 • 6.4.3 • 6.4.4 • 6.4.5 • 6.4.6
Description: The alarm is raised when a single fan fails. The chassis attempts to continue operating within the normal temperature range using only the remaining fans.		
Raising condition: ('Device State' EQUAL 'MinorFailure')		
Clearing condition: ('Device State' NOT EQUAL 'MinorFailure')		
Remedial action: The failed fan unit should be replaced.		

Table 33-20 EquipmentDown

Alarm	Attributes	Applicable major releases
Name: EquipmentDown (10) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.Equipment	Severity: major Implicitly cleared: true Default probable cause: inoperableEquipment (8)	<ul style="list-style-type: none"> • 6.4.2 • 6.4.3 • 6.4.4 • 6.4.5 • 6.4.6
Description: The alarm is raised when the compositeEquipmentState attribute has a value of equipmentOperationallyDown.		
Raising condition: ('compositeEquipmentState' EQUAL 'Oper Down')		
Clearing condition: ('compositeEquipmentState' NOT EQUAL 'Oper Down')		
Remedial action: This alarm indicates that a card in the NE has failed. The card must be replaced.		

Table 33-21 EquipmentFailure

Alarm	Attributes	Applicable major releases
Name: EquipmentFailure (145) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.ReplaceableUnit	Severity: critical Implicitly cleared: true Default probable cause: cardFailure (123)	<ul style="list-style-type: none"> • 6.4.2 • 6.4.3 • 6.4.4 • 6.4.5 • 6.4.6
Description: The alarm is raised when a control processor or power-supply tray reports a failure. When the object type is ControlProcessor, a CPM may be unable to boot. When the object type is Power Supply Tray and the alarm is raised during device discovery, a power-supply tray may be out of service. When the object type is a Power Supply Tray and the device is in the managed state, a power-supply tray may be out of service or the AC power shelf has a fault condition. The alarm clears when the status changes to OK.		
Raising condition: ('operationalState' EQUAL 'Failed')		
Clearing condition: ('operationalState' NOT EQUAL 'Failed')		
Remedial action: If the alarm indicates that the CPM card has a fault, remove the card and reset it. If this does not clear the alarm then please contact Alcatel-Lucent support for assistance. If the alarm indicates that the Power Supply tray is out of service ensure that the NE is properly connected to power. If the problem persists please contact Alcatel-Lucent support for assistance.		

Table 33-22 EquipmentInTest

Alarm	Attributes	Applicable major releases
Name: EquipmentInTest (11) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.Equipment	Severity: warning Implicitly cleared: true Default probable cause: equipmentInTest (9)	<ul style="list-style-type: none"> • 6.4.2 • 6.4.3 • 6.4.4 • 6.4.5 • 6.4.6
Description: The alarm is raised when equipment enters a diagnostic state.		
Raising condition: ('compositeEquipmentState' EQUAL 'In Test')		

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Alarm	Attributes	Applicable major releases
Clearing condition: ('compositeEquipmentState' NOT EQUAL 'In Test')		
Remedial action: Informational - no corrective action required.		

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Table 33-23 EquipmentMismatch

Alarm	Attributes	Applicable major releases
Name: EquipmentMismatch (9) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.Equipment	Severity: major Implicitly cleared: true Default probable cause: equipmentTypeMismatch (7)	<ul style="list-style-type: none"> • 6.4.2 • 6.4.3 • 6.4.4 • 6.4.5 • 6.4.6
Description: The alarm is raised when the compositeEquipmentState attribute has a value of equipmentMismatch.		
Raising condition: ('compositeEquipmentState' EQUAL 'Type Mismatch')		
Clearing condition: ('compositeEquipmentState' NOT EQUAL 'Type Mismatch')		
Remedial action: A configuration error has occurred which must be corrected. The card type configured for the slot identified in the alarm must match the installed card type.		

Table 33-24 EquipmentRemoved

Alarm	Attributes	Applicable major releases
Name: EquipmentRemoved (8) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.Equipment	Severity: major Implicitly cleared: true Default probable cause: replaceableEquipmentRemoved (6)	<ul style="list-style-type: none"> • 6.4.2 • 6.4.3 • 6.4.4 • 6.4.5 • 6.4.6
Description: The alarm is raised when the compositeEquipmentState attribute has a value of equipmentMissing.		
Raising condition: (((('isEquipped' EQUAL 'false') OR ('compositeEquipmentState' EQUAL 'Removed')) AND ('isEquipmentInserted' EQUAL 'true')))		
Clearing condition: (('compositeEquipmentState' NOT EQUAL 'Removed') AND ('isEquipped' EQUAL 'true'))		
Remedial action: Informational - this alarm is raised when a card is removed.		

Table 33-25 EthernetPortConfiguredLoopback

Alarm	Attributes	Applicable major releases
Name: EthernetPortConfiguredLoopback (801) Type: configurationAlarm (11) Package: ethernetequipment Raised on class: ethernetequipment.EthernetPortSpecifics	Severity: warning Implicitly cleared: true Default probable cause: ethernetPortConfiguredLoopback (567)	<ul style="list-style-type: none"> • 6.4.2 • 6.4.3 • 6.4.4 • 6.4.5 • 6.4.6
Description: The alarm is raised when a timed loopback is in effect for an Ethernet port.		
Raising condition: (('Type' NOT EQUAL 'None'))		
Clearing condition: (('Type' EQUAL 'None'))		
Remedial action: This alarm has been raised by the node because "Timed Loopback" option of the specific port's Ethernet property has been enabled. To resolve this problem from "Ethernet" tab of "Physical Port" properties form configure "Timed Loopback" Type property as "None".		

Table 33-26 EthernetPortDuplicateLane

Alarm	Attributes	Applicable major releases
Name: EthernetPortDuplicateLane (3557) Type: communicationsAlarm (4) Package: ethernetequipment Raised on class: ethernetequipment.EthernetPortSpecifics	Severity: major Implicitly cleared: true Default probable cause: DuplicateLane (1387)	<ul style="list-style-type: none"> • 6.4.2 • 6.4.3 • 6.4.4 • 6.4.5 • 6.4.6
Description: The alarm is raised when a device reports a Duplicate Lane on an Ethernet port.		
Raising condition: (('Outstanding Alarms'anyBit'Duplicate Lane') AND ('Report Alarms'anyBit'Duplicate Lane'))		
Clearing condition: NOT (('Outstanding Alarms'anyBit'Duplicate Lane') AND ('Report Alarms'anyBit'Duplicate Lane'))		
Remedial action: One of the following conditions exists on the referenced physical interface which must be corrected. A cable/fiber fault exists which must be corrected - check to ensure that the cable is not faulty and is properly connected. The port is faulty - run diagnostics on the port to determine the nature of the fault. If the problem cannot be resolved swap the card containing the port with a card which is known be functional.		

Table 33-27 EthernetPortHighBer

Alarm	Attributes	Applicable major releases
Name: EthernetPortHighBer (307) Type: communicationsAlarm (4) Package: ethernetequipment Raised on class: ethernetequipment.EthernetPortSpecifics	Severity: major Implicitly cleared: true Default probable cause: HighBer (238)	<ul style="list-style-type: none"> • 6.4.2 • 6.4.3 • 6.4.4 • 6.4.5 • 6.4.6
Description: The alarm is raised when a device reports a high bit-error rate on an Ethernet port.		
Raising condition: (('Outstanding Alarms'anyBit'High Bit Error Rate') AND ('Report Alarms'anyBit'High Bit Error Rate'))		

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Alarm	Attributes	Applicable major releases
Clearing condition: NOT (('Outstanding Alarms'anyBit'High Bit Error Rate') AND ('Report Alarms'anyBit'High Bit Error Rate'))		
Remedial action: One of the following conditions exists on the physical interface which must be corrected. A cable/fiber fault exists which must be corrected - check to ensure that the cable is not faulty and is properly connected. The port is faulty - run diagnostics on the port to determine the nature of the fault.		

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Table 33-28 EthernetPortLocalFault

Alarm	Attributes	Applicable major releases
Name: EthernetPortLocalFault (305) Type: communicationsAlarm (4) Package: ethernetequipment Raised on class: ethernetequipment.EthernetPortSpecifics	Severity: major Implicitly cleared: true Default probable cause: LocalFault (236)	<ul style="list-style-type: none"> • 6.4.2 • 6.4.3 • 6.4.4 • 6.4.5 • 6.4.6
Description: The alarm is raised when a device reports a local fault on an Ethernet port.		
Raising condition: (('Outstanding Alarms'anyBit'Local Fault') AND ('Report Alarms'anyBit'Local Fault'))		
Clearing condition: NOT (('Outstanding Alarms'anyBit'Local Fault') AND ('Report Alarms'anyBit'Local Fault'))		
Remedial action: One of the following conditions exists on the physical interface which must be corrected. A cable/fiber fault exists which must be corrected - check to ensure that the cable is not faulty and is properly connected. The port is faulty - run diagnostics on the port to determine the nature of the fault.		

Table 33-29 EthernetPortNoAmLock

Alarm	Attributes	Applicable major releases
Name: EthernetPortNoAmLock (3558) Type: communicationsAlarm (4) Package: ethernetequipment Raised on class: ethernetequipment.EthernetPortSpecifics	Severity: major Implicitly cleared: true Default probable cause: NoAmLock (1388)	<ul style="list-style-type: none"> • 6.4.2 • 6.4.3 • 6.4.4 • 6.4.5 • 6.4.6
Description: The alarm is raised when a device reports a No Am Lock on an Ethernet port.		
Raising condition: (('Outstanding Alarms'anyBit'No AM Lock') AND ('Report Alarms'anyBit'No AM Lock'))		
Clearing condition: NOT (('Outstanding Alarms'anyBit'No AM Lock') AND ('Report Alarms'anyBit'No AM Lock'))		
Remedial action: One of the following conditions exists on the referenced physical interface which must be corrected. A cable/fiber fault exists which must be corrected - check to ensure that the cable is not faulty and is properly connected. The port is faulty - run diagnostics on the port to determine the nature of the fault. If the problem cannot be resolved swap the card containing the port with a card which is known be functional.		

Table 33-30 EthernetPortNoBlockLock

Alarm	Attributes	Applicable major releases
Name: EthernetPortNoBlockLock (3559) Type: communicationsAlarm (4) Package: ethernetequipment Raised on class: ethernetequipment.EthernetPortSpecifics	Severity: major Implicitly cleared: true Default probable cause: NoBlockLock (1389)	<ul style="list-style-type: none"> • 6.4.2 • 6.4.3 • 6.4.4 • 6.4.5 • 6.4.6
Description: The alarm is raised when a device reports a No Block Lock on an Ethernet port.		
Raising condition: (('Outstanding Alarms'anyBit'No Block Lock') AND ('Report Alarms'anyBit'No Block Lock'))		
Clearing condition: NOT (('Outstanding Alarms'anyBit'No Block Lock') AND ('Report Alarms'anyBit'No Block Lock'))		
Remedial action: One of the following conditions exists on the referenced physical interface which must be corrected. A cable/fiber fault exists which must be corrected - check to ensure that the cable is not faulty and is properly connected. The port is faulty - run diagnostics on the port to determine the nature of the fault. If the problem cannot be resolved swap the card containing the port with a card which is known be functional.		

Table 33-31 EthernetPortNoFrameLock

Alarm	Attributes	Applicable major releases
Name: EthernetPortNoFrameLock (306) Type: communicationsAlarm (4) Package: ethernetequipment Raised on class: ethernetequipment.EthernetPortSpecifics	Severity: major Implicitly cleared: true Default probable cause: NoFrameLock (237)	<ul style="list-style-type: none"> • 6.4.2 • 6.4.3 • 6.4.4 • 6.4.5 • 6.4.6
Description: The alarm is raised when a device reports No Frame Lock on an Ethernet port.		
Raising condition: (('Outstanding Alarms'anyBit'No Frame Lock') AND ('Report Alarms'anyBit'No Frame Lock'))		
Clearing condition: NOT (('Outstanding Alarms'anyBit'No Frame Lock') AND ('Report Alarms'anyBit'No Frame Lock'))		
Remedial action: One of the following conditions exists on the physical interface which must be corrected. A cable/fiber fault exists which must be corrected - check to ensure that the cable is not faulty and is properly connected. The port is faulty - run diagnostics on the port to determine the nature of the fault.		

Table 33-32 EthernetPortRemoteFault

Alarm	Attributes	Applicable major releases
Name: EthernetPortRemoteFault (304) Type: communicationsAlarm (4) Package: ethernetequipment Raised on class: ethernetequipment.EthernetPortSpecifics	Severity: major Implicitly cleared: true Default probable cause: RemoteFault (235)	<ul style="list-style-type: none"> • 6.4.2 • 6.4.3 • 6.4.4 • 6.4.5 • 6.4.6
Description: The alarm is raised when a device reports a remote fault on an Ethernet port.		
Raising condition: (('Outstanding Alarms'anyBit'Remote Fault') AND ('Report Alarms'anyBit'Remote Fault'))		

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Alarm	Attributes	Applicable major releases
Clearing condition: NOT (('Outstanding Alarms'anyBit'Remote Fault') AND ('Report Alarms'anyBit'Remote Fault'))		
Remedial action: One of the following conditions exists on the remote physical interface which must be corrected. A cable/fiber fault exists which must be corrected - check to ensure that the cable is not faulty and is properly connected. The port is faulty - run diagnostics on the port to determine the nature of the fault.		

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Table 33-33 EthernetPortSignalFailure

Alarm	Attributes	Applicable major releases
Name: EthernetPortSignalFailure (303) Type: communicationsAlarm (4) Package: ethernetequipment Raised on class: ethernetequipment.EthernetPortSpecifics	Severity: major Implicitly cleared: true Default probable cause: SignalFailure (234)	<ul style="list-style-type: none"> • 6.4.2 • 6.4.3 • 6.4.4 • 6.4.5 • 6.4.6
Description: The alarm is raised when a device reports a signal failure on an Ethernet port.		
Raising condition: (('Outstanding Alarms'anyBit'Signal Failure') AND ('Report Alarms'anyBit'Signal Failure'))		
Clearing condition: NOT (('Outstanding Alarms'anyBit'Signal Failure') AND ('Report Alarms'anyBit'Signal Failure'))		
Remedial action: One of the following conditions exists on the physical interface which must be corrected. A cable/fiber fault exists which must be corrected - check to ensure that the cable is not faulty and is properly connected. The port is faulty - run diagnostics on the port to determine the nature of the fault.		

Table 33-34 FanFailure

Alarm	Attributes	Applicable major releases
Name: FanFailure (624) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.FanTray	Severity: critical Implicitly cleared: true Default probable cause: fanFailure (116)	<ul style="list-style-type: none"> • 6.4.2 • 6.4.3 • 6.4.4 • 6.4.5 • 6.4.6
Description: The alarm is raised when the associated fan is not operationally Up.		
Raising condition: (('Device State' EQUAL 'Failed') OR ('Device State' EQUAL 'Unknown') OR ('Device State' EQUAL 'OutOfservice'))		
Clearing condition: ('Device State' EQUAL 'OK')		
Remedial action: Remove and reset the fan unit. If this does not resolve the problem replace the fan.		

Table 33-35 FanTrayRemoved

Alarm	Attributes	Applicable major releases
Name: FanTrayRemoved (569) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.FanTray	Severity: critical Implicitly cleared: true Default probable cause: FanTrayRemoved (438)	<ul style="list-style-type: none"> • 6.4.2 • 6.4.3 • 6.4.4 • 6.4.5 • 6.4.6
Description: The alarm is raised when the deviceState attribute has a value of deviceNotEquipped.		
Raising condition: ('Device State' EQUAL 'Not Equipped')		
Clearing condition: ('Device State' NOT EQUAL 'Not Equipped')		
Remedial action: Informational - a fan tray has been removed from the NE.		

Table 33-36 FrameSizeProblem (netw)

Alarm	Attributes	Applicable major releases
Name: FrameSizeProblem (37) Type: configurationAlarm (11) Package: netw Raised on class: netw.StatefullConnectableInterface	Severity: critical Implicitly cleared: true Default probable cause: frameSizeProblem (33)	<ul style="list-style-type: none"> • 6.4.2 • 6.4.3 • 6.4.4 • 6.4.5 • 6.4.6
Description: The alarm is raised when a provisioned MTU size value is greater than the supported MTU size value.		
Raising condition: (('mtuMismatch' EQUAL 'true') AND ('portId' NOT EQUAL '0L'))		
Clearing condition: (('mtuMismatch' EQUAL 'false') OR ('portId' EQUAL '0L'))		
Remedial action: A configuration error has been made which must be corrected. The MTU value must be changed such that is less than or equal to the supported MTU size value.		

Table 33-37 GaPeerDown

Alarm	Attributes	Applicable major releases
Name: GaPeerDown (3303) Type: EpcAlarm (59) Package: Iteggns Raised on class: Iteggns.GaPeer	Severity: major Implicitly cleared: true Default probable cause: EPSPeerDown (602)	<ul style="list-style-type: none"> • 6.4.2 • 6.4.3 • 6.4.4 • 6.4.5 • 6.4.6
Description: The alarm is raised when the path management state of a Ga peer changes to a state other than Up.		
Raising condition: ('Path Management State' NOT EQUAL 'Active')		
Clearing condition: ('Path Management State' EQUAL 'Active')		

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Alarm	Attributes	Applicable major releases
Remedial action: A Ga reference point (peer) is operationally down for one of the following reasons: the underlying IP or physical interface is down, the far end peer is down or the underlying transport between this NE and the peer NE is down. To resolve the issue ensure that the IP/physical interface is up, check that the far end peer is operational and check that the underlying transport network is up.		

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Table 33-38 IfVlanSubTypeConflict

Alarm	Attributes	Applicable major releases
Name: IfVlanSubTypeConflict (213) Type: configurationAlarm (11) Package: vlan Raised on class: vlan.L2AccessInterface	Severity: major Implicitly cleared: true Default probable cause: topologyMisconfigured (81)	<ul style="list-style-type: none"> • 6.4.2 • 6.4.3 • 6.4.4 • 6.4.5 • 6.4.6
Description: The alarm is raised when more than one type of VLAN service is configured with the same VLAN ID. The alarm is raised against an L2 access interface.		
Raising condition: ('vlanSubTypeConflict' EQUAL 'true')		
Clearing condition: ('vlanSubTypeConflict' EQUAL 'false')		
Remedial action: Ensure that only one type of VLAN Service is configured with the VLAN ID used by this Interface.		

Table 33-39 IgmpDown

Alarm	Attributes	Applicable major releases
Name: IgmpDown (158) Type: ProtocolAlarm (1) Package: igmp Raised on class: igmp.Site	Severity: critical Implicitly cleared: true Default probable cause: protocolDown (1)	<ul style="list-style-type: none"> • 6.4.2 • 6.4.3 • 6.4.4 • 6.4.5 • 6.4.6
Description: The alarm is raised when an IGMP site has an Operational State other than Up, and the Administrative State is Up.		
Raising condition: (('Administrative State' EQUAL 'Up') AND ('Operational State' NOT EQUAL 'Up'))		
Clearing condition: (('Operational State' EQUAL 'Up') OR ('Administrative State' NOT EQUAL 'Up'))		
Remedial action: While configured under VPRN, check if VPRN site is admin down, or if route distinguisher is not configured.		

Table 33-40 IgmP SnoopingDown

Alarm	Attributes	Applicable major releases
Name: IgmP SnoopingDown (161) Type: ProtocolAlarm (1) Package: layer2 Raised on class: layer2.Bridge	Severity: warning Implicitly cleared: true Default probable cause: protocolDown (1)	<ul style="list-style-type: none"> • 6.4.2 • 6.4.3 • 6.4.4 • 6.4.5 • 6.4.6
Description: The alarm is raised when IGMP snooping is disabled on an NE and a TLS VLAN or MVR VLAN service is provisioned on the NE.		
Raising condition: ('IGMP Snooping' EQUAL 'Disabled')		
Clearing condition: ('IGMP Snooping' EQUAL 'Enabled')		
Remedial action: To clear the alarm, enable IGMP Snooping under the Bridge Instance.		

Table 33-41 IncompleteConfiguration

Alarm	Attributes	Applicable major releases
Name: IncompleteConfiguration (1942) Type: operationalViolation (93) Package: netw Raised on class: netw.NetworkElement	Severity: warning Implicitly cleared: true Default probable cause: incompleteConfig (225)	<ul style="list-style-type: none"> • 6.4.2 • 6.4.3 • 6.4.4 • 6.4.5 • 6.4.6
Description: The alarm is raised when a pre-provisioned NE has no objects configured beneath it.		
Raising condition: (('State' EQUAL 'Pre-provisioned') AND ('eNodeB Equipment' EQUAL '\'))		
Clearing condition: (('State' EQUAL 'Pre-provisioned') AND ('eNodeB Equipment' NOT EQUAL '\'))		
Remedial action: A configuration error has been made which must be corrected. The configuration of the pre-provisioned NE is incomplete. A work order was not associated with the pre-provisioned NE and as a consequence the attempt to auto-configure the NE failed.		

Table 33-42 InterfaceDown (netw)

Alarm	Attributes	Applicable major releases
Name: InterfaceDown (36) Type: InterfaceAlarm (13) Package: netw Raised on class: netw.StatefullConnectableInterface	Severity: critical Implicitly cleared: true Default probable cause: interfaceDown (32)	<ul style="list-style-type: none"> • 6.4.2 • 6.4.3 • 6.4.4 • 6.4.5 • 6.4.6
Description: The alarm is raised when an interface or underlying resource fails, as indicated by an interface compositeState attribute value of failed or underlyingResourceFailed.		
Raising condition: (('compositeState' EQUAL 'Inoperable') OR ('compositeState' EQUAL 'Underlying Resource Inoperable'))		

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Alarm	Attributes	Applicable major releases
Clearing condition: (('compositeState' NOT EQUAL 'Inoperable') AND ('compositeState' NOT EQUAL 'Underlying Resource Inoperable'))		
Remedial action: A physical port (physical interface, LAG, channel) associated with the network interface in not operation. Ensure that the interface is cabled and that there is not a configuration error (i.e. MTU size set incorrectly) on the interface. Once the issue w		

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Table 33-43 IsisDown

Alarm	Attributes	Applicable major releases
Name: IsisDown (19) Type: ProtocolAlarm (1) Package: isis Raised on class: isis.Site	Severity: critical Implicitly cleared: true Default probable cause: protocolDown (1)	<ul style="list-style-type: none"> • 6.4.2 • 6.4.3 • 6.4.4 • 6.4.5 • 6.4.6
Description: The alarm is raised when an IS-IS site has an Operational State other than Up, and the Administrative State is Up.		
Raising condition: (('Administrative State' EQUAL 'Up') AND ('Operational State' NOT EQUAL 'Up'))		
Clearing condition: (('Operational State' EQUAL 'Up') OR ('Administrative State' NOT EQUAL 'Up'))		
Remedial action: The protocol is not working anymore, could be a problem with IP addresses, resources on the device, ...		

Table 33-44 LagDown

Alarm	Attributes	Applicable major releases
Name: LagDown (20) Type: equipmentAlarm (3) Package: lag Raised on class: lag.Interface	Severity: critical Implicitly cleared: true Default probable cause: lagDown (17)	<ul style="list-style-type: none"> • 6.4.2 • 6.4.3 • 6.4.4 • 6.4.5 • 6.4.6
Description: The alarm is raised when all ports in a LAG are operationally down.		
Raising condition: (('Administrative State' EQUAL 'Up') AND ('operationalState' NOT EQUAL 'Up'))		
Clearing condition: (('operationalState' EQUAL 'Up') OR ('Administrative State' NOT EQUAL 'Up'))		
Remedial action: This alarm indicates that all physical Ethernet links associated with a LAG are operationally down. The reasons for the links to be down may vary from link to link. The following possible causes of this alarm should be investigated. The physical port (near end or far end may have failed - this can be remedied by replacing the interface card in question. The physical links may have been turned down administratively - re-enable the links. A cable failure or disconnect may have occurred - please ensure that the cables are properly connected to the physical port and and that the cable has not been damaged.		

Table 33-45 LagPortAddFailed

Alarm	Attributes	Applicable major releases
Name: LagPortAddFailed (422) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.PhysicalPort	Severity: warning Implicitly cleared: true Default probable cause: linkDown (315)	<ul style="list-style-type: none"> • 6.4.2 • 6.4.3 • 6.4.4 • 6.4.5 • 6.4.6
Description: The alarm is raised when the Lag Port Add function Fails.		
Raising condition: (('state' EQUAL 'Link Down') AND ('LAG ID' > '0'))		
Clearing condition: (('state' NOT EQUAL 'Link Down') OR ('LAG ID' EQUAL '0'))		
Remedial action: A configuration error has occurred which must be corrected. The link that was to be added to the LAG group may be of the wrong type (i.e. non ethernet) or the limit of the number of links supported in a LAG may have been reached.		

Table 33-46 LicensedLimitExceeded

Alarm	Attributes	Applicable major releases
Name: LicensedLimitExceeded (127) Type: licensingAlarm (23) Package: security Raised on class: security.ProductLicense	Severity: critical Implicitly cleared: true Default probable cause: licensedLimitExceeded (106)	<ul style="list-style-type: none"> • 6.4.2 • 6.4.3 • 6.4.4 • 6.4.5 • 6.4.6
Description: The alarm is raised when the license items in the network exceeds 100 percent of the license capacity.		
Raising condition: ('Exceeded' EQUAL 'true')		
Clearing condition: ('Exceeded' NOT EQUAL 'true')		
Remedial action: Informational - The number of SAM licenses purchased and available on the SAM server is insufficient as compared to the number of NES/MDA/Cells under management in the network. Please contact Alcatel-Lucent Sales to purchase additional licenses.		

Table 33-47 LinkDown (equipment)

Alarm	Attributes	Applicable major releases
Name: LinkDown (12) Type: communicationsAlarm (4) Package: equipment Raised on class: equipment.Equipment	Severity: major Implicitly cleared: true Default probable cause: portLinkProblem (10)	<ul style="list-style-type: none"> • 6.4.2 • 6.4.3 • 6.4.4 • 6.4.5 • 6.4.6
Description: The alarm is raised when a port has no associated physical link or remote end point is operationally down.		
Raising condition: (('compositeEquipmentState' EQUAL 'Link Down') OR ('compositeEquipmentState' EQUAL 'Oper Down'))		
Clearing condition: (('compositeEquipmentState' NOT EQUAL 'Link Down') AND ('compositeEquipmentState' NOT EQUAL 'Oper Down'))		

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Alarm	Attributes	Applicable major releases
Remedial action: Please make sure that port has physical link and remote end point is operationally up.		

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Table 33-48 LowTemperatureDetected

Alarm	Attributes	Applicable major releases
Name: LowTemperatureDetected (1127) Type: environmentalAlarm (2) Package: equipment Raised on class: equipment.Shelf	Severity: major Implicitly cleared: true Default probable cause: equipmentOvercooled (838)	<ul style="list-style-type: none"> • 6.4.2 • 6.4.3 • 6.4.4 • 6.4.5 • 6.4.6
Description: The alarm is raised when the chassis temperature falls below the minimum threshold.		
Raising condition: ('Low Temperature State' EQUAL 'Low')		
Clearing condition: ('Low Temperature State' NOT EQUAL 'Low')		
Remedial action: The NE has detected internal temperatures which are abnormally low. This may happen when the environment that the NE is operating in may not be within specifications found in the NE user guides.		

Table 33-49 LowTemperatureThresholdCrossed

Alarm	Attributes	Applicable major releases
Name: LowTemperatureThresholdCrossed (1128) Type: environmentalAlarm (2) Package: equipment Raised on class: equipment.Environment	Severity: major Implicitly cleared: true Default probable cause: equipmentOvercooled (838)	<ul style="list-style-type: none"> • 6.4.2 • 6.4.3 • 6.4.4 • 6.4.5 • 6.4.6
Description: The alarm is raised when a low-temperature threshold is crossed.		
Raising condition: ('lowTemperatureThresholdCrossed' EQUAL 'true')		
Clearing condition: ('lowTemperatureThresholdCrossed' EQUAL 'false')		
Remedial action: The NE has detected internal temperatures which are abnormally high. This could be caused by a failed fan unit or one or more dirty fan filters. Replacing the failed unit or filters should resolve the problem. Alternately the environment that the NE is operating in may not be within specifications found in the NE user guides.		

Table 33-50 LpsViolation

Alarm	Attributes	Applicable major releases
Name: LpsViolation (518) Type: learnedPortSecurityAlarm (51) Package: lps Raised on class: lps.LearnedPortSecurity	Severity: major Implicitly cleared: true Default probable cause: learnedPortSecurityViolation (393)	<ul style="list-style-type: none"> • 6.4.2 • 6.4.3 • 6.4.4 • 6.4.5 • 6.4.6
Description: The alarm is raised when the 5620 SAM detects an LPS violation.		
Raising condition: ('Operational State' EQUAL 'Security Violated')		
Clearing condition: ('Operational State' EQUAL 'Down')		
Remedial action: Port reset is required to return the port to normal operation.		

Table 33-51 macMoveRateExceeded (service)

Alarm	Attributes	Applicable major releases
Name: macMoveRateExceeded (3690) Type: accessInterfaceAlarm (40) Package: service Raised on class: service.AccessInterface	Severity: minor Implicitly cleared: true Default probable cause: MacMoveRateExceeded (1429)	<ul style="list-style-type: none"> • 6.4.2 • 6.4.3 • 6.4.4 • 6.4.5 • 6.4.6
Description: The alarm is raised when the SAP exceeds the MAC Move Frequency of the service site.		
Raising condition: ('State Cause'anyBit'Relearn Limit Exceeded')		
Clearing condition: NOT (('State Cause'anyBit'Relearn Limit Exceeded'))		
Remedial action: Informational.		

Table 33-52 macMoveRateExceededNonBlock (service)

Alarm	Attributes	Applicable major releases
Name: macMoveRateExceededNonBlock (4893) Type: accessInterfaceAlarm (40) Package: service Raised on class: service.AccessInterface	Severity: info Implicitly cleared: true Default probable cause: MacMoveRateExceededNonBlock (1951)	<ul style="list-style-type: none"> • 6.4.2 • 6.4.3 • 6.4.4 • 6.4.5 • 6.4.6
Description: The alarm is raised when the SAP exceeds the MAC Move Frequency of the service site when limitMacMove(sapTIsLimitMacMove) is set to 'nonBlocking'.		
Raising condition: ('State Cause'anyBit'Relearn Limit Exceeded')		
Clearing condition: NOT (('State Cause'anyBit'Relearn Limit Exceeded'))		
Remedial action: Informational - User can adjust the value of 'MAC Move Maximum Rate' to reduce the frequency of this alarm.		

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Table 33-53 MepAISReceivedAlarm

Alarm	Attributes	Applicable major releases
Name: MepAISReceivedAlarm (2945) Type: oamAlarm (18) Package: ethernetToam Raised on class: ethernetToam.Mep	Severity: variable Implicitly cleared: true Default probable cause: missingRemoteMep (388)	<ul style="list-style-type: none"> • 6.4.2 • 6.4.3 • 6.4.4 • 6.4.5 • 6.4.6
Description: The alarm is raised when a MEP receives AIS test frames from one or more of its sub-layer MEPs.		
Raising condition: (('AIS Received (AisRx)' EQUAL 'true') AND ('Facility VLAN ID' EQUAL '0'))		
Clearing condition: ('AIS Received (AisRx)' EQUAL 'false')		
Remedial action: This alarm indicates that it has received a MEP fault from a sub-layer MEP, user should investigate the fault cause on the sub-layer MEP and resolve this root cause issue.		

Table 33-54 MobileConnectorDown

Alarm	Attributes	Applicable major releases
Name: MobileConnectorDown (1064) Type: EpcAlarm (59) Package: Iteservice Raised on class: Iteservice.MobileServiceConnector	Severity: minor Implicitly cleared: true Default probable cause: EpcDown (519)	<ul style="list-style-type: none"> • 6.4.2 • 6.4.3 • 6.4.4 • 6.4.5 • 6.4.6
Description: The alarm is raised when the 5620 SAM no longer manages the EPS path instance of this mobile service site. As a result, the service must be regenerated.		
Raising condition: ('EPS Path' EQUAL '\')		
Clearing condition: ('EPS Path' NOT EQUAL '\')		
Remedial action: The underlying transport network has gone down resulting in the deletion of a mobile service connector (EPS path). Correct the issue with the transport network and regenerate the mobile service connector by clicking on the re-calculate button on the mobile service properties form.		

Table 33-55 MvrSiteDown

Alarm	Attributes	Applicable major releases
Name: MvrSiteDown (162) Type: ProtocolAlarm (1) Package: layer2 Raised on class: layer2.MvrSite	Severity: warning Implicitly cleared: true Default probable cause: protocolDown (1)	<ul style="list-style-type: none"> • 6.4.2 • 6.4.3 • 6.4.4 • 6.4.5 • 6.4.6
Description: The alarm is raised when MVR is disabled on an NE and a TLS VLAN or MVR VLAN service is provisioned on the NE.		
Raising condition: ('MVR Admin Status' EQUAL 'Disabled')		
Clearing condition: ('MVR Admin Status' EQUAL 'Enabled')		

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Alarm	Attributes	Applicable major releases
Remedial action: To clear the alarm, enable MVR Admin Status under the Bridge Instance.		

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Table 33-56 NeighborDown

Alarm	Attributes	Applicable major releases
Name: NeighborDown (121) Type: NeighborDown (20) Package: ospf Raised on class: ospf.AbstractNeighbor	Severity: major Implicitly cleared: true Default probable cause: NeighborDown (103)	<ul style="list-style-type: none"> • 6.4.4 • 6.4.5 • 6.4.6
Description: The alarm is raised when an OSPF interface neighbor is operationally Down.		
Raising condition: ('Operational State' NOT EQUAL 'full')		
Clearing condition: ('Operational State' EQUAL 'full')		
Remedial action: This alarm is raised when the OSPF interface neighbor is operationally down. The situation may occur if the underlying physical interface is down either because of administrative disabling or a fault on the far end port or due to a cable connection or cable failure. This alarm will also be raised if the underlying transport network fails or is unreliable. Resolving the underlying instability in the transport network will correct this problem.		

Table 33-57 NeManagementAndTrapManagementMismatch

Alarm	Attributes	Applicable major releases
Name: NeManagementAndTrapManagementMismatch (1079) Type: communicationsAlarm (4) Package: netw Raised on class: netw.NetworkElement	Severity: warning Implicitly cleared: true Default probable cause: neManagementChange (817)	<ul style="list-style-type: none"> • 6.4.2 • 6.4.3 • 6.4.4 • 6.4.5 • 6.4.6
Description: This user-defined alarm is raised when the NE configuration is one of the following: - The Active Management IP is set to Out Of Band, and the Primary Route Preference is set to In Band. - The Active Management IP is set to In Band, and the Primary Route Preference is set to Out of Band.		
Raising condition: (((('Active Management IP' EQUAL 'In Band') AND (('Management IP Selection' EQUAL 'In Band Preferred') OR ('Management IP Selection' EQUAL 'In Band Only'))) AND ('Primary Route Preference' EQUAL 'Out Of Band') AND ('Secondary Route Preference' EQUAL 'In Band')) OR (('Active Management IP' EQUAL 'Out Of Band') AND (('Management IP Selection' EQUAL 'Out Of Band Preferred') OR ('Management IP Selection' EQUAL 'Out Of Band Only'))) AND ('Primary Route Preference' EQUAL 'In Band') AND ('Secondary Route Preference' EQUAL 'Out Of Band'))		
Clearing condition: (((('Active Management IP' EQUAL 'In Band') AND (('Management IP Selection' EQUAL 'In Band Preferred') OR ('Management IP Selection' EQUAL 'In Band Only'))) AND ('Primary Route Preference' EQUAL 'In Band')) OR (('Active Management IP' EQUAL 'Out Of Band') AND (('Management IP Selection' EQUAL 'Out Of Band Preferred') OR ('Management IP Selection' EQUAL 'Out Of Band Only'))) AND ('Primary Route Preference' EQUAL 'Out Of Band'))		
Remedial action: A configuration error has been made which must be corrected. The parameters described in the description for this alarm must match.		

Table 33-58 NewSsh2ServerKeyDetected

Alarm	Attributes	Applicable major releases
Name: NewSsh2ServerKeyDetected (285) Type: communicationsAlarm (4) Package: security Raised on class: security.KnownHostKey	Severity: warning Implicitly cleared: true Default probable cause: ssh2ServerKeyMismatch (217)	<ul style="list-style-type: none"> • 6.4.2 • 6.4.3 • 6.4.4 • 6.4.5 • 6.4.6
Description: The alarm is raised when a 5620 SAM main server detects a new public SSH key.		
Raising condition: ('SSH2 Server Key Status' EQUAL 'Mismatch SSH2 Host Key')		
Clearing condition: ('SSH2 Server Key Status' EQUAL 'Active SSH2 Host Key')		
Remedial action: Informational - possible security breach. The SSH key of the router is different from the one known to the SAM server.		

Table 33-59 NodeDatabaseFallbackDetected

Alarm	Attributes	Applicable major releases
Name: NodeDatabaseFallbackDetected (2923) Type: communicationsAlarm (4) Package: netw Raised on class: netw.NetworkElement	Severity: major Implicitly cleared: true Default probable cause: nodeDatabaseFallback (1121)	<ul style="list-style-type: none"> • 6.4.2 • 6.4.3 • 6.4.4 • 6.4.5 • 6.4.6
Description: The alarm is raised when a configuration fallback is detected on the node and comes back up with a previous configuration. To correct this situation it might be necessary to reconfigure the node, or perform full resync its database with the 'fallback' configuration returned by the node.		
Raising condition: ('State' EQUAL 'Node Configuration Fallback')		
Clearing condition: ('State' EQUAL 'Managed')		
Remedial action: the NE has come back to a previous configuration. Perform a manual Full Resync or a Reconfigure of the NE		

Table 33-60 NodeDatabaseMisalignmentDetected

Alarm	Attributes	Applicable major releases
Name: NodeDatabaseMisalignmentDetected (2924) Type: communicationsAlarm (4) Package: netw Raised on class: netw.NetworkElement	Severity: major Implicitly cleared: true Default probable cause: nodeDatabaseMisalignment (1122)	<ul style="list-style-type: none"> • 6.4.2 • 6.4.3 • 6.4.4 • 6.4.5 • 6.4.6
Description: The alarm is raised when a configuration misalignment has been detected on the node and comes back up with an unexpected configuration (configuration change triggered by external tool) To correct this situation it might be necessary to reconfigure the node with the 5620 SAM's old configuration or accept the new configuration received from the node.		
Raising condition: ('State' EQUAL 'Node Configuration Misalignment')		

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Alarm	Attributes	Applicable major releases
Clearing condition: ('State' EQUAL 'Managed')		
Remedial action: the NE configuration is misaligned. Perform a resync in order to update SAM configuration according to the NE.		

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Table 33-61 NodeSuspended

Alarm	Attributes	Applicable major releases
Name: NodeSuspended (5123) Type: communicationsAlarm (4) Package: netw Raised on class: netw.NetworkElement	Severity: critical Implicitly cleared: true Default probable cause: NodeSuspend (2057)	<ul style="list-style-type: none"> • 6.4.2 • 6.4.3 • 6.4.4 • 6.4.5 • 6.4.6
Description: The alarm is raised when the 5620 SAM detects an NE moved to suspend state as per user request.		
Raising condition: ('SNMP Reachability' EQUAL 'Suspended')		
Clearing condition: ('SNMP Reachability' NOT EQUAL 'Suspended')		
Remedial action: This alarm is raised when user suspends the network element. The alarm will be cleared when the network element is managed back.		

Table 33-62 OrphanNodeDetected

Alarm	Attributes	Applicable major releases
Name: OrphanNodeDetected (4866) Type: discoveryControlAlarm (33) Package: netw Raised on class: netw.AdvertisedNode	Severity: major Implicitly cleared: true Default probable cause: nodeNotMangedByAnyEms (1934)	<ul style="list-style-type: none"> • 6.4.2 • 6.4.3 • 6.4.4 • 6.4.5 • 6.4.6
Description: The alarm is raised when node is node managed by any EMS after n retries(threshold crossed) it is manually cleared by the operator or when the node is discovered.		
Raising condition: ('State' EQUAL 'Orphan')		
Remedial action: The NE is not managed by any SAM. Add an discovery rule in order to managed it.		

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Table 33-63 OspfInterfaceDown

Alarm	Attributes	Applicable major releases
Name: OspfInterfaceDown (141) Type: OspfInterfaceDown (24) Package: ospf Raised on class: ospf.Interface	Severity: warning Implicitly cleared: true Default probable cause: OspfInterfaceDown (112)	<ul style="list-style-type: none"> • 6.4.4 • 6.4.5 • 6.4.6
Description: The alarm is raised when an OSPF interface is operationally down.		
Raising condition: ('operationalState' EQUAL 'Down')		
Clearing condition: ('operationalState' NOT EQUAL 'Down')		
Remedial action: This alarm is raised when the OSPF interface is operationally down. The situation may occur if the underlying physical interface is down either because of administrative disabling or a fault on the far end port or due to a cable connection or cable failure. This alarm will also be raised if the underlying transport network fails or is unreliable. Resolving the underlying instability in the transport network will correct this problem.		

Table 33-64 OverTemperatureDetected

Alarm	Attributes	Applicable major releases
Name: OverTemperatureDetected (388) Type: environmentalAlarm (2) Package: equipment Raised on class: equipment.Shelf	Severity: major Implicitly cleared: true Default probable cause: equipmentOverheated (5)	<ul style="list-style-type: none"> • 6.4.2 • 6.4.3 • 6.4.4 • 6.4.5 • 6.4.6
Description: The alarm is raised when the chassis temperature exceeds the maximum threshold value.		
Raising condition: ('Over Temperature State' EQUAL 'Over')		
Clearing condition: ('Over Temperature State' NOT EQUAL 'Over')		
Remedial action: The NE has detected internal temperatures which are abnormally high. This could be caused by a failed fan unit or one or more dirty fan filters. Replacing the failed unit or filters should resolve the problem. Alternately the environment that the NE is operating in may not be within specifications found in the NE user guides.		

Table 33-65 PartialResyncProblem

Alarm	Attributes	Applicable major releases
Name: PartialResyncProblem (4401) Type: communicationsAlarm (4) Package: netw Raised on class: netw.NetworkElement	Severity: warning Implicitly cleared: true Default probable cause: partialResyncProblem (1578)	<ul style="list-style-type: none"> • 6.4.2 • 6.4.3 • 6.4.4 • 6.4.5 • 6.4.6
Description: The alarm is raised when a partial resync on an NE fails. For example, when resyncing only some MIB entries as opposed to a full resync. The periodic reachability test (sysUpTime) is not considered a partial resync, neither is a full resync. However, a PartialResyncProblem alarm can only be reset by a FullResync.		

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Alarm	Attributes	Applicable major releases
Raising condition: (partialResyncStatus' EQUAL 'Partial Resync Failed')		
Clearing condition: (partialResyncStatus' EQUAL 'Partial Resync Done')		
Remedial action: Informational - if the alarm persists or is occurring frequently then investigation is required to understand a) why the underlying transport network is unreliable or b) why the NE is too busy to respond to 5620 SAM or c) has SNMP been disabled on the NE.		

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Table 33-66 PersistentIndexParametersMisconfigured

Alarm	Attributes	Applicable major releases
Name: PersistentIndexParametersMisconfigured (173) Type: configurationAlarm (11) Package: netw Raised on class: netw.NetworkElement	Severity: major Implicitly cleared: true Default probable cause: persistentIndexConfigurationMismatch (136)	<ul style="list-style-type: none"> • 6.4.2 • 6.4.3 • 6.4.4 • 6.4.5 • 6.4.6
Description: The alarm is raised when persistence is set to Off in the NE BOF.		
Raising condition: (('Persistent SNMP Indices' EQUAL 'False') OR (('hasRedundantProcessorCards' EQUAL 'true') AND ('Redundant Synchronization Mode' EQUAL 'None')))		
Clearing condition: (('Persistent SNMP Indices' EQUAL 'True') AND (('hasRedundantProcessorCards' EQUAL 'false') OR ('Redundant Synchronization Mode' NOT EQUAL 'None')))		
Remedial action: A configuration error has occurred that must be corrected. Use the CLI on the NE to enable persistency in the BOF. The discovery process will complete on the next discovery scan. A re-scan can be triggered immediately for the NE from within the discovery manager		

Table 33-67 PimDown

Alarm	Attributes	Applicable major releases
Name: PimDown (184) Type: ProtocolAlarm (1) Package: pim Raised on class: pim.Site	Severity: critical Implicitly cleared: true Default probable cause: protocolDown (1)	<ul style="list-style-type: none"> • 6.4.2 • 6.4.3 • 6.4.4 • 6.4.5 • 6.4.6
Description: The alarm is raised when a PIM site is administratively Up but operationally Down. The alarm is cleared when the PIM site becomes operationally Up but administratively Down.		
Raising condition: (('Administrative State' EQUAL 'Up') AND ('Operational State' NOT EQUAL 'Up'))		
Clearing condition: (('Operational State' EQUAL 'Up') OR ('Administrative State' NOT EQUAL 'Up'))		
Remedial action: This should never happen. Contact Alcatel-Lucent Customer Support for assistance.		

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Table 33-68 PollerProblem

Alarm	Attributes	Applicable major releases
Name: PollerProblem (31) Type: communicationsAlarm (4) Package: netw Raised on class: netw.NetworkElement	Severity: warning Implicitly cleared: true Default probable cause: resyncFailed (24)	<ul style="list-style-type: none"> • 6.4.2 • 6.4.3 • 6.4.4 • 6.4.5 • 6.4.6
Description: The alarm is raised when the 5620 SAM is unable to poll a network object, for example, because of intermittent or no IP connectivity to an NE, incorrect SNMP security parameters, or disabled SNMP on the NE.		
Raising condition: ('Resync Status' EQUAL 'Full Resync Failed')		
Clearing condition: ('Resync Status' EQUAL 'Full Resync Done')		
Remedial action: Informational - if the alarm persists or is occurring frequently then investigation is required to understand a) why the underlying transport network is unreliable or b) why the NE is too busy to respond to 5620 SAM or c) has SNMP been disabled on the NE. Once the issue has been resolved SAM will automatically re-attempt.		

Table 33-69 PortEtherSymMonSDAlarm

Alarm	Attributes	Applicable major releases
Name: PortEtherSymMonSDAlarm (5662) Type: communicationsAlarm (4) Package: ethernetequipment Raised on class: ethernetequipment.EthernetPortSpecifics	Severity: major Implicitly cleared: true Default probable cause: etherPortSymMonSDThresholdExceededAlarm (2439)	<ul style="list-style-type: none"> • 6.4.2 • 6.4.3 • 6.4.4 • 6.4.5 • 6.4.6
Description: The alarm is raised when an Ethernet port Symbol Monitor Failure alarm condition is detected (Signal Degradation Threshold exceeded).		
Raising condition: ('Symbol Alarm Reason' EQUAL 'SD Threshold Exceeded')		
Clearing condition: ('Symbol Alarm Reason' NOT EQUAL 'SD Threshold Exceeded')		
Remedial action: Symbol monitor signal degradation alarm could be cleared by changing/disabling the associated threshold/multiplier values or it is self clearing and will clear once the error rate drops below 1/10th of the configured rate.		

Table 33-70 PortEtherSymMonSFAlarm

Alarm	Attributes	Applicable major releases
Name: PortEtherSymMonSFAlarm (5663) Type: communicationsAlarm (4) Package: ethernetequipment Raised on class: ethernetequipment.EthernetPortSpecifics	Severity: major Implicitly cleared: true Default probable cause: etherPortSymMonSFThresholdExceededAlarm (2440)	<ul style="list-style-type: none"> • 6.4.2 • 6.4.3 • 6.4.4 • 6.4.5 • 6.4.6
Description: The alarm is raised when an Ethernet port Symbol Monitor Failure alarm condition is detected (Signal Failure Threshold exceeded).		

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Alarm	Attributes	Applicable major releases
Raising condition: ('Symbol Alarm Reason' EQUAL 'SF Threshold Exceeded')		
Clearing condition: ('Symbol Alarm Reason' NOT EQUAL 'SF Threshold Exceeded')		
Remedial action: Symbol monitor signal failure alarm could be cleared by changing/disabling the associated threshold/multiplier values or by taking the port out of service (eg. shutdown, card/mda reset, physical link loss).		

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Table 33-71 PowerSupplyFailure

Alarm	Attributes	Applicable major releases
Name: PowerSupplyFailure (633) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.PowerSupplyTray	Severity: critical Implicitly cleared: true Default probable cause: powerSupplyFailure (117)	<ul style="list-style-type: none"> • 6.4.2 • 6.4.3 • 6.4.4 • 6.4.5 • 6.4.6
Description: The alarm is raised when a power-supply tray reports a failure. When the alarm is raised during device discovery, a power-supply tray may be out of service. When the alarm is raised while the device is in the managed state, a power-supply tray may be out of service or the AC power shelf has a fault condition. The alarm clears when the status changes to OK.		
Raising condition: (('Power Supply 1 Status' EQUAL 'Not Equipped') OR ('Power Supply 1 Status' EQUAL 'Failed'))		
Clearing condition: (('Power Supply 1 Status' EQUAL 'OK'))		
Remedial action: Ensure that the NE is properly connected to power. If the problem persists please contact Alcatel-Lucent support for assistance.		

Table 33-72 PowerSupplyInputFeedDown

Alarm	Attributes	Applicable major releases
Name: PowerSupplyInputFeedDown (5422) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.PowerSupplyTray	Severity: minor Implicitly cleared: true Default probable cause: powerSupplyInputFeedDown (2073)	<ul style="list-style-type: none"> • 6.4.2 • 6.4.3 • 6.4.4 • 6.4.5 • 6.4.6
Description: This alarm is generated if any one of the input feeds for a given power supply is not supplying power.		
Raising condition: (('inputFeedStatus' EQUAL 'Input A Down') OR ('inputFeedStatus' EQUAL 'Input B Down') OR (('inputFeedStatus'allBits'Input A Down') AND ('inputFeedStatus'allBits'Input B Down'))		
Clearing condition: ('inputFeedStatus' EQUAL 'None')		
Remedial action: Restore all of the input feeds that are not supplying power.		

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Table 33-73 PowerSupplyRemoved

Alarm	Attributes	Applicable major releases
Name: PowerSupplyRemoved (542) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.PowerSupplyTray	Severity: major Implicitly cleared: true Default probable cause: PowerSupplyRemoved (415)	<ul style="list-style-type: none"> • 6.4.2 • 6.4.3 • 6.4.4 • 6.4.5 • 6.4.6
Description: The alarm is raised when a chassis power supply is removed.		
Raising condition: ('Power Supply 1 Status' EQUAL 'Not Equipped')		
Clearing condition: ('Power Supply 1 Status' NOT EQUAL 'Not Equipped')		
Remedial action: To recover from this event, the customer is requested to add a new power supply to the system, or change a faulty power supply with a working one.		

Table 33-74 PrimaryImageBootFailure

Alarm	Attributes	Applicable major releases
Name: PrimaryImageBootFailure (191) Type: configurationAlarm (11) Package: sw Raised on class: sw.CardSoftware	Severity: warning Implicitly cleared: true Default probable cause: bootOptionFileMisconfigured (150)	<ul style="list-style-type: none"> • 6.4.2 • 6.4.3 • 6.4.4 • 6.4.5 • 6.4.6
Description: The alarm is raised when the primary software image specified in an NE BOF is unusable.		
Raising condition: (('imageSource' NOT EQUAL 'Primary') AND ('imageSource' NOT EQUAL 'Unknown'))		
Clearing condition: (('imageSource' EQUAL 'Primary') OR ('imageSource' EQUAL 'Unknown'))		
Remedial action: The SW image on the NE may have been inadvertently corrupted. Download a new copy of the SW image to the NE. If the problem persists contact Alcatel-Lucent support for assistance.		

Table 33-75 RadiusOperStatusDown

Alarm	Attributes	Applicable major releases
Name: RadiusOperStatusDown (3692) Type: radiusOperStatusDownAlarm (105) Package: netw Raised on class: netw.NetworkElement	Severity: critical Implicitly cleared: true Default probable cause: radiusOperationStatusDown (1431)	<ul style="list-style-type: none"> • 6.4.2 • 6.4.3 • 6.4.4 • 6.4.5 • 6.4.6
Description: The alarm is raised when all RADIUS servers have gone down.		
Raising condition: ('Global RADIUS Operational State' EQUAL 'Down')		
Clearing condition: ('Global RADIUS Operational State' EQUAL 'Up')		

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Alarm	Attributes	Applicable major releases
Remedial action: Verify the RADIUS server is properly configured and radius server state is up. Check the connectivity between SAM server and radius server configured on the Network element.		

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Table 33-76 ReachabilityProblem

Alarm	Attributes	Applicable major releases
Name: ReachabilityProblem (243) Type: communicationsAlarm (4) Package: netw Raised on class: netw.NetworkElement	Severity: major Implicitly cleared: true Default probable cause: ReachabilityTestFailed (176)	<ul style="list-style-type: none"> • 6.4.2 • 6.4.3 • 6.4.4 • 6.4.5 • 6.4.6
Description: The alarm is raised when a mediation poll of the SysUpTimeAlarm object on an NE fails, for example, because of network congestion or because the NE is too busy to respond. The probable cause is an unreachable NE Mediation agent on the NE. The polling interval depends on the NE type and is configurable in nms-server.xml. By default, the 5620 SAM polls a managed NE every four minutes. If a poll fails, the alarm is raised. The alarm clears when the 5620 SAM receives a response from the NE, and the 5620 SAM GUI icon that represents the NE turns from red to green.		
Raising condition: ('SNMP Reachability' EQUAL 'Down')		
Remedial action: Informational - if the alarm persists or is occurring frequently then investigation is required to understand a) why the underlying transport network is unreliable or b) why the NE is too busy to respond to 5620 SAM or c) has SNMP been disabled on the NE. Once the issue has been resolved SAM will automatically re-attempt.		

Table 33-77 ReconfigFailure

Alarm	Attributes	Applicable major releases
Name: ReconfigFailure (1949) Type: communicationsAlarm (4) Package: netw Raised on class: netw.NetworkElement	Severity: critical Implicitly cleared: true Default probable cause: failedReconfig (937)	<ul style="list-style-type: none"> • 6.4.2 • 6.4.3 • 6.4.4 • 6.4.5 • 6.4.6
Description: This alarm is raised when the reconfig action failed.		
Raising condition: ('State' EQUAL 'Failed')		
Clearing condition: ('State' NOT EQUAL 'Failed')		
Remedial action: Verify that the object is configured as expected.		

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Table 33-78 RedundantMepMisconfiguration

Alarm	Attributes	Applicable major releases
Name: RedundantMepMisconfiguration (3631) Type: oamAlarm (18) Package: ethernetToam Raised on class: ethernetToam.Mep	Severity: minor Implicitly cleared: true Default probable cause: misconfiguredRedundantMep (1416)	<ul style="list-style-type: none"> • 6.4.2 • 6.4.3 • 6.4.4 • 6.4.5 • 6.4.6
Description: The alarm is raised when an Active and Redundant MEP do not have the same ID, Operational MAC Address or Sub Group configured.		
Raising condition: ('validRedundantMepConfig' EQUAL 'false')		
Clearing condition: ('validRedundantMepConfig' EQUAL 'true')		
Remedial action: MC-LAG redundant MEP configuration (MEP ID or Mac Address) for Active & Standby Interfaces do not match, this could cause issues with CFM or CCM tests if Active interface changes. Delete and Re-create Standby MEP to match Active.		

Table 33-79 RedundantMepMissing

Alarm	Attributes	Applicable major releases
Name: RedundantMepMissing (3632) Type: oamAlarm (18) Package: ethernetToam Raised on class: ethernetToam.Mep	Severity: minor Implicitly cleared: true Default probable cause: missingRedundantMep (1417)	<ul style="list-style-type: none"> • 6.4.2 • 6.4.3 • 6.4.4 • 6.4.5 • 6.4.6
Description: The alarm is raised when a MEP misses a redundant counterpart on LAG or SAP.		
Raising condition: (('MC-LAG Inactive' NOT EQUAL 'Not Applicable') AND ('Redundant MEP' EQUAL '\'))		
Clearing condition: (('MC-LAG Inactive' EQUAL 'Not Applicable') OR (('MC-LAG Inactive' NOT EQUAL 'Not Applicable') AND ('Redundant MEP' NOT EQUAL '\')))		
Remedial action: MC-LAG redundant MEP is missing Active & Standby Interfaces, this will cause issues with CFM or CCM tests if Active interface changes. Create missing Active/Standby MEP to match existing.		

Table 33-80 RemoteMepCCMAAlarm

Alarm	Attributes	Applicable major releases
Name: RemoteMepCCMAAlarm (502) Type: oamAlarm (18) Package: ethernetToam Raised on class: ethernetToam.Mep	Severity: major Implicitly cleared: true Default probable cause: missingRemoteMep (388)	<ul style="list-style-type: none"> • 6.4.2 • 6.4.3 • 6.4.4 • 6.4.5 • 6.4.6
Description: The alarm is raised when a MEP loses connectivity with one or more remote MEPs. The Remote MEP DB State tab on a MEP lists the missing remote MEPs.		
Raising condition: ('High-Priority Defect' NOT EQUAL '0')		

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Alarm	Attributes	Applicable major releases
Clearing condition: ('High-Priority Defect' EQUAL '0')		
Remedial action: MEP has lost communication with Remote MEP defined in Maintenance Association (MEG) Remote MEP list, Either Remote MEP list is incorrect or diagnose connection fault and resolve.		

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Table 33-81 RipDown

Alarm	Attributes	Applicable major releases
Name: RipDown (72) Type: ProtocolAlarm (1) Package: rip Raised on class: rip.Site	Severity: critical Implicitly cleared: true Default probable cause: protocolDown (1)	<ul style="list-style-type: none"> • 6.4.2 • 6.4.3 • 6.4.4 • 6.4.5 • 6.4.6
Description: The alarm is raised when a RIP site has an Operational State other than Up, and the Administrative State is Up.		
Raising condition: (('Administrative State' EQUAL 'Up') AND ('Operational State' NOT EQUAL 'Up'))		
Clearing condition: (('Operational State' EQUAL 'Up') OR ('Administrative State' NOT EQUAL 'Up'))		
Remedial action: The RIP Site is down while it is administratively up. Please check the node e.g, IOM is not shutdown or installed.		

Table 33-82 SaveConfigFailed

Alarm	Attributes	Applicable major releases
Name: SaveConfigFailed (105) Type: configurationAlarm (11) Package: sw Raised on class: sw.BackupRestoreManager	Severity: major Implicitly cleared: true Default probable cause: fileAccessError (90)	<ul style="list-style-type: none"> • 6.4.2 • 6.4.3 • 6.4.4 • 6.4.5 • 6.4.6
Description: The alarm is raised when the admin save command on an NE fails.		
Raising condition: ('Config Save State' EQUAL 'Failure')		
Clearing condition: ('Config Save State' EQUAL 'Success')		
Remedial action: Attempt the admin save command a second time. If the problem persists please contact Alcatel-Lucent support for assistance.		

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Table 33-83 ScheduledPollerProblem

Alarm	Attributes	Applicable major releases
Name: ScheduledPollerProblem (4386) Type: communicationsAlarm (4) Package: netw Raised on class: netw.NetworkElement	Severity: warning Implicitly cleared: true Default probable cause: scheduledResyncFailed (1569)	<ul style="list-style-type: none"> • 6.4.2 • 6.4.3 • 6.4.4 • 6.4.5 • 6.4.6
Description: The alarm is raised when the 5620 SAM is unable to poll a network object, for example, because of intermittent or no IP connectivity to an NE, incorrect SNMP security parameters, or disabled SNMP on the NE.		
Raising condition: ('Scheduled Resync Status' EQUAL 'Scheduled Resync Failed')		
Clearing condition: ('Scheduled Resync Status' EQUAL 'Scheduled Resync Done')		
Remedial action: Informational - if the alarm persists or is occurring frequently then investigation is required to understand a) why the underlying transport network is unreliable or b) why the NE is too busy to respond to 5620 SAM or c) has SNMP been disabled on the NE. Once the issue has been resolved SAM will automatically re-attempt.		

Table 33-84 ServiceSiteDown

Alarm	Attributes	Applicable major releases
Name: ServiceSiteDown (97) Type: serviceAlarm (16) Package: service Raised on class: service.Site	Severity: critical Implicitly cleared: true Default probable cause: siteDown (83)	<ul style="list-style-type: none"> • 6.4.2 • 6.4.3 • 6.4.4 • 6.4.5 • 6.4.6
Description: The alarm is raised when all SAPs on a site are operationally down, or when the service tunnels for the site are operationally down.		
Raising condition: (('Operational State' NOT EQUAL 'Up') AND ('State Cause' NOT EQUAL 'All Spoke SDP Bindings are Standby'))		
Clearing condition: (('Operational State' EQUAL 'Up') OR ('State Cause' EQUAL 'All Spoke SDP Bindings are Standby'))		
Remedial action: The network resources (i.e. physical ports for SAPs, or physical ports/LSP) associated with the service site should be examined to determine if/why they are operationally down. The underlying transport network supporting the site may also be unreliable.		

Table 33-85 SiteManagementVlanConflict

Alarm	Attributes	Applicable major releases
Name: SiteManagementVlanConflict (223) Type: configurationAlarm (11) Package: vlan Raised on class: vlan.Site	Severity: warning Implicitly cleared: true Default probable cause: topologyMisconfigured (81)	<ul style="list-style-type: none"> • 6.4.2 • 6.4.3 • 6.4.4 • 6.4.5 • 6.4.6
Description: The alarm is raised when the management VLAN ID is used for another type of service.		
Raising condition: ('managementVlanConflict' EQUAL 'true')		

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Alarm	Attributes	Applicable major releases
Clearing condition: ('managementVlanConflict' EQUAL 'false')		
Remedial action: Ensure that the VLAN ID of this Management Service Site is not used on any other type of VLAN Service Site.		

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Table 33-86 SiteVlanSubTypeConflict

Alarm	Attributes	Applicable major releases
Name: SiteVlanSubTypeConflict (224) Type: configurationAlarm (11) Package: vlan Raised on class: vlan.Site	Severity: major Implicitly cleared: true Default probable cause: topologyMisconfigured (81)	<ul style="list-style-type: none"> • 6.4.2 • 6.4.3 • 6.4.4 • 6.4.5 • 6.4.6
Description: The alarm is raised when more than one type of VLAN service has the same VLAN ID. The alarm is raised against a site.		
Raising condition: ('vlanSubTypeConflict' EQUAL 'true')		
Clearing condition: ('vlanSubTypeConflict' EQUAL 'false')		
Remedial action: Ensure that only one type of VLAN Service is configured with the VLAN ID used by this Site.		

Table 33-87 StatsRetrieveFailed

Alarm	Attributes	Applicable major releases
Name: StatsRetrieveFailed (244) Type: configurationAlarm (11) Package: sw Raised on class: sw.AccountingStatsRetrievalManager	Severity: major Implicitly cleared: false Default probable cause: fileTransferFailure (89)	<ul style="list-style-type: none"> • 6.4.2 • 6.4.3 • 6.4.4 • 6.4.5 • 6.4.6
Description: The alarm is raised when the 5620 SAM main or auxiliary server cannot transfer an accounting file from an NE.		
Raising condition: (('Stats Retrieval State' NOT EQUAL 'Success') AND ('Stats Retrieval State' NOT EQUAL 'Not Attempted'))		
Remedial action: Informational - if the alarm persists or is occurring frequently then investigation is required to understand a) why the underlying transport network is unreliable or b) why the NE is too busy or otherwise cannot respond to the 5620 SAM main or auxiliary server.		

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Table 33-88 SubscriberSystemNextHopUsageHigh

Alarm	Attributes	Applicable major releases
Name: SubscriberSystemNextHopUsageHigh (5157) Type: thresholdCrossed (6) Package: netw Raised on class: netw.NetworkElement	Severity: minor Implicitly cleared: true Default probable cause: resourceFull (53)	<ul style="list-style-type: none"> • 6.4.2 • 6.4.3 • 6.4.4 • 6.4.5 • 6.4.6
Description: The alarm is raised when the IP next-hop usage by subscriber managed routes reaches its high watermark, cleared when it reaches its low watermark again; the watermarks are derived from the limit specified with the property subSysNextHopLimit.		
Raising condition: ('IP Next Hop Usage High' EQUAL 'true')		
Clearing condition: ('IP Next Hop Usage High' EQUAL 'false')		
Remedial action: The alarm is raised when the IP next-hop usage by subscriber managed routes reaches its high watermark, cleared when it reaches its low watermark again; the watermarks are derived from the limit specified with the property subSysNextHopLimit. There is no immediate effect, but when the usage actually hits the limit, new hosts will not get their managed routes.		

Table 33-89 SubSysChassMemoryUsageHi

Alarm	Attributes	Applicable major releases
Name: SubSysChassMemoryUsageHi (5656) Type: thresholdCrossed (6) Package: equipment Raised on class: equipment.Shelf	Severity: minor Implicitly cleared: true Default probable cause: resourceFull (53)	<ul style="list-style-type: none"> • 6.4.2 • 6.4.3 • 6.4.4 • 6.4.5 • 6.4.6
Description: This alarm is raised when the memory usage by subscriber management on this system or chassis reaches its high watermark ('true').		
Raising condition: ('Memory Usage High' EQUAL 'True')		
Clearing condition: (('Memory Usage High' EQUAL 'False') OR ('Memory Usage High' EQUAL 'unspecified'))		
Remedial action: The memory usage by subscriber management on this system has reached its high watermark. Please check your memory usage.		

Table 33-90 TemperatureThresholdCrossed

Alarm	Attributes	Applicable major releases
Name: TemperatureThresholdCrossed (7) Type: environmentalAlarm (2) Package: equipment Raised on class: equipment.Environment	Severity: major Implicitly cleared: true Default probable cause: equipmentOverheated (5)	<ul style="list-style-type: none"> • 6.4.2 • 6.4.3 • 6.4.4 • 6.4.5 • 6.4.6
Description: The alarm is raised when a temperature crosses a threshold.		

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Alarm	Attributes	Applicable major releases
Raising condition: ('temperatureThresholdCrossed' EQUAL 'true')		
Clearing condition: ('temperatureThresholdCrossed' EQUAL 'false')		
Remedial action: The NE has detected internal temperatures which are abnormally high. This could be caused by a failed fan unit or one or more dirty fan filters. Replacing the failed unit or filters should resolve the problem. Alternately the environment that the NE is operating in may not be within specifications found in the NE user guides.		

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Table 33-91 TlsSiteDown

Alarm	Attributes	Applicable major releases
Name: TlsSiteDown (163) Type: ProtocolAlarm (1) Package: layer2 Raised on class: layer2.TlsSite	Severity: warning Implicitly cleared: true Default probable cause: protocolDown (1)	<ul style="list-style-type: none"> • 6.4.2 • 6.4.3 • 6.4.4 • 6.4.5 • 6.4.6
Description: The alarm is raised when MVR is disabled on an NE and a TLS VLAN or MVR VLAN service is provisioned on the NE.		
Raising condition: ('TLS Admin Status' EQUAL 'Disabled')		
Clearing condition: ('TLS Admin Status' EQUAL 'Enabled')		
Remedial action: To clear the alarm, enable TLS Admin Status under the Bridge Instance.		

Table 33-92 TmnxEqPortEtherLoopDetected

Alarm	Attributes	Applicable major releases
Name: TmnxEqPortEtherLoopDetected (461) Type: portEtherLoopDetected (48) Package: ethernetequipment Raised on class: ethernetequipment.EthernetPortSpecifics	Severity: major Implicitly cleared: true Default probable cause: HighBer (238)	<ul style="list-style-type: none"> • 6.4.2 • 6.4.3 • 6.4.4 • 6.4.5 • 6.4.6
Description: The alarm is raised when a device detects a physical loop on an Ethernet port.		
Raising condition: (('Down When Looped Status' EQUAL 'Loop Detected'))		
Clearing condition: (('Down When Looped Status' EQUAL 'No Loop Detected'))		
Remedial action: An Ethernet port has been mis-cabled - please remove the loopback cable on the port.		

Table 33-93 TrapDestinationMisconfigured

Alarm	Attributes	Applicable major releases
Name: TrapDestinationMisconfigured (33) Type: configurationAlarm (11) Package: netw Raised on class: netw.NetworkElement	Severity: major Implicitly cleared: true Default probable cause: trapDestinationMisconfigured (26) Applicable probable causes: <ul style="list-style-type: none"> trapDestinationMisconfigured duplicateTrapLogId 	<ul style="list-style-type: none"> 6.4.2 6.4.3 6.4.4 6.4.5 6.4.6
Description: The alarm is raised when the 5620 SAM cannot be added to the NE's SNMP trap destinations.		
Raising condition: ('isTrapDestinationMisconfigured' EQUAL 'true')		
Clearing condition: ('isTrapDestinationMisconfigured' EQUAL 'false')		
Remedial action: A configuration error has been made which must be corrected. The SNMP trap destination on the NE must be configured to the IP address of the SAM server.		

Table 33-94 TrapReceivingFailure

Alarm	Attributes	Applicable major releases
Name: TrapReceivingFailure (1083) Type: communications (87) Package: netw Raised on class: netw.NetworkElement	Severity: major Implicitly cleared: false Default probable cause: trapsWillNotBeSent (822)	<ul style="list-style-type: none"> 6.4.2 6.4.3 6.4.4 6.4.5 6.4.6
Description: This user-defined alarm is raised when the NE is unable to send traps because the NE configuration is one of the following: - The Management IP Selection is set to Out Of Band Only, the Primary Route Preference is set to In Band, and the Secondary Route Preference is set to None. - The Management IP Selection is set to In Band Only, the Primary Route Preference is set to Out Of Band, and the Secondary Route Preference is set to None.		
Raising condition: (((('Active Management IP' EQUAL 'In Band') AND ('Management IP Selection' EQUAL 'In Band Only') AND ('Primary Route Preference' EQUAL 'Out Of Band') AND ('Secondary Route Preference' EQUAL 'None')) OR (('Active Management IP' EQUAL 'Out Of Band') AND ('Management IP Selection' EQUAL 'Out Of Band Only') AND ('Primary Route Preference' EQUAL 'In Band') AND ('Secondary Route Preference' EQUAL 'None')) OR (('Active Management IP' EQUAL 'Out Of Band') AND ('Management IP Selection' EQUAL 'In Band Preferred') AND ('Primary Route Preference' EQUAL 'In Band') AND ('Secondary Route Preference' EQUAL 'None')) OR (('Active Management IP' EQUAL 'In Band') AND ('Management IP Selection' EQUAL 'Out Of Band Preferred') AND ('Primary Route Preference' EQUAL 'Out Of Band') AND ('Secondary Route Preference' EQUAL 'None'))))		
Clearing condition: (((('Active Management IP' EQUAL 'In Band') AND ('Management IP Selection' EQUAL 'In Band Only') AND (('Primary Route Preference' EQUAL 'In Band') OR ('Secondary Route Preference' EQUAL 'In Band')) OR (('Active Management IP' EQUAL 'Out Of Band') AND ('Management IP Selection' EQUAL 'Out Of Band Only') AND (('Primary Route Preference' EQUAL 'Out Of Band') OR ('Secondary Route Preference' EQUAL 'Out Of Band')) OR (('Active Management IP' EQUAL 'Out Of Band') AND ('Management IP Selection' EQUAL 'In Band Preferred') AND (('Primary Route Preference' EQUAL 'Out Of Band') OR ('Secondary Route Preference' EQUAL 'Out Of Band')) OR (('Active Management IP' EQUAL 'In Band') AND ('Management IP Selection' EQUAL 'In Band Preferred') AND (('Primary Route Preference' EQUAL 'In Band') OR ('Secondary Route Preference' EQUAL 'In Band')) OR (('Active Management IP' EQUAL 'In Band') AND ('Management IP Selection' EQUAL 'Out Of Band Preferred') AND (('Primary Route Preference' EQUAL 'In Band') OR ('Secondary Route Preference' EQUAL 'In Band')) OR (('Active Management IP' EQUAL 'Out Of Band') AND ('Management IP Selection' EQUAL 'Out Of Band Preferred') AND (('Primary Route Preference' EQUAL 'Out Of Band') OR ('Secondary Route Preference' EQUAL 'Out Of Band'))))		
Remedial action: A configuration error has been made which must be corrected. The configuration error must be corrected per the discussion in the description for this alarm.		

Table 33-95 TrapRoutePreferenceRedundancyMissing

Alarm	Attributes	Applicable major releases
Name: TrapRoutePreferenceRedundancyMissing (1084) Type: communications (87) Package: netw Raised on class: netw.NetworkElement	Severity: warning Implicitly cleared: true Default probable cause: trapsRedundancyMissing (823)	<ul style="list-style-type: none"> • 6.4.2 • 6.4.3 • 6.4.4 • 6.4.5 • 6.4.6
Description: The user-defined alarm is raised when NE management redundancy is configured without trap route preference redundancy.		
Raising condition: (((('Management IP Selection' EQUAL 'In Band Preferred') AND ('Active Management IP' EQUAL 'In Band') AND ('Primary Route Preference' EQUAL 'In Band') AND ('Secondary Route Preference' EQUAL 'None')) OR (('Management IP Selection' EQUAL 'Out Of Band Preferred') AND ('Active Management IP' EQUAL 'Out Of Band') AND ('Primary Route Preference' EQUAL 'Out Of Band') AND ('Secondary Route Preference' EQUAL 'None'))))		
Clearing condition: (((('Management IP Selection' EQUAL 'In Band Preferred') AND ('Active Management IP' EQUAL 'In Band') AND ('Secondary Route Preference' NOT EQUAL 'None')) OR (('Management IP Selection' EQUAL 'Out Of Band Preferred') AND ('Active Management IP' EQUAL 'Out Of Band') AND ('Secondary Route Preference' NOT EQUAL 'None'))))		
Remedial action: A configuration error has been made which must be corrected. The IP address of the standby SAM server must be configured on the NE in question.		

Table 33-96 UnidentifiedNode

Alarm	Attributes	Applicable major releases
Name: UnidentifiedNode (1922) Type: communicationsAlarm (4) Package: netw Raised on class: netw.DiscoveredNode	Severity: major Implicitly cleared: true Default probable cause: unidentifiedNode (922)	<ul style="list-style-type: none"> • 6.4.2 • 6.4.3 • 6.4.4 • 6.4.5 • 6.4.6
Description: The alarm is raised when the node being discovered can not be properly identified.		
Raising condition: ('State' EQUAL 'Pending Identification')		
Clearing condition: ('State' NOT EQUAL 'Pending Identification')		
Remedial action: A configuration error has occurred that must be corrected. The eNodeB does not have a system name. The name can be configured by selecting the alarm, opening the associated properties form for the alarmed object and configuring the system name.		

Table 33-97 UnmanageFailed

Alarm	Attributes	Applicable major releases
Name: UnmanageFailed (300) Type: discoveryControlAlarm (33) Package: netw Raised on class: netw.NodeDiscoveryControl	Severity: warning Implicitly cleared: true Default probable cause: unableToDeleteNode (231)	<ul style="list-style-type: none"> • 6.4.2 • 6.4.3 • 6.4.4 • 6.4.5 • 6.4.6

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Alarm	Attributes	Applicable major releases
Description: The alarm is raised when an attempt to unmanage an NE fails.		
Raising condition: ('Site State' EQUAL 'Unmanage Failed')		
Clearing condition: ('Site State' NOT EQUAL 'Unmanage Failed')		
Remedial action: Informational - if the alarm persists please contact Alcatel-Lucent support for assistance		

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Table 33-98 UpgradedBuildVersionMismatch

Alarm	Attributes	Applicable major releases
Name: UpgradedBuildVersionMismatch (174) Type: configurationAlarm (11) Package: netw Raised on class: netw.NetworkElement	Severity: warning Implicitly cleared: true Default probable cause: upgradedImageNotBooted (137)	<ul style="list-style-type: none"> • 6.4.2 • 6.4.3 • 6.4.4 • 6.4.5 • 6.4.6
Description: The alarm is raised when the software version that an NE reports after a software upgrade does not match the version of the software used for the upgrade.		
Raising condition: ('upgradedBuildVersionMismatch' EQUAL 'true')		
Clearing condition: ('upgradedBuildVersionMismatch' EQUAL 'false')		
Remedial action: Informational - if the alarm persists please contact Alcatel-Lucent support for assistance		

Table 33-99 upgradedCardAlarm

Alarm	Attributes	Applicable major releases
Name: upgradedCardAlarm (255) Type: softwareAlarm (19) Package: equipment Raised on class: equipment.Card	Severity: warning Implicitly cleared: true Default probable cause: upgradedCard (194)	<ul style="list-style-type: none"> • 6.4.2 • 6.4.3 • 6.4.4 • 6.4.5 • 6.4.6
Description: The alarm is raised when the standby CPM is rebooted and operational after a software upgrade. A device resets an IOM automatically after 120 minutes if the IOM is not manually reset after a CPM upgrade.		
Raising condition: ('operationalState' EQUAL 'Upgrade')		
Clearing condition: ('operationalState' EQUAL 'Up')		
Remedial action: Informational - no corrective action required.		

Table 33-100 VersionConfigRestoreFailed

Alarm	Attributes	Applicable major releases
Name: VersionConfigRestoreFailed (536) Type: configurationAlarm (11) Package: sw Raised on class: sw.BackupRestoreManager	Severity: major Implicitly cleared: true Default probable cause: versionMismatch (405)	<ul style="list-style-type: none"> • 6.4.2 • 6.4.3 • 6.4.4 • 6.4.5 • 6.4.6
Description: The alarm is raised when the restore procedure on an NE fails because of a mismatch between the backup file set version and the NE software version.		
Raising condition: ('lastNmsVersionRestoreState' EQUAL 'Failure')		
Clearing condition: ('lastNmsVersionRestoreState' EQUAL 'Success')		
Remedial action: The backup files being restored do not match with the version of node software release. Download a new copy of the SW image to the NE. If the problem persists contact Alcatel-Lucent support for assistance.		

Table 33-101 VirtualLinkDown

Alarm	Attributes	Applicable major releases
Name: VirtualLinkDown (122) Type: VirtualLinkAlarm (21) Package: ospf Raised on class: ospf.VirtualLink	Severity: warning Implicitly cleared: true Default probable cause: VirtualLinkDown (104)	<ul style="list-style-type: none"> • 6.4.4 • 6.4.5 • 6.4.6
Description: The alarm is raised when a virtual link is Down.		
Raising condition: ('Operational State' EQUAL 'Down')		
Clearing condition: ('Operational State' NOT EQUAL 'Down')		
Remedial action: This alarm is raised when the OSPF virtual link is operationally down. The situation may occur if the underlying physical interface is down either because of administrative disabling or a fault on the far end port or due to a cable connection or cable failure. This alarm will also be raised if the underlying transport network fails or is unreliable. Resolving the underlying instability in the transport network will correct this problem.		

Table 33-102 VirtualNeighborDown

Alarm	Attributes	Applicable major releases
Name: VirtualNeighborDown (123) Type: VirtualNeighborDown (22) Package: ospf Raised on classes: <ul style="list-style-type: none"> • ospf.ShamLink • ospf.VirtualLink 	Severity: warning Implicitly cleared: true Default probable cause: VirtualNeighborDown (105)	<ul style="list-style-type: none"> • 6.4.4 • 6.4.5 • 6.4.6
Description: The alarm is raised when a neighbor virtual link is operationally down.		
Raising condition: ('neighborCount' EQUAL '0L')		

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Alarm	Attributes	Applicable major releases
Clearing condition: ('neighborCount' NOT EQUAL '0L')		
Remedial action: This alarm is raised when the OSPF neighbor virtual link is operationally down. The situation may occur if the underlying physical interface is down either because of administrative disabling or a fault on the far end port or due to a cable connection or cable failure. This alarm will also be raised if the underlying transport network fails or is unreliable. Resolving the underlying instability in the transport network will correct this problem.		

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Table 33-103 WrongCpaaSoftwareVersion

Alarm	Attributes	Applicable major releases
Name: WrongCpaaSoftwareVersion (791) Type: equipmentAlarm (3) Package: netw Raised on class: netw.NetworkElement	Severity: critical Implicitly cleared: true Default probable cause: wrongCpaaSoftwareVersion (559)	<ul style="list-style-type: none"> • 6.4.2 • 6.4.3 • 6.4.4 • 6.4.5 • 6.4.6
Description: The alarm is raised when the 7701 CPAA software is the wrong version and requires an upgrade.		
Raising condition: (('Software Version' EQUAL "\"TIMOS-B-3.0.Generic \") AND ('Chassis Type' EQUAL '7701 CPAA'))		
Clearing condition: (('Software Version' NOT EQUAL "\"TIMOS-B-3.0.Generic \") AND ('Chassis Type' EQUAL '7701 CPAA'))		
Remedial action: The SW version of the CPAA must be upgraded to the version compatible with CPAM version.		

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Note – Some alarms that the 5620 SAM can raise against this device may not be listed in this chapter. Associating alarms with specific NE types is an ongoing Alcatel-Lucent effort. If the 5620 SAM raises an alarm against this device type, and the alarm is not described in this chapter, see chapter 41 for information about the alarm.

Table 34-1 AccessInterfaceDown

Alarm	Attributes	Applicable major releases
Name: AccessInterfaceDown (249) Type: AccessInterfaceAlarm (32) Package: service Raised on class: service.AccessInterface	Severity: critical Implicitly cleared: true Default probable cause: interfaceDown (32)	<ul style="list-style-type: none"> • 6.4.3 • 6.4.4 • 6.4.5 • 6.4.6
Description: The alarm is raised when an L2 or L3 interface operational state is Down. The alarm is not raised against an L2 access interface that is associated with an MC ring or MC LAG in the standby state.		
Raising condition: (('Operational State' NOT EQUAL 'Up') AND ('State Cause' NOT EQUAL 'Standby For MC-Ring') AND ('State Cause' NOT EQUAL 'Standby For MC-Lag') AND ('State Cause' NOT EQUAL 'Standby For BGP Multi-homing'))		
Clearing condition: (('Operational State' EQUAL 'Up') OR ('State Cause' EQUAL 'Standby For MC-Ring') OR ('State Cause' EQUAL 'Standby For MC-Lag') OR ('State Cause' EQUAL 'Standby For BGP Multi-homing'))		
Remedial action: The condition exists because the physical interface is down either because it is administratively disabled, faulty or a cabling fault has occurred. Ensure that the interface is administratively up. Check for a poor cable connection to the port or for a faulty cable/fiber. If neither appears to be the problem run diagnostics on the port to determine if it is faulty.		

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Table 34-2 ActiveAbnormalCondition

Alarm	Attributes	Applicable major releases
Name: ActiveAbnormalCondition (3938) Type: activeAbnormalConditionAlarm (116) Package: netw Raised on class: netw.NetworkElement	Severity: major Implicitly cleared: true Default probable cause: ActiveAbnormalConditionState (1520)	<ul style="list-style-type: none"> • 6.4.3 • 6.4.4 • 6.4.5 • 6.4.6
Description: The alarm is an indication for abnormal condition on NE.		
Raising condition: ('abnormalCondition' EQUAL 'true')		
Clearing condition: ('abnormalCondition' EQUAL 'false')		
Remedial action: This alarm is raised when there is a abnormal state indication on NE.		

Table 34-3 AggregatedVFLPortDown

Alarm	Attributes	Applicable major releases
Name: AggregatedVFLPortDown (5436) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.Shelf	Severity: critical Implicitly cleared: true Default probable cause: connectivityIssue (2137)	<ul style="list-style-type: none"> • 6.4.3 • 6.4.4 • 6.4.5 • 6.4.6
Description: The alarm is generated when the aggregated virtual fabric link on the virtual chassis slot is down.		
Raising condition: (('Shelf Type' EQUAL '7850') AND ('Total Slots' EQUAL '4') AND ('Virtual Fabric Link State' NOT EQUAL 'Up'))		
Clearing condition: (('Shelf Type' EQUAL '7850') AND ('Total Slots' EQUAL '4') AND ('Virtual Fabric Link State' EQUAL 'Up'))		
Remedial action: The alarm is raised when the aggregated virtual fabric link on the virtual chassis is down. Please check the virtual fabric links for the virtual chassis setup.		

Table 34-4 AGWDiameterPeerDown

Alarm	Attributes	Applicable major releases
Name: AGWDiameterPeerDown (844) Type: EpcAlarm (59) Package: Ite Raised on class: Ite.AGWDiameterPeer	Severity: variable Implicitly cleared: true Default probable cause: EPSPeerDown (602)	<ul style="list-style-type: none"> • 6.4.3 • 6.4.4 • 6.4.5 • 6.4.6
Description: The alarm is raised when the path management state of a Diameter peer changes to a state other than Up.		
Raising condition: ('Path Diameter Management State' NOT EQUAL 'Active')		
Clearing condition: ('Path Diameter Management State' EQUAL 'Active')		
Remedial action: A Ga reference point (peer) is operationally down for one of the following reasons: the underlying IP or physical interface is down, the far end peer is down or the underlying transport between this NE and the peer NE is down. To resolve the issue ensure that the IP/physical interface is up, check that the far end peer is operational and check that the underlying transport network is up.		

Table 34-5 AreaTypeMismatch

Alarm	Attributes	Applicable major releases
Name: AreaTypeMismatch (38) Type: configurationAlarm (11) Package: ospf Raised on class: ospf.Area	Severity: warning Implicitly cleared: true Default probable cause: areaTypeMisconfigured (34)	<ul style="list-style-type: none"> • 6.4.4 • 6.4.5 • 6.4.6
Description: The alarm is raised when an OSPF area on one NE is configured as an NSSA and the same OSPF area on another NE is configured as a stub area.		
Raising condition: ('Type Mismatch' EQUAL 'true')		
Clearing condition: ('Type Mismatch' EQUAL 'false')		
Remedial action: A configuration error has been made which must be corrected. The OSPF area type configured for the NE does not match with the same OSPF area configured on another NE. Compare the configuration on the endpoint and correct the mismatch.		

Table 34-6 AuxiliaryServerStatus

Alarm	Attributes	Applicable major releases
Name: AuxiliaryServerStatus (311) Type: communicationsAlarm (4) Package: server Raised on class: server.AuxiliaryServer	Severity: critical Implicitly cleared: true Default probable cause: systemFailed (144)	<ul style="list-style-type: none"> • 6.4.3 • 6.4.4 • 6.4.5 • 6.4.6
Description: The alarm is raised when a 5620 SAM main server cannot communicate with an auxiliary server. The alarm clears when communication is restored.		
Raising condition: ('Server Status' EQUAL 'Down')		
Clearing condition: ('Server Status' EQUAL 'Up')		
Remedial action: Informational - if the alarm persists or is occurring frequently then investigation is required to understand why the connectivity between the AUX and SAM servers is unreliable.		

Table 34-7 BgpDown

Alarm	Attributes	Applicable major releases
Name: BgpDown (6) Type: ProtocolAlarm (1) Package: bgp Raised on class: bgp.Site	Severity: critical Implicitly cleared: true Default probable cause: protocolDown (1)	<ul style="list-style-type: none"> • 6.4.3 • 6.4.4 • 6.4.5 • 6.4.6
Description: The alarm is raised when a BGP instance has an Operational State other than Up, and the Administrative State is Up.		
Raising condition: (('Administrative State' EQUAL 'Up') AND ('Operational State' NOT EQUAL 'Up'))		
Clearing condition: (('Operational State' EQUAL 'Up') OR ('Administrative State' NOT EQUAL 'Up'))		
Remedial action: The BGP protocol entity is down - administratively disable BGP and re-enable. If the problem persists please contact Alcatel-Lucent support for assistance.		

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Table 34-8 BootableConfigBackupFailed

Alarm	Attributes	Applicable major releases
Name: BootableConfigBackupFailed (103) Type: configurationAlarm (11) Package: sw Raised on class: sw.BackupRestoreManager	Severity: major Implicitly cleared: true Default probable cause: fileTransferFailure (89)	<ul style="list-style-type: none"> • 6.4.3 • 6.4.4 • 6.4.5 • 6.4.6
Description: The alarm is raised when the 5620 SAM fails to back up a set of NE configuration files.		
Raising condition: ('Backup State' EQUAL 'Failure')		
Clearing condition: ('Backup State' EQUAL 'Success')		
Remedial action: Investigation is required to resolve the following possible scenarios: insufficient disk space is available to accommodate the NE configuration files (additional SAM platform alarms will accompany this alarm); the NE is unreachable (including underlying transport network issue); loss of connectivity to the NE during transfer; the FTP daemon on the NE may have stopped; FTP security credential issues.		

Table 34-9 BootableConfigRestoreFailed

Alarm	Attributes	Applicable major releases
Name: BootableConfigRestoreFailed (104) Type: configurationAlarm (11) Package: sw Raised on class: sw.BackupRestoreManager	Severity: major Implicitly cleared: true Default probable cause: fileTransferFailure (89)	<ul style="list-style-type: none"> • 6.4.3 • 6.4.4 • 6.4.5 • 6.4.6
Description: The alarm is raised when the 5620 SAM fails to restore a set of NE configuration files.		
Raising condition: ('Restore State' EQUAL 'Failure')		
Clearing condition: ('Restore State' EQUAL 'Success')		
Remedial action: Investigation is required to resolve the following possible scenarios: the NE is unreachable (including underlying transport network issue); loss of connectivity to the NE during transfer; the FTP daemon on the NE may have stopped; FTP security credential issues.		

Table 34-10 BootParametersMisconfigured

Alarm	Attributes	Applicable major releases
Name: BootParametersMisconfigured (35) Type: configurationAlarm (11) Package: netw Raised on class: netw.NetworkElement	Severity: critical Implicitly cleared: true Default probable cause: persistentIndexFailure (30) Applicable probable causes: <ul style="list-style-type: none"> • persistentIndexFailure • configFileBootFailure 	<ul style="list-style-type: none"> • 6.4.3 • 6.4.4 • 6.4.5 • 6.4.6
Description: The alarm is raised when the SNMP Index Boot Status on an NE is not set to Persistent.		

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Alarm	Attributes	Applicable major releases
Raising condition: (('isGenericNode' EQUAL 'false') AND ('State' NOT EQUAL 'Pre-provisioned') AND (((('Config File Status' NOT EQUAL 'Executed Successfully') AND ('Config File Status' NOT EQUAL 'configFileStatus_unspecified')) OR (('Persistent Index Status' NOT EQUAL 'Rebuild Succeeded') AND ('Persistent Index Status' NOT EQUAL 'persistentIndexStatus_unspecified'))))		
Clearing condition: (('Config File Status' EQUAL 'Executed Successfully') AND ('Persistent Index Status' EQUAL 'Rebuild Succeeded'))		
Remedial action: Ensure that "SNMP Index Boot Status" is persistent (using cli command "show system information" on the NE). If not, unmanage the network element from SAM, ensure that "persist on" is set in the bof file, save the bof, save a config file, verify that an index file (.ndx) is saved as well, reboot the router, verify that SNMP Index Boot Status is persistent and finally remanage the router from SAM.		

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Table 34-11 ClientDelegateServerStatus

Alarm	Attributes	Applicable major releases
Name: ClientDelegateServerStatus (731) Type: communicationsAlarm (4) Package: server Raised on class: server.ClientDelegateServer	Severity: critical Implicitly cleared: true Default probable cause: systemFailed (144)	<ul style="list-style-type: none"> • 6.4.3 • 6.4.4 • 6.4.5 • 6.4.6
Description: The alarm is raised when a client delegate server is unreachable.		
Raising condition: ('Server Status' EQUAL 'Down')		
Clearing condition: ('Server Status' EQUAL 'Up')		
Remedial action: Informational - if the alarm persists or is occurring frequently then investigation is required to understand why the connectivity between the client delegate platform and SAM servers is unreliable or the client delegate server itself is unreliable.		

Table 34-12 ContainingEquipmentAdministrativelyDown

Alarm	Attributes	Applicable major releases
Name: ContainingEquipmentAdministrativelyDown (466) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.Port	Severity: minor Implicitly cleared: true Default probable cause: containingEquipmentAdministrativelyDown (330)	<ul style="list-style-type: none"> • 6.4.3 • 6.4.4 • 6.4.5 • 6.4.6
Description: The alarm is raised when the compositeEquipmentState attribute has a value of containingEquipmentAdministrativelyDown.		
Raising condition: (('Status' EQUAL 'Parent Admin Down') AND ('isTerminatable' EQUAL 'true'))		
Clearing condition: (('Status' NOT EQUAL 'Parent Admin Down') OR ('isTerminatable' NOT EQUAL 'true'))		
Remedial action: Informational - no corrective action required.		

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Table 34-13 ContainingEquipmentMismatch

Alarm	Attributes	Applicable major releases
Name: ContainingEquipmentMismatch (464) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.Port	Severity: major Implicitly cleared: true Default probable cause: containingEquipmentMismatch (328)	<ul style="list-style-type: none"> • 6.4.3 • 6.4.4 • 6.4.5 • 6.4.6
Description: The alarm is raised when the compositeEquipmentState attribute has a value of containingEquipmentMismatch.		
Raising condition: (('Status' EQUAL 'Parent Type Mismatch') AND ('isTerminatable' EQUAL 'true'))		
Clearing condition: (('Status' NOT EQUAL 'Parent Type Mismatch') OR ('isTerminatable' NOT EQUAL 'true'))		
Remedial action: A configuration error has occurred which must be corrected. The card type configured for the slot identified in the alarm must match the installed card type.		

Table 34-14 ContainingEquipmentOperationallyDown

Alarm	Attributes	Applicable major releases
Name: ContainingEquipmentOperationallyDown (465) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.Port	Severity: major Implicitly cleared: true Default probable cause: containingEquipmentDown (329)	<ul style="list-style-type: none"> • 6.4.3 • 6.4.4 • 6.4.5 • 6.4.6
Description: The alarm is raised when the compositeEquipmentState attribute has a value of containingEquipmentOperationallyDown.		
Raising condition: (('Status' EQUAL 'Parent Oper Down') AND ('isTerminatable' EQUAL 'true'))		
Clearing condition: (('Status' NOT EQUAL 'Parent Oper Down') OR ('isTerminatable' NOT EQUAL 'true'))		
Remedial action: The operational state of the equipment element indicated in the alarm is down. This may be due to the element's administrative state or it may indicate that the element has failed.		

Table 34-15 CorruptImageFile

Alarm	Attributes	Applicable major releases
Name: CorruptImageFile (171) Type: configurationAlarm (11) Package: mediation Raised on class: mediation.AbstractSoftwareFolderDescriptor	Severity: critical Implicitly cleared: true Default probable cause: invalidOrCorruptImageFile (134)	<ul style="list-style-type: none"> • 6.4.3 • 6.4.4 • 6.4.5 • 6.4.6
Description: The alarm is raised when one or more files in the 5620 SAM software image specified for a device software upgrade is invalid, corrupt or absent. The 5620 SAM validates a device software file set before it imports the file set and distributes it to an NE. Ensure that the file set downloads properly to the NE and is not tampered with before you re-attempt the upgrade. The alarm clears when a valid file set is on the NE and the 5620 SAM activates the software image in the file set.		
Raising condition: ('isImageValid' EQUAL 'false')		

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Alarm	Attributes	Applicable major releases
Clearing condition: ('isImageValid' EQUAL 'true')		
Remedial action: The existing SW image in the SAM database should be replaced with an image that is known to be complete and valid.		

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Table 34-16 downgradedCardAlarm

Alarm	Attributes	Applicable major releases
Name: downgradedCardAlarm (256) Type: softwareAlarm (19) Package: equipment Raised on class: equipment.Card	Severity: warning Implicitly cleared: true Default probable cause: downgradedCard (195)	<ul style="list-style-type: none"> • 6.4.3 • 6.4.4 • 6.4.5 • 6.4.6
Description: The alarm is raised when an IOM is not upgraded or reset after a device software upgrade of both CPMs. A device resets an IOM automatically after 120 minutes if the IOM is not manually reset after a CPM upgrade.		
Raising condition: ('operationalState' EQUAL 'Downgrade')		
Clearing condition: ('operationalState' EQUAL 'Up')		
Remedial action: Informational - no corrective action required.		

Table 34-17 EfmOamAlarm

Alarm	Attributes	Applicable major releases
Name: EfmOamAlarm (4617) Type: equipmentAlarm (3) Package: ethernetequipment Raised on class: ethernetequipment.Dot3Oam	Severity: minor Implicitly cleared: true Default probable cause: EFMOAMOperationalstateOutOfService (1886)	<ul style="list-style-type: none"> • 6.4.3 • 6.4.4 • 6.4.5 • 6.4.6
Description: The alarm is raised when EFM Ignore status is Enabled, and Physical port Administrative State is Down.		
Raising condition: ('Ignore EFM State' EQUAL 'true')		
Clearing condition: ('Ignore EFM State' EQUAL 'true')		
Remedial action: The alarm is raised when EFM Ignore status is Enabled, and Physical port Administrative State is Down.		

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Table 34-18 EquipmentAdministrativelyDown

Alarm	Attributes	Applicable major releases
Name: EquipmentAdministrativelyDown (455) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.Equipment	Severity: minor Implicitly cleared: true Default probable cause: equipmentAdministrativelyDown (326)	<ul style="list-style-type: none"> • 6.4.3 • 6.4.4 • 6.4.5 • 6.4.6
Description: The alarm is raised when the compositeEquipmentState attribute has a value of equipmentAdministrativelyDown.		
Raising condition: ('compositeEquipmentState' EQUAL 'Admin Down')		
Clearing condition: ('compositeEquipmentState' NOT EQUAL 'Admin Down')		
Remedial action: Informational - no corrective action required.		

Table 34-19 EquipmentDegraded

Alarm	Attributes	Applicable major releases
Name: EquipmentDegraded (604) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.FanTray	Severity: minor Implicitly cleared: true Default probable cause: singleFanFailure (450)	<ul style="list-style-type: none"> • 6.4.3 • 6.4.4 • 6.4.5 • 6.4.6
Description: The alarm is raised when a single fan fails. The chassis attempts to continue operating within the normal temperature range using only the remaining fans.		
Raising condition: ('Device State' EQUAL 'MinorFailure')		
Clearing condition: ('Device State' NOT EQUAL 'MinorFailure')		
Remedial action: The failed fan unit should be replaced.		

Table 34-20 EquipmentDown

Alarm	Attributes	Applicable major releases
Name: EquipmentDown (10) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.Equipment	Severity: major Implicitly cleared: true Default probable cause: inoperableEquipment (8)	<ul style="list-style-type: none"> • 6.4.3 • 6.4.4 • 6.4.5 • 6.4.6
Description: The alarm is raised when the compositeEquipmentState attribute has a value of equipmentOperationallyDown.		
Raising condition: ('compositeEquipmentState' EQUAL 'Oper Down')		
Clearing condition: ('compositeEquipmentState' NOT EQUAL 'Oper Down')		
Remedial action: This alarm indicates that a card in the NE has failed. The card must be replaced.		

Table 34-21 EquipmentFailure

Alarm	Attributes	Applicable major releases
Name: EquipmentFailure (145) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.ReplaceableUnit	Severity: critical Implicitly cleared: true Default probable cause: cardFailure (123)	<ul style="list-style-type: none"> • 6.4.3 • 6.4.4 • 6.4.5 • 6.4.6
Description: The alarm is raised when a control processor or power-supply tray reports a failure. When the object type is ControlProcessor, a CPM may be unable to boot. When the object type is Power Supply Tray and the alarm is raised during device discovery, a power-supply tray may be out of service. When the object type is a Power Supply Tray and the device is in the managed state, a power-supply tray may be out of service or the AC power shelf has a fault condition. The alarm clears when the status changes to OK.		
Raising condition: ('operationalState' EQUAL 'Failed')		
Clearing condition: ('operationalState' NOT EQUAL 'Failed')		
Remedial action: If the alarm indicates that the CPM card has a fault, remove the card and reset it. If this does not clear the alarm then please contact Alcatel-Lucent support for assistance. If the alarm indicates that the Power Supply tray is out of service ensure that the NE is properly connected to power. If the problem persists please contact Alcatel-Lucent support for assistance.		

Table 34-22 EquipmentInTest

Alarm	Attributes	Applicable major releases
Name: EquipmentInTest (11) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.Equipment	Severity: warning Implicitly cleared: true Default probable cause: equipmentInTest (9)	<ul style="list-style-type: none"> • 6.4.3 • 6.4.4 • 6.4.5 • 6.4.6
Description: The alarm is raised when equipment enters a diagnostic state.		
Raising condition: ('compositeEquipmentState' EQUAL 'In Test')		
Clearing condition: ('compositeEquipmentState' NOT EQUAL 'In Test')		
Remedial action: Informational - no corrective action required.		

Table 34-23 EquipmentMismatch

Alarm	Attributes	Applicable major releases
Name: EquipmentMismatch (9) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.Equipment	Severity: major Implicitly cleared: true Default probable cause: equipmentTypeMismatch (7)	<ul style="list-style-type: none"> • 6.4.3 • 6.4.4 • 6.4.5 • 6.4.6
Description: The alarm is raised when the compositeEquipmentState attribute has a value of equipmentMismatch.		
Raising condition: ('compositeEquipmentState' EQUAL 'Type Mismatch')		
Clearing condition: ('compositeEquipmentState' NOT EQUAL 'Type Mismatch')		

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Alarm	Attributes	Applicable major releases
Remedial action: A configuration error has occurred which must be corrected. The card type configured for the slot identified in the alarm must match the installed card type.		

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Table 34-24 EquipmentRemoved

Alarm	Attributes	Applicable major releases
Name: EquipmentRemoved (8) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.Equipment	Severity: major Implicitly cleared: true Default probable cause: replaceableEquipmentRemoved (6)	<ul style="list-style-type: none"> • 6.4.3 • 6.4.4 • 6.4.5 • 6.4.6
Description: The alarm is raised when the compositeEquipmentState attribute has a value of equipmentMissing.		
Raising condition: (((isEquipped' EQUAL 'false') OR ('compositeEquipmentState' EQUAL 'Removed')) AND ('isEquipmentInserted' EQUAL 'true'))		
Clearing condition: (('compositeEquipmentState' NOT EQUAL 'Removed') AND ('isEquipped' EQUAL 'true'))		
Remedial action: Informational - this alarm is raised when a card is removed.		

Table 34-25 EthernetPortConfiguredLoopback

Alarm	Attributes	Applicable major releases
Name: EthernetPortConfiguredLoopback (801) Type: configurationAlarm (11) Package: ethernetequipment Raised on class: ethernetequipment.EthernetPortSpecifics	Severity: warning Implicitly cleared: true Default probable cause: ethernetPortConfiguredLoopback (567)	<ul style="list-style-type: none"> • 6.4.3 • 6.4.4 • 6.4.5 • 6.4.6
Description: The alarm is raised when a timed loopback is in effect for an Ethernet port.		
Raising condition: (('Type' NOT EQUAL 'None'))		
Clearing condition: (('Type' EQUAL 'None'))		
Remedial action: This alarm has been raised by the node because "Timed Loopback" option of the specific port's Ethernet property has been enabled. To resolve this problem from "Ethernet" tab of "Physical Port" properties form configure "Timed Loopback" Type property as "None".		

Table 34-26 EthernetPortDuplicateLane

Alarm	Attributes	Applicable major releases
Name: EthernetPortDuplicateLane (3557) Type: communicationsAlarm (4) Package: ethernetequipment Raised on class: ethernetequipment.EthernetPortSpecifics	Severity: major Implicitly cleared: true Default probable cause: DuplicateLane (1387)	<ul style="list-style-type: none"> • 6.4.3 • 6.4.4 • 6.4.5 • 6.4.6
Description: The alarm is raised when a device reports a Duplicate Lane on an Ethernet port.		
Raising condition: (('Outstanding Alarms'anyBit'Duplicate Lane') AND ('Report Alarms'anyBit'Duplicate Lane'))		
Clearing condition: NOT (('Outstanding Alarms'anyBit'Duplicate Lane') AND ('Report Alarms'anyBit'Duplicate Lane'))		
Remedial action: One of the following conditions exists on the referenced physical interface which must be corrected. A cable/fiber fault exists which must be corrected - check to ensure that the cable is not faulty and is properly connected. The port is faulty - run diagnostics on the port to determine the nature of the fault. If the problem cannot be resolved swap the card containing the port with a card which is known be functional.		

Table 34-27 EthernetPortHighBer

Alarm	Attributes	Applicable major releases
Name: EthernetPortHighBer (307) Type: communicationsAlarm (4) Package: ethernetequipment Raised on class: ethernetequipment.EthernetPortSpecifics	Severity: major Implicitly cleared: true Default probable cause: HighBer (238)	<ul style="list-style-type: none"> • 6.4.3 • 6.4.4 • 6.4.5 • 6.4.6
Description: The alarm is raised when a device reports a high bit-error rate on an Ethernet port.		
Raising condition: (('Outstanding Alarms'anyBit'High Bit Error Rate') AND ('Report Alarms'anyBit'High Bit Error Rate'))		
Clearing condition: NOT (('Outstanding Alarms'anyBit'High Bit Error Rate') AND ('Report Alarms'anyBit'High Bit Error Rate'))		
Remedial action: One of the following conditions exists on the physical interface which must be corrected. A cable/fiber fault exists which must be corrected - check to ensure that the cable is not faulty and is properly connected. The port is faulty - run diagnostics on the port to determine the nature of the fault.		

Table 34-28 EthernetPortLocalFault

Alarm	Attributes	Applicable major releases
Name: EthernetPortLocalFault (305) Type: communicationsAlarm (4) Package: ethernetequipment Raised on class: ethernetequipment.EthernetPortSpecifics	Severity: major Implicitly cleared: true Default probable cause: LocalFault (236)	<ul style="list-style-type: none"> • 6.4.3 • 6.4.4 • 6.4.5 • 6.4.6
Description: The alarm is raised when a device reports a local fault on an Ethernet port.		
Raising condition: (('Outstanding Alarms'anyBit'Local Fault') AND ('Report Alarms'anyBit'Local Fault'))		

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Alarm	Attributes	Applicable major releases
Clearing condition: NOT (((('Outstanding Alarms'anyBit'Local Fault') AND ('Report Alarms'anyBit'Local Fault'))		
Remedial action: One of the following conditions exists on the physical interface which must be corrected. A cable/fiber fault exists which must be corrected - check to ensure that the cable is not faulty and is properly connected. The port is faulty - run diagnostics on the port to determine the nature of the fault.		

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Table 34-29 EthernetPortNoAmLock

Alarm	Attributes	Applicable major releases
Name: EthernetPortNoAmLock (3558) Type: communicationsAlarm (4) Package: ethernetequipment Raised on class: ethernetequipment.EthernetPortSpecifics	Severity: major Implicitly cleared: true Default probable cause: NoAmLock (1388)	<ul style="list-style-type: none"> • 6.4.3 • 6.4.4 • 6.4.5 • 6.4.6
Description: The alarm is raised when a device reports a No Am Lock on an Ethernet port.		
Raising condition: (('Outstanding Alarms'anyBit'No AM Lock') AND ('Report Alarms'anyBit'No AM Lock'))		
Clearing condition: NOT (((('Outstanding Alarms'anyBit'No AM Lock') AND ('Report Alarms'anyBit'No AM Lock'))		
Remedial action: One of the following conditions exists on the referenced physical interface which must be corrected. A cable/fiber fault exists which must be corrected - check to ensure that the cable is not faulty and is properly connected. The port is faulty - run diagnostics on the port to determine the nature of the fault. If the problem cannot be resolved swap the card containing the port with a card which is known be functional.		

Table 34-30 EthernetPortNoBlockLock

Alarm	Attributes	Applicable major releases
Name: EthernetPortNoBlockLock (3559) Type: communicationsAlarm (4) Package: ethernetequipment Raised on class: ethernetequipment.EthernetPortSpecifics	Severity: major Implicitly cleared: true Default probable cause: NoBlockLock (1389)	<ul style="list-style-type: none"> • 6.4.3 • 6.4.4 • 6.4.5 • 6.4.6
Description: The alarm is raised when a device reports a No Block Lock on an Ethernet port.		
Raising condition: (('Outstanding Alarms'anyBit'No Block Lock') AND ('Report Alarms'anyBit'No Block Lock'))		
Clearing condition: NOT (((('Outstanding Alarms'anyBit'No Block Lock') AND ('Report Alarms'anyBit'No Block Lock'))		
Remedial action: One of the following conditions exists on the referenced physical interface which must be corrected. A cable/fiber fault exists which must be corrected - check to ensure that the cable is not faulty and is properly connected. The port is faulty - run diagnostics on the port to determine the nature of the fault. If the problem cannot be resolved swap the card containing the port with a card which is known be functional.		

Table 34-31 EthernetPortNoFrameLock

Alarm	Attributes	Applicable major releases
Name: EthernetPortNoFrameLock (306) Type: communicationsAlarm (4) Package: ethernetequipment Raised on class: ethernetequipment.EthernetPortSpecifics	Severity: major Implicitly cleared: true Default probable cause: NoFrameLock (237)	<ul style="list-style-type: none"> • 6.4.3 • 6.4.4 • 6.4.5 • 6.4.6
Description: The alarm is raised when a device reports No Frame Lock on an Ethernet port.		
Raising condition: (('Outstanding Alarms'anyBit'No Frame Lock') AND ('Report Alarms'anyBit'No Frame Lock'))		
Clearing condition: NOT (('Outstanding Alarms'anyBit'No Frame Lock') AND ('Report Alarms'anyBit'No Frame Lock'))		
Remedial action: One of the following conditions exists on the physical interface which must be corrected. A cable/fiber fault exists which must be corrected - check to ensure that the cable is not faulty and is properly connected. The port is faulty - run diagnostics on the port to determine the nature of the fault.		

Table 34-32 EthernetPortRemoteFault

Alarm	Attributes	Applicable major releases
Name: EthernetPortRemoteFault (304) Type: communicationsAlarm (4) Package: ethernetequipment Raised on class: ethernetequipment.EthernetPortSpecifics	Severity: major Implicitly cleared: true Default probable cause: RemoteFault (235)	<ul style="list-style-type: none"> • 6.4.3 • 6.4.4 • 6.4.5 • 6.4.6
Description: The alarm is raised when a device reports a remote fault on an Ethernet port.		
Raising condition: (('Outstanding Alarms'anyBit'Remote Fault') AND ('Report Alarms'anyBit'Remote Fault'))		
Clearing condition: NOT (('Outstanding Alarms'anyBit'Remote Fault') AND ('Report Alarms'anyBit'Remote Fault'))		
Remedial action: One of the following conditions exists on the remote physical interface which must be corrected. A cable/fiber fault exists which must be corrected - check to ensure that the cable is not faulty and is properly connected. The port is faulty - run diagnostics on the port to determine the nature of the fault.		

Table 34-33 EthernetPortSignalFailure

Alarm	Attributes	Applicable major releases
Name: EthernetPortSignalFailure (303) Type: communicationsAlarm (4) Package: ethernetequipment Raised on class: ethernetequipment.EthernetPortSpecifics	Severity: major Implicitly cleared: true Default probable cause: SignalFailure (234)	<ul style="list-style-type: none"> • 6.4.3 • 6.4.4 • 6.4.5 • 6.4.6
Description: The alarm is raised when a device reports a signal failure on an Ethernet port.		
Raising condition: (('Outstanding Alarms'anyBit'Signal Failure') AND ('Report Alarms'anyBit'Signal Failure'))		

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Alarm	Attributes	Applicable major releases
Clearing condition: NOT (('Outstanding Alarms'anyBit'Signal Failure') AND ('Report Alarms'anyBit'Signal Failure'))		
Remedial action: One of the following conditions exists on the physical interface which must be corrected. A cable/fiber fault exists which must be corrected - check to ensure that the cable is not faulty and is properly connected. The port is faulty - run diagnostics on the port to determine the nature of the fault.		

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Table 34-34 FanFailure

Alarm	Attributes	Applicable major releases
Name: FanFailure (624) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.FanTray	Severity: critical Implicitly cleared: true Default probable cause: fanFailure (116)	<ul style="list-style-type: none"> • 6.4.3 • 6.4.4 • 6.4.5 • 6.4.6
Description: The alarm is raised when the associated fan is not operationally Up.		
Raising condition: (('Device State' EQUAL 'Failed') OR ('Device State' EQUAL 'Unknown') OR ('Device State' EQUAL 'OutOfservice'))		
Clearing condition: ('Device State' EQUAL 'OK')		
Remedial action: Remove and reset the fan unit. If this does not resolve the problem replace the fan.		

Table 34-35 FanTrayRemoved

Alarm	Attributes	Applicable major releases
Name: FanTrayRemoved (569) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.FanTray	Severity: critical Implicitly cleared: true Default probable cause: FanTrayRemoved (438)	<ul style="list-style-type: none"> • 6.4.3 • 6.4.4 • 6.4.5 • 6.4.6
Description: The alarm is raised when the deviceState attribute has a value of deviceNotEquipped.		
Raising condition: ('Device State' EQUAL 'Not Equipped')		
Clearing condition: ('Device State' NOT EQUAL 'Not Equipped')		
Remedial action: Informational - a fan tray has been removed from the NE.		

Table 34-36 FrameSizeProblem (netw)

Alarm	Attributes	Applicable major releases
Name: FrameSizeProblem (37) Type: configurationAlarm (11) Package: netw Raised on class: netw.StatefullConnectableInterface	Severity: critical Implicitly cleared: true Default probable cause: frameSizeProblem (33)	<ul style="list-style-type: none"> • 6.4.3 • 6.4.4 • 6.4.5 • 6.4.6
Description: The alarm is raised when a provisioned MTU size value is greater than the supported MTU size value.		
Raising condition: (('mtuMismatch' EQUAL 'true') AND ('portId' NOT EQUAL '0L'))		
Clearing condition: (('mtuMismatch' EQUAL 'false') OR ('portId' EQUAL '0L'))		
Remedial action: A configuration error has been made which must be corrected. The MTU value must be changed such that is less than or equal to the supported MTU size value.		

Table 34-37 GaPeerDown

Alarm	Attributes	Applicable major releases
Name: GaPeerDown (3303) Type: EpcAlarm (59) Package: Iteggns Raised on class: Iteggns.GaPeer	Severity: major Implicitly cleared: true Default probable cause: EPSPeerDown (602)	<ul style="list-style-type: none"> • 6.4.3 • 6.4.4 • 6.4.5 • 6.4.6
Description: The alarm is raised when the path management state of a Ga peer changes to a state other than Up.		
Raising condition: ('Path Management State' NOT EQUAL 'Active')		
Clearing condition: ('Path Management State' EQUAL 'Active')		
Remedial action: A Ga reference point (peer) is operationally down for one of the following reasons: the underlying IP or physical interface is down, the far end peer is down or the underlying transport between this NE and the peer NE is down. To resolve the issue ensure that the IP/physical interface is up, check that the far end peer is operational and check that the underlying transport network is up.		

Table 34-38 IfVlanSubTypeConflict

Alarm	Attributes	Applicable major releases
Name: IfVlanSubTypeConflict (213) Type: configurationAlarm (11) Package: vlan Raised on class: vlan.L2AccessInterface	Severity: major Implicitly cleared: true Default probable cause: topologyMisconfigured (81)	<ul style="list-style-type: none"> • 6.4.3 • 6.4.4 • 6.4.5 • 6.4.6
Description: The alarm is raised when more than one type of VLAN service is configured with the same VLAN ID. The alarm is raised against an L2 access interface.		
Raising condition: ('vlanSubTypeConflict' EQUAL 'true')		
Clearing condition: ('vlanSubTypeConflict' EQUAL 'false')		

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Alarm	Attributes	Applicable major releases
Remedial action: Ensure that only one type of VLAN Service is configured with the VLAN ID used by this Interface.		

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Table 34-39 IgmpDown

Alarm	Attributes	Applicable major releases
Name: IgmpDown (158) Type: ProtocolAlarm (1) Package: igmp Raised on class: igmp.Site	Severity: critical Implicitly cleared: true Default probable cause: protocolDown (1)	<ul style="list-style-type: none"> • 6.4.3 • 6.4.4 • 6.4.5 • 6.4.6
Description: The alarm is raised when an IGMP site has an Operational State other than Up, and the Administrative State is Up.		
Raising condition: (('Administrative State' EQUAL 'Up') AND ('Operational State' NOT EQUAL 'Up'))		
Clearing condition: (('Operational State' EQUAL 'Up') OR ('Administrative State' NOT EQUAL 'Up'))		
Remedial action: While configured under VPRN, check if VPRN site is admin down, or if route distinguisher is not configured.		

Table 34-40 IgmpSnoopingDown

Alarm	Attributes	Applicable major releases
Name: IgmpSnoopingDown (161) Type: ProtocolAlarm (1) Package: layer2 Raised on class: layer2.Bridge	Severity: warning Implicitly cleared: true Default probable cause: protocolDown (1)	<ul style="list-style-type: none"> • 6.4.3 • 6.4.4 • 6.4.5 • 6.4.6
Description: The alarm is raised when IGMP snooping is disabled on an NE and a TLS VLAN or MVR VLAN service is provisioned on the NE.		
Raising condition: ('IGMP Snooping' EQUAL 'Disabled')		
Clearing condition: ('IGMP Snooping' EQUAL 'Enabled')		
Remedial action: To clear the alarm, enable IGMP Snooping under the Bridge Instance.		

Table 34-41 IncompleteConfiguration

Alarm	Attributes	Applicable major releases
Name: IncompleteConfiguration (1942) Type: operationalViolation (93) Package: netw Raised on class: netw.NetworkElement	Severity: warning Implicitly cleared: true Default probable cause: incompleteConfig (225)	<ul style="list-style-type: none"> • 6.4.3 • 6.4.4 • 6.4.5 • 6.4.6
Description: The alarm is raised when a pre-provisioned NE has no objects configured beneath it.		

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Alarm	Attributes	Applicable major releases
Raising condition: (('State' EQUAL 'Pre-provisioned') AND ('eNodeB Equipment' EQUAL '\'))		
Clearing condition: (('State' EQUAL 'Pre-provisioned') AND ('eNodeB Equipment' NOT EQUAL '\'))		
Remedial action: A configuration error has been made which must be corrected. The configuration of the pre-provisioned NE is incomplete. A work order was not associated with the pre-provisioned NE and as a consequence the attempt to auto-configure the NE failed.		

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Table 34-42 InterfaceDown (netw)

Alarm	Attributes	Applicable major releases
Name: InterfaceDown (36) Type: InterfaceAlarm (13) Package: netw Raised on class: netw.StatefullConnectableInterface	Severity: critical Implicitly cleared: true Default probable cause: interfaceDown (32)	<ul style="list-style-type: none"> • 6.4.3 • 6.4.4 • 6.4.5 • 6.4.6
Description: The alarm is raised when an interface or underlying resource fails, as indicated by an interface compositeState attribute value of failed or underlyingResourceFailed.		
Raising condition: (('compositeState' EQUAL 'Inoperable') OR ('compositeState' EQUAL 'Underlying Resource Inoperable'))		
Clearing condition: (('compositeState' NOT EQUAL 'Inoperable') AND ('compositeState' NOT EQUAL 'Underlying Resource Inoperable'))		
Remedial action: A physical port (physical interface, LAG, channel) associated with the network interface in not operation. Ensure that the interface is cabled and that there is not a configuration error (i.e. MTU size set incorrectly) on the interface. Once the issue w		

Table 34-43 IsisDown

Alarm	Attributes	Applicable major releases
Name: IsisDown (19) Type: ProtocolAlarm (1) Package: isis Raised on class: isis.Site	Severity: critical Implicitly cleared: true Default probable cause: protocolDown (1)	<ul style="list-style-type: none"> • 6.4.3 • 6.4.4 • 6.4.5 • 6.4.6
Description: The alarm is raised when an IS-IS site has an Operational State other than Up, and the Administrative State is Up.		
Raising condition: (('Administrative State' EQUAL 'Up') AND ('Operational State' NOT EQUAL 'Up'))		
Clearing condition: (('Operational State' EQUAL 'Up') OR ('Administrative State' NOT EQUAL 'Up'))		
Remedial action: The protocol is not working anymore, could be a problem with IP addresses, resources on the device, ...		

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Table 34-44 LagDown

Alarm	Attributes	Applicable major releases
Name: LagDown (20) Type: equipmentAlarm (3) Package: lag Raised on class: lag.Interface	Severity: critical Implicitly cleared: true Default probable cause: lagDown (17)	<ul style="list-style-type: none"> • 6.4.3 • 6.4.4 • 6.4.5 • 6.4.6
Description: The alarm is raised when all ports in a LAG are operationally down.		
Raising condition: (('Administrative State' EQUAL 'Up') AND ('operationalState' NOT EQUAL 'Up'))		
Clearing condition: (('operationalState' EQUAL 'Up') OR ('Administrative State' NOT EQUAL 'Up'))		
Remedial action: This alarm indicates that all physical Ethernet links associated with a LAG are operationally down. The reasons for the links to be down may vary from link to link. The following possible causes of this alarm should be investigated. The physical port (near end or far end may have failed - this can be remedied by replacing the interface card in question. The physical links may have been turned down administratively - re-enable the links. A cable failure or disconnect may have occurred - please ensure that the cables are properly connected to the physical port and and that the cable has not been damaged.		

Table 34-45 LagPortAddFailed

Alarm	Attributes	Applicable major releases
Name: LagPortAddFailed (422) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.PhysicalPort	Severity: warning Implicitly cleared: true Default probable cause: linkDown (315)	<ul style="list-style-type: none"> • 6.4.3 • 6.4.4 • 6.4.5 • 6.4.6
Description: The alarm is raised when the Lag Port Add function Fails.		
Raising condition: (('state' EQUAL 'Link Down') AND ('LAG ID' > '0'))		
Clearing condition: (('state' NOT EQUAL 'Link Down') OR ('LAG ID' EQUAL '0'))		
Remedial action: A configuration error has occurred which must be corrected. The link that was to be added to the LAG group may be of the wrong type (i.e. non ethernet) or the limit of the number of links supported in a LAG may have been reached.		

Table 34-46 LicensedLimitExceeded

Alarm	Attributes	Applicable major releases
Name: LicensedLimitExceeded (127) Type: licensingAlarm (23) Package: security Raised on class: security.ProductLicense	Severity: critical Implicitly cleared: true Default probable cause: licensedLimitExceeded (106)	<ul style="list-style-type: none"> • 6.4.3 • 6.4.4 • 6.4.5 • 6.4.6
Description: The alarm is raised when the license items in the network exceeds 100 percent of the license capacity.		
Raising condition: ('Exceeded' EQUAL 'true')		
Clearing condition: ('Exceeded' NOT EQUAL 'true')		

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Alarm	Attributes	Applicable major releases
Remedial action: Informational - The number of SAM licenses purchased and available on the SAM server is insufficient as compared to the number of NEs/MDA/Cells under management in the network. Please contact Alcatel-Lucent Sales to purchase additional licenses.		

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Table 34-47 LinkDown (equipment)

Alarm	Attributes	Applicable major releases
Name: LinkDown (12) Type: communicationsAlarm (4) Package: equipment Raised on class: equipment.Equipment	Severity: major Implicitly cleared: true Default probable cause: portLinkProblem (10)	<ul style="list-style-type: none"> • 6.4.3 • 6.4.4 • 6.4.5 • 6.4.6
Description: The alarm is raised when a port has no associated physical link or remote end point is operationally down.		
Raising condition: (('compositeEquipmentState' EQUAL 'Link Down') OR ('compositeEquipmentState' EQUAL 'Oper Down'))		
Clearing condition: (('compositeEquipmentState' NOT EQUAL 'Link Down') AND ('compositeEquipmentState' NOT EQUAL 'Oper Down'))		
Remedial action: Please make sure that port has physical link and remote end point is operationally up.		

Table 34-48 LowTemperatureDetected

Alarm	Attributes	Applicable major releases
Name: LowTemperatureDetected (1127) Type: environmentalAlarm (2) Package: equipment Raised on class: equipment.Shelf	Severity: major Implicitly cleared: true Default probable cause: equipmentOvercooled (838)	<ul style="list-style-type: none"> • 6.4.3 • 6.4.4 • 6.4.5 • 6.4.6
Description: The alarm is raised when the chassis temperature falls below the minimum threshold.		
Raising condition: ('Low Temperature State' EQUAL 'Low')		
Clearing condition: ('Low Temperature State' NOT EQUAL 'Low')		
Remedial action: The NE has detected internal temperatures which are abnormally low. This may happen when the environment that the NE is operating in may not be within specifications found in the NE user guides.		

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Table 34-49 LowTemperatureThresholdCrossed

Alarm	Attributes	Applicable major releases
Name: LowTemperatureThresholdCrossed (1128) Type: environmentalAlarm (2) Package: equipment Raised on class: equipment.Environment	Severity: major Implicitly cleared: true Default probable cause: equipmentOvercooled (838)	<ul style="list-style-type: none"> • 6.4.3 • 6.4.4 • 6.4.5 • 6.4.6
Description: The alarm is raised when a low-temperature threshold is crossed.		
Raising condition: ('lowTemperatureThresholdCrossed' EQUAL 'true')		
Clearing condition: ('lowTemperatureThresholdCrossed' EQUAL 'false')		
Remedial action: The NE has detected internal temperatures which are abnormally high. This could be caused by a failed fan unit or one or more dirty fan filters. Replacing the failed unit or filters should resolve the problem. Alternately the environment that the NE is operating in may not be within specifications found in the NE user guides.		

Table 34-50 LpsViolation

Alarm	Attributes	Applicable major releases
Name: LpsViolation (518) Type: learnedPortSecurityAlarm (51) Package: lps Raised on class: lps.LearnedPortSecurity	Severity: major Implicitly cleared: true Default probable cause: learnedPortSecurityViolation (393)	<ul style="list-style-type: none"> • 6.4.3 • 6.4.4 • 6.4.5 • 6.4.6
Description: The alarm is raised when the 5620 SAM detects an LPS violation.		
Raising condition: ('Operational State' EQUAL 'Security Violated')		
Clearing condition: ('Operational State' EQUAL 'Down')		
Remedial action: Port reset is required to return the port to normal operation.		

Table 34-51 macMoveRateExceeded (service)

Alarm	Attributes	Applicable major releases
Name: macMoveRateExceeded (3690) Type: accessInterfaceAlarm (40) Package: service Raised on class: service.AccessInterface	Severity: minor Implicitly cleared: true Default probable cause: MacMoveRateExceeded (1429)	<ul style="list-style-type: none"> • 6.4.3 • 6.4.4 • 6.4.5 • 6.4.6
Description: The alarm is raised when the SAP exceeds the MAC Move Frequency of the service site.		
Raising condition: ('State Cause'anyBit'Relearn Limit Exceeded')		
Clearing condition: NOT (('State Cause'anyBit'Relearn Limit Exceeded'))		
Remedial action: Informational.		

Table 34-52 macMoveRateExceededNonBlock (service)

Alarm	Attributes	Applicable major releases
Name: macMoveRateExceededNonBlock (4893) Type: accessInterfaceAlarm (40) Package: service Raised on class: service.AccessInterface	Severity: info Implicitly cleared: true Default probable cause: MacMoveRateExceededNonBlock (1951)	<ul style="list-style-type: none"> • 6.4.3 • 6.4.4 • 6.4.5 • 6.4.6
Description: The alarm is raised when the SAP exceeds the MAC Move Frequency of the service site when limitMacMove(sapTIsLimitMacMove) is set to 'nonBlocking'.		
Raising condition: ('State Cause'anyBit'Relearn Limit Exceeded')		
Clearing condition: NOT (('State Cause'anyBit'Relearn Limit Exceeded'))		
Remedial action: Informational - User can adjust the value of 'MAC Move Maximum Rate' to reduce the frequency of this alarm.		

Table 34-53 MepAISReceivedAlarm

Alarm	Attributes	Applicable major releases
Name: MepAISReceivedAlarm (2945) Type: oamAlarm (18) Package: ethernetoam Raised on class: ethernetoam.Mep	Severity: variable Implicitly cleared: true Default probable cause: missingRemoteMep (388)	<ul style="list-style-type: none"> • 6.4.3 • 6.4.4 • 6.4.5 • 6.4.6
Description: The alarm is raised when a MEP receives AIS test frames from one or more of its sub-layer MEPs.		
Raising condition: (('AIS Received (AisRx)' EQUAL 'true') AND ('Facility VLAN ID' EQUAL '0'))		
Clearing condition: ('AIS Received (AisRx)' EQUAL 'false')		
Remedial action: This alarm indicates that it has received a MEP fault from a sub-layer MEP, user should investigate the fault cause on the sub-layer MEP and resolve this root cause issue.		

Table 34-54 MobileConnectorDown

Alarm	Attributes	Applicable major releases
Name: MobileConnectorDown (1064) Type: EpcAlarm (59) Package: Iteservice Raised on class: Iteservice.MobileServiceConnector	Severity: minor Implicitly cleared: true Default probable cause: EpcDown (519)	<ul style="list-style-type: none"> • 6.4.3 • 6.4.4 • 6.4.5 • 6.4.6
Description: The alarm is raised when the 5620 SAM no longer manages the EPS path instance of this mobile service site. As a result, the service must be regenerated.		
Raising condition: ('EPS Path' EQUAL '\\"')		
Clearing condition: ('EPS Path' NOT EQUAL '\\"')		
Remedial action: The underlying transport network has gone down resulting in the deletion of a mobile service connector (EPS path). Correct the issue with the transport network and regenerate the mobile service connector by clicking on the re-calculate button on the mobile service properties form.		

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Table 34-55 MvrSiteDown

Alarm	Attributes	Applicable major releases
Name: MvrSiteDown (162) Type: ProtocolAlarm (1) Package: layer2 Raised on class: layer2.MvrSite	Severity: warning Implicitly cleared: true Default probable cause: protocolDown (1)	<ul style="list-style-type: none"> • 6.4.3 • 6.4.4 • 6.4.5 • 6.4.6
Description: The alarm is raised when MVR is disabled on an NE and a TLS VLAN or MVR VLAN service is provisioned on the NE.		
Raising condition: ('MVR Admin Status' EQUAL 'Disabled')		
Clearing condition: ('MVR Admin Status' EQUAL 'Enabled')		
Remedial action: To clear the alarm, enable MVR Admin Status under the Bridge Instance.		

Table 34-56 NeighborDown

Alarm	Attributes	Applicable major releases
Name: NeighborDown (121) Type: NeighborDown (20) Package: ospf Raised on class: ospf.AbstractNeighbor	Severity: major Implicitly cleared: true Default probable cause: NeighborDown (103)	<ul style="list-style-type: none"> • 6.4.4 • 6.4.5 • 6.4.6
Description: The alarm is raised when an OSPF interface neighbor is operationally Down.		
Raising condition: ('Operational State' NOT EQUAL 'full')		
Clearing condition: ('Operational State' EQUAL 'full')		
Remedial action: This alarm is raised when the OSPF interface neighbor is operationally down. The situation may occur if the underlying physical interface is down either because of administrative disabling or a fault on the far end port or due to a cable connection or cable failure. This alarm will also be raised if the underlying transport network fails or is unreliable. Resolving the underlying instability in the transport network will correct this problem.		

Table 34-57 NeManagementAndTrapManagementMismatch

Alarm	Attributes	Applicable major releases
Name: NeManagementAndTrapManagementMismatch (1079) Type: communicationsAlarm (4) Package: netw Raised on class: netw.NetworkElement	Severity: warning Implicitly cleared: true Default probable cause: neManagementChange (817)	<ul style="list-style-type: none"> • 6.4.3 • 6.4.4 • 6.4.5 • 6.4.6
Description: This user-defined alarm is raised when the NE configuration is one of the following: - The Active Management IP is set to Out Of Band, and the Primary Route Preference is set to In Band. - The Active Management IP is set to In Band, and the Primary Route Preference is set to Out of Band.		

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Alarm	Attributes	Applicable major releases
Raising condition: (((('Active Management IP' EQUAL 'In Band') AND (('Management IP Selection' EQUAL 'In Band Preferred') OR ('Management IP Selection' EQUAL 'In Band Only'))) AND ('Primary Route Preference' EQUAL 'Out Of Band') AND ('Secondary Route Preference' EQUAL 'In Band')) OR (('Active Management IP' EQUAL 'Out Of Band') AND (('Management IP Selection' EQUAL 'Out Of Band Preferred') OR ('Management IP Selection' EQUAL 'Out Of Band Only'))) AND ('Primary Route Preference' EQUAL 'In Band') AND ('Secondary Route Preference' EQUAL 'Out Of Band'))		
Clearing condition: (((('Active Management IP' EQUAL 'In Band') AND (('Management IP Selection' EQUAL 'In Band Preferred') OR ('Management IP Selection' EQUAL 'In Band Only'))) AND ('Primary Route Preference' EQUAL 'In Band')) OR (('Active Management IP' EQUAL 'Out Of Band') AND (('Management IP Selection' EQUAL 'Out Of Band Preferred') OR ('Management IP Selection' EQUAL 'Out Of Band Only'))) AND ('Primary Route Preference' EQUAL 'Out Of Band'))		
Remedial action: A configuration error has been made which must be corrected. The parameters described in the description for this alarm must match.		

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Table 34-58 NewSsh2ServerKeyDetected

Alarm	Attributes	Applicable major releases
Name: NewSsh2ServerKeyDetected (285) Type: communicationsAlarm (4) Package: security Raised on class: security.KnownHostKey	Severity: warning Implicitly cleared: true Default probable cause: ssh2ServerKeyMismatch (217)	<ul style="list-style-type: none"> • 6.4.3 • 6.4.4 • 6.4.5 • 6.4.6
Description: The alarm is raised when a 5620 SAM main server detects a new public SSH key.		
Raising condition: ('SSH2 Server Key Status' EQUAL 'Mismatch SSH2 Host Key')		
Clearing condition: ('SSH2 Server Key Status' EQUAL 'Active SSH2 Host Key')		
Remedial action: Informational - possible security breach. The SSH key of the router is different from the one known to the SAM server.		

Table 34-59 NodeDatabaseFallbackDetected

Alarm	Attributes	Applicable major releases
Name: NodeDatabaseFallbackDetected (2923) Type: communicationsAlarm (4) Package: netw Raised on class: netw.NetworkElement	Severity: major Implicitly cleared: true Default probable cause: nodeDatabaseFallback (1121)	<ul style="list-style-type: none"> • 6.4.3 • 6.4.4 • 6.4.5 • 6.4.6
Description: The alarm is raised when a configuration fallback is detected on the node and comes back up with a previous configuration. To correct this situation it might be necessary to reconfigure the node, or perform full resync its database with the 'fallback' configuration returned by the node.		
Raising condition: ('State' EQUAL 'Node Configuration Fallback')		
Clearing condition: ('State' EQUAL 'Managed')		
Remedial action: the NE has come back to a previous configuration. Perform a manual Full Resync or a Reconfigure of the NE		

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Table 34-60 NodeDatabaseMisalignmentDetected

Alarm	Attributes	Applicable major releases
Name: NodeDatabaseMisalignmentDetected (2924) Type: communicationsAlarm (4) Package: netw Raised on class: netw.NetworkElement	Severity: major Implicitly cleared: true Default probable cause: nodeDatabaseMisalignment (1122)	<ul style="list-style-type: none"> • 6.4.3 • 6.4.4 • 6.4.5 • 6.4.6
Description: The alarm is raised when a configuration misalignment has been detected on the node and comes back up with an unexpected configuration (configuration change triggered by external tool) To correct this situation it might be necessary to reconfigure the node with the 5620 SAM's old configuration or accept the new configuration received from the node.		
Raising condition: ('State' EQUAL 'Node Configuration Misalignment')		
Clearing condition: ('State' EQUAL 'Managed')		
Remedial action: the NE configuration is misaligned. Perform a resync in order to update SAM configuration according to the NE.		

Table 34-61 NodeSuspended

Alarm	Attributes	Applicable major releases
Name: NodeSuspended (5123) Type: communicationsAlarm (4) Package: netw Raised on class: netw.NetworkElement	Severity: critical Implicitly cleared: true Default probable cause: NodeSuspend (2057)	<ul style="list-style-type: none"> • 6.4.3 • 6.4.4 • 6.4.5 • 6.4.6
Description: The alarm is raised when the 5620 SAM detects an NE moved to suspend state as per user request.		
Raising condition: ('SNMP Reachability' EQUAL 'Suspended')		
Clearing condition: ('SNMP Reachability' NOT EQUAL 'Suspended')		
Remedial action: This alarm is raised when user suspends the network element. The alarm will be cleared when the network element is managed back.		

Table 34-62 OrphanNodeDetected

Alarm	Attributes	Applicable major releases
Name: OrphanNodeDetected (4866) Type: discoveryControlAlarm (33) Package: netw Raised on class: netw.AdvertisedNode	Severity: major Implicitly cleared: true Default probable cause: nodeNotMangedByAnyEms (1934)	<ul style="list-style-type: none"> • 6.4.3 • 6.4.4 • 6.4.5 • 6.4.6
Description: The alarm is raised when node is node managed by any EMS after n retries(threshold crossed) it is manually cleared by the operator or when the node is discovered.		
Raising condition: ('State' EQUAL 'Orphan')		
Remedial action: The NE is not managed by any SAM. Add an discovery rule in order to managed it.		

Table 34-63 OspfInterfaceDown

Alarm	Attributes	Applicable major releases
Name: OspfInterfaceDown (141) Type: OspfInterfaceDown (24) Package: ospf Raised on class: ospf.Interface	Severity: warning Implicitly cleared: true Default probable cause: OspfInterfaceDown (112)	<ul style="list-style-type: none"> • 6.4.4 • 6.4.5 • 6.4.6
Description: The alarm is raised when an OSPF interface is operationally down.		
Raising condition: ('operationalState' EQUAL 'Down')		
Clearing condition: ('operationalState' NOT EQUAL 'Down')		
Remedial action: This alarm is raised when the OSPF interface is operationally down. The situation may occur if the underlying physical interface is down either because of administrative disabling or a fault on the far end port or due to a cable connection or cable failure. This alarm will also be raised if the underlying transport network fails or is unreliable. Resolving the underlying instability in the transport network will correct this problem.		

Table 34-64 OverTemperatureDetected

Alarm	Attributes	Applicable major releases
Name: OverTemperatureDetected (388) Type: environmentalAlarm (2) Package: equipment Raised on class: equipment.Shelf	Severity: major Implicitly cleared: true Default probable cause: equipmentOverheated (5)	<ul style="list-style-type: none"> • 6.4.3 • 6.4.4 • 6.4.5 • 6.4.6
Description: The alarm is raised when the chassis temperature exceeds the maximum threshold value.		
Raising condition: ('Over Temperature State' EQUAL 'Over')		
Clearing condition: ('Over Temperature State' NOT EQUAL 'Over')		
Remedial action: The NE has detected internal temperatures which are abnormally high. This could be caused by a failed fan unit or one or more dirty fan filters. Replacing the failed unit or filters should resolve the problem. Alternately the environment that the NE is operating in may not be within specifications found in the NE user guides.		

Table 34-65 PartialResyncProblem

Alarm	Attributes	Applicable major releases
Name: PartialResyncProblem (4401) Type: communicationsAlarm (4) Package: netw Raised on class: netw.NetworkElement	Severity: warning Implicitly cleared: true Default probable cause: partialResyncProblem (1578)	<ul style="list-style-type: none"> • 6.4.3 • 6.4.4 • 6.4.5 • 6.4.6
Description: The alarm is raised when a partial resync on an NE fails. For example, when resyncing only some MIB entries as opposed to a full resync. The periodic reachability test (sysUpTime) is not considered a partial resync, neither is a full resync. However, a PartialResyncProblem alarm can only be reset by a FullResync.		
Raising condition: ('partialResyncStatus' EQUAL 'Partial Resync Failed')		

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Alarm	Attributes	Applicable major releases
Clearing condition: ('partialResyncStatus' EQUAL 'Partial Resync Done')		
Remedial action: Informational - if the alarm persists or is occurring frequently then investigation is required to understand a) why the underlying transport network is unreliable or b) why the NE is too busy to respond to 5620 SAM or c) has SNMP been disabled on the NE.		

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Table 34-66 PersistentIndexParametersMisconfigured

Alarm	Attributes	Applicable major releases
Name: PersistentIndexParametersMisconfigured (173) Type: configurationAlarm (11) Package: netw Raised on class: netw.NetworkElement	Severity: major Implicitly cleared: true Default probable cause: persistentIndexConfigurationMismatch (136)	<ul style="list-style-type: none"> • 6.4.3 • 6.4.4 • 6.4.5 • 6.4.6
Description: The alarm is raised when persistence is set to Off in the NE BOF.		
Raising condition: (('Persistent SNMP Indices' EQUAL 'False') OR (('hasRedundantProcessorCards' EQUAL 'true') AND ('Redundant Synchronization Mode' EQUAL 'None'))		
Clearing condition: (('Persistent SNMP Indices' EQUAL 'True') AND (('hasRedundantProcessorCards' EQUAL 'false') OR ('Redundant Synchronization Mode' NOT EQUAL 'None'))		
Remedial action: A configuration error has occurred that must be corrected. Use the CLI on the NE to enable persistency in the BOF. The discovery process will complete on the next discovery scan. A re-scan can be triggered immediately for the NE from within the discovery manager		

Table 34-67 PimDown

Alarm	Attributes	Applicable major releases
Name: PimDown (184) Type: ProtocolAlarm (1) Package: pim Raised on class: pim.Site	Severity: critical Implicitly cleared: true Default probable cause: protocolDown (1)	<ul style="list-style-type: none"> • 6.4.3 • 6.4.4 • 6.4.5 • 6.4.6
Description: The alarm is raised when a PIM site is administratively Up but operationally Down. The alarm is cleared when the PIM site becomes operationally Up but administratively Down.		
Raising condition: (('Administrative State' EQUAL 'Up') AND ('Operational State' NOT EQUAL 'Up'))		
Clearing condition: (('Operational State' EQUAL 'Up') OR ('Administrative State' NOT EQUAL 'Up'))		
Remedial action: This should never happen. Contact Alcatel-Lucent Customer Support for assistance.		

Table 34-68 PollerProblem

Alarm	Attributes	Applicable major releases
Name: PollerProblem (31) Type: communicationsAlarm (4) Package: netw Raised on class: netw.NetworkElement	Severity: warning Implicitly cleared: true Default probable cause: resyncFailed (24)	<ul style="list-style-type: none"> • 6.4.3 • 6.4.4 • 6.4.5 • 6.4.6
Description: The alarm is raised when the 5620 SAM is unable to poll a network object, for example, because of intermittent or no IP connectivity to an NE, incorrect SNMP security parameters, or disabled SNMP on the NE.		
Raising condition: ('Resync Status' EQUAL 'Full Resync Failed')		
Clearing condition: ('Resync Status' EQUAL 'Full Resync Done')		
Remedial action: Informational - if the alarm persists or is occurring frequently then investigation is required to understand a) why the underlying transport network is unreliable or b) why the NE is too busy to respond to 5620 SAM or c) has SNMP been disabled on the NE. Once the issue has been resolved SAM will automatically re-attempt.		

Table 34-69 PortEtherSymMonSDAlarm

Alarm	Attributes	Applicable major releases
Name: PortEtherSymMonSDAlarm (5662) Type: communicationsAlarm (4) Package: ethernetequipment Raised on class: ethernetequipment.EthernetPortSpecifics	Severity: major Implicitly cleared: true Default probable cause: etherPortSymMonSDThresholdExceededAlarm (2439)	<ul style="list-style-type: none"> • 6.4.3 • 6.4.4 • 6.4.5 • 6.4.6
Description: The alarm is raised when an Ethernet port Symbol Monitor Failure alarm condition is detected (Signal Degradation Threshold exceeded).		
Raising condition: ('Symbol Alarm Reason' EQUAL 'SD Threshold Exceeded')		
Clearing condition: ('Symbol Alarm Reason' NOT EQUAL 'SD Threshold Exceeded')		
Remedial action: Symbol monitor signal degradation alarm could be cleared by changing/disabling the associated threshold/multiplier values or it is self clearing and will clear once the error rate drops below 1/10th of the configured rate.		

Table 34-70 PortEtherSymMonSFAlarm

Alarm	Attributes	Applicable major releases
Name: PortEtherSymMonSFAlarm (5663) Type: communicationsAlarm (4) Package: ethernetequipment Raised on class: ethernetequipment.EthernetPortSpecifics	Severity: major Implicitly cleared: true Default probable cause: etherPortSymMonSFThresholdExceededAlarm (2440)	<ul style="list-style-type: none"> • 6.4.3 • 6.4.4 • 6.4.5 • 6.4.6
Description: The alarm is raised when an Ethernet port Symbol Monitor Failure alarm condition is detected (Signal Failure Threshold exceeded).		
Raising condition: ('Symbol Alarm Reason' EQUAL 'SF Threshold Exceeded')		

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Alarm	Attributes	Applicable major releases
Clearing condition: ('Symbol Alarm Reason' NOT EQUAL 'SF Threshold Exceeded')		
Remedial action: Symbol monitor signal failure alarm could be cleared by changing/disabling the associated threshold/multiplier values or by taking the port out of service (eg. shutdown, card/mda reset, physical link loss).		

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Table 34-71 PowerSupplyFailure

Alarm	Attributes	Applicable major releases
Name: PowerSupplyFailure (633) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.PowerSupplyTray	Severity: critical Implicitly cleared: true Default probable cause: powerSupplyFailure (117)	<ul style="list-style-type: none"> • 6.4.3 • 6.4.4 • 6.4.5 • 6.4.6
Description: The alarm is raised when a power-supply tray reports a failure. When the alarm is raised during device discovery, a power-supply tray may be out of service. When the alarm is raised while the device is in the managed state, a power-supply tray may be out of service or the AC power shelf has a fault condition. The alarm clears when the status changes to OK.		
Raising condition: (('Power Supply 1 Status' EQUAL 'Not Equipped') OR ('Power Supply 1 Status' EQUAL 'Failed'))		
Clearing condition: (('Power Supply 1 Status' EQUAL 'OK'))		
Remedial action: Ensure that the NE is properly connected to power. If the problem persists please contact Alcatel-Lucent support for assistance.		

Table 34-72 PowerSupplyInputFeedDown

Alarm	Attributes	Applicable major releases
Name: PowerSupplyInputFeedDown (5422) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.PowerSupplyTray	Severity: minor Implicitly cleared: true Default probable cause: powerSupplyInputFeedDown (2073)	<ul style="list-style-type: none"> • 6.4.3 • 6.4.4 • 6.4.5 • 6.4.6
Description: This alarm is generated if any one of the input feeds for a given power supply is not supplying power.		
Raising condition: (('inputFeedStatus' EQUAL 'Input A Down') OR ('inputFeedStatus' EQUAL 'Input B Down') OR (('inputFeedStatus'allBits'Input A Down') AND ('inputFeedStatus'allBits'Input B Down'))		
Clearing condition: ('inputFeedStatus' EQUAL 'None')		
Remedial action: Restore all of the input feeds that are not supplying power.		

Table 34-73 PowerSupplyRemoved

Alarm	Attributes	Applicable major releases
Name: PowerSupplyRemoved (542) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.PowerSupplyTray	Severity: major Implicitly cleared: true Default probable cause: PowerSupplyRemoved (415)	<ul style="list-style-type: none"> • 6.4.3 • 6.4.4 • 6.4.5 • 6.4.6
Description: The alarm is raised when a chassis power supply is removed.		
Raising condition: ('Power Supply 1 Status' EQUAL 'Not Equipped')		
Clearing condition: ('Power Supply 1 Status' NOT EQUAL 'Not Equipped')		
Remedial action: To recover from this event, the customer is requested to add a new power supply to the system, or change a faulty power supply with a working one.		

Table 34-74 PrimaryImageBootFailure

Alarm	Attributes	Applicable major releases
Name: PrimaryImageBootFailure (191) Type: configurationAlarm (11) Package: sw Raised on class: sw.CardSoftware	Severity: warning Implicitly cleared: true Default probable cause: bootOptionFileMisconfigured (150)	<ul style="list-style-type: none"> • 6.4.3 • 6.4.4 • 6.4.5 • 6.4.6
Description: The alarm is raised when the primary software image specified in an NE BOF is unusable.		
Raising condition: (('imageSource' NOT EQUAL 'Primary') AND ('imageSource' NOT EQUAL 'Unknown'))		
Clearing condition: (('imageSource' EQUAL 'Primary') OR ('imageSource' EQUAL 'Unknown'))		
Remedial action: The SW image on the NE may have been inadvertently corrupted. Download a new copy of the SW image to the NE. If the problem persists contact Alcatel-Lucent support for assistance.		

Table 34-75 RadiusOperStatusDown

Alarm	Attributes	Applicable major releases
Name: RadiusOperStatusDown (3692) Type: radiusOperStatusDownAlarm (105) Package: netw Raised on class: netw.NetworkElement	Severity: critical Implicitly cleared: true Default probable cause: radiusOperationStatusDown (1431)	<ul style="list-style-type: none"> • 6.4.3 • 6.4.4 • 6.4.5 • 6.4.6
Description: The alarm is raised when all RADIUS servers have gone down.		
Raising condition: ('Global RADIUS Operational State' EQUAL 'Down')		
Clearing condition: ('Global RADIUS Operational State' EQUAL 'Up')		
Remedial action: Verify the RADIUS server is properly configured and radius server state is up. Check the connectivity between SAM server and radius server configured on the Network element.		

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Table 34-76 ReachabilityProblem

Alarm	Attributes	Applicable major releases
Name: ReachabilityProblem (243) Type: communicationsAlarm (4) Package: netw Raised on class: netw.NetworkElement	Severity: major Implicitly cleared: true Default probable cause: ReachabilityTestFailed (176)	<ul style="list-style-type: none"> • 6.4.3 • 6.4.4 • 6.4.5 • 6.4.6
Description: The alarm is raised when a mediation poll of the SysUpTimeAlarm object on an NE fails, for example, because of network congestion or because the NE is too busy to respond. The probable cause is an unreachable NE Mediation agent on the NE. The polling interval depends on the NE type and is configurable in nms-server.xml. By default, the 5620 SAM polls a managed NE every four minutes. If a poll fails, the alarm is raised. The alarm clears when the 5620 SAM receives a response from the NE, and the 5620 SAM GUI icon that represents the NE turns from red to green.		
Raising condition: ('SNMP Reachability' EQUAL 'Down')		
Remedial action: Informational - if the alarm persists or is occurring frequently then investigation is required to understand a) why the underlying transport network is unreliable or b) why the NE is too busy to respond to 5620 SAM or c) has SNMP been disabled on the NE. Once the issue has been resolved SAM will automatically re-attempt.		

Table 34-77 ReconfigFailure

Alarm	Attributes	Applicable major releases
Name: ReconfigFailure (1949) Type: communicationsAlarm (4) Package: netw Raised on class: netw.NetworkElement	Severity: critical Implicitly cleared: true Default probable cause: failedReconfig (937)	<ul style="list-style-type: none"> • 6.4.3 • 6.4.4 • 6.4.5 • 6.4.6
Description: This alarm is raised when the reconfig action failed.		
Raising condition: ('State' EQUAL 'Failed')		
Clearing condition: ('State' NOT EQUAL 'Failed')		
Remedial action: Verify that the object is configured as expected.		

Table 34-78 RedundantMepMisconfiguration

Alarm	Attributes	Applicable major releases
Name: RedundantMepMisconfiguration (3631) Type: oamAlarm (18) Package: ethernetoam Raised on class: ethernetoam.Mep	Severity: minor Implicitly cleared: true Default probable cause: misconfiguredRedundantMep (1416)	<ul style="list-style-type: none"> • 6.4.3 • 6.4.4 • 6.4.5 • 6.4.6
Description: The alarm is raised when an Active and Redundant MEP do not have the same ID, Operational MAC Address or Sub Group configured.		
Raising condition: ('validRedundantMepConfig' EQUAL 'false')		
Clearing condition: ('validRedundantMepConfig' EQUAL 'true')		

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Alarm	Attributes	Applicable major releases
Remedial action: MC-LAG redundant MEP configuration (MEP ID or Mac Address) for Active & Standby Interfaces do not match, this could cause issues with CFM or CCM tests if Active interface changes. Delete and Re-create Standby MEP to match Active.		

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Table 34-79 RedundantMepMissing

Alarm	Attributes	Applicable major releases
Name: RedundantMepMissing (3632) Type: oamAlarm (18) Package: ethernetToam Raised on class: ethernetToam.Mep	Severity: minor Implicitly cleared: true Default probable cause: missingRedundantMep (1417)	<ul style="list-style-type: none"> • 6.4.3 • 6.4.4 • 6.4.5 • 6.4.6
Description: The alarm is raised when a MEP misses a redundant counterpart on LAG or SAP.		
Raising condition: (('MC-LAG Inactive' NOT EQUAL 'Not Applicable') AND ('Redundant MEP' EQUAL '\'))		
Clearing condition: (('MC-LAG Inactive' EQUAL 'Not Applicable') OR (('MC-LAG Inactive' NOT EQUAL 'Not Applicable') AND ('Redundant MEP' NOT EQUAL '\')))		
Remedial action: MC-LAG redundant MEP is missing Active & Standby Interfaces, this will cause issues with CFM or CCM tests if Active interface changes. Create missing Active/Standby MEP to match existing.		

Table 34-80 RemoteMepCCMAAlarm

Alarm	Attributes	Applicable major releases
Name: RemoteMepCCMAAlarm (502) Type: oamAlarm (18) Package: ethernetToam Raised on class: ethernetToam.Mep	Severity: major Implicitly cleared: true Default probable cause: missingRemoteMep (388)	<ul style="list-style-type: none"> • 6.4.3 • 6.4.4 • 6.4.5 • 6.4.6
Description: The alarm is raised when a MEP loses connectivity with one or more remote MEPs. The Remote MEP DB State tab on a MEP lists the missing remote MEPs.		
Raising condition: ('High-Priority Defect' NOT EQUAL '0')		
Clearing condition: ('High-Priority Defect' EQUAL '0')		
Remedial action: MEP has lost communication with Remote MEP defined in Maintenance Association (MEG) Remote MEP list, Either Remote MEP list is incorrect or diagnose connection fault and resolve.		

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Table 34-81 RipDown

Alarm	Attributes	Applicable major releases
Name: RipDown (72) Type: ProtocolAlarm (1) Package: rip Raised on class: rip.Site	Severity: critical Implicitly cleared: true Default probable cause: protocolDown (1)	<ul style="list-style-type: none"> • 6.4.3 • 6.4.4 • 6.4.5 • 6.4.6
Description: The alarm is raised when a RIP site has an Operational State other than Up, and the Administrative State is Up.		
Raising condition: (('Administrative State' EQUAL 'Up') AND ('Operational State' NOT EQUAL 'Up'))		
Clearing condition: (('Operational State' EQUAL 'Up') OR ('Administrative State' NOT EQUAL 'Up'))		
Remedial action: The RIP Site is down while it is administratively up. Please check the node e.g, IOM is not shutdown or installed.		

Table 34-82 SaveConfigFailed

Alarm	Attributes	Applicable major releases
Name: SaveConfigFailed (105) Type: configurationAlarm (11) Package: sw Raised on class: sw.BackupRestoreManager	Severity: major Implicitly cleared: true Default probable cause: fileAccessError (90)	<ul style="list-style-type: none"> • 6.4.3 • 6.4.4 • 6.4.5 • 6.4.6
Description: The alarm is raised when the admin save command on an NE fails.		
Raising condition: ('Config Save State' EQUAL 'Failure')		
Clearing condition: ('Config Save State' EQUAL 'Success')		
Remedial action: Attempt the admin save command a second time. If the problem persists please contact Alcatel-Lucent support for assistance.		

Table 34-83 ScheduledPollerProblem

Alarm	Attributes	Applicable major releases
Name: ScheduledPollerProblem (4386) Type: communicationsAlarm (4) Package: netw Raised on class: netw.NetworkElement	Severity: warning Implicitly cleared: true Default probable cause: scheduledResyncFailed (1569)	<ul style="list-style-type: none"> • 6.4.3 • 6.4.4 • 6.4.5 • 6.4.6
Description: The alarm is raised when the 5620 SAM is unable to poll a network object, for example, because of intermittent or no IP connectivity to an NE, incorrect SNMP security parameters, or disabled SNMP on the NE.		
Raising condition: ('Scheduled Resync Status' EQUAL 'Scheduled Resync Failed')		
Clearing condition: ('Scheduled Resync Status' EQUAL 'Scheduled Resync Done')		
Remedial action: Informational - if the alarm persists or is occurring frequently then investigation is required to understand a) why the underlying transport network is unreliable or b) why the NE is too busy to respond to 5620 SAM or c) has SNMP been disabled on the NE. Once the issue has been resolved SAM will automatically re-attempt.		

Table 34-84 ServiceSiteDown

Alarm	Attributes	Applicable major releases
Name: ServiceSiteDown (97) Type: serviceAlarm (16) Package: service Raised on class: service.Site	Severity: critical Implicitly cleared: true Default probable cause: siteDown (83)	<ul style="list-style-type: none"> • 6.4.3 • 6.4.4 • 6.4.5 • 6.4.6
Description: The alarm is raised when all SAPs on a site are operationally down, or when the service tunnels for the site are operationally down.		
Raising condition: (('Operational State' NOT EQUAL 'Up') AND ('State Cause' NOT EQUAL 'All Spoke SDP Bindings are Standby'))		
Clearing condition: (('Operational State' EQUAL 'Up') OR ('State Cause' EQUAL 'All Spoke SDP Bindings are Standby'))		
Remedial action: The network resources (i.e. physical ports for SAPs, or physical ports/LSP) associated with the service site should be examined to determine if/why they are operationally down. The underlying transport network supporting the site may also be unreliable.		

Table 34-85 SiteManagementVlanConflict

Alarm	Attributes	Applicable major releases
Name: SiteManagementVlanConflict (223) Type: configurationAlarm (11) Package: vlan Raised on class: vlan.Site	Severity: warning Implicitly cleared: true Default probable cause: topologyMisconfigured (81)	<ul style="list-style-type: none"> • 6.4.3 • 6.4.4 • 6.4.5 • 6.4.6
Description: The alarm is raised when the management VLAN ID is used for another type of service.		
Raising condition: ('managementVlanConflict' EQUAL 'true')		
Clearing condition: ('managementVlanConflict' EQUAL 'false')		
Remedial action: Ensure that the VLAN ID of this Management Service Site is not used on any other type of VLAN Service Site.		

Table 34-86 SiteVlanSubTypeConflict

Alarm	Attributes	Applicable major releases
Name: SiteVlanSubTypeConflict (224) Type: configurationAlarm (11) Package: vlan Raised on class: vlan.Site	Severity: major Implicitly cleared: true Default probable cause: topologyMisconfigured (81)	<ul style="list-style-type: none"> • 6.4.3 • 6.4.4 • 6.4.5 • 6.4.6
Description: The alarm is raised when more than one type of VLAN service has the same VLAN ID. The alarm is raised against a site.		
Raising condition: ('vlanSubTypeConflict' EQUAL 'true')		
Clearing condition: ('vlanSubTypeConflict' EQUAL 'false')		
Remedial action: Ensure that only one type of VLAN Service is configured with the VLAN ID used by this Site.		

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Table 34-87 StatsRetrieveFailed

Alarm	Attributes	Applicable major releases
Name: StatsRetrieveFailed (244) Type: configurationAlarm (11) Package: sw Raised on class: sw.AccountingStatsRetrievalManager	Severity: major Implicitly cleared: false Default probable cause: fileTransferFailure (89)	<ul style="list-style-type: none"> • 6.4.3 • 6.4.4 • 6.4.5 • 6.4.6
Description: The alarm is raised when the 5620 SAM main or auxiliary server cannot transfer an accounting file from an NE.		
Raising condition: (('Stats Retrieval State' NOT EQUAL 'Success') AND ('Stats Retrieval State' NOT EQUAL 'Not Attempted'))		
Remedial action: Informational - if the alarm persists or is occurring frequently then investigation is required to understand a) why the underlying transport network is unreliable or b) why the NE is too busy or otherwise cannot respond to the 5620 SAM main or auxiliary server.		

Table 34-88 SubscriberSystemNextHopUsageHigh

Alarm	Attributes	Applicable major releases
Name: SubscriberSystemNextHopUsageHigh (5157) Type: thresholdCrossed (6) Package: netw Raised on class: netw.NetworkElement	Severity: minor Implicitly cleared: true Default probable cause: resourceFull (53)	<ul style="list-style-type: none"> • 6.4.3 • 6.4.4 • 6.4.5 • 6.4.6
Description: The alarm is raised when the IP next-hop usage by subscriber managed routes reaches its high watermark, cleared when it reaches its low watermark again; the watermarks are derived from the limit specified with the property subSysNextHopLimit.		
Raising condition: ('IP Next Hop Usage High' EQUAL 'true')		
Clearing condition: ('IP Next Hop Usage High' EQUAL 'false')		
Remedial action: The alarm is raised when the IP next-hop usage by subscriber managed routes reaches its high watermark, cleared when it reaches its low watermark again; the watermarks are derived from the limit specified with the property subSysNextHopLimit. There is no immediate effect, but when the usage actually hits the limit, new hosts will not get their managed routes.		

Table 34-89 SubSysChassMemoryUsageHi

Alarm	Attributes	Applicable major releases
Name: SubSysChassMemoryUsageHi (5656) Type: thresholdCrossed (6) Package: equipment Raised on class: equipment.Shelf	Severity: minor Implicitly cleared: true Default probable cause: resourceFull (53)	<ul style="list-style-type: none"> • 6.4.3 • 6.4.4 • 6.4.5 • 6.4.6
Description: This alarm is raised when the memory usage by subscriber management on this system or chassis reaches its high watermark ('true').		
Raising condition: ('Memory Usage High' EQUAL 'True')		

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Alarm	Attributes	Applicable major releases
Clearing condition: (('Memory Usage High' EQUAL 'False') OR ('Memory Usage High' EQUAL 'unspecified'))		
Remedial action: The memory usage by subscriber management on this system has reached its high watermark. Please check your memory usage.		

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Table 34-90 TemperatureThresholdCrossed

Alarm	Attributes	Applicable major releases
Name: TemperatureThresholdCrossed (7) Type: environmentalAlarm (2) Package: equipment Raised on class: equipment.Environment	Severity: major Implicitly cleared: true Default probable cause: equipmentOverheated (5)	<ul style="list-style-type: none"> • 6.4.3 • 6.4.4 • 6.4.5 • 6.4.6
Description: The alarm is raised when a temperature crosses a threshold.		
Raising condition: ('temperatureThresholdCrossed' EQUAL 'true')		
Clearing condition: ('temperatureThresholdCrossed' EQUAL 'false')		
Remedial action: The NE has detected internal temperatures which are abnormally high. This could be caused by a failed fan unit or one or more dirty fan filters. Replacing the failed unit or filters should resolve the problem. Alternately the environment that the NE is operating in may not be within specifications found in the NE user guides.		

Table 34-91 TlsSiteDown

Alarm	Attributes	Applicable major releases
Name: TlsSiteDown (163) Type: ProtocolAlarm (1) Package: layer2 Raised on class: layer2.TlsSite	Severity: warning Implicitly cleared: true Default probable cause: protocolDown (1)	<ul style="list-style-type: none"> • 6.4.3 • 6.4.4 • 6.4.5 • 6.4.6
Description: The alarm is raised when MVR is disabled on an NE and a TLS VLAN or MVR VLAN service is provisioned on the NE.		
Raising condition: ('TLS Admin Status' EQUAL 'Disabled')		
Clearing condition: ('TLS Admin Status' EQUAL 'Enabled')		
Remedial action: To clear the alarm, enable TLS Admin Status under the Bridge Instance.		

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Table 34-92 TmnxEqPortEtherLoopDetected

Alarm	Attributes	Applicable major releases
Name: TmnxEqPortEtherLoopDetected (461) Type: portEtherLoopDetected (48) Package: ethernetequipment Raised on class: ethernetequipment.EthernetPortSpecifics	Severity: major Implicitly cleared: true Default probable cause: HighBer (238)	<ul style="list-style-type: none"> • 6.4.3 • 6.4.4 • 6.4.5 • 6.4.6
Description: The alarm is raised when a device detects a physical loop on an Ethernet port.		
Raising condition: (('Down When Looped Status' EQUAL 'Loop Detected'))		
Clearing condition: (('Down When Looped Status' EQUAL 'No Loop Detected'))		
Remedial action: An Ethernet port has been mis-cabled - please remove the loopback cable on the port.		

Table 34-93 TrapDestinationMisconfigured

Alarm	Attributes	Applicable major releases
Name: TrapDestinationMisconfigured (33) Type: configurationAlarm (11) Package: netw Raised on class: netw.NetworkElement	Severity: major Implicitly cleared: true Default probable cause: trapDestinationMisconfigured (26) Applicable probable causes: <ul style="list-style-type: none"> • trapDestinationMisconfigured • duplicateTrapLogId 	<ul style="list-style-type: none"> • 6.4.3 • 6.4.4 • 6.4.5 • 6.4.6
Description: The alarm is raised when the 5620 SAM cannot be added to the NE's SNMP trap destinations.		
Raising condition: ('isTrapDestinationMisconfigured' EQUAL 'true')		
Clearing condition: ('isTrapDestinationMisconfigured' EQUAL 'false')		
Remedial action: A configuration error has been made which must be corrected. The SNMP trap destination on the NE must be configured to the IP address of the SAM server.		

Table 34-94 TrapReceivingFailure

Alarm	Attributes	Applicable major releases
Name: TrapReceivingFailure (1083) Type: communications (87) Package: netw Raised on class: netw.NetworkElement	Severity: major Implicitly cleared: false Default probable cause: trapsWillNotBeSent (822)	<ul style="list-style-type: none"> • 6.4.3 • 6.4.4 • 6.4.5 • 6.4.6
Description: This user-defined alarm is raised when the NE is unable to send traps because the NE configuration is one of the following: - The Management IP Selection is set to Out Of Band Only, the Primary Route Preference is set to In Band, and the Secondary Route Preference is set to None. - The Management IP Selection is set to In Band Only, the Primary Route Preference is set to Out Of Band, and the Secondary Route Preference is set to None.		

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Alarm	Attributes	Applicable major releases
<p>Raising condition: (((('Active Management IP' EQUAL 'In Band') AND ('Management IP Selection' EQUAL 'In Band Only') AND ('Primary Route Preference' EQUAL 'Out Of Band') AND ('Secondary Route Preference' EQUAL 'None')) OR (('Active Management IP' EQUAL 'Out Of Band') AND ('Management IP Selection' EQUAL 'Out Of Band Only') AND ('Primary Route Preference' EQUAL 'In Band') AND ('Secondary Route Preference' EQUAL 'None')) OR (('Active Management IP' EQUAL 'Out Of Band') AND ('Management IP Selection' EQUAL 'In Band Preferred') AND ('Primary Route Preference' EQUAL 'In Band') AND ('Secondary Route Preference' EQUAL 'None')) OR (('Active Management IP' EQUAL 'In Band') AND ('Management IP Selection' EQUAL 'Out Of Band Preferred') AND ('Primary Route Preference' EQUAL 'Out Of Band') AND ('Secondary Route Preference' EQUAL 'None'))))</p>		
<p>Clearing condition: (((('Active Management IP' EQUAL 'In Band') AND ('Management IP Selection' EQUAL 'In Band Only') AND (('Primary Route Preference' EQUAL 'In Band') OR ('Secondary Route Preference' EQUAL 'In Band')) OR (('Active Management IP' EQUAL 'Out Of Band') AND ('Management IP Selection' EQUAL 'Out Of Band Only') AND (('Primary Route Preference' EQUAL 'Out Of Band') OR ('Secondary Route Preference' EQUAL 'Out Of Band')) OR (('Active Management IP' EQUAL 'Out Of Band') AND ('Management IP Selection' EQUAL 'In Band Preferred') AND ('Primary Route Preference' EQUAL 'Out Of Band') OR ('Secondary Route Preference' EQUAL 'In Band')) OR (('Active Management IP' EQUAL 'In Band') AND ('Management IP Selection' EQUAL 'In Band Preferred') AND (('Primary Route Preference' EQUAL 'In Band') OR ('Secondary Route Preference' EQUAL 'In Band')) OR (('Active Management IP' EQUAL 'In Band') AND ('Management IP Selection' EQUAL 'Out Of Band Preferred') AND (('Primary Route Preference' EQUAL 'In Band') OR ('Secondary Route Preference' EQUAL 'In Band')) OR (('Active Management IP' EQUAL 'Out Of Band') AND ('Management IP Selection' EQUAL 'Out Of Band Preferred') AND (('Primary Route Preference' EQUAL 'Out Of Band') OR ('Secondary Route Preference' EQUAL 'Out Of Band'))))</p>		
<p>Remedial action: A configuration error has been made which must be corrected. The configuration error must be corrected per the discussion in the description for this alarm.</p>		

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Table 34-95 TrapRoutePreferenceRedundancyMissing

Alarm	Attributes	Applicable major releases
<p>Name: TrapRoutePreferenceRedundancyMissing (1084) Type: communications (87) Package: netw Raised on class: netw.NetworkElement</p>	<p>Severity: warning Implicitly cleared: true Default probable cause: trapsRedundancyMissing (823)</p>	<ul style="list-style-type: none"> • 6.4.3 • 6.4.4 • 6.4.5 • 6.4.6
<p>Description: The user-defined alarm is raised when NE management redundancy is configured without trap route preference redundancy.</p>		
<p>Raising condition: (((('Management IP Selection' EQUAL 'In Band Preferred') AND ('Active Management IP' EQUAL 'In Band') AND ('Primary Route Preference' EQUAL 'In Band') AND ('Secondary Route Preference' EQUAL 'None')) OR (('Management IP Selection' EQUAL 'Out Of Band Preferred') AND ('Active Management IP' EQUAL 'Out Of Band') AND ('Primary Route Preference' EQUAL 'Out Of Band') AND ('Secondary Route Preference' EQUAL 'None'))))</p>		
<p>Clearing condition: (((('Management IP Selection' EQUAL 'In Band Preferred') AND ('Active Management IP' EQUAL 'In Band') AND ('Secondary Route Preference' NOT EQUAL 'None')) OR (('Management IP Selection' EQUAL 'Out Of Band Preferred') AND ('Active Management IP' EQUAL 'Out Of Band') AND ('Secondary Route Preference' NOT EQUAL 'None'))))</p>		
<p>Remedial action: A configuration error has been made which must be corrected. The IP address of the standby SAM server must be configured on the NE in question.</p>		

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Table 34-96 UnidentifiedNode

Alarm	Attributes	Applicable major releases
Name: UnidentifiedNode (1922) Type: communicationsAlarm (4) Package: netw Raised on class: netw.DiscoveredNode	Severity: major Implicitly cleared: true Default probable cause: unidentifiedNode (922)	<ul style="list-style-type: none"> • 6.4.3 • 6.4.4 • 6.4.5 • 6.4.6
Description: The alarm is raised when the node being discovered can not be properly identified.		
Raising condition: ('State' EQUAL 'Pending Identification')		
Clearing condition: ('State' NOT EQUAL 'Pending Identification')		
Remedial action: A configuration error has occurred that must be corrected. The eNodeB does not have a system name. The name can be configured by selecting the alarm, opening the associated properties form for the alarmed object and configuring the system name.		

Table 34-97 UnmanageFailed

Alarm	Attributes	Applicable major releases
Name: UnmanageFailed (300) Type: discoveryControlAlarm (33) Package: netw Raised on class: netw.NodeDiscoveryControl	Severity: warning Implicitly cleared: true Default probable cause: unableToDeleteNode (231)	<ul style="list-style-type: none"> • 6.4.3 • 6.4.4 • 6.4.5 • 6.4.6
Description: The alarm is raised when an attempt to unmanage an NE fails.		
Raising condition: ('Site State' EQUAL 'Unmanage Failed')		
Clearing condition: ('Site State' NOT EQUAL 'Unmanage Failed')		
Remedial action: Informational - if the alarm persists please contact Alcatel-Lucent support for assistance		

Table 34-98 UpgradedBuildVersionMismatch

Alarm	Attributes	Applicable major releases
Name: UpgradedBuildVersionMismatch (174) Type: configurationAlarm (11) Package: netw Raised on class: netw.NetworkElement	Severity: warning Implicitly cleared: true Default probable cause: upgradedImageNotBooted (137)	<ul style="list-style-type: none"> • 6.4.3 • 6.4.4 • 6.4.5 • 6.4.6
Description: The alarm is raised when the software version that an NE reports after a software upgrade does not match the version of the software used for the upgrade.		
Raising condition: ('upgradedBuildVersionMismatch' EQUAL 'true')		
Clearing condition: ('upgradedBuildVersionMismatch' EQUAL 'false')		
Remedial action: Informational - if the alarm persists please contact Alcatel-Lucent support for assistance		

Table 34-99 upgradedCardAlarm

Alarm	Attributes	Applicable major releases
Name: upgradedCardAlarm (255) Type: softwareAlarm (19) Package: equipment Raised on class: equipment.Card	Severity: warning Implicitly cleared: true Default probable cause: upgradedCard (194)	<ul style="list-style-type: none"> • 6.4.3 • 6.4.4 • 6.4.5 • 6.4.6
Description: The alarm is raised when the standby CPM is rebooted and operational after a software upgrade. A device resets an IOM automatically after 120 minutes if the IOM is not manually reset after a CPM upgrade.		
Raising condition: ('operationalState' EQUAL 'Upgrade')		
Clearing condition: ('operationalState' EQUAL 'Up')		
Remedial action: Informational - no corrective action required.		

Table 34-100 VersionConfigRestoreFailed

Alarm	Attributes	Applicable major releases
Name: VersionConfigRestoreFailed (536) Type: configurationAlarm (11) Package: sw Raised on class: sw.BackupRestoreManager	Severity: major Implicitly cleared: true Default probable cause: versionMismatch (405)	<ul style="list-style-type: none"> • 6.4.3 • 6.4.4 • 6.4.5 • 6.4.6
Description: The alarm is raised when the restore procedure on an NE fails because of a mismatch between the backup file set version and the NE software version.		
Raising condition: ('lastNmsVersionRestoreState' EQUAL 'Failure')		
Clearing condition: ('lastNmsVersionRestoreState' EQUAL 'Success')		
Remedial action: The backup files being restored do not match with the version of node software release. Download a new copy of the SW image to the NE. If the problem persists contact Alcatel-Lucent support for assistance.		

Table 34-101 VirtualLinkDown

Alarm	Attributes	Applicable major releases
Name: VirtualLinkDown (122) Type: VirtualLinkAlarm (21) Package: ospf Raised on class: ospf.VirtualLink	Severity: warning Implicitly cleared: true Default probable cause: VirtualLinkDown (104)	<ul style="list-style-type: none"> • 6.4.4 • 6.4.5 • 6.4.6
Description: The alarm is raised when a virtual link is Down.		
Raising condition: ('Operational State' EQUAL 'Down')		
Clearing condition: ('Operational State' NOT EQUAL 'Down')		

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Alarm	Attributes	Applicable major releases
<p>Remedial action: This alarm is raised when the OSPF virtual link is operationally down. The situation may occur if the underlying physical interface is down either because of administrative disabling or a fault on the far end port or due to a cable connection or cable failure. This alarm will also be raised if the underlying transport network fails or is unreliable. Resolving the underlying instability in the transport network will correct this problem.</p>		

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Table 34-102 VirtualNeighborDown

Alarm	Attributes	Applicable major releases
<p>Name: VirtualNeighborDown (123) Type: VirtualNeighborDown (22) Package: ospf Raised on classes:</p> <ul style="list-style-type: none"> ospf.ShamLink ospf.VirtualLink 	<p>Severity: warning Implicitly cleared: true Default probable cause: VirtualNeighborDown (105)</p>	<ul style="list-style-type: none"> 6.4.4 6.4.5 6.4.6
<p>Description: The alarm is raised when a neighbor virtual link is operationally down.</p>		
<p>Raising condition: ('neighborCount' EQUAL '0L')</p>		
<p>Clearing condition: ('neighborCount' NOT EQUAL '0L')</p>		
<p>Remedial action: This alarm is raised when the OSPF neighbor virtual link is operationally down. The situation may occur if the underlying physical interface is down either because of administrative disabling or a fault on the far end port or due to a cable connection or cable failure. This alarm will also be raised if the underlying transport network fails or is unreliable. Resolving the underlying instability in the transport network will correct this problem.</p>		

Table 34-103 WrongCpaaSoftwareVersion

Alarm	Attributes	Applicable major releases
<p>Name: WrongCpaaSoftwareVersion (791) Type: equipmentAlarm (3) Package: netw Raised on class: netw.NetworkElement</p>	<p>Severity: critical Implicitly cleared: true Default probable cause: wrongCpaaSoftwareVersion (559)</p>	<ul style="list-style-type: none"> 6.4.3 6.4.4 6.4.5 6.4.6
<p>Description: The alarm is raised when the 7701 CPAA software is the wrong version and requires an upgrade.</p>		
<p>Raising condition: (('Software Version' EQUAL "\"TIMOS-B-3.0.Generic \") AND ('Chassis Type' EQUAL '7701 CPAA'))</p>		
<p>Clearing condition: (('Software Version' NOT EQUAL "\"TIMOS-B-3.0.Generic \") AND ('Chassis Type' EQUAL '7701 CPAA'))</p>		
<p>Remedial action: The SW version of the CPAA must be upgraded to the version compatible with CPAM version.</p>		

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Note – Some alarms that the 5620 SAM can raise against this device may not be listed in this chapter. Associating alarms with specific NE types is an ongoing Alcatel-Lucent effort. If the 5620 SAM raises an alarm against this device type, and the alarm is not described in this chapter, see chapter 41 for information about the alarm.

Table 35-1 AccessInterfaceDown

Alarm	Attributes	Applicable major releases
Name: AccessInterfaceDown (249) Type: AccessInterfaceAlarm (32) Package: service Raised on class: service.AccessInterface	Severity: critical Implicitly cleared: true Default probable cause: interfaceDown (32)	<ul style="list-style-type: none"> • 7.2.1 • 7.3.1 • 7.3.2 • 7.3.3
Description: The alarm is raised when an L2 or L3 interface operational state is Down. The alarm is not raised against an L2 access interface that is associated with an MC ring or MC LAG in the standby state.		
Raising condition: (('Operational State' NOT EQUAL 'Up') AND ('State Cause' NOT EQUAL 'Standby For MC-Ring') AND ('State Cause' NOT EQUAL 'Standby For MC-Lag') AND ('State Cause' NOT EQUAL 'Standby For BGP Multi-homing'))		
Clearing condition: (('Operational State' EQUAL 'Up') OR ('State Cause' EQUAL 'Standby For MC-Ring') OR ('State Cause' EQUAL 'Standby For MC-Lag') OR ('State Cause' EQUAL 'Standby For BGP Multi-homing'))		
Remedial action: The condition exists because the physical interface is down either because it is administratively disabled, faulty or a cabling fault has occurred. Ensure that the interface is administratively up. Check for a poor cable connection to the port or for a faulty cable/fiber. If neither appears to be the problem run diagnostics on the port to determine if it is faulty.		

Table 35-2 ActiveAbnormalCondition

Alarm	Attributes	Applicable major releases
Name: ActiveAbnormalCondition (3938) Type: activeAbnormalConditionAlarm (116) Package: netw Raised on class: netw.NetworkElement	Severity: major Implicitly cleared: true Default probable cause: ActiveAbnormalConditionState (1520)	<ul style="list-style-type: none"> • 7.2.1 • 7.3.1 • 7.3.2 • 7.3.3
Description: The alarm is an indication for abnormal condition on NE.		
Raising condition: ('abnormalCondition' EQUAL 'true')		
Clearing condition: ('abnormalCondition' EQUAL 'false')		
Remedial action: This alarm is raised when there is a abnormal state indication on NE.		

Table 35-3 AggregatedVFLPortDown

Alarm	Attributes	Applicable major releases
Name: AggregatedVFLPortDown (5436) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.Shelf	Severity: critical Implicitly cleared: true Default probable cause: connectivityIssue (2137)	<ul style="list-style-type: none"> • 7.2.1 • 7.3.1 • 7.3.2 • 7.3.3
Description: The alarm is generated when the aggregated virtual fabric link on the virtual chassis slot is down.		
Raising condition: (('Shelf Type' EQUAL '7850') AND ('Total Slots' EQUAL '4') AND ('Virtual Fabric Link State' NOT EQUAL 'Up'))		
Clearing condition: (('Shelf Type' EQUAL '7850') AND ('Total Slots' EQUAL '4') AND ('Virtual Fabric Link State' EQUAL 'Up'))		
Remedial action: The alarm is raised when the aggregated virtual fabric link on the virtual chassis is down. Please check the virtual fabric links for the virtual chassis setup.		

Table 35-4 AGWDiameterPeerDown

Alarm	Attributes	Applicable major releases
Name: AGWDiameterPeerDown (844) Type: EpcAlarm (59) Package: Ite Raised on class: Ite.AGWDiameterPeer	Severity: variable Implicitly cleared: true Default probable cause: EPSPeerDown (602)	<ul style="list-style-type: none"> • 7.2.1 • 7.3.1 • 7.3.2 • 7.3.3
Description: The alarm is raised when the path management state of a Diameter peer changes to a state other than Up.		
Raising condition: ('Path Diameter Management State' NOT EQUAL 'Active')		
Clearing condition: ('Path Diameter Management State' EQUAL 'Active')		
Remedial action: A Ga reference point (peer) is operationally down for one of the following reasons: the underlying IP or physical interface is down, the far end peer is down or the underlying transport between this NE and the peer NE is down. To resolve the issue ensure that the IP/physical interface is up, check that the far end peer is operational and check that the underlying transport network is up.		

Table 35-5 AreaTypeMismatch

Alarm	Attributes	Applicable major releases
Name: AreaTypeMismatch (38) Type: configurationAlarm (11) Package: ospf Raised on class: ospf.Area	Severity: warning Implicitly cleared: true Default probable cause: areaTypeMisconfigured (34)	<ul style="list-style-type: none"> • 7.2.1 • 7.3.1 • 7.3.2 • 7.3.3
Description: The alarm is raised when an OSPF area on one NE is configured as an NSSA and the same OSPF area on another NE is configured as a stub area.		
Raising condition: ('Type Mismatch' EQUAL 'true')		
Clearing condition: ('Type Mismatch' EQUAL 'false')		
Remedial action: A configuration error has been made which must be corrected. The OSPF area type configured for the NE does not match with the same OSPF area configured on another NE. Compare the configuration on the endpoint and correct the mismatch.		

Table 35-6 AtcaFanFailure

Alarm	Attributes	Applicable major releases
Name: AtcaFanFailure (1124) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.Fan	Severity: critical Implicitly cleared: true Default probable cause: fanFailure (116)	<ul style="list-style-type: none"> • 7.2.1 • 7.3.1 • 7.3.2 • 7.3.3
Description: The alarm is raised when the associated fan is not operationally Up.		
Raising condition: (('operationalState' EQUAL 'Disabled') OR ('operationalState' EQUAL 'Down'))		
Clearing condition: (('operationalState' EQUAL 'Enabled') OR ('operationalState' EQUAL 'Up'))		
Remedial action: This alarm is raised if the fan speed falls below 500 rpm. If the alarm persists, replace the appropriate (upper or lower) fan tray.		

Table 35-7 AuxiliaryServerStatus

Alarm	Attributes	Applicable major releases
Name: AuxiliaryServerStatus (311) Type: communicationsAlarm (4) Package: server Raised on class: server.AuxiliaryServer	Severity: critical Implicitly cleared: true Default probable cause: systemFailed (144)	<ul style="list-style-type: none"> • 7.2.1 • 7.3.1 • 7.3.2 • 7.3.3
Description: The alarm is raised when a 5620 SAM main server cannot communicate with an auxiliary server. The alarm clears when communication is restored.		
Raising condition: ('Server Status' EQUAL 'Down')		
Clearing condition: ('Server Status' EQUAL 'Up')		
Remedial action: Informational - if the alarm persists or is occurring frequently then investigation is required to understand why the connectivity between the AUX and SAM servers is unreliable.		

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Table 35-8 BgpDown

Alarm	Attributes	Applicable major releases
Name: BgpDown (6) Type: ProtocolAlarm (1) Package: bgp Raised on class: bgp.Site	Severity: critical Implicitly cleared: true Default probable cause: protocolDown (1)	<ul style="list-style-type: none"> • 7.2.1 • 7.3.1 • 7.3.2 • 7.3.3
Description: The alarm is raised when a BGP instance has an Operational State other than Up, and the Administrative State is Up.		
Raising condition: (('Administrative State' EQUAL 'Up') AND ('Operational State' NOT EQUAL 'Up'))		
Clearing condition: (('Operational State' EQUAL 'Up') OR ('Administrative State' NOT EQUAL 'Up'))		
Remedial action: The BGP protocol entity is down - administratively disable BGP and re-enable. If the problem persists please contact Alcatel-Lucent support for assistance.		

Table 35-9 BootableConfigBackupFailed

Alarm	Attributes	Applicable major releases
Name: BootableConfigBackupFailed (103) Type: configurationAlarm (11) Package: sw Raised on class: sw.BackupRestoreManager	Severity: major Implicitly cleared: true Default probable cause: fileTransferFailure (89)	<ul style="list-style-type: none"> • 7.2.1 • 7.3.1 • 7.3.2 • 7.3.3
Description: The alarm is raised when the 5620 SAM fails to back up a set of NE configuration files.		
Raising condition: ('Backup State' EQUAL 'Failure')		
Clearing condition: ('Backup State' EQUAL 'Success')		
Remedial action: Investigation is required to resolve the following possible scenarios: insufficient disk space is available to accommodate the NE configuration files (additional SAM platform alarms will accompany this alarm); the NE is unreachable (including underlying transport network issue); loss of connectivity to the NE during transfer; the FTP daemon on the NE may have stopped; FTP security credential issues.		

Table 35-10 BootableConfigRestoreFailed

Alarm	Attributes	Applicable major releases
Name: BootableConfigRestoreFailed (104) Type: configurationAlarm (11) Package: sw Raised on class: sw.BackupRestoreManager	Severity: major Implicitly cleared: true Default probable cause: fileTransferFailure (89)	<ul style="list-style-type: none"> • 7.2.1 • 7.3.1 • 7.3.2 • 7.3.3
Description: The alarm is raised when the 5620 SAM fails to restore a set of NE configuration files.		
Raising condition: ('Restore State' EQUAL 'Failure')		
Clearing condition: ('Restore State' EQUAL 'Success')		

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Alarm	Attributes	Applicable major releases
Remedial action: Investigation is required to resolve the following possible scenarios: the NE is unreachable (including underlying transport network issue); loss of connectivity to the NE during transfer; the FTP daemon on the NE may have stopped; FTP security credential issues.		

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Table 35-11 BootParametersMisconfigured

Alarm	Attributes	Applicable major releases
Name: BootParametersMisconfigured (35) Type: configurationAlarm (11) Package: netw Raised on class: netw.NetworkElement	Severity: critical Implicitly cleared: true Default probable cause: persistentIndexFailure (30) Applicable probable causes: <ul style="list-style-type: none"> • persistentIndexFailure • configFileBootFailure 	<ul style="list-style-type: none"> • 7.2.1 • 7.3.1 • 7.3.2 • 7.3.3
Description: The alarm is raised when the SNMP Index Boot Status on an NE is not set to Persistent.		
Raising condition: (('isGenericNode' EQUAL 'false') AND ('State' NOT EQUAL 'Pre-provisioned') AND (((('Config File Status' NOT EQUAL 'Executed Successfully') AND ('Config File Status' NOT EQUAL 'configFileStatus_unspecified')) OR (('Persistent Index Status' NOT EQUAL 'Rebuild Succeeded') AND ('Persistent Index Status' NOT EQUAL 'persistentIndexStatus_unspecified'))))		
Clearing condition: (('Config File Status' EQUAL 'Executed Successfully') AND ('Persistent Index Status' EQUAL 'Rebuild Succeeded'))		
Remedial action: Ensure that "SNMP Index Boot Status" is persistent (using cli command "show system information" on the NE). If not, unmanage the network element from SAM, ensure that "persist on" is set in the bof file, save the bof, save a config file, verify that an index file (.ndx) is saved as well, reboot the router, verify that SNMP Index Boot Status is persistent and finally remanage the router from SAM.		

Table 35-12 ClientDelegateServerStatus

Alarm	Attributes	Applicable major releases
Name: ClientDelegateServerStatus (731) Type: communicationsAlarm (4) Package: server Raised on class: server.ClientDelegateServer	Severity: critical Implicitly cleared: true Default probable cause: systemFailed (144)	<ul style="list-style-type: none"> • 7.2.1 • 7.3.1 • 7.3.2 • 7.3.3
Description: The alarm is raised when a client delegate server is unreachable.		
Raising condition: ('Server Status' EQUAL 'Down')		
Clearing condition: ('Server Status' EQUAL 'Up')		
Remedial action: Informational - if the alarm persists or is occurring frequently then investigation is required to understand why the connectivity between the client delegate platform and SAM servers is unreliable or the client delegate server itself is unreliable.		

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Table 35-13 ContainingEquipmentAdministrativelyDown

Alarm	Attributes	Applicable major releases
Name: ContainingEquipmentAdministrativelyDown (466) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.Port	Severity: minor Implicitly cleared: true Default probable cause: containingEquipmentAdministrativelyDown (330)	<ul style="list-style-type: none"> • 7.2.1 • 7.3.1 • 7.3.2 • 7.3.3
Description: The alarm is raised when the compositeEquipmentState attribute has a value of containingEquipmentAdministrativelyDown.		
Raising condition: (('Status' EQUAL 'Parent Admin Down') AND ('isTerminatable' EQUAL 'true'))		
Clearing condition: (('Status' NOT EQUAL 'Parent Admin Down') OR ('isTerminatable' NOT EQUAL 'true'))		
Remedial action: Informational - no corrective action required.		

Table 35-14 ContainingEquipmentMismatch

Alarm	Attributes	Applicable major releases
Name: ContainingEquipmentMismatch (464) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.Port	Severity: major Implicitly cleared: true Default probable cause: containingEquipmentMismatch (328)	<ul style="list-style-type: none"> • 7.2.1 • 7.3.1 • 7.3.2 • 7.3.3
Description: The alarm is raised when the compositeEquipmentState attribute has a value of containingEquipmentMismatch.		
Raising condition: (('Status' EQUAL 'Parent Type Mismatch') AND ('isTerminatable' EQUAL 'true'))		
Clearing condition: (('Status' NOT EQUAL 'Parent Type Mismatch') OR ('isTerminatable' NOT EQUAL 'true'))		
Remedial action: A configuration error has occurred which must be corrected. The card type configured for the slot identified in the alarm must match the installed card type.		

Table 35-15 ContainingEquipmentOperationallyDown

Alarm	Attributes	Applicable major releases
Name: ContainingEquipmentOperationallyDown (465) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.Port	Severity: major Implicitly cleared: true Default probable cause: containingEquipmentDown (329)	<ul style="list-style-type: none"> • 7.2.1 • 7.3.1 • 7.3.2 • 7.3.3
Description: The alarm is raised when the compositeEquipmentState attribute has a value of containingEquipmentOperationallyDown.		
Raising condition: (('Status' EQUAL 'Parent Oper Down') AND ('isTerminatable' EQUAL 'true'))		
Clearing condition: (('Status' NOT EQUAL 'Parent Oper Down') OR ('isTerminatable' NOT EQUAL 'true'))		

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Alarm	Attributes	Applicable major releases
Remedial action: The operational state of the equipment element indicated in the alarm is down. This may be due to the element's administrative state or it may indicate that the element has failed.		

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Table 35-16 CorruptImageFile

Alarm	Attributes	Applicable major releases
Name: CorruptImageFile (171) Type: configurationAlarm (11) Package: mediation Raised on class: mediation.AbstractSoftwareFolderDescriptor	Severity: critical Implicitly cleared: true Default probable cause: invalidOrCorruptImageFile (134)	<ul style="list-style-type: none"> • 7.2.1 • 7.3.1 • 7.3.2 • 7.3.3
Description: The alarm is raised when one or more files in the 5620 SAM software image specified for a device software upgrade is invalid, corrupt or absent. The 5620 SAM validates a device software file set before it imports the file set and distributes it to an NE. Ensure that the file set downloads properly to the NE and is not tampered with before you re-attempt the upgrade. The alarm clears when a valid file set is on the NE and the 5620 SAM activates the software image in the file set.		
Raising condition: ('isImageValid' EQUAL 'false')		
Clearing condition: ('isImageValid' EQUAL 'true')		
Remedial action: The existing SW image in the SAM database should be replaced with an image that is known to be complete and valid.		

Table 35-17 downgradedCardAlarm

Alarm	Attributes	Applicable major releases
Name: downgradedCardAlarm (256) Type: softwareAlarm (19) Package: equipment Raised on class: equipment.Card	Severity: warning Implicitly cleared: true Default probable cause: downgradedCard (195)	<ul style="list-style-type: none"> • 7.2.1 • 7.3.1 • 7.3.2 • 7.3.3
Description: The alarm is raised when an IOM is not upgraded or reset after a device software upgrade of both CPMs. A device resets an IOM automatically after 120 minutes if the IOM is not manually reset after a CPM upgrade.		
Raising condition: ('operationalState' EQUAL 'Downgrade')		
Clearing condition: ('operationalState' EQUAL 'Up')		
Remedial action: Informational - no corrective action required.		

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Table 35-18 EquipmentAdministrativelyDown

Alarm	Attributes	Applicable major releases
Name: EquipmentAdministrativelyDown (455) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.Equipment	Severity: minor Implicitly cleared: true Default probable cause: equipmentAdministrativelyDown (326)	<ul style="list-style-type: none"> • 7.2.1 • 7.3.1 • 7.3.2 • 7.3.3
Description: The alarm is raised when the compositeEquipmentState attribute has a value of equipmentAdministrativelyDown.		
Raising condition: ('compositeEquipmentState' EQUAL 'Admin Down')		
Clearing condition: ('compositeEquipmentState' NOT EQUAL 'Admin Down')		
Remedial action: Informational - no corrective action required.		

Table 35-19 EquipmentDegraded

Alarm	Attributes	Applicable major releases
Name: EquipmentDegraded (604) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.FanTray	Severity: minor Implicitly cleared: true Default probable cause: singleFanFailure (450)	<ul style="list-style-type: none"> • 7.2.1 • 7.3.1 • 7.3.2 • 7.3.3
Description: The alarm is raised when a single fan fails. The chassis attempts to continue operating within the normal temperature range using only the remaining fans.		
Raising condition: ('Device State' EQUAL 'MinorFailure')		
Clearing condition: ('Device State' NOT EQUAL 'MinorFailure')		
Remedial action: The failed fan unit should be replaced.		

Table 35-20 EquipmentDown

Alarm	Attributes	Applicable major releases
Name: EquipmentDown (10) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.Equipment	Severity: major Implicitly cleared: true Default probable cause: inoperableEquipment (8)	<ul style="list-style-type: none"> • 7.2.1 • 7.3.1 • 7.3.2 • 7.3.3
Description: The alarm is raised when the compositeEquipmentState attribute has a value of equipmentOperationallyDown.		
Raising condition: ('compositeEquipmentState' EQUAL 'Oper Down')		
Clearing condition: ('compositeEquipmentState' NOT EQUAL 'Oper Down')		
Remedial action: This alarm indicates that a card in the NE has failed. The card must be replaced.		

Table 35-21 EquipmentFailure

Alarm	Attributes	Applicable major releases
Name: EquipmentFailure (145) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.ReplaceableUnit	Severity: critical Implicitly cleared: true Default probable cause: cardFailure (123)	<ul style="list-style-type: none"> • 7.2.1 • 7.3.1 • 7.3.2 • 7.3.3
Description: The alarm is raised when a control processor or power-supply tray reports a failure. When the object type is ControlProcessor, a CPM may be unable to boot. When the object type is Power Supply Tray and the alarm is raised during device discovery, a power-supply tray may be out of service. When the object type is a Power Supply Tray and the device is in the managed state, a power-supply tray may be out of service or the AC power shelf has a fault condition. The alarm clears when the status changes to OK.		
Raising condition: ('operationalState' EQUAL 'Failed')		
Clearing condition: ('operationalState' NOT EQUAL 'Failed')		
Remedial action: If the alarm indicates that the CPM card has a fault, remove the card and reset it. If this does not clear the alarm then please contact Alcatel-Lucent support for assistance. If the alarm indicates that the Power Supply tray is out of service ensure that the NE is properly connected to power. If the problem persists please contact Alcatel-Lucent support for assistance.		

Table 35-22 EquipmentInTest

Alarm	Attributes	Applicable major releases
Name: EquipmentInTest (11) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.Equipment	Severity: warning Implicitly cleared: true Default probable cause: equipmentInTest (9)	<ul style="list-style-type: none"> • 7.2.1 • 7.3.1 • 7.3.2 • 7.3.3
Description: The alarm is raised when equipment enters a diagnostic state.		
Raising condition: ('compositeEquipmentState' EQUAL 'In Test')		
Clearing condition: ('compositeEquipmentState' NOT EQUAL 'In Test')		
Remedial action: Informational - no corrective action required.		

Table 35-23 EquipmentMismatch

Alarm	Attributes	Applicable major releases
Name: EquipmentMismatch (9) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.Equipment	Severity: major Implicitly cleared: true Default probable cause: equipmentTypeMismatch (7)	<ul style="list-style-type: none"> • 7.2.1 • 7.3.1 • 7.3.2 • 7.3.3
Description: The alarm is raised when the compositeEquipmentState attribute has a value of equipmentMismatch.		
Raising condition: ('compositeEquipmentState' EQUAL 'Type Mismatch')		
Clearing condition: ('compositeEquipmentState' NOT EQUAL 'Type Mismatch')		

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Alarm	Attributes	Applicable major releases
Remedial action: A configuration error has occurred which must be corrected. The card type configured for the slot identified in the alarm must match the installed card type.		

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Table 35-24 EquipmentRemoved

Alarm	Attributes	Applicable major releases
Name: EquipmentRemoved (8) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.Equipment	Severity: major Implicitly cleared: true Default probable cause: replaceableEquipmentRemoved (6)	<ul style="list-style-type: none"> • 7.2.1 • 7.3.1 • 7.3.2 • 7.3.3
Description: The alarm is raised when the compositeEquipmentState attribute has a value of equipmentMissing.		
Raising condition: (((('isEquipped' EQUAL 'false') OR ('compositeEquipmentState' EQUAL 'Removed')) AND ('isEquipmentInserted' EQUAL 'true')))		
Clearing condition: (('compositeEquipmentState' NOT EQUAL 'Removed') AND ('isEquipped' EQUAL 'true'))		
Remedial action: Informational - this alarm is raised when a card is removed.		

Table 35-25 EthernetPortConfiguredLoopback

Alarm	Attributes	Applicable major releases
Name: EthernetPortConfiguredLoopback (801) Type: configurationAlarm (11) Package: ethernetequipment Raised on class: ethernetequipment.EthernetPortSpecifics	Severity: warning Implicitly cleared: true Default probable cause: ethernetPortConfiguredLoopback (567)	<ul style="list-style-type: none"> • 7.2.1 • 7.3.1 • 7.3.2 • 7.3.3
Description: The alarm is raised when a timed loopback is in effect for an Ethernet port.		
Raising condition: (('Type' NOT EQUAL 'None'))		
Clearing condition: (('Type' EQUAL 'None'))		
Remedial action: This alarm has been raised by the node because "Timed Loopback" option of the specific port's Ethernet property has been enabled. To resolve this problem from "Ethernet" tab of "Physical Port" properties form configure "Timed Loopback" Type property as "None".		

Table 35-26 EthernetPortDuplicateLane

Alarm	Attributes	Applicable major releases
Name: EthernetPortDuplicateLane (3557) Type: communicationsAlarm (4) Package: ethernetequipment Raised on class: ethernetequipment.EthernetPortSpecifics	Severity: major Implicitly cleared: true Default probable cause: DuplicateLane (1387)	<ul style="list-style-type: none"> • 7.2.1 • 7.3.1 • 7.3.2 • 7.3.3
Description: The alarm is raised when a device reports a Duplicate Lane on an Ethernet port.		
Raising condition: (('Outstanding Alarms'anyBit'Duplicate Lane') AND ('Report Alarms'anyBit'Duplicate Lane'))		
Clearing condition: NOT (('Outstanding Alarms'anyBit'Duplicate Lane') AND ('Report Alarms'anyBit'Duplicate Lane'))		
Remedial action: One of the following conditions exists on the referenced physical interface which must be corrected. A cable/fiber fault exists which must be corrected - check to ensure that the cable is not faulty and is properly connected. The port is faulty - run diagnostics on the port to determine the nature of the fault. If the problem cannot be resolved swap the card containing the port with a card which is known be functional.		

Table 35-27 EthernetPortHighBer

Alarm	Attributes	Applicable major releases
Name: EthernetPortHighBer (307) Type: communicationsAlarm (4) Package: ethernetequipment Raised on class: ethernetequipment.EthernetPortSpecifics	Severity: major Implicitly cleared: true Default probable cause: HighBer (238)	<ul style="list-style-type: none"> • 7.2.1 • 7.3.1 • 7.3.2 • 7.3.3
Description: The alarm is raised when a device reports a high bit-error rate on an Ethernet port.		
Raising condition: (('Outstanding Alarms'anyBit'High Bit Error Rate') AND ('Report Alarms'anyBit'High Bit Error Rate'))		
Clearing condition: NOT (('Outstanding Alarms'anyBit'High Bit Error Rate') AND ('Report Alarms'anyBit'High Bit Error Rate'))		
Remedial action: One of the following conditions exists on the physical interface which must be corrected. A cable/fiber fault exists which must be corrected - check to ensure that the cable is not faulty and is properly connected. The port is faulty - run diagnostics on the port to determine the nature of the fault.		

Table 35-28 EthernetPortLocalFault

Alarm	Attributes	Applicable major releases
Name: EthernetPortLocalFault (305) Type: communicationsAlarm (4) Package: ethernetequipment Raised on class: ethernetequipment.EthernetPortSpecifics	Severity: major Implicitly cleared: true Default probable cause: LocalFault (236)	<ul style="list-style-type: none"> • 7.2.1 • 7.3.1 • 7.3.2 • 7.3.3
Description: The alarm is raised when a device reports a local fault on an Ethernet port.		
Raising condition: (('Outstanding Alarms'anyBit'Local Fault') AND ('Report Alarms'anyBit'Local Fault'))		

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Alarm	Attributes	Applicable major releases
Clearing condition: NOT (((('Outstanding Alarms'anyBit'Local Fault') AND ('Report Alarms'anyBit'Local Fault'))		
Remedial action: One of the following conditions exists on the physical interface which must be corrected. A cable/fiber fault exists which must be corrected - check to ensure that the cable is not faulty and is properly connected. The port is faulty - run diagnostics on the port to determine the nature of the fault.		

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Table 35-29 EthernetPortNoAmLock

Alarm	Attributes	Applicable major releases
Name: EthernetPortNoAmLock (3558) Type: communicationsAlarm (4) Package: ethernetequipment Raised on class: ethernetequipment.EthernetPortSpecifics	Severity: major Implicitly cleared: true Default probable cause: NoAmLock (1388)	<ul style="list-style-type: none"> • 7.2.1 • 7.3.1 • 7.3.2 • 7.3.3
Description: The alarm is raised when a device reports a No Am Lock on an Ethernet port.		
Raising condition: (('Outstanding Alarms'anyBit'No AM Lock') AND ('Report Alarms'anyBit'No AM Lock'))		
Clearing condition: NOT (((('Outstanding Alarms'anyBit'No AM Lock') AND ('Report Alarms'anyBit'No AM Lock'))		
Remedial action: One of the following conditions exists on the referenced physical interface which must be corrected. A cable/fiber fault exists which must be corrected - check to ensure that the cable is not faulty and is properly connected. The port is faulty - run diagnostics on the port to determine the nature of the fault. If the problem cannot be resolved swap the card containing the port with a card which is known be functional.		

Table 35-30 EthernetPortNoBlockLock

Alarm	Attributes	Applicable major releases
Name: EthernetPortNoBlockLock (3559) Type: communicationsAlarm (4) Package: ethernetequipment Raised on class: ethernetequipment.EthernetPortSpecifics	Severity: major Implicitly cleared: true Default probable cause: NoBlockLock (1389)	<ul style="list-style-type: none"> • 7.2.1 • 7.3.1 • 7.3.2 • 7.3.3
Description: The alarm is raised when a device reports a No Block Lock on an Ethernet port.		
Raising condition: (('Outstanding Alarms'anyBit'No Block Lock') AND ('Report Alarms'anyBit'No Block Lock'))		
Clearing condition: NOT (((('Outstanding Alarms'anyBit'No Block Lock') AND ('Report Alarms'anyBit'No Block Lock'))		
Remedial action: One of the following conditions exists on the referenced physical interface which must be corrected. A cable/fiber fault exists which must be corrected - check to ensure that the cable is not faulty and is properly connected. The port is faulty - run diagnostics on the port to determine the nature of the fault. If the problem cannot be resolved swap the card containing the port with a card which is known be functional.		

Table 35-31 EthernetPortNoFrameLock

Alarm	Attributes	Applicable major releases
Name: EthernetPortNoFrameLock (306) Type: communicationsAlarm (4) Package: ethernetequipment Raised on class: ethernetequipment.EthernetPortSpecifics	Severity: major Implicitly cleared: true Default probable cause: NoFrameLock (237)	<ul style="list-style-type: none"> • 7.2.1 • 7.3.1 • 7.3.2 • 7.3.3
Description: The alarm is raised when a device reports No Frame Lock on an Ethernet port.		
Raising condition: (('Outstanding Alarms'anyBit'No Frame Lock') AND ('Report Alarms'anyBit'No Frame Lock'))		
Clearing condition: NOT (('Outstanding Alarms'anyBit'No Frame Lock') AND ('Report Alarms'anyBit'No Frame Lock'))		
Remedial action: One of the following conditions exists on the physical interface which must be corrected. A cable/fiber fault exists which must be corrected - check to ensure that the cable is not faulty and is properly connected. The port is faulty - run diagnostics on the port to determine the nature of the fault.		

Table 35-32 EthernetPortRemoteFault

Alarm	Attributes	Applicable major releases
Name: EthernetPortRemoteFault (304) Type: communicationsAlarm (4) Package: ethernetequipment Raised on class: ethernetequipment.EthernetPortSpecifics	Severity: major Implicitly cleared: true Default probable cause: RemoteFault (235)	<ul style="list-style-type: none"> • 7.2.1 • 7.3.1 • 7.3.2 • 7.3.3
Description: The alarm is raised when a device reports a remote fault on an Ethernet port.		
Raising condition: (('Outstanding Alarms'anyBit'Remote Fault') AND ('Report Alarms'anyBit'Remote Fault'))		
Clearing condition: NOT (('Outstanding Alarms'anyBit'Remote Fault') AND ('Report Alarms'anyBit'Remote Fault'))		
Remedial action: One of the following conditions exists on the remote physical interface which must be corrected. A cable/fiber fault exists which must be corrected - check to ensure that the cable is not faulty and is properly connected. The port is faulty - run diagnostics on the port to determine the nature of the fault.		

Table 35-33 EthernetPortSignalFailure

Alarm	Attributes	Applicable major releases
Name: EthernetPortSignalFailure (303) Type: communicationsAlarm (4) Package: ethernetequipment Raised on class: ethernetequipment.EthernetPortSpecifics	Severity: major Implicitly cleared: true Default probable cause: SignalFailure (234)	<ul style="list-style-type: none"> • 7.2.1 • 7.3.1 • 7.3.2 • 7.3.3
Description: The alarm is raised when a device reports a signal failure on an Ethernet port.		
Raising condition: (('Outstanding Alarms'anyBit'Signal Failure') AND ('Report Alarms'anyBit'Signal Failure'))		

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Alarm	Attributes	Applicable major releases
Clearing condition: NOT (('Outstanding Alarms'anyBit'Signal Failure') AND ('Report Alarms'anyBit'Signal Failure'))		
Remedial action: One of the following conditions exists on the physical interface which must be corrected. A cable/fiber fault exists which must be corrected - check to ensure that the cable is not faulty and is properly connected. The port is faulty - run diagnostics on the port to determine the nature of the fault.		

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Table 35-34 FanFailure

Alarm	Attributes	Applicable major releases
Name: FanFailure (624) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.FanTray	Severity: critical Implicitly cleared: true Default probable cause: fanFailure (116)	<ul style="list-style-type: none"> • 7.2.1 • 7.3.1 • 7.3.2 • 7.3.3
Description: The alarm is raised when the associated fan is not operationally Up.		
Raising condition: (('Device State' EQUAL 'Failed') OR ('Device State' EQUAL 'Unknown') OR ('Device State' EQUAL 'OutOfservice'))		
Clearing condition: ('Device State' EQUAL 'OK')		
Remedial action: Remove and reset the fan unit. If this does not resolve the problem replace the fan.		

Table 35-35 FanTrayRemoved

Alarm	Attributes	Applicable major releases
Name: FanTrayRemoved (569) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.FanTray	Severity: critical Implicitly cleared: true Default probable cause: FanTrayRemoved (438)	<ul style="list-style-type: none"> • 7.2.1 • 7.3.1 • 7.3.2 • 7.3.3
Description: The alarm is raised when the deviceState attribute has a value of deviceNotEquipped.		
Raising condition: ('Device State' EQUAL 'Not Equipped')		
Clearing condition: ('Device State' NOT EQUAL 'Not Equipped')		
Remedial action: Informational - a fan tray has been removed from the NE.		

Table 35-36 FrameSizeProblem (netw)

Alarm	Attributes	Applicable major releases
Name: FrameSizeProblem (37) Type: configurationAlarm (11) Package: netw Raised on class: netw.StatefullConnectableInterface	Severity: critical Implicitly cleared: true Default probable cause: frameSizeProblem (33)	<ul style="list-style-type: none"> • 7.2.1 • 7.3.1 • 7.3.2 • 7.3.3
Description: The alarm is raised when a provisioned MTU size value is greater than the supported MTU size value.		
Raising condition: (('mtuMismatch' EQUAL 'true') AND ('portId' NOT EQUAL '0L'))		
Clearing condition: (('mtuMismatch' EQUAL 'false') OR ('portId' EQUAL '0L'))		
Remedial action: A configuration error has been made which must be corrected. The MTU value must be changed such that is less than or equal to the supported MTU size value.		

Table 35-37 FrameSizeProblem (svt)

Alarm	Attributes	Applicable major releases
Name: FrameSizeProblem (37) Type: configurationAlarm (11) Package: svt Raised on class: svt.SdpBinding	Severity: critical Implicitly cleared: true Default probable cause: frameSizeProblem (33)	<ul style="list-style-type: none"> • 7.3.2 • 7.3.3
Description: The alarm is raised when a provisioned MTU size value is greater than the supported MTU size value.		
Raising condition: (('Operational State' EQUAL 'MTU Mismatch') OR ('Operational State' EQUAL 'Tunnel MTU Too Small'))		
Clearing condition: (('Operational State' NOT EQUAL 'MTU Mismatch') AND ('Operational State' NOT EQUAL 'Tunnel MTU Too Small'))		
Remedial action: The MTU value must be changed such that is is less than or equal to the supported MTU size value.		

Table 35-38 GaPeerDown

Alarm	Attributes	Applicable major releases
Name: GaPeerDown (3303) Type: EpcAlarm (59) Package: Iteggns Raised on class: Iteggns.GaPeer	Severity: major Implicitly cleared: true Default probable cause: EPSPeerDown (602)	<ul style="list-style-type: none"> • 7.2.1 • 7.3.1 • 7.3.2 • 7.3.3
Description: The alarm is raised when the path management state of a Ga peer changes to a state other than Up.		
Raising condition: ('Path Management State' NOT EQUAL 'Active')		
Clearing condition: ('Path Management State' EQUAL 'Active')		
Remedial action: A Ga reference point (peer) is operationally down for one of the following reasons: the underlying IP or physical interface is down, the far end peer is down or the underlying transport between this NE and the peer NE is down. To resolve the issue ensure that the IP/physical interface is up, check that the far end peer is operational and check that the underlying transport network is up.		

Table 35-39 IfVlanSubTypeConflict

Alarm	Attributes	Applicable major releases
Name: IfVlanSubTypeConflict (213) Type: configurationAlarm (11) Package: vlan Raised on class: vlan.L2AccessInterface	Severity: major Implicitly cleared: true Default probable cause: topologyMisconfigured (81)	<ul style="list-style-type: none"> • 7.2.1 • 7.3.1 • 7.3.2 • 7.3.3
Description: The alarm is raised when more than one type of VLAN service is configured with the same VLAN ID. The alarm is raised against an L2 access interface.		
Raising condition: ('vlanSubTypeConflict' EQUAL 'true')		
Clearing condition: ('vlanSubTypeConflict' EQUAL 'false')		
Remedial action: Ensure that only one type of VLAN Service is configured with the VLAN ID used by this Interface.		

Table 35-40 IgmpDown

Alarm	Attributes	Applicable major releases
Name: IgmpDown (158) Type: ProtocolAlarm (1) Package: igmp Raised on class: igmp.Site	Severity: critical Implicitly cleared: true Default probable cause: protocolDown (1)	<ul style="list-style-type: none"> • 7.2.1 • 7.3.1 • 7.3.2 • 7.3.3
Description: The alarm is raised when an IGMP site has an Operational State other than Up, and the Administrative State is Up.		
Raising condition: (('Administrative State' EQUAL 'Up') AND ('Operational State' NOT EQUAL 'Up'))		
Clearing condition: (('Operational State' EQUAL 'Up') OR ('Administrative State' NOT EQUAL 'Up'))		
Remedial action: While configured under VPRN, check if VPRN site is admin down, or if route distinguisher is not configured.		

Table 35-41 IgmpSnoopingDown

Alarm	Attributes	Applicable major releases
Name: IgmpSnoopingDown (161) Type: ProtocolAlarm (1) Package: layer2 Raised on class: layer2.Bridge	Severity: warning Implicitly cleared: true Default probable cause: protocolDown (1)	<ul style="list-style-type: none"> • 7.2.1 • 7.3.1 • 7.3.2 • 7.3.3
Description: The alarm is raised when IGMP snooping is disabled on an NE and a TLS VLAN or MVR VLAN service is provisioned on the NE.		
Raising condition: ('IGMP Snooping' EQUAL 'Disabled')		
Clearing condition: ('IGMP Snooping' EQUAL 'Enabled')		
Remedial action: To clear the alarm, enable IGMP Snooping under the Bridge Instance.		

Table 35-42 IncompleteConfiguration

Alarm	Attributes	Applicable major releases
Name: IncompleteConfiguration (1942) Type: operationalViolation (93) Package: netw Raised on class: netw.NetworkElement	Severity: warning Implicitly cleared: true Default probable cause: incompleteConfig (225)	<ul style="list-style-type: none"> • 7.2.1 • 7.3.1 • 7.3.2 • 7.3.3
Description: The alarm is raised when a pre-provisioned NE has no objects configured beneath it.		
Raising condition: (('State' EQUAL 'Pre-provisioned') AND ('eNodeB Equipment' EQUAL '\\""))		
Clearing condition: (('State' EQUAL 'Pre-provisioned') AND ('eNodeB Equipment' NOT EQUAL '\\""))		
Remedial action: A configuration error has been made which must be corrected. The configuration of the pre-provisioned NE is incomplete. A work order was not associated with the pre-provisioned NE and as a consequence the attempt to auto-configure the NE failed.		

Table 35-43 InterfaceDown (netw)

Alarm	Attributes	Applicable major releases
Name: InterfaceDown (36) Type: InterfaceAlarm (13) Package: netw Raised on class: netw.StatefullConnectableInterface	Severity: critical Implicitly cleared: true Default probable cause: interfaceDown (32)	<ul style="list-style-type: none"> • 7.2.1 • 7.3.1 • 7.3.2 • 7.3.3
Description: The alarm is raised when an interface or underlying resource fails, as indicated by an interface compositeState attribute value of failed or underlyingResourceFailed.		
Raising condition: (('compositeState' EQUAL 'Inoperable') OR ('compositeState' EQUAL 'Underlying Resource Inoperable'))		
Clearing condition: (('compositeState' NOT EQUAL 'Inoperable') AND ('compositeState' NOT EQUAL 'Underlying Resource Inoperable'))		
Remedial action: A physical port (physical interface, LAG, channel) associated with the network interface is not operation. Ensure that the interface is cabled and that there is not a configuration error (i.e. MTU size set incorrectly) on the interface. Once the issue w		

Table 35-44 IsisDown

Alarm	Attributes	Applicable major releases
Name: IsisDown (19) Type: ProtocolAlarm (1) Package: isis Raised on class: isis.Site	Severity: critical Implicitly cleared: true Default probable cause: protocolDown (1)	<ul style="list-style-type: none"> • 7.2.1 • 7.3.1 • 7.3.2 • 7.3.3
Description: The alarm is raised when an IS-IS site has an Operational State other than Up, and the Administrative State is Up.		
Raising condition: (('Administrative State' EQUAL 'Up') AND ('Operational State' NOT EQUAL 'Up'))		

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Alarm	Attributes	Applicable major releases
Clearing condition: (('Operational State' EQUAL 'Up') OR ('Administrative State' NOT EQUAL 'Up'))		
Remedial action: The protocol is not working anymore, could be a problem with IP addresses, resources on the device, ...		

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Table 35-45 LabelProblem

Alarm	Attributes	Applicable major releases
Name: LabelProblem (98) Type: CircuitAlarm (17) Package: svt Raised on class: svt.SdpBinding	Severity: critical Implicitly cleared: true Default probable cause: labelProblem (84)	<ul style="list-style-type: none"> • 7.3.2 • 7.3.3
Description: The alarm is raised when an ingress or an egress label is missing.		
Raising condition: (('Operational State' EQUAL 'No Egress Label') OR ('Operational State' EQUAL 'No Ingress Label') OR ('Operational State' EQUAL 'No Labels'))		
Clearing condition: (('Operational State' NOT EQUAL 'No Egress Label') AND ('Operational State' NOT EQUAL 'No Ingress Label') AND ('Operational State' NOT EQUAL 'No Labels'))		
Remedial action: An ingress or egress label is missing for the SDP binding.		

Table 35-46 LagDown

Alarm	Attributes	Applicable major releases
Name: LagDown (20) Type: equipmentAlarm (3) Package: lag Raised on class: lag.Interface	Severity: critical Implicitly cleared: true Default probable cause: lagDown (17)	<ul style="list-style-type: none"> • 7.2.1 • 7.3.1 • 7.3.2 • 7.3.3
Description: The alarm is raised when all ports in a LAG are operationally down.		
Raising condition: (('Administrative State' EQUAL 'Up') AND ('operationalState' NOT EQUAL 'Up'))		
Clearing condition: (('operationalState' EQUAL 'Up') OR ('Administrative State' NOT EQUAL 'Up'))		
Remedial action: This alarm indicates that all physical Ethernet links associated with a LAG are operationally down. The reasons for the links to be down may vary from link to link. The following possible causes of this alarm should be investigated. The physical port (near end or far end may have failed - this can be remedied by replacing the interface card in question. The physical links may have been turned down administratively - re-enable the links. A cable failure or disconnect may have occurred - please ensure that the cables are properly connected to the physical port and and that the cable has not been damaged.		

Table 35-47 LagPortAddFailed

Alarm	Attributes	Applicable major releases
Name: LagPortAddFailed (422) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.PhysicalPort	Severity: warning Implicitly cleared: true Default probable cause: linkDown (315)	<ul style="list-style-type: none"> • 7.2.1 • 7.3.1 • 7.3.2 • 7.3.3
Description: The alarm is raised when the Lag Port Add function Fails.		
Raising condition: (('state' EQUAL 'Link Down') AND ('LAG ID' > '0'))		
Clearing condition: (('state' NOT EQUAL 'Link Down') OR ('LAG ID' EQUAL '0'))		
Remedial action: A configuration error has occurred which must be corrected. The link that was to be added to the LAG group may be of the wrong type (i.e. non ethernet) or the limit of the number of links supported in a LAG may have been reached.		

Table 35-48 LicensedLimitExceeded

Alarm	Attributes	Applicable major releases
Name: LicensedLimitExceeded (127) Type: licensingAlarm (23) Package: security Raised on class: security.ProductLicense	Severity: critical Implicitly cleared: true Default probable cause: licensedLimitExceeded (106)	<ul style="list-style-type: none"> • 7.2.1 • 7.3.1 • 7.3.2 • 7.3.3
Description: The alarm is raised when the license items in the network exceeds 100 percent of the license capacity.		
Raising condition: ('Exceeded' EQUAL 'true')		
Clearing condition: ('Exceeded' NOT EQUAL 'true')		
Remedial action: Informational - The number of SAM licenses purchased and available on the SAM server is insufficient as compared to the number of NEs/MDA/Cells under management in the network. Please contact Alcatel-Lucent Sales to purchase additional licenses.		

Table 35-49 LinkDown (equipment)

Alarm	Attributes	Applicable major releases
Name: LinkDown (12) Type: communicationsAlarm (4) Package: equipment Raised on class: equipment.Equipment	Severity: major Implicitly cleared: true Default probable cause: portLinkProblem (10)	<ul style="list-style-type: none"> • 7.2.1 • 7.3.1 • 7.3.2 • 7.3.3
Description: The alarm is raised when a port has no associated physical link or remote end point is operationally down.		
Raising condition: (('compositeEquipmentState' EQUAL 'Link Down') OR ('compositeEquipmentState' EQUAL 'Oper Down'))		
Clearing condition: (('compositeEquipmentState' NOT EQUAL 'Link Down') AND ('compositeEquipmentState' NOT EQUAL 'Oper Down'))		
Remedial action: Please make sure that port has physical link and remote end point is operationally up.		

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Table 35-50 LowTemperatureDetected

Alarm	Attributes	Applicable major releases
Name: LowTemperatureDetected (1127) Type: environmentalAlarm (2) Package: equipment Raised on class: equipment.Shelf	Severity: major Implicitly cleared: true Default probable cause: equipmentOvercooled (838)	<ul style="list-style-type: none"> • 7.2.1 • 7.3.1 • 7.3.2 • 7.3.3
Description: The alarm is raised when the chassis temperature falls below the minimum threshold.		
Raising condition: ('Low Temperature State' EQUAL 'Low')		
Clearing condition: ('Low Temperature State' NOT EQUAL 'Low')		
Remedial action: The NE has detected internal temperatures which are abnormally low. This may happen when the environment that the NE is operating in may not be within specifications found in the NE user guides.		

Table 35-51 LowTemperatureThresholdCrossed

Alarm	Attributes	Applicable major releases
Name: LowTemperatureThresholdCrossed (1128) Type: environmentalAlarm (2) Package: equipment Raised on class: equipment.Environment	Severity: major Implicitly cleared: true Default probable cause: equipmentOvercooled (838)	<ul style="list-style-type: none"> • 7.2.1 • 7.3.1 • 7.3.2 • 7.3.3
Description: The alarm is raised when a low-temperature threshold is crossed.		
Raising condition: ('lowTemperatureThresholdCrossed' EQUAL 'true')		
Clearing condition: ('lowTemperatureThresholdCrossed' EQUAL 'false')		
Remedial action: The NE has detected internal temperatures which are abnormally high. This could be caused by a failed fan unit or one or more dirty fan filters. Replacing the failed unit or filters should resolve the problem. Alternately the environment that the NE is operating in may not be within specifications found in the NE user guides.		

Table 35-52 LpsViolation

Alarm	Attributes	Applicable major releases
Name: LpsViolation (518) Type: learnedPortSecurityAlarm (51) Package: lps Raised on class: lps.LearnedPortSecurity	Severity: major Implicitly cleared: true Default probable cause: learnedPortSecurityViolation (393)	<ul style="list-style-type: none"> • 7.2.1 • 7.3.1 • 7.3.2 • 7.3.3
Description: The alarm is raised when the 5620 SAM detects an LPS violation.		
Raising condition: ('Operational State' EQUAL 'Security Violated')		
Clearing condition: ('Operational State' EQUAL 'Down')		
Remedial action: Port reset is required to return the port to normal operation.		

Table 35-53 macMoveRateExceeded (service)

Alarm	Attributes	Applicable major releases
Name: macMoveRateExceeded (3690) Type: accessInterfaceAlarm (40) Package: service Raised on class: service.AccessInterface	Severity: minor Implicitly cleared: true Default probable cause: MacMoveRateExceeded (1429)	<ul style="list-style-type: none"> • 7.2.1 • 7.3.1 • 7.3.2 • 7.3.3
Description: The alarm is raised when the SAP exceeds the MAC Move Frequency of the service site.		
Raising condition: ('State Cause'anyBit'Relearn Limit Exceeded')		
Clearing condition: NOT (('State Cause'anyBit'Relearn Limit Exceeded'))		
Remedial action: Informational.		

Table 35-54 macMoveRateExceededNonBlock (service)

Alarm	Attributes	Applicable major releases
Name: macMoveRateExceededNonBlock (4893) Type: accessInterfaceAlarm (40) Package: service Raised on class: service.AccessInterface	Severity: info Implicitly cleared: true Default probable cause: MacMoveRateExceededNonBlock (1951)	<ul style="list-style-type: none"> • 7.2.1 • 7.3.1 • 7.3.2 • 7.3.3
Description: The alarm is raised when the SAP exceeds the MAC Move Frequency of the service site when limitMacMove(sapTIsLimitMacMove) is set to 'nonBlocking'.		
Raising condition: ('State Cause'anyBit'Relearn Limit Exceeded')		
Clearing condition: NOT (('State Cause'anyBit'Relearn Limit Exceeded'))		
Remedial action: Informational - User can adjust the value of 'MAC Move Maximum Rate' to reduce the frequency of this alarm.		

Table 35-55 MepAISReceivedAlarm

Alarm	Attributes	Applicable major releases
Name: MepAISReceivedAlarm (2945) Type: oamAlarm (18) Package: ethernetOAM Raised on class: ethernetOAM.Mep	Severity: variable Implicitly cleared: true Default probable cause: missingRemoteMep (388)	<ul style="list-style-type: none"> • 7.3.1 • 7.3.2 • 7.3.3
Description: The alarm is raised when a MEP receives AIS test frames from one or more of its sub-layer MEPs.		
Raising condition: (('AIS Received (AisRx)' EQUAL 'true') AND ('Facility VLAN ID' EQUAL '0'))		
Clearing condition: ('AIS Received (AisRx)' EQUAL 'false')		
Remedial action: This alarm indicates that it has received a MEP fault from a sub-layer MEP, user should investigate the fault cause on the sub-layer MEP and resolve this root cause issue.		

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Table 35-56 MobileConnectorDown

Alarm	Attributes	Applicable major releases
Name: MobileConnectorDown (1064) Type: EpcAlarm (59) Package: Iteservice Raised on class: Iteservice.MobileServiceConnector	Severity: minor Implicitly cleared: true Default probable cause: EpcDown (519)	<ul style="list-style-type: none"> • 7.2.1 • 7.3.1 • 7.3.2 • 7.3.3
Description: The alarm is raised when the 5620 SAM no longer manages the EPS path instance of this mobile service site. As a result, the service must be regenerated.		
Raising condition: ('EPS Path' EQUAL '\')		
Clearing condition: ('EPS Path' NOT EQUAL '\')		
Remedial action: The underlying transport network has gone down resulting in the deletion of a mobile service connector (EPS path). Correct the issue with the transport network and regenerate the mobile service connector by clicking on the re-calculate button on the mobile service properties form.		

Table 35-57 MvrSiteDown

Alarm	Attributes	Applicable major releases
Name: MvrSiteDown (162) Type: ProtocolAlarm (1) Package: layer2 Raised on class: layer2.MvrSite	Severity: warning Implicitly cleared: true Default probable cause: protocolDown (1)	<ul style="list-style-type: none"> • 7.2.1 • 7.3.1 • 7.3.2 • 7.3.3
Description: The alarm is raised when MVR is disabled on an NE and a TLS VLAN or MVR VLAN service is provisioned on the NE.		
Raising condition: ('MVR Admin Status' EQUAL 'Disabled')		
Clearing condition: ('MVR Admin Status' EQUAL 'Enabled')		
Remedial action: To clear the alarm, enable MVR Admin Status under the Bridge Instance.		

Table 35-58 NeighborDown

Alarm	Attributes	Applicable major releases
Name: NeighborDown (121) Type: NeighborDown (20) Package: ospf Raised on class: ospf.AbstractNeighbor	Severity: major Implicitly cleared: true Default probable cause: NeighborDown (103)	<ul style="list-style-type: none"> • 7.2.1 • 7.3.1 • 7.3.2 • 7.3.3
Description: The alarm is raised when an OSPF interface neighbor is operationally Down.		
Raising condition: ('Operational State' NOT EQUAL 'full')		
Clearing condition: ('Operational State' EQUAL 'full')		

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Alarm	Attributes	Applicable major releases
<p>Remedial action: This alarm is raised when the OSPF interface neighbor is operationally down. The situation may occur if the underlying physical interface is down either because of administrative disabling or a fault on the far end port or due to a cable connection or cable failure. This alarm will also be raised if the underlying transport network fails or is unreliable. Resolving the underlying instability in the transport network will correct this problem.</p>		

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Table 35-59 NeManagementAndTrapManagementMismatch

Alarm	Attributes	Applicable major releases
<p>Name: NeManagementAndTrapManagementMismatch (1079) Type: communicationsAlarm (4) Package: netw Raised on class: netw.NetworkElement</p>	<p>Severity: warning Implicitly cleared: true Default probable cause: neManagementChange (817)</p>	<ul style="list-style-type: none"> • 7.2.1 • 7.3.1 • 7.3.2 • 7.3.3
<p>Description: This user-defined alarm is raised when the NE configuration is one of the following: - The Active Management IP is set to Out Of Band, and the Primary Route Preference is set to In Band. - The Active Management IP is set to In Band, and the Primary Route Preference is set to Out of Band.</p>		
<p>Raising condition: (((('Active Management IP' EQUAL 'In Band') AND (('Management IP Selection' EQUAL 'In Band Preferred') OR ('Management IP Selection' EQUAL 'In Band Only')) AND ('Primary Route Preference' EQUAL 'Out Of Band') AND ('Secondary Route Preference' EQUAL 'In Band')) OR (('Active Management IP' EQUAL 'Out Of Band') AND (('Management IP Selection' EQUAL 'Out Of Band Preferred') OR ('Management IP Selection' EQUAL 'Out Of Band Only')) AND ('Primary Route Preference' EQUAL 'In Band') AND ('Secondary Route Preference' EQUAL 'Out Of Band'))))</p>		
<p>Clearing condition: (((('Active Management IP' EQUAL 'In Band') AND (('Management IP Selection' EQUAL 'In Band Preferred') OR ('Management IP Selection' EQUAL 'In Band Only')) AND ('Primary Route Preference' EQUAL 'In Band')) OR (('Active Management IP' EQUAL 'Out Of Band') AND (('Management IP Selection' EQUAL 'Out Of Band Preferred') OR ('Management IP Selection' EQUAL 'Out Of Band Only')) AND ('Primary Route Preference' EQUAL 'Out Of Band'))))</p>		
<p>Remedial action: A configuration error has been made which must be corrected. The parameters described in the description for this alarm must match.</p>		

Table 35-60 NewSsh2ServerKeyDetected

Alarm	Attributes	Applicable major releases
<p>Name: NewSsh2ServerKeyDetected (285) Type: communicationsAlarm (4) Package: security Raised on class: security.KnownHostKey</p>	<p>Severity: warning Implicitly cleared: true Default probable cause: ssh2ServerKeyMismatch (217)</p>	<ul style="list-style-type: none"> • 7.2.1 • 7.3.1 • 7.3.2 • 7.3.3
<p>Description: The alarm is raised when a 5620 SAM main server detects a new public SSH key.</p>		
<p>Raising condition: ('SSH2 Server Key Status' EQUAL 'Mismatch SSH2 Host Key')</p>		
<p>Clearing condition: ('SSH2 Server Key Status' EQUAL 'Active SSH2 Host Key')</p>		
<p>Remedial action: Informational - possible security breach. The SSH key of the router is different from the one known to the SAM server.</p>		

Table 35-61 NodeDatabaseFallbackDetected

Alarm	Attributes	Applicable major releases
Name: NodeDatabaseFallbackDetected (2923) Type: communicationsAlarm (4) Package: netw Raised on class: netw.NetworkElement	Severity: major Implicitly cleared: true Default probable cause: nodeDatabaseFallback (1121)	<ul style="list-style-type: none"> • 7.2.1 • 7.3.1 • 7.3.2 • 7.3.3
Description: The alarm is raised when a configuration fallback is detected on the node and comes back up with a previous configuration. To correct this situation it might be necessary to reconfigure the node, or perform full resync its database with the 'fallback' configuration returned by the node.		
Raising condition: ('State' EQUAL 'Node Configuration Fallback')		
Clearing condition: ('State' EQUAL 'Managed')		
Remedial action: the NE has come back to a previous configuration. Perform a manual Full Resync or a Reconfigure of the NE		

Table 35-62 NodeDatabaseMisalignmentDetected

Alarm	Attributes	Applicable major releases
Name: NodeDatabaseMisalignmentDetected (2924) Type: communicationsAlarm (4) Package: netw Raised on class: netw.NetworkElement	Severity: major Implicitly cleared: true Default probable cause: nodeDatabaseMisalignment (1122)	<ul style="list-style-type: none"> • 7.2.1 • 7.3.1 • 7.3.2 • 7.3.3
Description: The alarm is raised when a configuration misalignment has been detected on the node and comes back up with an unexpected configuration (configuration change triggered by external tool) To correct this situation it might be necessary to reconfigure the node with the 5620 SAM's old configuration or accept the new configuration received from the node.		
Raising condition: ('State' EQUAL 'Node Configuration Misalignment')		
Clearing condition: ('State' EQUAL 'Managed')		
Remedial action: the NE configuration is misaligned. Perform a resync in order to update SAM configuration according to the NE.		

Table 35-63 NodeSuspended

Alarm	Attributes	Applicable major releases
Name: NodeSuspended (5123) Type: communicationsAlarm (4) Package: netw Raised on class: netw.NetworkElement	Severity: critical Implicitly cleared: true Default probable cause: NodeSuspend (2057)	<ul style="list-style-type: none"> • 7.2.1 • 7.3.1 • 7.3.2 • 7.3.3
Description: The alarm is raised when the 5620 SAM detects an NE moved to suspend state as per user request.		
Raising condition: ('SNMP Reachability' EQUAL 'Suspended')		
Clearing condition: ('SNMP Reachability' NOT EQUAL 'Suspended')		
Remedial action: This alarm is raised when user suspends the network element. The alarm will be cleared when the network element is managed back.		

Table 35-64 OrphanNodeDetected

Alarm	Attributes	Applicable major releases
Name: OrphanNodeDetected (4866) Type: discoveryControlAlarm (33) Package: netw Raised on class: netw.AdvertisedNode	Severity: major Implicitly cleared: true Default probable cause: nodeNotMangedByAnyEms (1934)	<ul style="list-style-type: none"> • 7.2.1 • 7.3.1 • 7.3.2 • 7.3.3
Description: The alarm is raised when node is node managed by any EMS after n retries(threshold crossed) it is manually cleared by the operator or when the node is discovered.		
Raising condition: ('State' EQUAL 'Orphan')		
Remedial action: The NE is not managed by any SAM.Add an discovery rule in order to managed it.		

Table 35-65 OspfInterfaceDown

Alarm	Attributes	Applicable major releases
Name: OspfInterfaceDown (141) Type: OspfInterfaceDown (24) Package: ospf Raised on class: ospf.Interface	Severity: warning Implicitly cleared: true Default probable cause: OspfInterfaceDown (112)	<ul style="list-style-type: none"> • 7.2.1 • 7.3.1 • 7.3.2 • 7.3.3
Description: The alarm is raised when an OSPF interface is operationally down.		
Raising condition: ('operationalState' EQUAL 'Down')		
Clearing condition: ('operationalState' NOT EQUAL 'Down')		
Remedial action: This alarm is raised when the OSPF interface is operationally down. The situation may occur if the underlying physical interface is down either because of administrative disabling or a fault on the far end port or due to a cable connection or cable failure. This alarm will also be raised if the underlying transport network fails or is unreliable. Resolving the underlying instability in the transport network will correct this problem.		

Table 35-66 OverTemperatureDetected

Alarm	Attributes	Applicable major releases
Name: OverTemperatureDetected (388) Type: environmentalAlarm (2) Package: equipment Raised on class: equipment.Shelf	Severity: major Implicitly cleared: true Default probable cause: equipmentOverheated (5)	<ul style="list-style-type: none"> • 7.2.1 • 7.3.1 • 7.3.2 • 7.3.3
Description: The alarm is raised when the chassis temperature exceeds the maximum threshold value.		
Raising condition: ('Over Temperature State' EQUAL 'Over')		
Clearing condition: ('Over Temperature State' NOT EQUAL 'Over')		
Remedial action: The NE has detected internal temperatures which are abnormally high. This could be caused by a failed fan unit or one or more dirty fan filters. Replacing the failed unit or filters should resolve the problem. Alternately the environment that the NE is operating in may not be within specifications found in the NE user guides.		

Table 35-67 PartialResyncProblem

Alarm	Attributes	Applicable major releases
Name: PartialResyncProblem (4401) Type: communicationsAlarm (4) Package: netw Raised on class: netw.NetworkElement	Severity: warning Implicitly cleared: true Default probable cause: partialResyncProblem (1578)	<ul style="list-style-type: none"> • 7.2.1 • 7.3.1 • 7.3.2 • 7.3.3
Description: The alarm is raised when a partial resync on an NE fails. For example, when resyncing only some MIB entries as opposed to a full resync. The periodic reachability test (sysUpTime) is not considered a partial resync, neither is a full resync. However, a PartialResyncProblem alarm can only be reset by a FullResync.		
Raising condition: ('partialResyncStatus' EQUAL 'Partial Resync Failed')		
Clearing condition: ('partialResyncStatus' EQUAL 'Partial Resync Done')		
Remedial action: Informational - if the alarm persists or is occurring frequently then investigation is required to understand a) why the underlying transport network is unreliable or b) why the NE is too busy to respond to 5620 SAM or c) has SNMP been disabled on the NE.		

Table 35-68 PersistentIndexParametersMisconfigured

Alarm	Attributes	Applicable major releases
Name: PersistentIndexParametersMisconfigured (173) Type: configurationAlarm (11) Package: netw Raised on class: netw.NetworkElement	Severity: major Implicitly cleared: true Default probable cause: persistentIndexConfigurationMismatch (136)	<ul style="list-style-type: none"> • 7.2.1 • 7.3.1 • 7.3.2 • 7.3.3
Description: The alarm is raised when persistence is set to Off in the NE BOF.		
Raising condition: (('Persistent SNMP Indices' EQUAL 'False') OR (('hasRedundantProcessorCards' EQUAL 'true') AND ('Redundant Synchronization Mode' EQUAL 'None')))		
Clearing condition: (('Persistent SNMP Indices' EQUAL 'True') AND (('hasRedundantProcessorCards' EQUAL 'false') OR ('Redundant Synchronization Mode' NOT EQUAL 'None')))		
Remedial action: A configuration error has occurred that must be corrected. Use the CLI on the NE to enable persistency in the BOF. The discovery process will complete on the next discovery scan. A re-scan can be triggered immediately for the NE from within the discovery manager		

Table 35-69 PimDown

Alarm	Attributes	Applicable major releases
Name: PimDown (184) Type: ProtocolAlarm (1) Package: pim Raised on class: pim.Site	Severity: critical Implicitly cleared: true Default probable cause: protocolDown (1)	<ul style="list-style-type: none"> • 7.2.1 • 7.3.1 • 7.3.2 • 7.3.3
Description: The alarm is raised when a PIM site is administratively Up but operationally Down. The alarm is cleared when the PIM site becomes operationally Up but administratively Down.		

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Alarm	Attributes	Applicable major releases
Raising condition: (('Administrative State' EQUAL 'Up') AND ('Operational State' NOT EQUAL 'Up'))		
Clearing condition: (('Operational State' EQUAL 'Up') OR ('Administrative State' NOT EQUAL 'Up'))		
Remedial action: This should never happen. Contact Alcatel-Lucent Customer Support for assistance.		

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Table 35-70 PollerProblem

Alarm	Attributes	Applicable major releases
Name: PollerProblem (31) Type: communicationsAlarm (4) Package: netw Raised on class: netw.NetworkElement	Severity: warning Implicitly cleared: true Default probable cause: resyncFailed (24)	<ul style="list-style-type: none"> • 7.2.1 • 7.3.1 • 7.3.2 • 7.3.3
Description: The alarm is raised when the 5620 SAM is unable to poll a network object, for example, because of intermittent or no IP connectivity to an NE, incorrect SNMP security parameters, or disabled SNMP on the NE.		
Raising condition: ('Resync Status' EQUAL 'Full Resync Failed')		
Clearing condition: ('Resync Status' EQUAL 'Full Resync Done')		
Remedial action: Informational - if the alarm persists or is occurring frequently then investigation is required to understand a) why the underlying transport network is unreliable or b) why the NE is too busy to respond to 5620 SAM or c) has SNMP been disabled on the NE. Once the issue has been resolved SAM will automatically re-attempt.		

Table 35-71 PortEtherSymMonSDAlarm

Alarm	Attributes	Applicable major releases
Name: PortEtherSymMonSDAlarm (5662) Type: communicationsAlarm (4) Package: ethernetequipment Raised on class: ethernetequipment.EthernetPortSpecifics	Severity: major Implicitly cleared: true Default probable cause: etherPortSymMonSDThresholdExceededAlarm (2439)	<ul style="list-style-type: none"> • 7.2.1 • 7.3.1 • 7.3.2 • 7.3.3
Description: The alarm is raised when an Ethernet port Symbol Monitor Failure alarm condition is detected (Signal Degradation Threshold exceeded).		
Raising condition: ('Symbol Alarm Reason' EQUAL 'SD Threshold Exceeded')		
Clearing condition: ('Symbol Alarm Reason' NOT EQUAL 'SD Threshold Exceeded')		
Remedial action: Symbol monitor signal degradation alarm could be cleared by changing/disabling the associated threshold/multiplier values or it is self clearing and will clear once the error rate drops below 1/10th of the configured rate.		

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Table 35-72 PortEtherSymMonSFAlarm

Alarm	Attributes	Applicable major releases
Name: PortEtherSymMonSFAlarm (5663) Type: communicationsAlarm (4) Package: ethernetequipment Raised on class: ethernetequipment.EthernetPortSpecifics	Severity: major Implicitly cleared: true Default probable cause: etherPortSymMonSFThresholdExceededAlarm (2440)	<ul style="list-style-type: none"> • 7.2.1 • 7.3.1 • 7.3.2 • 7.3.3
Description: The alarm is raised when an Ethernet port Symbol Monitor Failure alarm condition is detected (Signal Failure Threshold exceeded).		
Raising condition: ('Symbol Alarm Reason' EQUAL 'SF Threshold Exceeded')		
Clearing condition: ('Symbol Alarm Reason' NOT EQUAL 'SF Threshold Exceeded')		
Remedial action: Symbol monitor signal failure alarm could be cleared by changing/disabling the associated threshold/multiplier values or by taking the port out of service (eg. shutdown, card/mda reset, physical link loss).		

Table 35-73 PowerSupplyFailure

Alarm	Attributes	Applicable major releases
Name: PowerSupplyFailure (633) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.PowerSupplyTray	Severity: critical Implicitly cleared: true Default probable cause: powerSupplyFailure (117)	<ul style="list-style-type: none"> • 7.2.1 • 7.3.1 • 7.3.2 • 7.3.3
Description: The alarm is raised when a power-supply tray reports a failure. When the alarm is raised during device discovery, a power-supply tray may be out of service. When the alarm is raised while the device is in the managed state, a power-supply tray may be out of service or the AC power shelf has a fault condition. The alarm clears when the status changes to OK.		
Raising condition: (('Power Supply 1 Status' EQUAL 'Not Equipped') OR ('Power Supply 1 Status' EQUAL 'Failed'))		
Clearing condition: (('Power Supply 1 Status' EQUAL 'OK'))		
Remedial action: Ensure that the NE is properly connected to power. If the problem persists please contact Alcatel-Lucent support for assistance.		

Table 35-74 PowerSupplyInputFeedDown

Alarm	Attributes	Applicable major releases
Name: PowerSupplyInputFeedDown (5422) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.PowerSupplyTray	Severity: minor Implicitly cleared: true Default probable cause: powerSupplyInputFeedDown (2073)	<ul style="list-style-type: none"> • 7.2.1 • 7.3.1 • 7.3.2 • 7.3.3
Description: This alarm is generated if any one of the input feeds for a given power supply is not supplying power.		
Raising condition: (('inputFeedStatus' EQUAL 'Input A Down') OR ('inputFeedStatus' EQUAL 'Input B Down') OR (('inputFeedStatus'allBits'Input A Down') AND ('inputFeedStatus'allBits'Input B Down'))		

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Alarm	Attributes	Applicable major releases
Clearing condition: ('inputFeedStatus' EQUAL 'None')		
Remedial action: Restore all of the input feeds that are not supplying power.		

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Table 35-75 PowerSupplyRemoved

Alarm	Attributes	Applicable major releases
Name: PowerSupplyRemoved (542) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.PowerSupplyTray	Severity: major Implicitly cleared: true Default probable cause: PowerSupplyRemoved (415)	<ul style="list-style-type: none"> • 7.2.1 • 7.3.1 • 7.3.2 • 7.3.3
Description: The alarm is raised when a chassis power supply is removed.		
Raising condition: ('Power Supply 1 Status' EQUAL 'Not Equipped')		
Clearing condition: ('Power Supply 1 Status' NOT EQUAL 'Not Equipped')		
Remedial action: To recover from this event, the customer is requested to add a new power supply to the system, or change a faulty power supply with a working one.		

Table 35-76 PrimaryImageBootFailure

Alarm	Attributes	Applicable major releases
Name: PrimaryImageBootFailure (191) Type: configurationAlarm (11) Package: sw Raised on class: sw.CardSoftware	Severity: warning Implicitly cleared: true Default probable cause: bootOptionFileMisconfigured (150)	<ul style="list-style-type: none"> • 7.2.1 • 7.3.1 • 7.3.2 • 7.3.3
Description: The alarm is raised when the primary software image specified in an NE BOF is unusable.		
Raising condition: (('imageSource' NOT EQUAL 'Primary') AND ('imageSource' NOT EQUAL 'Unknown'))		
Clearing condition: (('imageSource' EQUAL 'Primary') OR ('imageSource' EQUAL 'Unknown'))		
Remedial action: The SW image on the NE may have been inadvertently corrupted. Download a new copy of the SW image to the NE. If the problem persists contact Alcatel-Lucent support for assistance.		

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Table 35-77 RadiusOperStatusDown

Alarm	Attributes	Applicable major releases
Name: RadiusOperStatusDown (3692) Type: radiusOperStatusDownAlarm (105) Package: netw Raised on class: netw.NetworkElement	Severity: critical Implicitly cleared: true Default probable cause: radiusOperationStatusDown (1431)	<ul style="list-style-type: none"> • 7.2.1 • 7.3.1 • 7.3.2 • 7.3.3
Description: The alarm is raised when all RADIUS servers have gone down.		
Raising condition: ('Global RADIUS Operational State' EQUAL 'Down')		
Clearing condition: ('Global RADIUS Operational State' EQUAL 'Up')		
Remedial action: Verify the RADIUS server is properly configured and radius server state is up. Check the connectivity between SAM server and radius server configured on the Network element.		

Table 35-78 ReachabilityProblem

Alarm	Attributes	Applicable major releases
Name: ReachabilityProblem (243) Type: communicationsAlarm (4) Package: netw Raised on class: netw.NetworkElement	Severity: major Implicitly cleared: true Default probable cause: ReachabilityTestFailed (176)	<ul style="list-style-type: none"> • 7.2.1 • 7.3.1 • 7.3.2 • 7.3.3
Description: The alarm is raised when a mediation poll of the SysUpTimeAlarm object on an NE fails, for example, because of network congestion or because the NE is too busy to respond. The probable cause is an unreachable NE Mediation agent on the NE. The polling interval depends on the NE type and is configurable in nms-server.xml. By default, the 5620 SAM polls a managed NE every four minutes. If a poll fails, the alarm is raised. The alarm clears when the 5620 SAM receives a response from the NE, and the 5620 SAM GUI icon that represents the NE turns from red to green.		
Raising condition: ('SNMP Reachability' EQUAL 'Down')		
Remedial action: Informational - if the alarm persists or is occurring frequently then investigation is required to understand a) why the underlying transport network is unreliable or b) why the NE is too busy to respond to 5620 SAM or c) has SNMP been disabled on the NE. Once the issue has been resolved SAM will automatically re-attempt.		

Table 35-79 ReconfigFailure

Alarm	Attributes	Applicable major releases
Name: ReconfigFailure (1949) Type: communicationsAlarm (4) Package: netw Raised on class: netw.NetworkElement	Severity: critical Implicitly cleared: true Default probable cause: failedReconfig (937)	<ul style="list-style-type: none"> • 7.2.1 • 7.3.1 • 7.3.2 • 7.3.3
Description: This alarm is raised when the reconfig action failed.		
Raising condition: ('State' EQUAL 'Failed')		
Clearing condition: ('State' NOT EQUAL 'Failed')		

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Alarm	Attributes	Applicable major releases
Remedial action: Verify that the object is configured as expected.		

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Table 35-80 RedundantMepMisconfiguration

Alarm	Attributes	Applicable major releases
Name: RedundantMepMisconfiguration (3631) Type: oamAlarm (18) Package: ethernetToam Raised on class: ethernetToam.Mep	Severity: minor Implicitly cleared: true Default probable cause: misconfiguredRedundantMep (1416)	<ul style="list-style-type: none"> • 7.2.1 • 7.3.1 • 7.3.2 • 7.3.3
Description: The alarm is raised when an Active and Redundant MEP do not have the same ID, Operational MAC Address or Sub Group configured.		
Raising condition: ('validRedundantMepConfig' EQUAL 'false')		
Clearing condition: ('validRedundantMepConfig' EQUAL 'true')		
Remedial action: MC-LAG redundant MEP configuration (MEP ID or Mac Address) for Active & Standby Interfaces do not match, this could cause issues with CFM or CCM tests if Active interface changes. Delete and Re-create Standby MEP to match Active.		

Table 35-81 RedundantMepMissing

Alarm	Attributes	Applicable major releases
Name: RedundantMepMissing (3632) Type: oamAlarm (18) Package: ethernetToam Raised on class: ethernetToam.Mep	Severity: minor Implicitly cleared: true Default probable cause: missingRedundantMep (1417)	<ul style="list-style-type: none"> • 7.3.1 • 7.3.2 • 7.3.3
Description: The alarm is raised when a MEP misses a redundant counterpart on LAG or SAP.		
Raising condition: (('MC-LAG Inactive' NOT EQUAL 'Not Applicable') AND ('Redundant MEP' EQUAL '\'))		
Clearing condition: (('MC-LAG Inactive' EQUAL 'Not Applicable') OR (('MC-LAG Inactive' NOT EQUAL 'Not Applicable') AND ('Redundant MEP' NOT EQUAL '\')))		
Remedial action: MC-LAG redundant MEP is missing Active & Standby Interfaces, this will cause issues with CFM or CCM tests if Active interface changes. Create missing Active/Standby MEP to match existing.		

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Table 35-82 RemoteMepCCMAAlarm

Alarm	Attributes	Applicable major releases
Name: RemoteMepCCMAAlarm (502) Type: oamAlarm (18) Package: ethernetToam Raised on class: ethernetToam.Mep	Severity: major Implicitly cleared: true Default probable cause: missingRemoteMep (388)	<ul style="list-style-type: none"> • 7.2.1 • 7.3.1 • 7.3.2 • 7.3.3
Description: The alarm is raised when a MEP loses connectivity with one or more remote MEPs. The Remote MEP DB State tab on a MEP lists the missing remote MEPs.		
Raising condition: ('High-Priority Defect' NOT EQUAL '0')		
Clearing condition: ('High-Priority Defect' EQUAL '0')		
Remedial action: MEP has lost communication with Remote MEP defined in Maintenance Association (MEG) Remote MEP list, Either Remote MEP list is incorrect or diagnose connection fault and resolve.		

Table 35-83 RipDown

Alarm	Attributes	Applicable major releases
Name: RipDown (72) Type: ProtocolAlarm (1) Package: rip Raised on class: rip.Site	Severity: critical Implicitly cleared: true Default probable cause: protocolDown (1)	<ul style="list-style-type: none"> • 7.2.1 • 7.3.1 • 7.3.2 • 7.3.3
Description: The alarm is raised when a RIP site has an Operational State other than Up, and the Administrative State is Up.		
Raising condition: (('Administrative State' EQUAL 'Up') AND ('Operational State' NOT EQUAL 'Up'))		
Clearing condition: (('Operational State' EQUAL 'Up') OR ('Administrative State' NOT EQUAL 'Up'))		
Remedial action: The RIP Site is down while it is administratively up. Please check the node e.g. IOM is not shutdown or installed.		

Table 35-84 SaveConfigFailed

Alarm	Attributes	Applicable major releases
Name: SaveConfigFailed (105) Type: configurationAlarm (11) Package: sw Raised on class: sw.BackupRestoreManager	Severity: major Implicitly cleared: true Default probable cause: fileAccessError (90)	<ul style="list-style-type: none"> • 7.2.1 • 7.3.1 • 7.3.2 • 7.3.3
Description: The alarm is raised when the admin save command on an NE fails.		
Raising condition: ('Config Save State' EQUAL 'Failure')		
Clearing condition: ('Config Save State' EQUAL 'Success')		
Remedial action: Attempt the admin save command a second time. If the problem persists please contact Alcatel-Lucent support for assistance.		

Table 35-85 ScheduledPollerProblem

Alarm	Attributes	Applicable major releases
Name: ScheduledPollerProblem (4386) Type: communicationsAlarm (4) Package: netw Raised on class: netw.NetworkElement	Severity: warning Implicitly cleared: true Default probable cause: scheduledResyncFailed (1569)	<ul style="list-style-type: none"> • 7.2.1 • 7.3.1 • 7.3.2 • 7.3.3
Description: The alarm is raised when the 5620 SAM is unable to poll a network object, for example, because of intermittent or no IP connectivity to an NE, incorrect SNMP security parameters, or disabled SNMP on the NE.		
Raising condition: ('Scheduled Resync Status' EQUAL 'Scheduled Resync Failed')		
Clearing condition: ('Scheduled Resync Status' EQUAL 'Scheduled Resync Done')		
Remedial action: Informational - if the alarm persists or is occurring frequently then investigation is required to understand a) why the underlying transport network is unreliable or b) why the NE is too busy to respond to 5620 SAM or c) has SNMP been disabled on the NE. Once the issue has been resolved SAM will automatically re-attempt.		

Table 35-86 SdpBindingDown

Alarm	Attributes	Applicable major releases
Name: SdpBindingDown (221) Type: SdpBindingAlarm (30) Package: svt Raised on class: svt.SdpBinding	Severity: critical Implicitly cleared: true Default probable cause: SdpBindingNotReady (166)	<ul style="list-style-type: none"> • 7.3.2 • 7.3.3
Description: The alarm is raised when an SDP binding has an Operational State other than Up.		
Raising condition: (('Operational State' NOT EQUAL 'Up') AND ('State Cause' NOT EQUAL 'Standby For BGP Multi-Homing'))		
Clearing condition: (('Operational State' EQUAL 'Up') OR ('State Cause' EQUAL 'Standby For BGP Multi-Homing'))		
Remedial action: To resolve this alarm check the SDP binding to determine if a configuration mismatch exists. If configuration is determined to be correct then the associated network interface may be down. Further investigation is required to determine why the underlying network interface is down.		

Table 35-87 SdpBindingTunnelDown

Alarm	Attributes	Applicable major releases
Name: SdpBindingTunnelDown (222) Type: CircuitAlarm (17) Package: svt Raised on class: svt.SdpBinding	Severity: critical Implicitly cleared: true Default probable cause: SdpTunnelNotReady (167)	<ul style="list-style-type: none"> • 7.3.2 • 7.3.3
Description: The alarm is raised when an SDP binding tunnel has an Operational State other than Up.		
Raising condition: (('Operational State' EQUAL 'Tunnel Not Ready') OR ('Operational State' EQUAL 'Tunnel Down'))		
Clearing condition: (('Operational State' NOT EQUAL 'Tunnel Not Ready') AND ('Operational State' NOT EQUAL 'Tunnel Down'))		

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Alarm	Attributes	Applicable major releases
Remedial action: To resolve this alarm check the endpoints of the SDP binding to determine if a configuration mismatch exists. If configuration matches then the underlying network resource between the endpoints of the SDP may be down. Further investigation is required to determine why the underlying transport network is down.		

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Table 35-88 ServiceSiteDown

Alarm	Attributes	Applicable major releases
Name: ServiceSiteDown (97) Type: serviceAlarm (16) Package: service Raised on class: service.Site	Severity: critical Implicitly cleared: true Default probable cause: siteDown (83)	<ul style="list-style-type: none"> • 7.2.1 • 7.3.1 • 7.3.2 • 7.3.3
Description: The alarm is raised when all SAPs on a site are operationally down, or when the service tunnels for the site are operationally down.		
Raising condition: (('Operational State' NOT EQUAL 'Up') AND ('State Cause' NOT EQUAL 'All Spoke SDP Bindings are Standby'))		
Clearing condition: (('Operational State' EQUAL 'Up') OR ('State Cause' EQUAL 'All Spoke SDP Bindings are Standby'))		
Remedial action: The network resources (i.e. physical ports for SAPs, or physical ports/LSP) associated with the service site should be examined to determine if/why they are operationally down. The underlying transport network supporting the site may also be unreliable.		

Table 35-89 SiteManagementVlanConflict

Alarm	Attributes	Applicable major releases
Name: SiteManagementVlanConflict (223) Type: configurationAlarm (11) Package: vlan Raised on class: vlan.Site	Severity: warning Implicitly cleared: true Default probable cause: topologyMisconfigured (81)	<ul style="list-style-type: none"> • 7.2.1 • 7.3.1 • 7.3.2 • 7.3.3
Description: The alarm is raised when the management VLAN ID is used for another type of service.		
Raising condition: ('managementVlanConflict' EQUAL 'true')		
Clearing condition: ('managementVlanConflict' EQUAL 'false')		
Remedial action: Ensure that the VLAN ID of this Management Service Site is not used on any other type of VLAN Service Site.		

Table 35-90 SiteVlanSubTypeConflict

Alarm	Attributes	Applicable major releases
Name: SiteVlanSubTypeConflict (224) Type: configurationAlarm (11) Package: vlan Raised on class: vlan.Site	Severity: major Implicitly cleared: true Default probable cause: topologyMisconfigured (81)	<ul style="list-style-type: none"> • 7.2.1 • 7.3.1 • 7.3.2 • 7.3.3
Description: The alarm is raised when more than one type of VLAN service has the same VLAN ID. The alarm is raised against a site.		
Raising condition: ('vlanSubTypeConflict' EQUAL 'true')		
Clearing condition: ('vlanSubTypeConflict' EQUAL 'false')		
Remedial action: Ensure that only one type of VLAN Service is configured with the VLAN ID used by this Site.		

Table 35-91 SpbSiteDown

Alarm	Attributes	Applicable major releases
Name: SpbSiteDown (4396) Type: ProtocolAlarm (1) Package: spb Raised on class: spb.Site	Severity: critical Implicitly cleared: true Default probable cause: protocolDown (1)	<ul style="list-style-type: none"> • 7.3.2 • 7.3.3
Description: The alarm is raised when an SPB site has an Operational State other than Up.		
Raising condition: ('Operational State' NOT EQUAL 'Up')		
Clearing condition: ('Operational State' EQUAL 'Up')		
Remedial action: Check if the administrative state is down. If the administrative state is up, then check the ISIS instance associated with the SPB and make sure it is up.		

Table 35-92 StatsRetrieveFailed

Alarm	Attributes	Applicable major releases
Name: StatsRetrieveFailed (244) Type: configurationAlarm (11) Package: sw Raised on class: sw.AccountingStatsRetrievalManager	Severity: major Implicitly cleared: false Default probable cause: fileTransferFailure (89)	<ul style="list-style-type: none"> • 7.2.1 • 7.3.1 • 7.3.2 • 7.3.3
Description: The alarm is raised when the 5620 SAM main or auxiliary server cannot transfer an accounting file from an NE.		
Raising condition: (('Stats Retrieval State' NOT EQUAL 'Success') AND ('Stats Retrieval State' NOT EQUAL 'Not Attempted'))		
Remedial action: Informational - if the alarm persists or is occurring frequently then investigation is required to understand a) why the underlying transport network is unreliable or b) why the NE is too busy or otherwise cannot respond to the 5620 SAM main or auxiliary server.		

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Table 35-93 SubscriberSystemNextHopUsageHigh

Alarm	Attributes	Applicable major releases
Name: SubscriberSystemNextHopUsageHigh (5157) Type: thresholdCrossed (6) Package: netw Raised on class: netw.NetworkElement	Severity: minor Implicitly cleared: true Default probable cause: resourceFull (53)	<ul style="list-style-type: none"> • 7.2.1 • 7.3.1 • 7.3.2 • 7.3.3
Description: The alarm is raised when the IP next-hop usage by subscriber managed routes reaches its high watermark, cleared when it reaches its low watermark again; the watermarks are derived from the limit specified with the property subSysNextHopLimit.		
Raising condition: ('IP Next Hop Usage High' EQUAL 'true')		
Clearing condition: ('IP Next Hop Usage High' EQUAL 'false')		
Remedial action: The alarm is raised when the IP next-hop usage by subscriber managed routes reaches its high watermark, cleared when it reaches its low watermark again; the watermarks are derived from the limit specified with the property subSysNextHopLimit. There is no immediate effect, but when the usage actually hits the limit, new hosts will not get their managed routes.		

Table 35-94 SubSysChassMemoryUsageHi

Alarm	Attributes	Applicable major releases
Name: SubSysChassMemoryUsageHi (5656) Type: thresholdCrossed (6) Package: equipment Raised on class: equipment.Shelf	Severity: minor Implicitly cleared: true Default probable cause: resourceFull (53)	<ul style="list-style-type: none"> • 7.2.1 • 7.3.1 • 7.3.2 • 7.3.3
Description: This alarm is raised when the memory usage by subscriber management on this system or chassis reaches its high watermark ('true').		
Raising condition: ('Memory Usage High' EQUAL 'True')		
Clearing condition: (('Memory Usage High' EQUAL 'False') OR ('Memory Usage High' EQUAL 'unspecified'))		
Remedial action: The memory usage by subscriber management on this system has reached its high watermark. Please check your memory usage.		

Table 35-95 TemperatureThresholdCrossed

Alarm	Attributes	Applicable major releases
Name: TemperatureThresholdCrossed (7) Type: environmentalAlarm (2) Package: equipment Raised on class: equipment.Environment	Severity: major Implicitly cleared: true Default probable cause: equipmentOverheated (5)	<ul style="list-style-type: none"> • 7.2.1 • 7.3.1 • 7.3.2 • 7.3.3
Description: The alarm is raised when a temperature crosses a threshold.		
Raising condition: ('temperatureThresholdCrossed' EQUAL 'true')		

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Alarm	Attributes	Applicable major releases
Clearing condition: ('temperatureThresholdCrossed' EQUAL 'false')		
Remedial action: The NE has detected internal temperatures which are abnormally high. This could be caused by a failed fan unit or one or more dirty fan filters. Replacing the failed unit or filters should resolve the problem. Alternately the environment that the NE is operating in may not be within specifications found in the NE user guides.		

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Table 35-96 TmxEqPortEtherLoopDetected

Alarm	Attributes	Applicable major releases
Name: TmxEqPortEtherLoopDetected (461) Type: portEtherLoopDetected (48) Package: ethernetequipment Raised on class: ethernetequipment.EthernetPortSpecifics	Severity: major Implicitly cleared: true Default probable cause: HighBer (238)	<ul style="list-style-type: none"> • 7.2.1 • 7.3.1 • 7.3.2 • 7.3.3
Description: The alarm is raised when a device detects a physical loop on an Ethernet port.		
Raising condition: (('Down When Looped Status' EQUAL 'Loop Detected'))		
Clearing condition: (('Down When Looped Status' EQUAL 'No Loop Detected'))		
Remedial action: An Ethernet port has been mis-cabled - please remove the loopback cable on the port.		

Table 35-97 TrapDestinationMisconfigured

Alarm	Attributes	Applicable major releases
Name: TrapDestinationMisconfigured (33) Type: configurationAlarm (11) Package: netw Raised on class: netw.NetworkElement	Severity: major Implicitly cleared: true Default probable cause: trapDestinationMisconfigured (26) Applicable probable causes: <ul style="list-style-type: none"> • trapDestinationMisconfigured • duplicateTrapLogId 	<ul style="list-style-type: none"> • 7.2.1 • 7.3.1 • 7.3.2 • 7.3.3
Description: The alarm is raised when the 5620 SAM cannot be added to the NE's SNMP trap destinations.		
Raising condition: ('isTrapDestinationMisconfigured' EQUAL 'true')		
Clearing condition: ('isTrapDestinationMisconfigured' EQUAL 'false')		
Remedial action: A configuration error has been made which must be corrected. The SNMP trap destination on the NE must be configured to the IP address of the SAM server.		

Table 35-98 TrapReceivingFailure

Alarm	Attributes	Applicable major releases
Name: TrapReceivingFailure (1083) Type: communications (87) Package: netw Raised on class: netw.NetworkElement	Severity: major Implicitly cleared: false Default probable cause: trapsWillNotBeSent (822)	<ul style="list-style-type: none"> • 7.2.1 • 7.3.1 • 7.3.2 • 7.3.3
Description: This user-defined alarm is raised when the NE is unable to send traps because the NE configuration is one of the following: - The Management IP Selection is set to Out Of Band Only, the Primary Route Preference is set to In Band, and the Secondary Route Preference is set to None. - The Management IP Selection is set to In Band Only, the Primary Route Preference is set to Out Of Band, and the Secondary Route Preference is set to None.		
Raising condition: (((('Active Management IP' EQUAL 'In Band') AND ('Management IP Selection' EQUAL 'In Band Only') AND ('Primary Route Preference' EQUAL 'Out Of Band') AND ('Secondary Route Preference' EQUAL 'None')) OR (('Active Management IP' EQUAL 'Out Of Band') AND ('Management IP Selection' EQUAL 'Out Of Band Only') AND ('Primary Route Preference' EQUAL 'In Band') AND ('Secondary Route Preference' EQUAL 'None')) OR (('Active Management IP' EQUAL 'Out Of Band') AND ('Management IP Selection' EQUAL 'In Band Preferred') AND ('Primary Route Preference' EQUAL 'In Band') AND ('Secondary Route Preference' EQUAL 'None')) OR (('Active Management IP' EQUAL 'In Band') AND ('Management IP Selection' EQUAL 'Out Of Band Preferred') AND ('Primary Route Preference' EQUAL 'Out Of Band') AND ('Secondary Route Preference' EQUAL 'None'))))		
Clearing condition: (((('Active Management IP' EQUAL 'In Band') AND ('Management IP Selection' EQUAL 'In Band Only') AND (('Primary Route Preference' EQUAL 'In Band') OR ('Secondary Route Preference' EQUAL 'In Band')) OR (('Active Management IP' EQUAL 'Out Of Band') AND ('Management IP Selection' EQUAL 'Out Of Band Only') AND (('Primary Route Preference' EQUAL 'Out Of Band') OR ('Secondary Route Preference' EQUAL 'Out Of Band')) OR (('Active Management IP' EQUAL 'Out Of Band') AND ('Management IP Selection' EQUAL 'In Band Preferred') AND (('Primary Route Preference' EQUAL 'Out Of Band') OR ('Secondary Route Preference' EQUAL 'Out Of Band')) OR (('Active Management IP' EQUAL 'In Band') AND ('Management IP Selection' EQUAL 'In Band Preferred') AND (('Primary Route Preference' EQUAL 'In Band') OR ('Secondary Route Preference' EQUAL 'In Band')) OR (('Active Management IP' EQUAL 'In Band') AND ('Management IP Selection' EQUAL 'Out Of Band Preferred') AND (('Primary Route Preference' EQUAL 'In Band') OR ('Secondary Route Preference' EQUAL 'In Band')) OR (('Active Management IP' EQUAL 'Out Of Band') AND ('Management IP Selection' EQUAL 'Out Of Band Preferred') AND (('Primary Route Preference' EQUAL 'Out Of Band') OR ('Secondary Route Preference' EQUAL 'Out Of Band'))))		
Remedial action: A configuration error has been made which must be corrected. The configuration error must be corrected per the discussion in the description for this alarm.		

Table 35-99 TrapRoutePreferenceRedundancyMissing

Alarm	Attributes	Applicable major releases
Name: TrapRoutePreferenceRedundancyMissing (1084) Type: communications (87) Package: netw Raised on class: netw.NetworkElement	Severity: warning Implicitly cleared: true Default probable cause: trapsRedundancyMissing (823)	<ul style="list-style-type: none"> • 7.2.1 • 7.3.1 • 7.3.2 • 7.3.3
Description: The user-defined alarm is raised when NE management redundancy is configured without trap route preference redundancy.		
Raising condition: (((('Management IP Selection' EQUAL 'In Band Preferred') AND ('Active Management IP' EQUAL 'In Band') AND ('Primary Route Preference' EQUAL 'In Band') AND ('Secondary Route Preference' EQUAL 'None')) OR (('Management IP Selection' EQUAL 'Out Of Band Preferred') AND ('Active Management IP' EQUAL 'Out Of Band') AND ('Primary Route Preference' EQUAL 'Out Of Band') AND ('Secondary Route Preference' EQUAL 'None'))))		
Clearing condition: (((('Management IP Selection' EQUAL 'In Band Preferred') AND ('Active Management IP' EQUAL 'In Band') AND ('Secondary Route Preference' NOT EQUAL 'None')) OR (('Management IP Selection' EQUAL 'Out Of Band Preferred') AND ('Active Management IP' EQUAL 'Out Of Band') AND ('Secondary Route Preference' NOT EQUAL 'None'))))		

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Alarm	Attributes	Applicable major releases
Remedial action: A configuration error has been made which must be corrected. The IP address of the standby SAM server must be configured on the NE in question.		

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Table 35-100 UnidentifiedNode

Alarm	Attributes	Applicable major releases
Name: UnidentifiedNode (1922) Type: communicationsAlarm (4) Package: netw Raised on class: netw.DiscoveredNode	Severity: major Implicitly cleared: true Default probable cause: unidentifiedNode (922)	<ul style="list-style-type: none"> • 7.2.1 • 7.3.1 • 7.3.2 • 7.3.3
Description: The alarm is raised when the node being discovered can not be properly identified.		
Raising condition: ('State' EQUAL 'Pending Identification')		
Clearing condition: ('State' NOT EQUAL 'Pending Identification')		
Remedial action: A configuration error has occurred that must be corrected. The eNodeB does not have a system name. The name can be configured by selecting the alarm, opening the associated properties form for the alarmed object and configuring the system name.		

Table 35-101 UnmanageFailed

Alarm	Attributes	Applicable major releases
Name: UnmanageFailed (300) Type: discoveryControlAlarm (33) Package: netw Raised on class: netw.NodeDiscoveryControl	Severity: warning Implicitly cleared: true Default probable cause: unableToDeleteNode (231)	<ul style="list-style-type: none"> • 7.2.1 • 7.3.1 • 7.3.2 • 7.3.3
Description: The alarm is raised when an attempt to unmanage an NE fails.		
Raising condition: ('Site State' EQUAL 'Unmanage Failed')		
Clearing condition: ('Site State' NOT EQUAL 'Unmanage Failed')		
Remedial action: Informational - if the alarm persists please contact Alcatel-Lucent support for assistance		

Table 35-102 UpgradedBuildVersionMismatch

Alarm	Attributes	Applicable major releases
Name: UpgradedBuildVersionMismatch (174) Type: configurationAlarm (11) Package: netw Raised on class: netw.NetworkElement	Severity: warning Implicitly cleared: true Default probable cause: upgradedImageNotBooted (137)	<ul style="list-style-type: none"> • 7.2.1 • 7.3.1 • 7.3.2 • 7.3.3

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Alarm	Attributes	Applicable major releases
Description: The alarm is raised when the software version that an NE reports after a software upgrade does not match the version of the software used for the upgrade.		
Raising condition: ('upgradedBuildVersionMismatch' EQUAL 'true')		
Clearing condition: ('upgradedBuildVersionMismatch' EQUAL 'false')		
Remedial action: Informational - if the alarm persists please contact Alcatel-Lucent support for assistance		

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Table 35-103 upgradedCardAlarm

Alarm	Attributes	Applicable major releases
Name: upgradedCardAlarm (255) Type: softwareAlarm (19) Package: equipment Raised on class: equipment.Card	Severity: warning Implicitly cleared: true Default probable cause: upgradedCard (194)	<ul style="list-style-type: none"> • 7.2.1 • 7.3.1 • 7.3.2 • 7.3.3
Description: The alarm is raised when the standby CPM is rebooted and operational after a software upgrade. A device resets an IOM automatically after 120 minutes if the IOM is not manually reset after a CPM upgrade.		
Raising condition: ('operationalState' EQUAL 'Upgrade')		
Clearing condition: ('operationalState' EQUAL 'Up')		
Remedial action: Informational - no corrective action required.		

Table 35-104 VersionConfigRestoreFailed

Alarm	Attributes	Applicable major releases
Name: VersionConfigRestoreFailed (536) Type: configurationAlarm (11) Package: sw Raised on class: sw.BackupRestoreManager	Severity: major Implicitly cleared: true Default probable cause: versionMismatch (405)	<ul style="list-style-type: none"> • 7.2.1 • 7.3.1 • 7.3.2 • 7.3.3
Description: The alarm is raised when the restore procedure on an NE fails because of a mismatch between the backup file set version and the NE software version.		
Raising condition: ('lastNmsVersionRestoreState' EQUAL 'Failure')		
Clearing condition: ('lastNmsVersionRestoreState' EQUAL 'Success')		
Remedial action: The backup files being restored do not match with the version of node software release. Download a new copy of the SW image to the NE. If the problem persists contact Alcatel-Lucent support for assistance.		

Table 35-105 VirtualLinkDown

Alarm	Attributes	Applicable major releases
Name: VirtualLinkDown (122) Type: VirtualLinkAlarm (21) Package: ospf Raised on class: ospf.VirtualLink	Severity: warning Implicitly cleared: true Default probable cause: VirtualLinkDown (104)	<ul style="list-style-type: none"> • 7.2.1 • 7.3.1 • 7.3.2 • 7.3.3
Description: The alarm is raised when a virtual link is Down.		
Raising condition: ('Operational State' EQUAL 'Down')		
Clearing condition: ('Operational State' NOT EQUAL 'Down')		
Remedial action: This alarm is raised when the OSPF virtual link is operationally down. The situation may occur if the underlying physical interface is down either because of administrative disabling or a fault on the far end port or due to a cable connection or cable failure. This alarm will also be raised if the underlying transport network fails or is unreliable. Resolving the underlying instability in the transport network will correct this problem.		

Table 35-106 VirtualNeighborDown

Alarm	Attributes	Applicable major releases
Name: VirtualNeighborDown (123) Type: VirtualNeighborDown (22) Package: ospf Raised on classes: <ul style="list-style-type: none"> • ospf.ShamLink • ospf.VirtualLink 	Severity: warning Implicitly cleared: true Default probable cause: VirtualNeighborDown (105)	<ul style="list-style-type: none"> • 7.2.1 • 7.3.1 • 7.3.2 • 7.3.3
Description: The alarm is raised when a neighbor virtual link is operationally down.		
Raising condition: ('neighborCount' EQUAL '0L')		
Clearing condition: ('neighborCount' NOT EQUAL '0L')		
Remedial action: This alarm is raised when the OSPF neighbor virtual link is operationally down. The situation may occur if the underlying physical interface is down either because of administrative disabling or a fault on the far end port or due to a cable connection or cable failure. This alarm will also be raised if the underlying transport network fails or is unreliable. Resolving the underlying instability in the transport network will correct this problem.		

Table 35-107 WrongCpaaSoftwareVersion

Alarm	Attributes	Applicable major releases
Name: WrongCpaaSoftwareVersion (791) Type: equipmentAlarm (3) Package: netw Raised on class: netw.NetworkElement	Severity: critical Implicitly cleared: true Default probable cause: wrongCpaaSoftwareVersion (559)	<ul style="list-style-type: none"> • 7.2.1 • 7.3.1 • 7.3.2 • 7.3.3
Description: The alarm is raised when the 7701 CPAA software is the wrong version and requires an upgrade.		
Raising condition: (('Software Version' EQUAL "\"TiMOS-B-3.0.Generic \"") AND ('Chassis Type' EQUAL '7701 CPAA'))		

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Alarm	Attributes	Applicable major releases
Clearing condition: (('Software Version' NOT EQUAL '\TIMOS-B-3.0.Generic \") AND ('Chassis Type' EQUAL '7701 CPAA'))		
Remedial action: The SW version of the CPAA must be upgraded to the version compatible with CPAM version.		

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Note – Some alarms that the 5620 SAM can raise against this device may not be listed in this chapter. Associating alarms with specific NE types is an ongoing Alcatel-Lucent effort. If the 5620 SAM raises an alarm against this device type, and the alarm is not described in this chapter, see chapter 41 for information about the alarm.

Table 36-1 AccessInterfaceDown

Alarm	Attributes	Applicable major releases
Name: AccessInterfaceDown (249) Type: AccessInterfaceAlarm (32) Package: service Raised on class: service.AccessInterface	Severity: critical Implicitly cleared: true Default probable cause: interfaceDown (32)	<ul style="list-style-type: none"> • 6.3.4 • 6.4.2 • 6.4.3
Description: The alarm is raised when an L2 or L3 interface operational state is Down. The alarm is not raised against an L2 access interface that is associated with an MC ring or MC LAG in the standby state.		
Raising condition: (('Operational State' NOT EQUAL 'Up') AND ('State Cause' NOT EQUAL 'Standby For MC-Ring') AND ('State Cause' NOT EQUAL 'Standby For MC-Lag') AND ('State Cause' NOT EQUAL 'Standby For BGP Multi-homing'))		
Clearing condition: (('Operational State' EQUAL 'Up') OR ('State Cause' EQUAL 'Standby For MC-Ring') OR ('State Cause' EQUAL 'Standby For MC-Lag') OR ('State Cause' EQUAL 'Standby For BGP Multi-homing'))		
Remedial action: The condition exists because the physical interface is down either because it is administratively disabled, faulty or a cabling fault has occurred. Ensure that the interface is administratively up. Check for a poor cable connection to the port or for a faulty cable/fiber. If neither appears to be the problem run diagnostics on the port to determine if it is faulty.		

Table 36-2 ActiveAbnormalCondition

Alarm	Attributes	Applicable major releases
Name: ActiveAbnormalCondition (3938) Type: activeAbnormalConditionAlarm (116) Package: netw Raised on class: netw.NetworkElement	Severity: major Implicitly cleared: true Default probable cause: ActiveAbnormalConditionState (1520)	<ul style="list-style-type: none"> • 6.3.4 • 6.4.2 • 6.4.3
Description: The alarm is an indication for abnormal condition on NE.		
Raising condition: ('abnormalCondition' EQUAL 'true')		
Clearing condition: ('abnormalCondition' EQUAL 'false')		
Remedial action: This alarm is raised when there is a abnormal state indication on NE.		

Table 36-3 AggregatedVFLPortDown

Alarm	Attributes	Applicable major releases
Name: AggregatedVFLPortDown (5436) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.Shelf	Severity: critical Implicitly cleared: true Default probable cause: connectivityIssue (2137)	<ul style="list-style-type: none"> • 6.3.4 • 6.4.2 • 6.4.3
Description: The alarm is generated when the aggregated virtual fabric link on the virtual chassis slot is down.		
Raising condition: (('Shelf Type' EQUAL '7850') AND ('Total Slots' EQUAL '4') AND ('Virtual Fabric Link State' NOT EQUAL 'Up'))		
Clearing condition: (('Shelf Type' EQUAL '7850') AND ('Total Slots' EQUAL '4') AND ('Virtual Fabric Link State' EQUAL 'Up'))		
Remedial action: The alarm is raised when the aggregated virtual fabric link on the virtual chassis is down. Please check the virtual fabric links for the virtual chassis setup.		

Table 36-4 AGWDiameterPeerDown

Alarm	Attributes	Applicable major releases
Name: AGWDiameterPeerDown (844) Type: EpcAlarm (59) Package: Ite Raised on class: Ite.AGWDiameterPeer	Severity: variable Implicitly cleared: true Default probable cause: EPSPeerDown (602)	<ul style="list-style-type: none"> • 6.3.4 • 6.4.2 • 6.4.3
Description: The alarm is raised when the path management state of a Diameter peer changes to a state other than Up.		
Raising condition: ('Path Diameter Management State' NOT EQUAL 'Active')		
Clearing condition: ('Path Diameter Management State' EQUAL 'Active')		
Remedial action: A Ga reference point (peer) is operationally down for one of the following reasons: the underlying IP or physical interface is down, the far end peer is down or the underlying transport between this NE and the peer NE is down. To resolve the issue ensure that the IP/physical interface is up, check that the far end peer is operational and check that the underlying transport network is up.		

Table 36-5 AuxiliaryServerStatus

Alarm	Attributes	Applicable major releases
Name: AuxiliaryServerStatus (311) Type: communicationsAlarm (4) Package: server Raised on class: server.AuxiliaryServer	Severity: critical Implicitly cleared: true Default probable cause: systemFailed (144)	<ul style="list-style-type: none"> • 6.3.4 • 6.4.2 • 6.4.3
Description: The alarm is raised when a 5620 SAM main server cannot communicate with an auxiliary server. The alarm clears when communication is restored.		
Raising condition: ('Server Status' EQUAL 'Down')		
Clearing condition: ('Server Status' EQUAL 'Up')		
Remedial action: Informational - if the alarm persists or is occurring frequently then investigation is required to understand why the connectivity between the AUX and SAM servers is unreliable.		

Table 36-6 BgpDown

Alarm	Attributes	Applicable major releases
Name: BgpDown (6) Type: ProtocolAlarm (1) Package: bgp Raised on class: bgp.Site	Severity: critical Implicitly cleared: true Default probable cause: protocolDown (1)	<ul style="list-style-type: none"> • 6.3.4 • 6.4.2 • 6.4.3
Description: The alarm is raised when a BGP instance has an Operational State other than Up, and the Administrative State is Up.		
Raising condition: (('Administrative State' EQUAL 'Up') AND ('Operational State' NOT EQUAL 'Up'))		
Clearing condition: (('Operational State' EQUAL 'Up') OR ('Administrative State' NOT EQUAL 'Up'))		
Remedial action: The BGP protocol entity is down - administratively disable BGP and re-enable. If the problem persists please contact Alcatel-Lucent support for assistance.		

Table 36-7 BootableConfigBackupFailed

Alarm	Attributes	Applicable major releases
Name: BootableConfigBackupFailed (103) Type: configurationAlarm (11) Package: sw Raised on class: sw.BackupRestoreManager	Severity: major Implicitly cleared: true Default probable cause: fileTransferFailure (89)	<ul style="list-style-type: none"> • 6.3.4 • 6.4.2 • 6.4.3
Description: The alarm is raised when the 5620 SAM fails to back up a set of NE configuration files.		
Raising condition: ('Backup State' EQUAL 'Failure')		
Clearing condition: ('Backup State' EQUAL 'Success')		

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Alarm	Attributes	Applicable major releases
Remedial action: Investigation is required to resolve the following possible scenarios: insufficient disk space is available to accommodate the NE configuration files (additional SAM platform alarms will accompany this alarm); the NE is unreachable (including underlying transport network issue); loss of connectivity to the NE during transfer; the FTP daemon on the NE may have stopped; FTP security credential issues.		

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Table 36-8 BootableConfigRestoreFailed

Alarm	Attributes	Applicable major releases
Name: BootableConfigRestoreFailed (104) Type: configurationAlarm (11) Package: sw Raised on class: sw.BackupRestoreManager	Severity: major Implicitly cleared: true Default probable cause: fileTransferFailure (89)	<ul style="list-style-type: none"> • 6.3.4 • 6.4.2 • 6.4.3
Description: The alarm is raised when the 5620 SAM fails to restore a set of NE configuration files.		
Raising condition: ('Restore State' EQUAL 'Failure')		
Clearing condition: ('Restore State' EQUAL 'Success')		
Remedial action: Investigation is required to resolve the following possible scenarios: the NE is unreachable (including underlying transport network issue); loss of connectivity to the NE during transfer; the FTP daemon on the NE may have stopped; FTP security credential issues.		

Table 36-9 BootParametersMisconfigured

Alarm	Attributes	Applicable major releases
Name: BootParametersMisconfigured (35) Type: configurationAlarm (11) Package: netw Raised on class: netw.NetworkElement	Severity: critical Implicitly cleared: true Default probable cause: persistentIndexFailure (30) Applicable probable causes: <ul style="list-style-type: none"> • persistentIndexFailure • configFileBootFailure 	<ul style="list-style-type: none"> • 6.3.4 • 6.4.2 • 6.4.3
Description: The alarm is raised when the SNMP Index Boot Status on an NE is not set to Persistent.		
Raising condition: (('isGenericNode' EQUAL 'false') AND ('State' NOT EQUAL 'Pre-provisioned') AND (('Config File Status' NOT EQUAL 'Executed Successfully') AND ('Config File Status' NOT EQUAL 'configFileStatus_unspecified')) OR (('Persistent Index Status' NOT EQUAL 'Rebuild Succeeded') AND ('Persistent Index Status' NOT EQUAL 'persistentIndexStatus_unspecified'))))		
Clearing condition: (('Config File Status' EQUAL 'Executed Successfully') AND ('Persistent Index Status' EQUAL 'Rebuild Succeeded'))		
Remedial action: Ensure that "SNMP Index Boot Status" is persistent (using cli command "show system information" on the NE). If not, unmanage the network element from SAM, ensure that "persist on" is set in the bof file, save the bof, save a config file, verify that an index file (.ndx) is saved as well, reboot the router, verify that SNMP Index Boot Status is persistent and finally remanage the router from SAM.		

Table 36-10 ClientDelegateServerStatus

Alarm	Attributes	Applicable major releases
Name: ClientDelegateServerStatus (731) Type: communicationsAlarm (4) Package: server Raised on class: server.ClientDelegateServer	Severity: critical Implicitly cleared: true Default probable cause: systemFailed (144)	<ul style="list-style-type: none"> • 6.3.4 • 6.4.2 • 6.4.3
Description: The alarm is raised when a client delegate server is unreachable.		
Raising condition: ('Server Status' EQUAL 'Down')		
Clearing condition: ('Server Status' EQUAL 'Up')		
Remedial action: Informational - if the alarm persists or is occurring frequently then investigation is required to understand why the connectivity between the client delegate platform and SAM servers is unreliable or the client delegate server itself is unreliable.		

Table 36-11 ContainingEquipmentAdministrativelyDown

Alarm	Attributes	Applicable major releases
Name: ContainingEquipmentAdministrativelyDown (466) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.Port	Severity: minor Implicitly cleared: true Default probable cause: containingEquipmentAdministrativelyDown (330)	<ul style="list-style-type: none"> • 6.3.4 • 6.4.2 • 6.4.3
Description: The alarm is raised when the compositeEquipmentState attribute has a value of containingEquipmentAdministrativelyDown.		
Raising condition: (('Status' EQUAL 'Parent Admin Down') AND ('isTerminatable' EQUAL 'true'))		
Clearing condition: (('Status' NOT EQUAL 'Parent Admin Down') OR ('isTerminatable' NOT EQUAL 'true'))		
Remedial action: Informational - no corrective action required.		

Table 36-12 ContainingEquipmentMismatch

Alarm	Attributes	Applicable major releases
Name: ContainingEquipmentMismatch (464) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.Port	Severity: major Implicitly cleared: true Default probable cause: containingEquipmentMismatch (328)	<ul style="list-style-type: none"> • 6.3.4 • 6.4.2 • 6.4.3
Description: The alarm is raised when the compositeEquipmentState attribute has a value of containingEquipmentMismatch.		
Raising condition: (('Status' EQUAL 'Parent Type Mismatch') AND ('isTerminatable' EQUAL 'true'))		
Clearing condition: (('Status' NOT EQUAL 'Parent Type Mismatch') OR ('isTerminatable' NOT EQUAL 'true'))		
Remedial action: A configuration error has occurred which must be corrected. The card type configured for the slot identified in the alarm must match the installed card type.		

Table 36-13 ContainingEquipmentOperationallyDown

Alarm	Attributes	Applicable major releases
Name: ContainingEquipmentOperationallyDown (465) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.Port	Severity: major Implicitly cleared: true Default probable cause: containingEquipmentDown (329)	<ul style="list-style-type: none"> • 6.3.4 • 6.4.2 • 6.4.3
Description: The alarm is raised when the compositeEquipmentState attribute has a value of containingEquipmentOperationallyDown.		
Raising condition: (('Status' EQUAL 'Parent Oper Down') AND ('isTerminatable' EQUAL 'true'))		
Clearing condition: (('Status' NOT EQUAL 'Parent Oper Down') OR ('isTerminatable' NOT EQUAL 'true'))		
Remedial action: The operational state of the equipment element indicated in the alarm is down. This may be due to the element's administrative state or it may indicate that the element has failed.		

Table 36-14 CorruptImageFile

Alarm	Attributes	Applicable major releases
Name: CorruptImageFile (171) Type: configurationAlarm (11) Package: mediation Raised on class: mediation.AbstractSoftwareFolderDescriptor	Severity: critical Implicitly cleared: true Default probable cause: invalidOrCorruptImageFile (134)	<ul style="list-style-type: none"> • 6.3.4 • 6.4.2 • 6.4.3
Description: The alarm is raised when one or more files in the 5620 SAM software image specified for a device software upgrade is invalid, corrupt or absent. The 5620 SAM validates a device software file set before it imports the file set and distributes it to an NE. Ensure that the file set downloads properly to the NE and is not tampered with before you re-attempt the upgrade. The alarm clears when a valid file set is on the NE and the 5620 SAM activates the software image in the file set.		
Raising condition: ('isImageValid' EQUAL 'false')		
Clearing condition: ('isImageValid' EQUAL 'true')		
Remedial action: The existing SW image in the SAM database should be replaced with an image that is known to be complete and valid.		

Table 36-15 downgradedCardAlarm

Alarm	Attributes	Applicable major releases
Name: downgradedCardAlarm (256) Type: softwareAlarm (19) Package: equipment Raised on class: equipment.Card	Severity: warning Implicitly cleared: true Default probable cause: downgradedCard (195)	<ul style="list-style-type: none"> • 6.3.4 • 6.4.2 • 6.4.3
Description: The alarm is raised when an IOM is not upgraded or reset after a device software upgrade of both CPMs. A device resets an IOM automatically after 120 minutes if the IOM is not manually reset after a CPM upgrade.		

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Alarm	Attributes	Applicable major releases
Raising condition: ('operationalState' EQUAL 'Downgrade')		
Clearing condition: ('operationalState' EQUAL 'Up')		
Remedial action: Informational - no corrective action required.		

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Table 36-16 EquipmentAdministrativelyDown

Alarm	Attributes	Applicable major releases
Name: EquipmentAdministrativelyDown (455) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.Equipment	Severity: minor Implicitly cleared: true Default probable cause: equipmentAdministrativelyDown (326)	<ul style="list-style-type: none"> • 6.3.4 • 6.4.2 • 6.4.3
Description: The alarm is raised when the compositeEquipmentState attribute has a value of equipmentAdministrativelyDown.		
Raising condition: ('compositeEquipmentState' EQUAL 'Admin Down')		
Clearing condition: ('compositeEquipmentState' NOT EQUAL 'Admin Down')		
Remedial action: Informational - no corrective action required.		

Table 36-17 EquipmentDegraded

Alarm	Attributes	Applicable major releases
Name: EquipmentDegraded (604) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.FanTray	Severity: minor Implicitly cleared: true Default probable cause: singleFanFailure (450)	<ul style="list-style-type: none"> • 6.3.4 • 6.4.2 • 6.4.3
Description: The alarm is raised when a single fan fails. The chassis attempts to continue operating within the normal temperature range using only the remaining fans.		
Raising condition: ('Device State' EQUAL 'MinorFailure')		
Clearing condition: ('Device State' NOT EQUAL 'MinorFailure')		
Remedial action: The failed fan unit should be replaced.		

Table 36-18 EquipmentDown

Alarm	Attributes	Applicable major releases
Name: EquipmentDown (10) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.Equipment	Severity: major Implicitly cleared: true Default probable cause: inoperableEquipment (8)	<ul style="list-style-type: none"> • 6.3.4 • 6.4.2 • 6.4.3
Description: The alarm is raised when the compositeEquipmentState attribute has a value of equipmentOperationallyDown.		
Raising condition: ('compositeEquipmentState' EQUAL 'Oper Down')		
Clearing condition: ('compositeEquipmentState' NOT EQUAL 'Oper Down')		
Remedial action: This alarm indicates that a card in the NE has failed. The card must be replaced.		

Table 36-19 EquipmentFailure

Alarm	Attributes	Applicable major releases
Name: EquipmentFailure (145) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.ReplaceableUnit	Severity: critical Implicitly cleared: true Default probable cause: cardFailure (123)	<ul style="list-style-type: none"> • 6.3.4 • 6.4.2 • 6.4.3
Description: The alarm is raised when a control processor or power-supply tray reports a failure. When the object type is ControlProcessor, a CPM may be unable to boot. When the object type is Power Supply Tray and the alarm is raised during device discovery, a power-supply tray may be out of service. When the object type is a Power Supply Tray and the device is in the managed state, a power-supply tray may be out of service or the AC power shelf has a fault condition. The alarm clears when the status changes to OK.		
Raising condition: ('operationalState' EQUAL 'Failed')		
Clearing condition: ('operationalState' NOT EQUAL 'Failed')		
Remedial action: If the alarm indicates that the CPM card has a fault, remove the card and reset it. If this does not clear the alarm then please contact Alcatel-Lucent support for assistance. If the alarm indicates that the Power Supply tray is out of service ensure that the NE is properly connected to power. If the problem persists please contact Alcatel-Lucent support for assistance.		

Table 36-20 EquipmentInTest

Alarm	Attributes	Applicable major releases
Name: EquipmentInTest (11) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.Equipment	Severity: warning Implicitly cleared: true Default probable cause: equipmentInTest (9)	<ul style="list-style-type: none"> • 6.3.4 • 6.4.2 • 6.4.3
Description: The alarm is raised when equipment enters a diagnostic state.		
Raising condition: ('compositeEquipmentState' EQUAL 'In Test')		
Clearing condition: ('compositeEquipmentState' NOT EQUAL 'In Test')		

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Alarm	Attributes	Applicable major releases
Remedial action: Informational - no corrective action required.		

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Table 36-21 EquipmentMismatch

Alarm	Attributes	Applicable major releases
Name: EquipmentMismatch (9) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.Equipment	Severity: major Implicitly cleared: true Default probable cause: equipmentTypeMismatch (7)	<ul style="list-style-type: none"> • 6.3.4 • 6.4.2 • 6.4.3
Description: The alarm is raised when the compositeEquipmentState attribute has a value of equipmentMismatch.		
Raising condition: ('compositeEquipmentState' EQUAL 'Type Mismatch')		
Clearing condition: ('compositeEquipmentState' NOT EQUAL 'Type Mismatch')		
Remedial action: A configuration error has occurred which must be corrected. The card type configured for the slot identified in the alarm must match the installed card type.		

Table 36-22 EquipmentRemoved

Alarm	Attributes	Applicable major releases
Name: EquipmentRemoved (8) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.Equipment	Severity: major Implicitly cleared: true Default probable cause: replaceableEquipmentRemoved (6)	<ul style="list-style-type: none"> • 6.3.4 • 6.4.2 • 6.4.3
Description: The alarm is raised when the compositeEquipmentState attribute has a value of equipmentMissing.		
Raising condition: (((('isEquipped' EQUAL 'false') OR ('compositeEquipmentState' EQUAL 'Removed')) AND ('isEquipmentInserted' EQUAL 'true'))		
Clearing condition: (('compositeEquipmentState' NOT EQUAL 'Removed') AND ('isEquipped' EQUAL 'true'))		
Remedial action: Informational - this alarm is raised when a card is removed.		

Table 36-23 EthernetPortConfiguredLoopback

Alarm	Attributes	Applicable major releases
Name: EthernetPortConfiguredLoopback (801) Type: configurationAlarm (11) Package: ethernetequipment Raised on class: ethernetequipment.EthernetPortSpecifics	Severity: warning Implicitly cleared: true Default probable cause: ethernetPortConfiguredLoopback (567)	<ul style="list-style-type: none"> • 6.3.4 • 6.4.2 • 6.4.3

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Alarm	Attributes	Applicable major releases
Description: The alarm is raised when a timed loopback is in effect for an Ethernet port.		
Raising condition: (('Type' NOT EQUAL 'None'))		
Clearing condition: (('Type' EQUAL 'None'))		
Remedial action: This alarm has been raised by the node because "Timed Loopback" option of the specific port's Ethernet property has been enabled. To resolve this problem from "Ethernet" tab of "Physical Port" properties form configure "Timed Loopback" Type property as "None".		

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Table 36-24 EthernetPortDuplicateLane

Alarm	Attributes	Applicable major releases
Name: EthernetPortDuplicateLane (3557) Type: communicationsAlarm (4) Package: ethernetequipment Raised on class: ethernetequipment.EthernetPortSpecifics	Severity: major Implicitly cleared: true Default probable cause: DuplicateLane (1387)	<ul style="list-style-type: none"> • 6.3.4 • 6.4.2 • 6.4.3
Description: The alarm is raised when a device reports a Duplicate Lane on an Ethernet port.		
Raising condition: (('Outstanding Alarms'anyBit'Duplicate Lane') AND ('Report Alarms'anyBit'Duplicate Lane'))		
Clearing condition: NOT (('Outstanding Alarms'anyBit'Duplicate Lane') AND ('Report Alarms'anyBit'Duplicate Lane'))		
Remedial action: One of the following conditions exists on the referenced physical interface which must be corrected. A cable/fiber fault exists which must be corrected - check to ensure that the cable is not faulty and is properly connected. The port is faulty - run diagnostics on the port to determine the nature of the fault. If the problem cannot be resolved swap the card containing the port with a card which is known be functional.		

Table 36-25 EthernetPortHighBer

Alarm	Attributes	Applicable major releases
Name: EthernetPortHighBer (307) Type: communicationsAlarm (4) Package: ethernetequipment Raised on class: ethernetequipment.EthernetPortSpecifics	Severity: major Implicitly cleared: true Default probable cause: HighBer (238)	<ul style="list-style-type: none"> • 6.3.4 • 6.4.2 • 6.4.3
Description: The alarm is raised when a device reports a high bit-error rate on an Ethernet port.		
Raising condition: (('Outstanding Alarms'anyBit'High Bit Error Rate') AND ('Report Alarms'anyBit'High Bit Error Rate'))		
Clearing condition: NOT (('Outstanding Alarms'anyBit'High Bit Error Rate') AND ('Report Alarms'anyBit'High Bit Error Rate'))		
Remedial action: One of the following conditions exists on the physical interface which must be corrected. A cable/fiber fault exists which must be corrected - check to ensure that the cable is not faulty and is properly connected. The port is faulty - run diagnostics on the port to determine the nature of the fault.		

Table 36-26 EthernetPortLocalFault

Alarm	Attributes	Applicable major releases
Name: EthernetPortLocalFault (305) Type: communicationsAlarm (4) Package: ethernetequipment Raised on class: ethernetequipment.EthernetPortSpecifics	Severity: major Implicitly cleared: true Default probable cause: LocalFault (236)	<ul style="list-style-type: none"> • 6.3.4 • 6.4.2 • 6.4.3
Description: The alarm is raised when a device reports a local fault on an Ethernet port.		
Raising condition: (('Outstanding Alarms'anyBit'Local Fault') AND ('Report Alarms'anyBit'Local Fault'))		
Clearing condition: NOT (('Outstanding Alarms'anyBit'Local Fault') AND ('Report Alarms'anyBit'Local Fault'))		
Remedial action: One of the following conditions exists on the physical interface which must be corrected. A cable/fiber fault exists which must be corrected - check to ensure that the cable is not faulty and is properly connected. The port is faulty - run diagnostics on the port to determine the nature of the fault.		

Table 36-27 EthernetPortNoAmLock

Alarm	Attributes	Applicable major releases
Name: EthernetPortNoAmLock (3558) Type: communicationsAlarm (4) Package: ethernetequipment Raised on class: ethernetequipment.EthernetPortSpecifics	Severity: major Implicitly cleared: true Default probable cause: NoAmLock (1388)	<ul style="list-style-type: none"> • 6.3.4 • 6.4.2 • 6.4.3
Description: The alarm is raised when a device reports a No Am Lock on an Ethernet port.		
Raising condition: (('Outstanding Alarms'anyBit'No AM Lock') AND ('Report Alarms'anyBit'No AM Lock'))		
Clearing condition: NOT (('Outstanding Alarms'anyBit'No AM Lock') AND ('Report Alarms'anyBit'No AM Lock'))		
Remedial action: One of the following conditions exists on the referenced physical interface which must be corrected. A cable/fiber fault exists which must be corrected - check to ensure that the cable is not faulty and is properly connected. The port is faulty - run diagnostics on the port to determine the nature of the fault. If the problem cannot be resolved swap the card containing the port with a card which is known be functional.		

Table 36-28 EthernetPortNoBlockLock

Alarm	Attributes	Applicable major releases
Name: EthernetPortNoBlockLock (3559) Type: communicationsAlarm (4) Package: ethernetequipment Raised on class: ethernetequipment.EthernetPortSpecifics	Severity: major Implicitly cleared: true Default probable cause: NoBlockLock (1389)	<ul style="list-style-type: none"> • 6.3.4 • 6.4.2 • 6.4.3
Description: The alarm is raised when a device reports a No Block Lock on an Ethernet port.		
Raising condition: (('Outstanding Alarms'anyBit'No Block Lock') AND ('Report Alarms'anyBit'No Block Lock'))		

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Alarm	Attributes	Applicable major releases
Clearing condition: NOT (('Outstanding Alarms'anyBit'No Block Lock') AND ('Report Alarms'anyBit'No Block Lock'))		
Remedial action: One of the following conditions exists on the referenced physical interface which must be corrected. A cable/fiber fault exists which must be corrected - check to ensure that the cable is not faulty and is properly connected. The port is faulty - run diagnostics on the port to determine the nature of the fault. If the problem cannot be resolved swap the card containing the port with a card which is known be functional.		

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Table 36-29 EthernetPortNoFrameLock

Alarm	Attributes	Applicable major releases
Name: EthernetPortNoFrameLock (306) Type: communicationsAlarm (4) Package: ethernetequipment Raised on class: ethernetequipment.EthernetPortSpecifics	Severity: major Implicitly cleared: true Default probable cause: NoFrameLock (237)	<ul style="list-style-type: none"> • 6.3.4 • 6.4.2 • 6.4.3
Description: The alarm is raised when a device reports No Frame Lock on an Ethernet port.		
Raising condition: (('Outstanding Alarms'anyBit'No Frame Lock') AND ('Report Alarms'anyBit'No Frame Lock'))		
Clearing condition: NOT (('Outstanding Alarms'anyBit'No Frame Lock') AND ('Report Alarms'anyBit'No Frame Lock'))		
Remedial action: One of the following conditions exists on the physical interface which must be corrected. A cable/fiber fault exists which must be corrected - check to ensure that the cable is not faulty and is properly connected. The port is faulty - run diagnostics on the port to determine the nature of the fault.		

Table 36-30 EthernetPortRemoteFault

Alarm	Attributes	Applicable major releases
Name: EthernetPortRemoteFault (304) Type: communicationsAlarm (4) Package: ethernetequipment Raised on class: ethernetequipment.EthernetPortSpecifics	Severity: major Implicitly cleared: true Default probable cause: RemoteFault (235)	<ul style="list-style-type: none"> • 6.3.4 • 6.4.2 • 6.4.3
Description: The alarm is raised when a device reports a remote fault on an Ethernet port.		
Raising condition: (('Outstanding Alarms'anyBit'Remote Fault') AND ('Report Alarms'anyBit'Remote Fault'))		
Clearing condition: NOT (('Outstanding Alarms'anyBit'Remote Fault') AND ('Report Alarms'anyBit'Remote Fault'))		
Remedial action: One of the following conditions exists on the remote physical interface which must be corrected. A cable/fiber fault exists which must be corrected - check to ensure that the cable is not faulty and is properly connected. The port is faulty - run diagnostics on the port to determine the nature of the fault.		

Table 36-31 EthernetPortSignalFailure

Alarm	Attributes	Applicable major releases
Name: EthernetPortSignalFailure (303) Type: communicationsAlarm (4) Package: ethernetequipment Raised on class: ethernetequipment.EthernetPortSpecifics	Severity: major Implicitly cleared: true Default probable cause: SignalFailure (234)	<ul style="list-style-type: none"> • 6.3.4 • 6.4.2 • 6.4.3
Description: The alarm is raised when a device reports a signal failure on an Ethernet port.		
Raising condition: (('Outstanding Alarms'anyBit'Signal Failure') AND ('Report Alarms'anyBit'Signal Failure'))		
Clearing condition: NOT (('Outstanding Alarms'anyBit'Signal Failure') AND ('Report Alarms'anyBit'Signal Failure'))		
Remedial action: One of the following conditions exists on the physical interface which must be corrected. A cable/fiber fault exists which must be corrected - check to ensure that the cable is not faulty and is properly connected. The port is faulty - run diagnostics on the port to determine the nature of the fault.		

Table 36-32 FanFailure

Alarm	Attributes	Applicable major releases
Name: FanFailure (624) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.FanTray	Severity: critical Implicitly cleared: true Default probable cause: fanFailure (116)	<ul style="list-style-type: none"> • 6.3.4 • 6.4.2 • 6.4.3
Description: The alarm is raised when the associated fan is not operationally Up.		
Raising condition: (('Device State' EQUAL 'Failed') OR ('Device State' EQUAL 'Unknown') OR ('Device State' EQUAL 'OutOfservice'))		
Clearing condition: ('Device State' EQUAL 'OK')		
Remedial action: Remove and reset the fan unit. If this does not resolve the problem replace the fan.		

Table 36-33 FanTrayRemoved

Alarm	Attributes	Applicable major releases
Name: FanTrayRemoved (569) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.FanTray	Severity: critical Implicitly cleared: true Default probable cause: FanTrayRemoved (438)	<ul style="list-style-type: none"> • 6.3.4 • 6.4.2 • 6.4.3
Description: The alarm is raised when the deviceState attribute has a value of deviceNotEquipped.		
Raising condition: ('Device State' EQUAL 'Not Equipped')		
Clearing condition: ('Device State' NOT EQUAL 'Not Equipped')		
Remedial action: Informational - a fan tray has been removed from the NE.		

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Table 36-34 FrameSizeProblem (netw)

Alarm	Attributes	Applicable major releases
Name: FrameSizeProblem (37) Type: configurationAlarm (11) Package: netw Raised on class: netw.StatefullConnectableInterface	Severity: critical Implicitly cleared: true Default probable cause: frameSizeProblem (33)	<ul style="list-style-type: none"> • 6.3.4 • 6.4.2 • 6.4.3
Description: The alarm is raised when a provisioned MTU size value is greater than the supported MTU size value.		
Raising condition: (('mtuMismatch' EQUAL 'true') AND ('portId' NOT EQUAL '0L'))		
Clearing condition: (('mtuMismatch' EQUAL 'false') OR ('portId' EQUAL '0L'))		
Remedial action: A configuration error has been made which must be corrected. The MTU value must be changed such that is less than or equal to the supported MTU size value.		

Table 36-35 GaPeerDown

Alarm	Attributes	Applicable major releases
Name: GaPeerDown (3303) Type: EpcAlarm (59) Package: Iteggns Raised on class: Iteggns.GaPeer	Severity: major Implicitly cleared: true Default probable cause: EPSPeerDown (602)	<ul style="list-style-type: none"> • 6.3.4 • 6.4.2 • 6.4.3
Description: The alarm is raised when the path management state of a Ga peer changes to a state other than Up.		
Raising condition: ('Path Management State' NOT EQUAL 'Active')		
Clearing condition: ('Path Management State' EQUAL 'Active')		
Remedial action: A Ga reference point (peer) is operationally down for one of the following reasons: the underlying IP or physical interface is down, the far end peer is down or the underlying transport between this NE and the peer NE is down. To resolve the issue ensure that the IP/physical interface is up, check that the far end peer is operational and check that the underlying transport network is up.		

Table 36-36 IfVlanSubTypeConflict

Alarm	Attributes	Applicable major releases
Name: IfVlanSubTypeConflict (213) Type: configurationAlarm (11) Package: vlan Raised on class: vlan.L2AccessInterface	Severity: major Implicitly cleared: true Default probable cause: topologyMisconfigured (81)	<ul style="list-style-type: none"> • 6.3.4 • 6.4.2 • 6.4.3
Description: The alarm is raised when more than one type of VLAN service is configured with the same VLAN ID. The alarm is raised against an L2 access interface.		
Raising condition: ('vlanSubTypeConflict' EQUAL 'true')		
Clearing condition: ('vlanSubTypeConflict' EQUAL 'false')		

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Alarm	Attributes	Applicable major releases
Remedial action: Ensure that only one type of VLAN Service is configured with the VLAN ID used by this Interface.		

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Table 36-37 IgmpDown

Alarm	Attributes	Applicable major releases
Name: IgmpDown (158) Type: ProtocolAlarm (1) Package: igmp Raised on class: igmp.Site	Severity: critical Implicitly cleared: true Default probable cause: protocolDown (1)	<ul style="list-style-type: none"> • 6.3.4 • 6.4.2 • 6.4.3
Description: The alarm is raised when an IGMP site has an Operational State other than Up, and the Administrative State is Up.		
Raising condition: (('Administrative State' EQUAL 'Up') AND ('Operational State' NOT EQUAL 'Up'))		
Clearing condition: (('Operational State' EQUAL 'Up') OR ('Administrative State' NOT EQUAL 'Up'))		
Remedial action: While configured under VPRN, check if VPRN site is admin down, or if route distinguisher is not configured.		

Table 36-38 IgmpSnoopingDown

Alarm	Attributes	Applicable major releases
Name: IgmpSnoopingDown (161) Type: ProtocolAlarm (1) Package: layer2 Raised on class: layer2.Bridge	Severity: warning Implicitly cleared: true Default probable cause: protocolDown (1)	<ul style="list-style-type: none"> • 6.3.4 • 6.4.2 • 6.4.3
Description: The alarm is raised when IGMP snooping is disabled on an NE and a TLS VLAN or MVR VLAN service is provisioned on the NE.		
Raising condition: ('IGMP Snooping' EQUAL 'Disabled')		
Clearing condition: ('IGMP Snooping' EQUAL 'Enabled')		
Remedial action: To clear the alarm, enable IGMP Snooping under the Bridge Instance.		

Table 36-39 IncompleteConfiguration

Alarm	Attributes	Applicable major releases
Name: IncompleteConfiguration (1942) Type: operationalViolation (93) Package: netw Raised on class: netw.NetworkElement	Severity: warning Implicitly cleared: true Default probable cause: incompleteConfig (225)	<ul style="list-style-type: none"> • 6.3.4 • 6.4.2 • 6.4.3
Description: The alarm is raised when a pre-provisioned NE has no objects configured beneath it.		

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Alarm	Attributes	Applicable major releases
Raising condition: (('State' EQUAL 'Pre-provisioned') AND ('eNodeB Equipment' EQUAL '\'))		
Clearing condition: (('State' EQUAL 'Pre-provisioned') AND ('eNodeB Equipment' NOT EQUAL '\'))		
Remedial action: A configuration error has been made which must be corrected. The configuration of the pre-provisioned NE is incomplete. A work order was not associated with the pre-provisioned NE and as a consequence the attempt to auto-configure the NE failed.		

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Table 36-40 InterfaceDown (netw)

Alarm	Attributes	Applicable major releases
Name: InterfaceDown (36) Type: InterfaceAlarm (13) Package: netw Raised on class: netw.StatefullConnectableInterface	Severity: critical Implicitly cleared: true Default probable cause: interfaceDown (32)	<ul style="list-style-type: none"> • 6.3.4 • 6.4.2 • 6.4.3
Description: The alarm is raised when an interface or underlying resource fails, as indicated by an interface compositeState attribute value of failed or underlyingResourceFailed.		
Raising condition: (('compositeState' EQUAL 'Inoperable') OR ('compositeState' EQUAL 'Underlying Resource Inoperable'))		
Clearing condition: (('compositeState' NOT EQUAL 'Inoperable') AND ('compositeState' NOT EQUAL 'Underlying Resource Inoperable'))		
Remedial action: A physical port (physical interface, LAG, channel) associated with the network interface in not operation. Ensure that the interface is cabled and that there is not a configuration error (i.e. MTU size set incorrectly) on the interface. Once the issue w		

Table 36-41 IsisDown

Alarm	Attributes	Applicable major releases
Name: IsisDown (19) Type: ProtocolAlarm (1) Package: isis Raised on class: isis.Site	Severity: critical Implicitly cleared: true Default probable cause: protocolDown (1)	<ul style="list-style-type: none"> • 6.3.4 • 6.4.2 • 6.4.3
Description: The alarm is raised when an IS-IS site has an Operational State other than Up, and the Administrative State is Up.		
Raising condition: (('Administrative State' EQUAL 'Up') AND ('Operational State' NOT EQUAL 'Up'))		
Clearing condition: (('Operational State' EQUAL 'Up') OR ('Administrative State' NOT EQUAL 'Up'))		
Remedial action: The protocol is not working anymore, could be a problem with IP addresses, resources on the device, ...		

Table 36-42 LagDown

Alarm	Attributes	Applicable major releases
Name: LagDown (20) Type: equipmentAlarm (3) Package: lag Raised on class: lag.Interface	Severity: critical Implicitly cleared: true Default probable cause: lagDown (17)	<ul style="list-style-type: none"> • 6.3.4 • 6.4.2 • 6.4.3
Description: The alarm is raised when all ports in a LAG are operationally down.		
Raising condition: (('Administrative State' EQUAL 'Up') AND ('operationalState' NOT EQUAL 'Up'))		
Clearing condition: (('operationalState' EQUAL 'Up') OR ('Administrative State' NOT EQUAL 'Up'))		
Remedial action: This alarm indicates that all physical Ethernet links associated with a LAG are operationally down. The reasons for the links to be down may vary from link to link. The following possible causes of this alarm should be investigated. The physical port (near end or far end may have failed - this can be remedied by replacing the interface card in question. The physical links may have been turned down administratively - re-enable the links. A cable failure or disconnect may have occurred - please ensure that the cables are properly connected to the physical port and and that the cable has not been damaged.		

Table 36-43 LagPortAddFailed

Alarm	Attributes	Applicable major releases
Name: LagPortAddFailed (422) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.PhysicalPort	Severity: warning Implicitly cleared: true Default probable cause: linkDown (315)	<ul style="list-style-type: none"> • 6.3.4 • 6.4.2 • 6.4.3
Description: The alarm is raised when the Lag Port Add function Fails.		
Raising condition: (('state' EQUAL 'Link Down') AND ('LAG ID' > '0'))		
Clearing condition: (('state' NOT EQUAL 'Link Down') OR ('LAG ID' EQUAL '0'))		
Remedial action: A configuration error has occurred which must be corrected. The link that was to be added to the LAG group may be of the wrong type (i.e. non ethernet) or the limit of the number of links supported in a LAG may have been reached.		

Table 36-44 LicensedLimitExceeded

Alarm	Attributes	Applicable major releases
Name: LicensedLimitExceeded (127) Type: licensingAlarm (23) Package: security Raised on class: security.ProductLicense	Severity: critical Implicitly cleared: true Default probable cause: licensedLimitExceeded (106)	<ul style="list-style-type: none"> • 6.3.4 • 6.4.2 • 6.4.3
Description: The alarm is raised when the license items in the network exceeds 100 percent of the license capacity.		
Raising condition: ('Exceeded' EQUAL 'true')		
Clearing condition: ('Exceeded' NOT EQUAL 'true')		

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Alarm	Attributes	Applicable major releases
Remedial action: Informational - The number of SAM licenses purchased and available on the SAM server is insufficient as compared to the number of NEs/MDA/Cells under management in the network. Please contact Alcatel-Lucent Sales to purchase additional licenses.		

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Table 36-45 LinkDown (equipment)

Alarm	Attributes	Applicable major releases
Name: LinkDown (12) Type: communicationsAlarm (4) Package: equipment Raised on class: equipment.Equipment	Severity: major Implicitly cleared: true Default probable cause: portLinkProblem (10)	<ul style="list-style-type: none"> • 6.3.4 • 6.4.2 • 6.4.3
Description: The alarm is raised when a port has no associated physical link or remote end point is operationally down.		
Raising condition: (('compositeEquipmentState' EQUAL 'Link Down') OR ('compositeEquipmentState' EQUAL 'Oper Down'))		
Clearing condition: (('compositeEquipmentState' NOT EQUAL 'Link Down') AND ('compositeEquipmentState' NOT EQUAL 'Oper Down'))		
Remedial action: Please make sure that port has physical link and remote end point is operationally up.		

Table 36-46 LowTemperatureDetected

Alarm	Attributes	Applicable major releases
Name: LowTemperatureDetected (1127) Type: environmentalAlarm (2) Package: equipment Raised on class: equipment.Shelf	Severity: major Implicitly cleared: true Default probable cause: equipmentOvercooled (838)	<ul style="list-style-type: none"> • 6.3.4 • 6.4.2 • 6.4.3
Description: The alarm is raised when the chassis temperature falls below the minimum threshold.		
Raising condition: ('Low Temperature State' EQUAL 'Low')		
Clearing condition: ('Low Temperature State' NOT EQUAL 'Low')		
Remedial action: The NE has detected internal temperatures which are abnormally low. This may happen when the environment that the NE is operating in may not be within specifications found in the NE user guides.		

Table 36-47 LowTemperatureThresholdCrossed

Alarm	Attributes	Applicable major releases
Name: LowTemperatureThresholdCrossed (1128) Type: environmentalAlarm (2) Package: equipment Raised on class: equipment.Environment	Severity: major Implicitly cleared: true Default probable cause: equipmentOvercooled (838)	<ul style="list-style-type: none"> • 6.3.4 • 6.4.2 • 6.4.3
Description: The alarm is raised when a low-temperature threshold is crossed.		
Raising condition: ('lowTemperatureThresholdCrossed' EQUAL 'true')		
Clearing condition: ('lowTemperatureThresholdCrossed' EQUAL 'false')		
Remedial action: The NE has detected internal temperatures which are abnormally high. This could be caused by a failed fan unit or one or more dirty fan filters. Replacing the failed unit or filters should resolve the problem. Alternately the environment that the NE is operating in may not be within specifications found in the NE user guides.		

Table 36-48 LpsViolation

Alarm	Attributes	Applicable major releases
Name: LpsViolation (518) Type: learnedPortSecurityAlarm (51) Package: lps Raised on class: lps.LearnedPortSecurity	Severity: major Implicitly cleared: true Default probable cause: learnedPortSecurityViolation (393)	<ul style="list-style-type: none"> • 6.3.4 • 6.4.2 • 6.4.3
Description: The alarm is raised when the 5620 SAM detects an LPS violation.		
Raising condition: ('Operational State' EQUAL 'Security Violated')		
Clearing condition: ('Operational State' EQUAL 'Down')		
Remedial action: Port reset is required to return the port to normal operation.		

Table 36-49 macMoveRateExceeded (service)

Alarm	Attributes	Applicable major releases
Name: macMoveRateExceeded (3690) Type: accessInterfaceAlarm (40) Package: service Raised on class: service.AccessInterface	Severity: minor Implicitly cleared: true Default probable cause: MacMoveRateExceeded (1429)	<ul style="list-style-type: none"> • 6.3.4 • 6.4.2 • 6.4.3
Description: The alarm is raised when the SAP exceeds the MAC Move Frequency of the service site.		
Raising condition: ('State Cause'anyBit'Relearn Limit Exceeded')		
Clearing condition: NOT (('State Cause'anyBit'Relearn Limit Exceeded'))		
Remedial action: Informational.		

Table 36-50 macMoveRateExceededNonBlock (service)

Alarm	Attributes	Applicable major releases
Name: macMoveRateExceededNonBlock (4893) Type: accessInterfaceAlarm (40) Package: service Raised on class: service.AccessInterface	Severity: info Implicitly cleared: true Default probable cause: MacMoveRateExceededNonBlock (1951)	<ul style="list-style-type: none"> • 6.3.4 • 6.4.2 • 6.4.3
Description: The alarm is raised when the SAP exceeds the MAC Move Frequency of the service site when limitMacMove(sapTIsLimitMacMove) is set to 'nonBlocking'.		
Raising condition: ('State Cause'anyBit'Relearn Limit Exceeded')		
Clearing condition: NOT (('State Cause'anyBit'Relearn Limit Exceeded'))		
Remedial action: Informational - User can adjust the value of 'MAC Move Maximum Rate' to reduce the frequency of this alarm.		

Table 36-51 MepAISReceivedAlarm

Alarm	Attributes	Applicable major releases
Name: MepAISReceivedAlarm (2945) Type: oamAlarm (18) Package: ethernetOam Raised on class: ethernetOam.Mep	Severity: variable Implicitly cleared: true Default probable cause: missingRemoteMep (388)	<ul style="list-style-type: none"> • 6.3.4 • 6.4.2 • 6.4.3
Description: The alarm is raised when a MEP receives AIS test frames from one or more of its sub-layer MEPs.		
Raising condition: (('AIS Received (AisRx)' EQUAL 'true') AND ('Facility VLAN ID' EQUAL '0'))		
Clearing condition: ('AIS Received (AisRx)' EQUAL 'false')		
Remedial action: This alarm indicates that it has received a MEP fault from a sub-layer MEP, user should investigate the fault cause on the sub-layer MEP and resolve this root cause issue.		

Table 36-52 MobileConnectorDown

Alarm	Attributes	Applicable major releases
Name: MobileConnectorDown (1064) Type: EpcAlarm (59) Package: Iteservice Raised on class: Iteservice.MobileServiceConnector	Severity: minor Implicitly cleared: true Default probable cause: EpcDown (519)	<ul style="list-style-type: none"> • 6.3.4 • 6.4.2 • 6.4.3
Description: The alarm is raised when the 5620 SAM no longer manages the EPS path instance of this mobile service site. As a result, the service must be regenerated.		
Raising condition: ('EPS Path' EQUAL '\\"')		
Clearing condition: ('EPS Path' NOT EQUAL '\\"')		
Remedial action: The underlying transport network has gone down resulting in the deletion of a mobile service connector (EPS path). Correct the issue with the transport network and regenerate the mobile service connector by clicking on the re-calculate button on the mobile service properties form.		

Table 36-53 MvrSiteDown

Alarm	Attributes	Applicable major releases
Name: MvrSiteDown (162) Type: ProtocolAlarm (1) Package: layer2 Raised on class: layer2.MvrSite	Severity: warning Implicitly cleared: true Default probable cause: protocolDown (1)	<ul style="list-style-type: none"> • 6.3.4 • 6.4.2 • 6.4.3
Description: The alarm is raised when MVR is disabled on an NE and a TLS VLAN or MVR VLAN service is provisioned on the NE.		
Raising condition: ('MVR Admin Status' EQUAL 'Disabled')		
Clearing condition: ('MVR Admin Status' EQUAL 'Enabled')		
Remedial action: To clear the alarm, enable MVR Admin Status under the Bridge Instance.		

Table 36-54 NeManagementAndTrapManagementMismatch

Alarm	Attributes	Applicable major releases
Name: NeManagementAndTrapManagementMismatch (1079) Type: communicationsAlarm (4) Package: netw Raised on class: netw.NetworkElement	Severity: warning Implicitly cleared: true Default probable cause: neManagementChange (817)	<ul style="list-style-type: none"> • 6.3.4 • 6.4.2 • 6.4.3
Description: This user-defined alarm is raised when the NE configuration is one of the following: - The Active Management IP is set to Out Of Band, and the Primary Route Preference is set to In Band. - The Active Management IP is set to In Band, and the Primary Route Preference is set to Out of Band.		
Raising condition: (((('Active Management IP' EQUAL 'In Band') AND (('Management IP Selection' EQUAL 'In Band Preferred') OR ('Management IP Selection' EQUAL 'In Band Only')) AND ('Primary Route Preference' EQUAL 'Out Of Band') AND ('Secondary Route Preference' EQUAL 'In Band')) OR (('Active Management IP' EQUAL 'Out Of Band') AND (('Management IP Selection' EQUAL 'Out Of Band Preferred') OR ('Management IP Selection' EQUAL 'Out Of Band Only')) AND ('Primary Route Preference' EQUAL 'In Band') AND ('Secondary Route Preference' EQUAL 'Out Of Band'))))		
Clearing condition: (((('Active Management IP' EQUAL 'In Band') AND (('Management IP Selection' EQUAL 'In Band Preferred') OR ('Management IP Selection' EQUAL 'In Band Only')) AND ('Primary Route Preference' EQUAL 'In Band')) OR (('Active Management IP' EQUAL 'Out Of Band') AND (('Management IP Selection' EQUAL 'Out Of Band Preferred') OR ('Management IP Selection' EQUAL 'Out Of Band Only')) AND ('Primary Route Preference' EQUAL 'Out Of Band'))))		
Remedial action: A configuration error has been made which must be corrected. The parameters described in the description for this alarm must match.		

Table 36-55 NewSsh2ServerKeyDetected

Alarm	Attributes	Applicable major releases
Name: NewSsh2ServerKeyDetected (285) Type: communicationsAlarm (4) Package: security Raised on class: security.KnownHostKey	Severity: warning Implicitly cleared: true Default probable cause: ssh2ServerKeyMismatch (217)	<ul style="list-style-type: none"> • 6.3.4 • 6.4.2 • 6.4.3

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Alarm	Attributes	Applicable major releases
Description: The alarm is raised when a 5620 SAM main server detects a new public SSH key.		
Raising condition: ('SSH2 Server Key Status' EQUAL 'Mismatch SSH2 Host Key')		
Clearing condition: ('SSH2 Server Key Status' EQUAL 'Active SSH2 Host Key')		
Remedial action: Informational - possible security breach. The SSH key of the router is different from the one known to the SAM server.		

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Table 36-56 NodeDatabaseFallbackDetected

Alarm	Attributes	Applicable major releases
Name: NodeDatabaseFallbackDetected (2923) Type: communicationsAlarm (4) Package: netw Raised on class: netw.NetworkElement	Severity: major Implicitly cleared: true Default probable cause: nodeDatabaseFallback (1121)	<ul style="list-style-type: none"> • 6.3.4 • 6.4.2 • 6.4.3
Description: The alarm is raised when a configuration fallback is detected on the node and comes back up with a previous configuration. To correct this situation it might be necessary to reconfigure the node, or perform full resync its database with the 'fallback' configuration returned by the node.		
Raising condition: ('State' EQUAL 'Node Configuration Fallback')		
Clearing condition: ('State' EQUAL 'Managed')		
Remedial action: the NE has come back to a previous configuration. Perform a manual Full Resync or a Reconfigure of the NE		

Table 36-57 NodeDatabaseMisalignmentDetected

Alarm	Attributes	Applicable major releases
Name: NodeDatabaseMisalignmentDetected (2924) Type: communicationsAlarm (4) Package: netw Raised on class: netw.NetworkElement	Severity: major Implicitly cleared: true Default probable cause: nodeDatabaseMisalignment (1122)	<ul style="list-style-type: none"> • 6.3.4 • 6.4.2 • 6.4.3
Description: The alarm is raised when a configuration misalignment has been detected on the node and comes back up with an unexpected configuration (configuration change triggered by external tool) To correct this situation it might be necessary to reconfigure the node with the 5620 SAM's old configuration or accept the new configuration received from the node.		
Raising condition: ('State' EQUAL 'Node Configuration Misalignment')		
Clearing condition: ('State' EQUAL 'Managed')		
Remedial action: the NE configuration is misaligned. Perform a resync in order to update SAM configuration according to the NE.		

Table 36-58 NodeSuspended

Alarm	Attributes	Applicable major releases
Name: NodeSuspended (5123) Type: communicationsAlarm (4) Package: netw Raised on class: netw.NetworkElement	Severity: critical Implicitly cleared: true Default probable cause: NodeSuspend (2057)	<ul style="list-style-type: none"> • 6.3.4 • 6.4.2 • 6.4.3
Description: The alarm is raised when the 5620 SAM detects an NE moved to suspend state as per user request.		
Raising condition: ('SNMP Reachability' EQUAL 'Suspended')		
Clearing condition: ('SNMP Reachability' NOT EQUAL 'Suspended')		
Remedial action: This alarm is raised when user suspends the network element. The alarm will be cleared when the network element is managed back.		

Table 36-59 OrphanNodeDetected

Alarm	Attributes	Applicable major releases
Name: OrphanNodeDetected (4866) Type: discoveryControlAlarm (33) Package: netw Raised on class: netw.AdvertisedNode	Severity: major Implicitly cleared: true Default probable cause: nodeNotMangedByAnyEms (1934)	<ul style="list-style-type: none"> • 6.3.4 • 6.4.2 • 6.4.3
Description: The alarm is raised when node is node managed by any EMS after n retries(threshold crossed) it is manually cleared by the operator or when the node is discovered.		
Raising condition: ('State' EQUAL 'Orphan')		
Remedial action: The NE is not managed by any SAM. Add an discovery rule in order to managed it.		

Table 36-60 OverTemperatureDetected

Alarm	Attributes	Applicable major releases
Name: OverTemperatureDetected (388) Type: environmentalAlarm (2) Package: equipment Raised on class: equipment.Shelf	Severity: major Implicitly cleared: true Default probable cause: equipmentOverheated (5)	<ul style="list-style-type: none"> • 6.3.4 • 6.4.2 • 6.4.3
Description: The alarm is raised when the chassis temperature exceeds the maximum threshold value.		
Raising condition: ('Over Temperature State' EQUAL 'Over')		
Clearing condition: ('Over Temperature State' NOT EQUAL 'Over')		
Remedial action: The NE has detected internal temperatures which are abnormally high. This could be caused by a failed fan unit or one or more dirty fan filters. Replacing the failed unit or filters should resolve the problem. Alternately the environment that the NE is operating in may not be within specifications found in the NE user guides.		

Table 36-61 PartialResyncProblem

Alarm	Attributes	Applicable major releases
Name: PartialResyncProblem (4401) Type: communicationsAlarm (4) Package: netw Raised on class: netw.NetworkElement	Severity: warning Implicitly cleared: true Default probable cause: partialResyncProblem (1578)	<ul style="list-style-type: none"> • 6.3.4 • 6.4.2 • 6.4.3
Description: The alarm is raised when a partial resync on an NE fails. For example, when resyncing only some MIB entries as opposed to a full resync. The periodic reachability test (sysUpTime) is not considered a partial resync, neither is a full resync. However, a PartialResyncProblem alarm can only be reset by a FullResync.		
Raising condition: ('partialResyncStatus' EQUAL 'Partial Resync Failed')		
Clearing condition: ('partialResyncStatus' EQUAL 'Partial Resync Done')		
Remedial action: Informational - if the alarm persists or is occurring frequently then investigation is required to understand a) why the underlying transport network is unreliable or b) why the NE is too busy to respond to 5620 SAM or c) has SNMP been disabled on the NE.		

Table 36-62 PersistentIndexParametersMisconfigured

Alarm	Attributes	Applicable major releases
Name: PersistentIndexParametersMisconfigured (173) Type: configurationAlarm (11) Package: netw Raised on class: netw.NetworkElement	Severity: major Implicitly cleared: true Default probable cause: persistentIndexConfigurationMismatch (136)	<ul style="list-style-type: none"> • 6.3.4 • 6.4.2 • 6.4.3
Description: The alarm is raised when persistence is set to Off in the NE BOF.		
Raising condition: (('Persistent SNMP Indices' EQUAL 'False') OR (('hasRedundantProcessorCards' EQUAL 'true') AND ('Redundant Synchronization Mode' EQUAL 'None')))		
Clearing condition: (('Persistent SNMP Indices' EQUAL 'True') AND (('hasRedundantProcessorCards' EQUAL 'false') OR ('Redundant Synchronization Mode' NOT EQUAL 'None')))		
Remedial action: A configuration error has occurred that must be corrected. Use the CLI on the NE to enable persistency in the BOF. The discovery process will complete on the next discovery scan. A re-scan can be triggered immediately for the NE from within the discovery manager		

Table 36-63 PimDown

Alarm	Attributes	Applicable major releases
Name: PimDown (184) Type: ProtocolAlarm (1) Package: pim Raised on class: pim.Site	Severity: critical Implicitly cleared: true Default probable cause: protocolDown (1)	<ul style="list-style-type: none"> • 6.3.4 • 6.4.2 • 6.4.3
Description: The alarm is raised when a PIM site is administratively Up but operationally Down. The alarm is cleared when the PIM site becomes operationally Up but administratively Down.		

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Alarm	Attributes	Applicable major releases
Raising condition: (('Administrative State' EQUAL 'Up') AND ('Operational State' NOT EQUAL 'Up'))		
Clearing condition: (('Operational State' EQUAL 'Up') OR ('Administrative State' NOT EQUAL 'Up'))		
Remedial action: This should never happen. Contact Alcatel-Lucent Customer Support for assistance.		

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Table 36-64 PollerProblem

Alarm	Attributes	Applicable major releases
Name: PollerProblem (31) Type: communicationsAlarm (4) Package: netw Raised on class: netw.NetworkElement	Severity: warning Implicitly cleared: true Default probable cause: resyncFailed (24)	<ul style="list-style-type: none"> • 6.3.4 • 6.4.2 • 6.4.3
Description: The alarm is raised when the 5620 SAM is unable to poll a network object, for example, because of intermittent or no IP connectivity to an NE, incorrect SNMP security parameters, or disabled SNMP on the NE.		
Raising condition: ('Resync Status' EQUAL 'Full Resync Failed')		
Clearing condition: ('Resync Status' EQUAL 'Full Resync Done')		
Remedial action: Informational - if the alarm persists or is occurring frequently then investigation is required to understand a) why the underlying transport network is unreliable or b) why the NE is too busy to respond to 5620 SAM or c) has SNMP been disabled on the NE. Once the issue has been resolved SAM will automatically re-attempt.		

Table 36-65 PortEtherSymMonSDAlarm

Alarm	Attributes	Applicable major releases
Name: PortEtherSymMonSDAlarm (5662) Type: communicationsAlarm (4) Package: ethernetequipment Raised on class: ethernetequipment.EthernetPortSpecifics	Severity: major Implicitly cleared: true Default probable cause: etherPortSymMonSDThresholdExceededAlarm (2439)	<ul style="list-style-type: none"> • 6.3.4 • 6.4.2 • 6.4.3
Description: The alarm is raised when an Ethernet port Symbol Monitor Failure alarm condition is detected (Signal Degradation Threshold exceeded).		
Raising condition: ('Symbol Alarm Reason' EQUAL 'SD Threshold Exceeded')		
Clearing condition: ('Symbol Alarm Reason' NOT EQUAL 'SD Threshold Exceeded')		
Remedial action: Symbol monitor signal degradation alarm could be cleared by changing/disabling the associated threshold/multiplier values or it is self clearing and will clear once the error rate drops below 1/10th of the configured rate.		

Table 36-66 PortEtherSymMonSFAlarm

Alarm	Attributes	Applicable major releases
Name: PortEtherSymMonSFAlarm (5663) Type: communicationsAlarm (4) Package: ethernetequipment Raised on class: ethernetequipment.EthernetPortSpecifics	Severity: major Implicitly cleared: true Default probable cause: etherPortSymMonSFThresholdExceededAlarm (2440)	<ul style="list-style-type: none"> • 6.3.4 • 6.4.2 • 6.4.3
Description: The alarm is raised when an Ethernet port Symbol Monitor Failure alarm condition is detected (Signal Failure Threshold exceeded).		
Raising condition: ('Symbol Alarm Reason' EQUAL 'SF Threshold Exceeded')		
Clearing condition: ('Symbol Alarm Reason' NOT EQUAL 'SF Threshold Exceeded')		
Remedial action: Symbol monitor signal failure alarm could be cleared by changing/disabling the associated threshold/multiplier values or by taking the port out of service (eg. shutdown, card/mda reset, physical link loss).		

Table 36-67 PowerSupplyFailure

Alarm	Attributes	Applicable major releases
Name: PowerSupplyFailure (633) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.PowerSupplyTray	Severity: critical Implicitly cleared: true Default probable cause: powerSupplyFailure (117)	<ul style="list-style-type: none"> • 6.3.4 • 6.4.2 • 6.4.3
Description: The alarm is raised when a power-supply tray reports a failure. When the alarm is raised during device discovery, a power-supply tray may be out of service. When the alarm is raised while the device is in the managed state, a power-supply tray may be out of service or the AC power shelf has a fault condition. The alarm clears when the status changes to OK.		
Raising condition: (('Power Supply 1 Status' EQUAL 'Not Equipped') OR ('Power Supply 1 Status' EQUAL 'Failed'))		
Clearing condition: (('Power Supply 1 Status' EQUAL 'OK'))		
Remedial action: Ensure that the NE is properly connected to power. If the problem persists please contact Alcatel-Lucent support for assistance.		

Table 36-68 PowerSupplyInputFeedDown

Alarm	Attributes	Applicable major releases
Name: PowerSupplyInputFeedDown (5422) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.PowerSupplyTray	Severity: minor Implicitly cleared: true Default probable cause: powerSupplyInputFeedDown (2073)	<ul style="list-style-type: none"> • 6.3.4 • 6.4.2 • 6.4.3
Description: This alarm is generated if any one of the input feeds for a given power supply is not supplying power.		
Raising condition: (('inputFeedStatus' EQUAL 'Input A Down') OR ('inputFeedStatus' EQUAL 'Input B Down') OR (('inputFeedStatus'allBits'Input A Down') AND ('inputFeedStatus'allBits'Input B Down'))		

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Alarm	Attributes	Applicable major releases
Clearing condition: ('inputFeedStatus' EQUAL 'None')		
Remedial action: Restore all of the input feeds that are not supplying power.		

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Table 36-69 PowerSupplyRemoved

Alarm	Attributes	Applicable major releases
Name: PowerSupplyRemoved (542) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.PowerSupplyTray	Severity: major Implicitly cleared: true Default probable cause: PowerSupplyRemoved (415)	<ul style="list-style-type: none"> • 6.3.4 • 6.4.2 • 6.4.3
Description: The alarm is raised when a chassis power supply is removed.		
Raising condition: ('Power Supply 1 Status' EQUAL 'Not Equipped')		
Clearing condition: ('Power Supply 1 Status' NOT EQUAL 'Not Equipped')		
Remedial action: To recover from this event, the customer is requested to add a new power supply to the system, or change a faulty power supply with a working one.		

Table 36-70 PrimaryImageBootFailure

Alarm	Attributes	Applicable major releases
Name: PrimaryImageBootFailure (191) Type: configurationAlarm (11) Package: sw Raised on class: sw.CardSoftware	Severity: warning Implicitly cleared: true Default probable cause: bootOptionFileMisconfigured (150)	<ul style="list-style-type: none"> • 6.3.4 • 6.4.2 • 6.4.3
Description: The alarm is raised when the primary software image specified in an NE BOF is unusable.		
Raising condition: (('imageSource' NOT EQUAL 'Primary') AND ('imageSource' NOT EQUAL 'Unknown'))		
Clearing condition: (('imageSource' EQUAL 'Primary') OR ('imageSource' EQUAL 'Unknown'))		
Remedial action: The SW image on the NE may have been inadvertently corrupted. Download a new copy of the SW image to the NE. If the problem persists contact Alcatel-Lucent support for assistance.		

Table 36-71 RadiusOperStatusDown

Alarm	Attributes	Applicable major releases
Name: RadiusOperStatusDown (3692) Type: radiusOperStatusDownAlarm (105) Package: netw Raised on class: netw.NetworkElement	Severity: critical Implicitly cleared: true Default probable cause: radiusOperationStatusDown (1431)	<ul style="list-style-type: none"> • 6.3.4 • 6.4.2 • 6.4.3
Description: The alarm is raised when all RADIUS servers have gone down.		
Raising condition: ('Global RADIUS Operational State' EQUAL 'Down')		
Clearing condition: ('Global RADIUS Operational State' EQUAL 'Up')		
Remedial action: Verify the RADIUS server is properly configured and radius server state is up. Check the connectivity between SAM server and radius server configured on the Network element.		

Table 36-72 ReachabilityProblem

Alarm	Attributes	Applicable major releases
Name: ReachabilityProblem (243) Type: communicationsAlarm (4) Package: netw Raised on class: netw.NetworkElement	Severity: major Implicitly cleared: true Default probable cause: ReachabilityTestFailed (176)	<ul style="list-style-type: none"> • 6.3.4 • 6.4.2 • 6.4.3
Description: The alarm is raised when a mediation poll of the SysUpTimeAlarm object on an NE fails, for example, because of network congestion or because the NE is too busy to respond. The probable cause is an unreachable NE Mediation agent on the NE. The polling interval depends on the NE type and is configurable in nms-server.xml. By default, the 5620 SAM polls a managed NE every four minutes. If a poll fails, the alarm is raised. The alarm clears when the 5620 SAM receives a response from the NE, and the 5620 SAM GUI icon that represents the NE turns from red to green.		
Raising condition: ('SNMP Reachability' EQUAL 'Down')		
Remedial action: Informational - if the alarm persists or is occurring frequently then investigation is required to understand a) why the underlying transport network is unreliable or b) why the NE is too busy to respond to 5620 SAM or c) has SNMP been disabled on the NE. Once the issue has been resolved SAM will automatically re-attempt.		

Table 36-73 ReconfigFailure

Alarm	Attributes	Applicable major releases
Name: ReconfigFailure (1949) Type: communicationsAlarm (4) Package: netw Raised on class: netw.NetworkElement	Severity: critical Implicitly cleared: true Default probable cause: failedReconfig (937)	<ul style="list-style-type: none"> • 6.3.4 • 6.4.2 • 6.4.3
Description: This alarm is raised when the reconfig action failed.		
Raising condition: ('State' EQUAL 'Failed')		
Clearing condition: ('State' NOT EQUAL 'Failed')		

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Alarm	Attributes	Applicable major releases
Remedial action: Verify that the object is configured as expected.		

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Table 36-74 RedundantMepMisconfiguration

Alarm	Attributes	Applicable major releases
Name: RedundantMepMisconfiguration (3631) Type: oamAlarm (18) Package: ethernetToam Raised on class: ethernetToam.Mep	Severity: minor Implicitly cleared: true Default probable cause: misconfiguredRedundantMep (1416)	<ul style="list-style-type: none"> • 6.3.4 • 6.4.2 • 6.4.3
Description: The alarm is raised when an Active and Redundant MEP do not have the same ID, Operational MAC Address or Sub Group configured.		
Raising condition: ('validRedundantMepConfig' EQUAL 'false')		
Clearing condition: ('validRedundantMepConfig' EQUAL 'true')		
Remedial action: MC-LAG redundant MEP configuration (MEP ID or Mac Address) for Active & Standby Interfaces do not match, this could cause issues with CFM or CCM tests if Active interface changes. Delete and Re-create Standby MEP to match Active.		

Table 36-75 RedundantMepMissing

Alarm	Attributes	Applicable major releases
Name: RedundantMepMissing (3632) Type: oamAlarm (18) Package: ethernetToam Raised on class: ethernetToam.Mep	Severity: minor Implicitly cleared: true Default probable cause: missingRedundantMep (1417)	<ul style="list-style-type: none"> • 6.3.4 • 6.4.2 • 6.4.3
Description: The alarm is raised when a MEP misses a redundant counterpart on LAG or SAP.		
Raising condition: (('MC-LAG Inactive' NOT EQUAL 'Not Applicable') AND ('Redundant MEP' EQUAL '\'))		
Clearing condition: (('MC-LAG Inactive' EQUAL 'Not Applicable') OR (('MC-LAG Inactive' NOT EQUAL 'Not Applicable') AND ('Redundant MEP' NOT EQUAL '\')))		
Remedial action: MC-LAG redundant MEP is missing Active & Standby Interfaces, this will cause issues with CFM or CCM tests if Active interface changes. Create missing Active/Standby MEP to match existing.		

Table 36-76 RemoteMepCCMAAlarm

Alarm	Attributes	Applicable major releases
Name: RemoteMepCCMAAlarm (502) Type: oamAlarm (18) Package: ethernetToam Raised on class: ethernetToam.Mep	Severity: major Implicitly cleared: true Default probable cause: missingRemoteMep (388)	<ul style="list-style-type: none"> • 6.3.4 • 6.4.2 • 6.4.3
Description: The alarm is raised when a MEP loses connectivity with one or more remote MEPs. The Remote MEP DB State tab on a MEP lists the missing remote MEPs.		
Raising condition: ('High-Priority Defect' NOT EQUAL '0')		
Clearing condition: ('High-Priority Defect' EQUAL '0')		
Remedial action: MEP has lost communication with Remote MEP defined in Maintenance Association (MEG) Remote MEP list, Either Remote MEP list is incorrect or diagnose connection fault and resolve.		

Table 36-77 RipDown

Alarm	Attributes	Applicable major releases
Name: RipDown (72) Type: ProtocolAlarm (1) Package: rip Raised on class: rip.Site	Severity: critical Implicitly cleared: true Default probable cause: protocolDown (1)	<ul style="list-style-type: none"> • 6.3.4 • 6.4.2 • 6.4.3
Description: The alarm is raised when a RIP site has an Operational State other than Up, and the Administrative State is Up.		
Raising condition: (('Administrative State' EQUAL 'Up') AND ('Operational State' NOT EQUAL 'Up'))		
Clearing condition: (('Operational State' EQUAL 'Up') OR ('Administrative State' NOT EQUAL 'Up'))		
Remedial action: The RIP Site is down while it is administratively up. Please check the node e.g. IOM is not shutdown or installed.		

Table 36-78 SaveConfigFailed

Alarm	Attributes	Applicable major releases
Name: SaveConfigFailed (105) Type: configurationAlarm (11) Package: sw Raised on class: sw.BackupRestoreManager	Severity: major Implicitly cleared: true Default probable cause: fileAccessError (90)	<ul style="list-style-type: none"> • 6.3.4 • 6.4.2 • 6.4.3
Description: The alarm is raised when the admin save command on an NE fails.		
Raising condition: ('Config Save State' EQUAL 'Failure')		
Clearing condition: ('Config Save State' EQUAL 'Success')		
Remedial action: Attempt the admin save command a second time. If the problem persists please contact Alcatel-Lucent support for assistance.		

Table 36-79 ScheduledPollerProblem

Alarm	Attributes	Applicable major releases
Name: ScheduledPollerProblem (4386) Type: communicationsAlarm (4) Package: netw Raised on class: netw.NetworkElement	Severity: warning Implicitly cleared: true Default probable cause: scheduledResyncFailed (1569)	<ul style="list-style-type: none"> • 6.3.4 • 6.4.2 • 6.4.3
Description: The alarm is raised when the 5620 SAM is unable to poll a network object, for example, because of intermittent or no IP connectivity to an NE, incorrect SNMP security parameters, or disabled SNMP on the NE.		
Raising condition: ('Scheduled Resync Status' EQUAL 'Scheduled Resync Failed')		
Clearing condition: ('Scheduled Resync Status' EQUAL 'Scheduled Resync Done')		
Remedial action: Informational - if the alarm persists or is occurring frequently then investigation is required to understand a) why the underlying transport network is unreliable or b) why the NE is too busy to respond to 5620 SAM or c) has SNMP been disabled on the NE. Once the issue has been resolved SAM will automatically re-attempt.		

Table 36-80 ServiceSiteDown

Alarm	Attributes	Applicable major releases
Name: ServiceSiteDown (97) Type: serviceAlarm (16) Package: service Raised on class: service.Site	Severity: critical Implicitly cleared: true Default probable cause: siteDown (83)	<ul style="list-style-type: none"> • 6.3.4 • 6.4.2 • 6.4.3
Description: The alarm is raised when all SAPs on a site are operationally down, or when the service tunnels for the site are operationally down.		
Raising condition: (('Operational State' NOT EQUAL 'Up') AND ('State Cause' NOT EQUAL 'All Spoke SDP Bindings are Standby'))		
Clearing condition: (('Operational State' EQUAL 'Up') OR ('State Cause' EQUAL 'All Spoke SDP Bindings are Standby'))		
Remedial action: The network resources (i.e. physical ports for SAPs, or physical ports/LSP) associated with the service site should be examined to determine if/why they are operationally down. The underlying transport network supporting the site may also be unreliable.		

Table 36-81 SiteManagementVlanConflict

Alarm	Attributes	Applicable major releases
Name: SiteManagementVlanConflict (223) Type: configurationAlarm (11) Package: vlan Raised on class: vlan.Site	Severity: warning Implicitly cleared: true Default probable cause: topologyMisconfigured (81)	<ul style="list-style-type: none"> • 6.3.4 • 6.4.2 • 6.4.3
Description: The alarm is raised when the management VLAN ID is used for another type of service.		
Raising condition: ('managementVlanConflict' EQUAL 'true')		
Clearing condition: ('managementVlanConflict' EQUAL 'false')		

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Alarm	Attributes	Applicable major releases
Remedial action: Ensure that the VLAN ID of this Management Service Site is not used on any other type of VLAN Service Site.		

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Table 36-82 SiteVlanSubTypeConflict

Alarm	Attributes	Applicable major releases
Name: SiteVlanSubTypeConflict (224) Type: configurationAlarm (11) Package: vlan Raised on class: vlan.Site	Severity: major Implicitly cleared: true Default probable cause: topologyMisconfigured (81)	<ul style="list-style-type: none"> • 6.3.4 • 6.4.2 • 6.4.3
Description: The alarm is raised when more than one type of VLAN service has the same VLAN ID. The alarm is raised against a site.		
Raising condition: ('vlanSubTypeConflict' EQUAL 'true')		
Clearing condition: ('vlanSubTypeConflict' EQUAL 'false')		
Remedial action: Ensure that only one type of VLAN Service is configured with the VLAN ID used by this Site.		

Table 36-83 StatsRetrieveFailed

Alarm	Attributes	Applicable major releases
Name: StatsRetrieveFailed (244) Type: configurationAlarm (11) Package: sw Raised on class: sw.AccountingStatsRetrievalManager	Severity: major Implicitly cleared: false Default probable cause: fileTransferFailure (89)	<ul style="list-style-type: none"> • 6.3.4 • 6.4.2 • 6.4.3
Description: The alarm is raised when the 5620 SAM main or auxiliary server cannot transfer an accounting file from an NE.		
Raising condition: (('Stats Retrieval State' NOT EQUAL 'Success') AND ('Stats Retrieval State' NOT EQUAL 'Not Attempted'))		
Remedial action: Informational - if the alarm persists or is occurring frequently then investigation is required to understand a) why the underlying transport network is unreliable or b) why the NE is too busy or otherwise cannot respond to the 5620 SAM main or auxiliary server.		

Table 36-84 SubscriberSystemNextHopUsageHigh

Alarm	Attributes	Applicable major releases
Name: SubscriberSystemNextHopUsageHigh (5157) Type: thresholdCrossed (6) Package: netw Raised on class: netw.NetworkElement	Severity: minor Implicitly cleared: true Default probable cause: resourceFull (53)	<ul style="list-style-type: none"> • 6.3.4 • 6.4.2 • 6.4.3

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Alarm	Attributes	Applicable major releases
Description: The alarm is raised when the IP next-hop usage by subscriber managed routes reaches its high watermark, cleared when it reaches its low watermark again; the watermarks are derived from the limit specified with the property subSysNextHopLimit.		
Raising condition: ('IP Next Hop Usage High' EQUAL 'true')		
Clearing condition: ('IP Next Hop Usage High' EQUAL 'false')		
Remedial action: The alarm is raised when the IP next-hop usage by subscriber managed routes reaches its high watermark, cleared when it reaches its low watermark again; the watermarks are derived from the limit specified with the property subSysNextHopLimit. There is no immediate effect, but when the usage actually hits the limit, new hosts will not get their managed routes.		

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Table 36-85 SubSysChassMemoryUsageHi

Alarm	Attributes	Applicable major releases
Name: SubSysChassMemoryUsageHi (5656) Type: thresholdCrossed (6) Package: equipment Raised on class: equipment.Shelf	Severity: minor Implicitly cleared: true Default probable cause: resourceFull (53)	<ul style="list-style-type: none"> • 6.3.4 • 6.4.2 • 6.4.3
Description: This alarm is raised when the memory usage by subscriber management on this system or chassis reaches its high watermark ('true').		
Raising condition: ('Memory Usage High' EQUAL 'True')		
Clearing condition: (('Memory Usage High' EQUAL 'False') OR ('Memory Usage High' EQUAL 'unspecified'))		
Remedial action: The memory usage by subscriber management on this system has reached its high watermark. Please check your memory usage.		

Table 36-86 TemperatureThresholdCrossed

Alarm	Attributes	Applicable major releases
Name: TemperatureThresholdCrossed (7) Type: environmentalAlarm (2) Package: equipment Raised on class: equipment.Environment	Severity: major Implicitly cleared: true Default probable cause: equipmentOverheated (5)	<ul style="list-style-type: none"> • 6.3.4 • 6.4.2 • 6.4.3
Description: The alarm is raised when a temperature crosses a threshold.		
Raising condition: ('temperatureThresholdCrossed' EQUAL 'true')		
Clearing condition: ('temperatureThresholdCrossed' EQUAL 'false')		
Remedial action: The NE has detected internal temperatures which are abnormally high. This could be caused by a failed fan unit or one or more dirty fan filters. Replacing the failed unit or filters should resolve the problem. Alternately the environment that the NE is operating in may not be within specifications found in the NE user guides.		

Table 36-87 TlsSiteDown

Alarm	Attributes	Applicable major releases
Name: TlsSiteDown (163) Type: ProtocolAlarm (1) Package: layer2 Raised on class: layer2.TlsSite	Severity: warning Implicitly cleared: true Default probable cause: protocolDown (1)	<ul style="list-style-type: none"> • 6.3.4 • 6.4.2 • 6.4.3
Description: The alarm is raised when MVR is disabled on an NE and a TLS VLAN or MVR VLAN service is provisioned on the NE.		
Raising condition: ('TLS Admin Status' EQUAL 'Disabled')		
Clearing condition: ('TLS Admin Status' EQUAL 'Enabled')		
Remedial action: To clear the alarm, enable TLS Admin Status under the Bridge Instance.		

Table 36-88 TmnxEqPortEtherLoopDetected

Alarm	Attributes	Applicable major releases
Name: TmnxEqPortEtherLoopDetected (461) Type: portEtherLoopDetected (48) Package: ethernetequipment Raised on class: ethernetequipment.EthernetPortSpecifics	Severity: major Implicitly cleared: true Default probable cause: HighBer (238)	<ul style="list-style-type: none"> • 6.3.4 • 6.4.2 • 6.4.3
Description: The alarm is raised when a device detects a physical loop on an Ethernet port.		
Raising condition: (('Down When Looped Status' EQUAL 'Loop Detected'))		
Clearing condition: (('Down When Looped Status' EQUAL 'No Loop Detected'))		
Remedial action: An Ethernet port has been mis-cabled - please remove the loopback cable on the port.		

Table 36-89 TrapDestinationMisconfigured

Alarm	Attributes	Applicable major releases
Name: TrapDestinationMisconfigured (33) Type: configurationAlarm (11) Package: netw Raised on class: netw.NetworkElement	Severity: major Implicitly cleared: true Default probable cause: trapDestinationMisconfigured (26) Applicable probable causes: <ul style="list-style-type: none"> • trapDestinationMisconfigured • duplicateTrapLogId 	<ul style="list-style-type: none"> • 6.3.4 • 6.4.2 • 6.4.3
Description: The alarm is raised when the 5620 SAM cannot be added to the NE's SNMP trap destinations.		
Raising condition: ('isTrapDestinationMisconfigured' EQUAL 'true')		
Clearing condition: ('isTrapDestinationMisconfigured' EQUAL 'false')		

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Alarm	Attributes	Applicable major releases
Remedial action: A configuration error has been made which must be corrected. The SNMP trap destination on the NE must be configured to the IP address of the SAM server.		

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Table 36-90 TrapReceivingFailure

Alarm	Attributes	Applicable major releases
Name: TrapReceivingFailure (1083) Type: communications (87) Package: netw Raised on class: netw.NetworkElement	Severity: major Implicitly cleared: false Default probable cause: trapsWillNotBeSent (822)	<ul style="list-style-type: none"> • 6.3.4 • 6.4.2 • 6.4.3
Description: This user-defined alarm is raised when the NE is unable to send traps because the NE configuration is one of the following: - The Management IP Selection is set to Out Of Band Only, the Primary Route Preference is set to In Band, and the Secondary Route Preference is set to None. - The Management IP Selection is set to In Band Only, the Primary Route Preference is set to Out Of Band, and the Secondary Route Preference is set to None.		
Raising condition: (((('Active Management IP' EQUAL 'In Band') AND ('Management IP Selection' EQUAL 'In Band Only') AND ('Primary Route Preference' EQUAL 'Out Of Band') AND ('Secondary Route Preference' EQUAL 'None')) OR (('Active Management IP' EQUAL 'Out Of Band') AND ('Management IP Selection' EQUAL 'Out Of Band Only') AND ('Primary Route Preference' EQUAL 'In Band') AND ('Secondary Route Preference' EQUAL 'None')) OR (('Active Management IP' EQUAL 'Out Of Band') AND ('Management IP Selection' EQUAL 'In Band Preferred') AND ('Primary Route Preference' EQUAL 'In Band') AND ('Secondary Route Preference' EQUAL 'None')) OR (('Active Management IP' EQUAL 'In Band') AND ('Management IP Selection' EQUAL 'Out Of Band Preferred') AND ('Primary Route Preference' EQUAL 'Out Of Band') AND ('Secondary Route Preference' EQUAL 'None'))))		
Clearing condition: (((('Active Management IP' EQUAL 'In Band') AND ('Management IP Selection' EQUAL 'In Band Only') AND (('Primary Route Preference' EQUAL 'In Band') OR ('Secondary Route Preference' EQUAL 'In Band')) OR (('Active Management IP' EQUAL 'Out Of Band') AND ('Management IP Selection' EQUAL 'Out Of Band Only') AND (('Primary Route Preference' EQUAL 'Out Of Band') OR ('Secondary Route Preference' EQUAL 'Out Of Band')) OR (('Active Management IP' EQUAL 'Out Of Band') AND ('Management IP Selection' EQUAL 'In Band Preferred') AND ('Primary Route Preference' EQUAL 'In Band') OR ('Secondary Route Preference' EQUAL 'In Band')) OR (('Active Management IP' EQUAL 'In Band') AND ('Management IP Selection' EQUAL 'Out Of Band Preferred') AND (('Primary Route Preference' EQUAL 'In Band') OR ('Secondary Route Preference' EQUAL 'In Band')) OR (('Active Management IP' EQUAL 'Out Of Band') AND ('Management IP Selection' EQUAL 'Out Of Band Preferred') AND (('Primary Route Preference' EQUAL 'Out Of Band') OR ('Secondary Route Preference' EQUAL 'Out Of Band'))))		
Remedial action: A configuration error has been made which must be corrected. The configuration error must be corrected per the discussion in the description for this alarm.		

Table 36-91 TrapRoutePreferenceRedundancyMissing

Alarm	Attributes	Applicable major releases
Name: TrapRoutePreferenceRedundancyMissing (1084) Type: communications (87) Package: netw Raised on class: netw.NetworkElement	Severity: warning Implicitly cleared: true Default probable cause: trapsRedundancyMissing (823)	<ul style="list-style-type: none"> • 6.3.4 • 6.4.2 • 6.4.3
Description: The user-defined alarm is raised when NE management redundancy is configured without trap route preference redundancy.		

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Alarm	Attributes	Applicable major releases
Raising condition: (((('Management IP Selection' EQUAL 'In Band Preferred') AND ('Active Management IP' EQUAL 'In Band') AND ('Primary Route Preference' EQUAL 'In Band') AND ('Secondary Route Preference' EQUAL 'None')) OR (('Management IP Selection' EQUAL 'Out Of Band Preferred') AND ('Active Management IP' EQUAL 'Out Of Band') AND ('Primary Route Preference' EQUAL 'Out Of Band') AND ('Secondary Route Preference' EQUAL 'None'))))		
Clearing condition: (((('Management IP Selection' EQUAL 'In Band Preferred') AND ('Active Management IP' EQUAL 'In Band') AND ('Secondary Route Preference' NOT EQUAL 'None')) OR (('Management IP Selection' EQUAL 'Out Of Band Preferred') AND ('Active Management IP' EQUAL 'Out Of Band') AND ('Secondary Route Preference' NOT EQUAL 'None'))))		
Remedial action: A configuration error has been made which must be corrected. The IP address of the standby SAM server must be configured on the NE in question.		

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Table 36-92 UnidentifiedNode

Alarm	Attributes	Applicable major releases
Name: UnidentifiedNode (1922) Type: communicationsAlarm (4) Package: netw Raised on class: netw.DiscoveredNode	Severity: major Implicitly cleared: true Default probable cause: unidentifiedNode (922)	<ul style="list-style-type: none"> • 6.3.4 • 6.4.2 • 6.4.3
Description: The alarm is raised when the node being discovered can not be properly identified.		
Raising condition: ('State' EQUAL 'Pending Identification')		
Clearing condition: ('State' NOT EQUAL 'Pending Identification')		
Remedial action: A configuration error has occurred that must be corrected. The eNodeB does not have a system name. The name can be configured by selecting the alarm, opening the associated properties form for the alarmed object and configuring the system name.		

Table 36-93 UnmanageFailed

Alarm	Attributes	Applicable major releases
Name: UnmanageFailed (300) Type: discoveryControlAlarm (33) Package: netw Raised on class: netw.NodeDiscoveryControl	Severity: warning Implicitly cleared: true Default probable cause: unableToDeleteNode (231)	<ul style="list-style-type: none"> • 6.3.4 • 6.4.2 • 6.4.3
Description: The alarm is raised when an attempt to unmanage an NE fails.		
Raising condition: ('Site State' EQUAL 'Unmanage Failed')		
Clearing condition: ('Site State' NOT EQUAL 'Unmanage Failed')		
Remedial action: Informational - if the alarm persists please contact Alcatel-Lucent support for assistance		

Table 36-94 UpgradedBuildVersionMismatch

Alarm	Attributes	Applicable major releases
Name: UpgradedBuildVersionMismatch (174) Type: configurationAlarm (11) Package: netw Raised on class: netw.NetworkElement	Severity: warning Implicitly cleared: true Default probable cause: upgradedImageNotBooted (137)	<ul style="list-style-type: none"> • 6.3.4 • 6.4.2 • 6.4.3
Description: The alarm is raised when the software version that an NE reports after a software upgrade does not match the version of the software used for the upgrade.		
Raising condition: ('upgradedBuildVersionMismatch' EQUAL 'true')		
Clearing condition: ('upgradedBuildVersionMismatch' EQUAL 'false')		
Remedial action: Informational - if the alarm persists please contact Alcatel-Lucent support for assistance		

Table 36-95 upgradedCardAlarm

Alarm	Attributes	Applicable major releases
Name: upgradedCardAlarm (255) Type: softwareAlarm (19) Package: equipment Raised on class: equipment.Card	Severity: warning Implicitly cleared: true Default probable cause: upgradedCard (194)	<ul style="list-style-type: none"> • 6.3.4 • 6.4.2 • 6.4.3
Description: The alarm is raised when the standby CPM is rebooted and operational after a software upgrade. A device resets an IOM automatically after 120 minutes if the IOM is not manually reset after a CPM upgrade.		
Raising condition: ('operationalState' EQUAL 'Upgrade')		
Clearing condition: ('operationalState' EQUAL 'Up')		
Remedial action: Informational - no corrective action required.		

Table 36-96 VersionConfigRestoreFailed

Alarm	Attributes	Applicable major releases
Name: VersionConfigRestoreFailed (536) Type: configurationAlarm (11) Package: sw Raised on class: sw.BackupRestoreManager	Severity: major Implicitly cleared: true Default probable cause: versionMismatch (405)	<ul style="list-style-type: none"> • 6.3.4 • 6.4.2 • 6.4.3
Description: The alarm is raised when the restore procedure on an NE fails because of a mismatch between the backup file set version and the NE software version.		
Raising condition: ('lastNmsVersionRestoreState' EQUAL 'Failure')		
Clearing condition: ('lastNmsVersionRestoreState' EQUAL 'Success')		
Remedial action: The backup files being restored do not match with the version of node software release. Download a new copy of the SW image to the NE. If the problem persists contact Alcatel-Lucent support for assistance.		

Table 36-97 WrongCpaaSoftwareVersion

Alarm	Attributes	Applicable major releases
Name: WrongCpaaSoftwareVersion (791) Type: equipmentAlarm (3) Package: netw Raised on class: netw.NetworkElement	Severity: critical Implicitly cleared: true Default probable cause: wrongCpaaSoftwareVersion (559)	<ul style="list-style-type: none"> • 6.3.4 • 6.4.2 • 6.4.3
Description: The alarm is raised when the 7701 CPAA software is the wrong version and requires an upgrade.		
Raising condition: (('Software Version' EQUAL \"TiMOS-B-3.0.Generic \") AND ('Chassis Type' EQUAL '7701 CPAA'))		
Clearing condition: (('Software Version' NOT EQUAL \"TiMOS-B-3.0.Generic \") AND ('Chassis Type' EQUAL '7701 CPAA'))		
Remedial action: The SW version of the CPAA must be upgraded to the version compatible with CPAM version.		

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Note – Some alarms that the 5620 SAM can raise against this device may not be listed in this chapter. Associating alarms with specific NE types is an ongoing Alcatel-Lucent effort. If the 5620 SAM raises an alarm against this device type, and the alarm is not described in this chapter, see chapter 41 for information about the alarm.

Table 37-1 AccessInterfaceDown

Alarm	Attributes	Applicable major releases
Name: AccessInterfaceDown (249) Type: AccessInterfaceAlarm (32) Package: service Raised on class: service.AccessInterface	Severity: critical Implicitly cleared: true Default probable cause: interfaceDown (32)	<ul style="list-style-type: none"> • 6.3.4 • 6.4.2 • 6.4.3
Description: The alarm is raised when an L2 or L3 interface operational state is Down. The alarm is not raised against an L2 access interface that is associated with an MC ring or MC LAG in the standby state.		
Raising condition: (('Operational State' NOT EQUAL 'Up') AND ('State Cause' NOT EQUAL 'Standby For MC-Ring') AND ('State Cause' NOT EQUAL 'Standby For MC-Lag') AND ('State Cause' NOT EQUAL 'Standby For BGP Multi-homing'))		
Clearing condition: (('Operational State' EQUAL 'Up') OR ('State Cause' EQUAL 'Standby For MC-Ring') OR ('State Cause' EQUAL 'Standby For MC-Lag') OR ('State Cause' EQUAL 'Standby For BGP Multi-homing'))		
Remedial action: The condition exists because the physical interface is down either because it is administratively disabled, faulty or a cabling fault has occurred. Ensure that the interface is administratively up. Check for a poor cable connection to the port or for a faulty cable/fiber. If neither appears to be the problem run diagnostics on the port to determine if it is faulty.		

Table 37-2 ActiveAbnormalCondition

Alarm	Attributes	Applicable major releases
Name: ActiveAbnormalCondition (3938) Type: activeAbnormalConditionAlarm (116) Package: netw Raised on class: netw.NetworkElement	Severity: major Implicitly cleared: true Default probable cause: ActiveAbnormalConditionState (1520)	<ul style="list-style-type: none"> • 6.3.4 • 6.4.2 • 6.4.3
Description: The alarm is an indication for abnormal condition on NE.		
Raising condition: ('abnormalCondition' EQUAL 'true')		
Clearing condition: ('abnormalCondition' EQUAL 'false')		
Remedial action: This alarm is raised when there is a abnormal state indication on NE.		

Table 37-3 AggregatedVFLPortDown

Alarm	Attributes	Applicable major releases
Name: AggregatedVFLPortDown (5436) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.Shelf	Severity: critical Implicitly cleared: true Default probable cause: connectivityIssue (2137)	<ul style="list-style-type: none"> • 6.3.4 • 6.4.2 • 6.4.3
Description: The alarm is generated when the aggregated virtual fabric link on the virtual chassis slot is down.		
Raising condition: (('Shelf Type' EQUAL '7850') AND ('Total Slots' EQUAL '4') AND ('Virtual Fabric Link State' NOT EQUAL 'Up'))		
Clearing condition: (('Shelf Type' EQUAL '7850') AND ('Total Slots' EQUAL '4') AND ('Virtual Fabric Link State' EQUAL 'Up'))		
Remedial action: The alarm is raised when the aggregated virtual fabric link on the virtual chassis is down. Please check the virtual fabric links for the virtual chassis setup.		

Table 37-4 AGWDiameterPeerDown

Alarm	Attributes	Applicable major releases
Name: AGWDiameterPeerDown (844) Type: EpcAlarm (59) Package: Ite Raised on class: Ite.AGWDiameterPeer	Severity: variable Implicitly cleared: true Default probable cause: EPSPeerDown (602)	<ul style="list-style-type: none"> • 6.3.4 • 6.4.2 • 6.4.3
Description: The alarm is raised when the path management state of a Diameter peer changes to a state other than Up.		
Raising condition: ('Path Diameter Management State' NOT EQUAL 'Active')		
Clearing condition: ('Path Diameter Management State' EQUAL 'Active')		
Remedial action: A Ga reference point (peer) is operationally down for one of the following reasons: the underlying IP or physical interface is down, the far end peer is down or the underlying transport between this NE and the peer NE is down. To resolve the issue ensure that the IP/physical interface is up, check that the far end peer is operational and check that the underlying transport network is up.		

Table 37-5 AuxiliaryServerStatus

Alarm	Attributes	Applicable major releases
Name: AuxiliaryServerStatus (311) Type: communicationsAlarm (4) Package: server Raised on class: server.AuxiliaryServer	Severity: critical Implicitly cleared: true Default probable cause: systemFailed (144)	<ul style="list-style-type: none"> • 6.3.4 • 6.4.2 • 6.4.3
Description: The alarm is raised when a 5620 SAM main server cannot communicate with an auxiliary server. The alarm clears when communication is restored.		
Raising condition: ('Server Status' EQUAL 'Down')		
Clearing condition: ('Server Status' EQUAL 'Up')		
Remedial action: Informational - if the alarm persists or is occurring frequently then investigation is required to understand why the connectivity between the AUX and SAM servers is unreliable.		

Table 37-6 BgpDown

Alarm	Attributes	Applicable major releases
Name: BgpDown (6) Type: ProtocolAlarm (1) Package: bgp Raised on class: bgp.Site	Severity: critical Implicitly cleared: true Default probable cause: protocolDown (1)	<ul style="list-style-type: none"> • 6.3.4 • 6.4.2 • 6.4.3
Description: The alarm is raised when a BGP instance has an Operational State other than Up, and the Administrative State is Up.		
Raising condition: (('Administrative State' EQUAL 'Up') AND ('Operational State' NOT EQUAL 'Up'))		
Clearing condition: (('Operational State' EQUAL 'Up') OR ('Administrative State' NOT EQUAL 'Up'))		
Remedial action: The BGP protocol entity is down - administratively disable BGP and re-enable. If the problem persists please contact Alcatel-Lucent support for assistance.		

Table 37-7 BootableConfigBackupFailed

Alarm	Attributes	Applicable major releases
Name: BootableConfigBackupFailed (103) Type: configurationAlarm (11) Package: sw Raised on class: sw.BackupRestoreManager	Severity: major Implicitly cleared: true Default probable cause: fileTransferFailure (89)	<ul style="list-style-type: none"> • 6.3.4 • 6.4.2 • 6.4.3
Description: The alarm is raised when the 5620 SAM fails to back up a set of NE configuration files.		
Raising condition: ('Backup State' EQUAL 'Failure')		
Clearing condition: ('Backup State' EQUAL 'Success')		

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Alarm	Attributes	Applicable major releases
Remedial action: Investigation is required to resolve the following possible scenarios: insufficient disk space is available to accommodate the NE configuration files (additional SAM platform alarms will accompany this alarm); the NE is unreachable (including underlying transport network issue); loss of connectivity to the NE during transfer; the FTP daemon on the NE may have stopped; FTP security credential issues.		

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Table 37-8 BootableConfigRestoreFailed

Alarm	Attributes	Applicable major releases
Name: BootableConfigRestoreFailed (104) Type: configurationAlarm (11) Package: sw Raised on class: sw.BackupRestoreManager	Severity: major Implicitly cleared: true Default probable cause: fileTransferFailure (89)	<ul style="list-style-type: none"> • 6.3.4 • 6.4.2 • 6.4.3
Description: The alarm is raised when the 5620 SAM fails to restore a set of NE configuration files.		
Raising condition: ('Restore State' EQUAL 'Failure')		
Clearing condition: ('Restore State' EQUAL 'Success')		
Remedial action: Investigation is required to resolve the following possible scenarios: the NE is unreachable (including underlying transport network issue); loss of connectivity to the NE during transfer; the FTP daemon on the NE may have stopped; FTP security credential issues.		

Table 37-9 BootParametersMisconfigured

Alarm	Attributes	Applicable major releases
Name: BootParametersMisconfigured (35) Type: configurationAlarm (11) Package: netw Raised on class: netw.NetworkElement	Severity: critical Implicitly cleared: true Default probable cause: persistentIndexFailure (30) Applicable probable causes: <ul style="list-style-type: none"> • persistentIndexFailure • configFileBootFailure 	<ul style="list-style-type: none"> • 6.3.4 • 6.4.2 • 6.4.3
Description: The alarm is raised when the SNMP Index Boot Status on an NE is not set to Persistent.		
Raising condition: (('isGenericNode' EQUAL 'false') AND ('State' NOT EQUAL 'Pre-provisioned') AND (('Config File Status' NOT EQUAL 'Executed Successfully') AND ('Config File Status' NOT EQUAL 'configFileStatus_unspecified')) OR (('Persistent Index Status' NOT EQUAL 'Rebuild Succeeded') AND ('Persistent Index Status' NOT EQUAL 'persistentIndexStatus_unspecified'))))		
Clearing condition: (('Config File Status' EQUAL 'Executed Successfully') AND ('Persistent Index Status' EQUAL 'Rebuild Succeeded'))		
Remedial action: Ensure that "SNMP Index Boot Status" is persistent (using cli command "show system information" on the NE). If not, unmanage the network element from SAM, ensure that "persist on" is set in the bof file, save the bof, save a config file, verify that an index file (.ndx) is saved as well, reboot the router, verify that SNMP Index Boot Status is persistent and finally remanage the router from SAM.		

Table 37-10 ClientDelegateServerStatus

Alarm	Attributes	Applicable major releases
Name: ClientDelegateServerStatus (731) Type: communicationsAlarm (4) Package: server Raised on class: server.ClientDelegateServer	Severity: critical Implicitly cleared: true Default probable cause: systemFailed (144)	<ul style="list-style-type: none"> • 6.3.4 • 6.4.2 • 6.4.3
Description: The alarm is raised when a client delegate server is unreachable.		
Raising condition: ('Server Status' EQUAL 'Down')		
Clearing condition: ('Server Status' EQUAL 'Up')		
Remedial action: Informational - if the alarm persists or is occurring frequently then investigation is required to understand why the connectivity between the client delegate platform and SAM servers is unreliable or the client delegate server itself is unreliable.		

Table 37-11 ContainingEquipmentAdministrativelyDown

Alarm	Attributes	Applicable major releases
Name: ContainingEquipmentAdministrativelyDown (466) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.Port	Severity: minor Implicitly cleared: true Default probable cause: containingEquipmentAdministrativelyDown (330)	<ul style="list-style-type: none"> • 6.3.4 • 6.4.2 • 6.4.3
Description: The alarm is raised when the compositeEquipmentState attribute has a value of containingEquipmentAdministrativelyDown.		
Raising condition: (('Status' EQUAL 'Parent Admin Down') AND ('isTerminatable' EQUAL 'true'))		
Clearing condition: (('Status' NOT EQUAL 'Parent Admin Down') OR ('isTerminatable' NOT EQUAL 'true'))		
Remedial action: Informational - no corrective action required.		

Table 37-12 ContainingEquipmentMismatch

Alarm	Attributes	Applicable major releases
Name: ContainingEquipmentMismatch (464) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.Port	Severity: major Implicitly cleared: true Default probable cause: containingEquipmentMismatch (328)	<ul style="list-style-type: none"> • 6.3.4 • 6.4.2 • 6.4.3
Description: The alarm is raised when the compositeEquipmentState attribute has a value of containingEquipmentMismatch.		
Raising condition: (('Status' EQUAL 'Parent Type Mismatch') AND ('isTerminatable' EQUAL 'true'))		
Clearing condition: (('Status' NOT EQUAL 'Parent Type Mismatch') OR ('isTerminatable' NOT EQUAL 'true'))		
Remedial action: A configuration error has occurred which must be corrected. The card type configured for the slot identified in the alarm must match the installed card type.		

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Table 37-13 ContainingEquipmentOperationallyDown

Alarm	Attributes	Applicable major releases
Name: ContainingEquipmentOperationallyDown (465) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.Port	Severity: major Implicitly cleared: true Default probable cause: containingEquipmentDown (329)	<ul style="list-style-type: none"> • 6.3.4 • 6.4.2 • 6.4.3
Description: The alarm is raised when the compositeEquipmentState attribute has a value of containingEquipmentOperationallyDown.		
Raising condition: (('Status' EQUAL 'Parent Oper Down') AND ('isTerminatable' EQUAL 'true'))		
Clearing condition: (('Status' NOT EQUAL 'Parent Oper Down') OR ('isTerminatable' NOT EQUAL 'true'))		
Remedial action: The operational state of the equipment element indicated in the alarm is down. This may be due to the element's administrative state or it may indicate that the element has failed.		

Table 37-14 CorruptImageFile

Alarm	Attributes	Applicable major releases
Name: CorruptImageFile (171) Type: configurationAlarm (11) Package: mediation Raised on class: mediation.AbstractSoftwareFolderDescriptor	Severity: critical Implicitly cleared: true Default probable cause: invalidOrCorruptImageFile (134)	<ul style="list-style-type: none"> • 6.3.4 • 6.4.2 • 6.4.3
Description: The alarm is raised when one or more files in the 5620 SAM software image specified for a device software upgrade is invalid, corrupt or absent. The 5620 SAM validates a device software file set before it imports the file set and distributes it to an NE. Ensure that the file set downloads properly to the NE and is not tampered with before you re-attempt the upgrade. The alarm clears when a valid file set is on the NE and the 5620 SAM activates the software image in the file set.		
Raising condition: ('isImageValid' EQUAL 'false')		
Clearing condition: ('isImageValid' EQUAL 'true')		
Remedial action: The existing SW image in the SAM database should be replaced with an image that is known to be complete and valid.		

Table 37-15 downgradedCardAlarm

Alarm	Attributes	Applicable major releases
Name: downgradedCardAlarm (256) Type: softwareAlarm (19) Package: equipment Raised on class: equipment.Card	Severity: warning Implicitly cleared: true Default probable cause: downgradedCard (195)	<ul style="list-style-type: none"> • 6.3.4 • 6.4.2 • 6.4.3
Description: The alarm is raised when an IOM is not upgraded or reset after a device software upgrade of both CPMs. A device resets an IOM automatically after 120 minutes if the IOM is not manually reset after a CPM upgrade.		

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Alarm	Attributes	Applicable major releases
Raising condition: ('operationalState' EQUAL 'Downgrade')		
Clearing condition: ('operationalState' EQUAL 'Up')		
Remedial action: Informational - no corrective action required.		

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Table 37-16 EquipmentAdministrativelyDown

Alarm	Attributes	Applicable major releases
Name: EquipmentAdministrativelyDown (455) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.Equipment	Severity: minor Implicitly cleared: true Default probable cause: equipmentAdministrativelyDown (326)	<ul style="list-style-type: none"> • 6.3.4 • 6.4.2 • 6.4.3
Description: The alarm is raised when the compositeEquipmentState attribute has a value of equipmentAdministrativelyDown.		
Raising condition: ('compositeEquipmentState' EQUAL 'Admin Down')		
Clearing condition: ('compositeEquipmentState' NOT EQUAL 'Admin Down')		
Remedial action: Informational - no corrective action required.		

Table 37-17 EquipmentDegraded

Alarm	Attributes	Applicable major releases
Name: EquipmentDegraded (604) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.FanTray	Severity: minor Implicitly cleared: true Default probable cause: singleFanFailure (450)	<ul style="list-style-type: none"> • 6.3.4 • 6.4.2 • 6.4.3
Description: The alarm is raised when a single fan fails. The chassis attempts to continue operating within the normal temperature range using only the remaining fans.		
Raising condition: ('Device State' EQUAL 'MinorFailure')		
Clearing condition: ('Device State' NOT EQUAL 'MinorFailure')		
Remedial action: The failed fan unit should be replaced.		

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Table 37-18 EquipmentDown

Alarm	Attributes	Applicable major releases
Name: EquipmentDown (10) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.Equipment	Severity: major Implicitly cleared: true Default probable cause: inoperableEquipment (8)	<ul style="list-style-type: none"> • 6.3.4 • 6.4.2 • 6.4.3
Description: The alarm is raised when the compositeEquipmentState attribute has a value of equipmentOperationallyDown.		
Raising condition: ('compositeEquipmentState' EQUAL 'Oper Down')		
Clearing condition: ('compositeEquipmentState' NOT EQUAL 'Oper Down')		
Remedial action: This alarm indicates that a card in the NE has failed. The card must be replaced.		

Table 37-19 EquipmentFailure

Alarm	Attributes	Applicable major releases
Name: EquipmentFailure (145) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.ReplaceableUnit	Severity: critical Implicitly cleared: true Default probable cause: cardFailure (123)	<ul style="list-style-type: none"> • 6.3.4 • 6.4.2 • 6.4.3
Description: The alarm is raised when a control processor or power-supply tray reports a failure. When the object type is ControlProcessor, a CPM may be unable to boot. When the object type is Power Supply Tray and the alarm is raised during device discovery, a power-supply tray may be out of service. When the object type is a Power Supply Tray and the device is in the managed state, a power-supply tray may be out of service or the AC power shelf has a fault condition. The alarm clears when the status changes to OK.		
Raising condition: ('operationalState' EQUAL 'Failed')		
Clearing condition: ('operationalState' NOT EQUAL 'Failed')		
Remedial action: If the alarm indicates that the CPM card has a fault, remove the card and reset it. If this does not clear the alarm then please contact Alcatel-Lucent support for assistance. If the alarm indicates that the Power Supply tray is out of service ensure that the NE is properly connected to power. If the problem persists please contact Alcatel-Lucent support for assistance.		

Table 37-20 EquipmentInTest

Alarm	Attributes	Applicable major releases
Name: EquipmentInTest (11) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.Equipment	Severity: warning Implicitly cleared: true Default probable cause: equipmentInTest (9)	<ul style="list-style-type: none"> • 6.3.4 • 6.4.2 • 6.4.3
Description: The alarm is raised when equipment enters a diagnostic state.		
Raising condition: ('compositeEquipmentState' EQUAL 'In Test')		
Clearing condition: ('compositeEquipmentState' NOT EQUAL 'In Test')		

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Alarm	Attributes	Applicable major releases
Remedial action: Informational - no corrective action required.		

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Table 37-21 EquipmentMismatch

Alarm	Attributes	Applicable major releases
Name: EquipmentMismatch (9) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.Equipment	Severity: major Implicitly cleared: true Default probable cause: equipmentTypeMismatch (7)	<ul style="list-style-type: none"> • 6.3.4 • 6.4.2 • 6.4.3
Description: The alarm is raised when the compositeEquipmentState attribute has a value of equipmentMismatch.		
Raising condition: ('compositeEquipmentState' EQUAL 'Type Mismatch')		
Clearing condition: ('compositeEquipmentState' NOT EQUAL 'Type Mismatch')		
Remedial action: A configuration error has occurred which must be corrected. The card type configured for the slot identified in the alarm must match the installed card type.		

Table 37-22 EquipmentRemoved

Alarm	Attributes	Applicable major releases
Name: EquipmentRemoved (8) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.Equipment	Severity: major Implicitly cleared: true Default probable cause: replaceableEquipmentRemoved (6)	<ul style="list-style-type: none"> • 6.3.4 • 6.4.2 • 6.4.3
Description: The alarm is raised when the compositeEquipmentState attribute has a value of equipmentMissing.		
Raising condition: (((('isEquipped' EQUAL 'false') OR ('compositeEquipmentState' EQUAL 'Removed')) AND ('isEquipmentInserted' EQUAL 'true'))		
Clearing condition: (('compositeEquipmentState' NOT EQUAL 'Removed') AND ('isEquipped' EQUAL 'true'))		
Remedial action: Informational - this alarm is raised when a card is removed.		

Table 37-23 EthernetPortConfiguredLoopback

Alarm	Attributes	Applicable major releases
Name: EthernetPortConfiguredLoopback (801) Type: configurationAlarm (11) Package: ethernetequipment Raised on class: ethernetequipment.EthernetPortSpecifics	Severity: warning Implicitly cleared: true Default probable cause: ethernetPortConfiguredLoopback (567)	<ul style="list-style-type: none"> • 6.3.4 • 6.4.2 • 6.4.3

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Alarm	Attributes	Applicable major releases
Description: The alarm is raised when a timed loopback is in effect for an Ethernet port.		
Raising condition: (('Type' NOT EQUAL 'None'))		
Clearing condition: (('Type' EQUAL 'None'))		
Remedial action: This alarm has been raised by the node because "Timed Loopback" option of the specific port's Ethernet property has been enabled. To resolve this problem from "Ethernet" tab of "Physical Port" properties form configure "Timed Loopback" Type property as "None".		

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Table 37-24 EthernetPortDuplicateLane

Alarm	Attributes	Applicable major releases
Name: EthernetPortDuplicateLane (3557) Type: communicationsAlarm (4) Package: ethernetequipment Raised on class: ethernetequipment.EthernetPortSpecifics	Severity: major Implicitly cleared: true Default probable cause: DuplicateLane (1387)	<ul style="list-style-type: none"> • 6.3.4 • 6.4.2 • 6.4.3
Description: The alarm is raised when a device reports a Duplicate Lane on an Ethernet port.		
Raising condition: (('Outstanding Alarms'anyBit'Duplicate Lane') AND ('Report Alarms'anyBit'Duplicate Lane'))		
Clearing condition: NOT (('Outstanding Alarms'anyBit'Duplicate Lane') AND ('Report Alarms'anyBit'Duplicate Lane'))		
Remedial action: One of the following conditions exists on the referenced physical interface which must be corrected. A cable/fiber fault exists which must be corrected - check to ensure that the cable is not faulty and is properly connected. The port is faulty - run diagnostics on the port to determine the nature of the fault. If the problem cannot be resolved swap the card containing the port with a card which is known be functional.		

Table 37-25 EthernetPortHighBer

Alarm	Attributes	Applicable major releases
Name: EthernetPortHighBer (307) Type: communicationsAlarm (4) Package: ethernetequipment Raised on class: ethernetequipment.EthernetPortSpecifics	Severity: major Implicitly cleared: true Default probable cause: HighBer (238)	<ul style="list-style-type: none"> • 6.3.4 • 6.4.2 • 6.4.3
Description: The alarm is raised when a device reports a high bit-error rate on an Ethernet port.		
Raising condition: (('Outstanding Alarms'anyBit'High Bit Error Rate') AND ('Report Alarms'anyBit'High Bit Error Rate'))		
Clearing condition: NOT (('Outstanding Alarms'anyBit'High Bit Error Rate') AND ('Report Alarms'anyBit'High Bit Error Rate'))		
Remedial action: One of the following conditions exists on the physical interface which must be corrected. A cable/fiber fault exists which must be corrected - check to ensure that the cable is not faulty and is properly connected. The port is faulty - run diagnostics on the port to determine the nature of the fault.		

Table 37-26 EthernetPortLocalFault

Alarm	Attributes	Applicable major releases
Name: EthernetPortLocalFault (305) Type: communicationsAlarm (4) Package: ethernetequipment Raised on class: ethernetequipment.EthernetPortSpecifics	Severity: major Implicitly cleared: true Default probable cause: LocalFault (236)	<ul style="list-style-type: none"> • 6.3.4 • 6.4.2 • 6.4.3
Description: The alarm is raised when a device reports a local fault on an Ethernet port.		
Raising condition: (('Outstanding Alarms'anyBit'Local Fault') AND ('Report Alarms'anyBit'Local Fault'))		
Clearing condition: NOT (('Outstanding Alarms'anyBit'Local Fault') AND ('Report Alarms'anyBit'Local Fault'))		
Remedial action: One of the following conditions exists on the physical interface which must be corrected. A cable/fiber fault exists which must be corrected - check to ensure that the cable is not faulty and is properly connected. The port is faulty - run diagnostics on the port to determine the nature of the fault.		

Table 37-27 EthernetPortNoAmLock

Alarm	Attributes	Applicable major releases
Name: EthernetPortNoAmLock (3558) Type: communicationsAlarm (4) Package: ethernetequipment Raised on class: ethernetequipment.EthernetPortSpecifics	Severity: major Implicitly cleared: true Default probable cause: NoAmLock (1388)	<ul style="list-style-type: none"> • 6.3.4 • 6.4.2 • 6.4.3
Description: The alarm is raised when a device reports a No Am Lock on an Ethernet port.		
Raising condition: (('Outstanding Alarms'anyBit'No AM Lock') AND ('Report Alarms'anyBit'No AM Lock'))		
Clearing condition: NOT (('Outstanding Alarms'anyBit'No AM Lock') AND ('Report Alarms'anyBit'No AM Lock'))		
Remedial action: One of the following conditions exists on the referenced physical interface which must be corrected. A cable/fiber fault exists which must be corrected - check to ensure that the cable is not faulty and is properly connected. The port is faulty - run diagnostics on the port to determine the nature of the fault. If the problem cannot be resolved swap the card containing the port with a card which is known be functional.		

Table 37-28 EthernetPortNoBlockLock

Alarm	Attributes	Applicable major releases
Name: EthernetPortNoBlockLock (3559) Type: communicationsAlarm (4) Package: ethernetequipment Raised on class: ethernetequipment.EthernetPortSpecifics	Severity: major Implicitly cleared: true Default probable cause: NoBlockLock (1389)	<ul style="list-style-type: none"> • 6.3.4 • 6.4.2 • 6.4.3
Description: The alarm is raised when a device reports a No Block Lock on an Ethernet port.		
Raising condition: (('Outstanding Alarms'anyBit'No Block Lock') AND ('Report Alarms'anyBit'No Block Lock'))		

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Alarm	Attributes	Applicable major releases
Clearing condition: NOT (('Outstanding Alarms'anyBit'No Block Lock') AND ('Report Alarms'anyBit'No Block Lock'))		
Remedial action: One of the following conditions exists on the referenced physical interface which must be corrected. A cable/fiber fault exists which must be corrected - check to ensure that the cable is not faulty and is properly connected. The port is faulty - run diagnostics on the port to determine the nature of the fault. If the problem cannot be resolved swap the card containing the port with a card which is known be functional.		

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Table 37-29 EthernetPortNoFrameLock

Alarm	Attributes	Applicable major releases
Name: EthernetPortNoFrameLock (306) Type: communicationsAlarm (4) Package: ethernetequipment Raised on class: ethernetequipment.EthernetPortSpecifics	Severity: major Implicitly cleared: true Default probable cause: NoFrameLock (237)	<ul style="list-style-type: none"> • 6.3.4 • 6.4.2 • 6.4.3
Description: The alarm is raised when a device reports No Frame Lock on an Ethernet port.		
Raising condition: (('Outstanding Alarms'anyBit'No Frame Lock') AND ('Report Alarms'anyBit'No Frame Lock'))		
Clearing condition: NOT (('Outstanding Alarms'anyBit'No Frame Lock') AND ('Report Alarms'anyBit'No Frame Lock'))		
Remedial action: One of the following conditions exists on the physical interface which must be corrected. A cable/fiber fault exists which must be corrected - check to ensure that the cable is not faulty and is properly connected. The port is faulty - run diagnostics on the port to determine the nature of the fault.		

Table 37-30 EthernetPortRemoteFault

Alarm	Attributes	Applicable major releases
Name: EthernetPortRemoteFault (304) Type: communicationsAlarm (4) Package: ethernetequipment Raised on class: ethernetequipment.EthernetPortSpecifics	Severity: major Implicitly cleared: true Default probable cause: RemoteFault (235)	<ul style="list-style-type: none"> • 6.3.4 • 6.4.2 • 6.4.3
Description: The alarm is raised when a device reports a remote fault on an Ethernet port.		
Raising condition: (('Outstanding Alarms'anyBit'Remote Fault') AND ('Report Alarms'anyBit'Remote Fault'))		
Clearing condition: NOT (('Outstanding Alarms'anyBit'Remote Fault') AND ('Report Alarms'anyBit'Remote Fault'))		
Remedial action: One of the following conditions exists on the remote physical interface which must be corrected. A cable/fiber fault exists which must be corrected - check to ensure that the cable is not faulty and is properly connected. The port is faulty - run diagnostics on the port to determine the nature of the fault.		

Table 37-31 EthernetPortSignalFailure

Alarm	Attributes	Applicable major releases
Name: EthernetPortSignalFailure (303) Type: communicationsAlarm (4) Package: ethernetequipment Raised on class: ethernetequipment.EthernetPortSpecifics	Severity: major Implicitly cleared: true Default probable cause: SignalFailure (234)	<ul style="list-style-type: none"> • 6.3.4 • 6.4.2 • 6.4.3
Description: The alarm is raised when a device reports a signal failure on an Ethernet port.		
Raising condition: (('Outstanding Alarms'anyBit'Signal Failure') AND ('Report Alarms'anyBit'Signal Failure'))		
Clearing condition: NOT (('Outstanding Alarms'anyBit'Signal Failure') AND ('Report Alarms'anyBit'Signal Failure'))		
Remedial action: One of the following conditions exists on the physical interface which must be corrected. A cable/fiber fault exists which must be corrected - check to ensure that the cable is not faulty and is properly connected. The port is faulty - run diagnostics on the port to determine the nature of the fault.		

Table 37-32 FanFailure

Alarm	Attributes	Applicable major releases
Name: FanFailure (624) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.FanTray	Severity: critical Implicitly cleared: true Default probable cause: fanFailure (116)	<ul style="list-style-type: none"> • 6.3.4 • 6.4.2 • 6.4.3
Description: The alarm is raised when the associated fan is not operationally Up.		
Raising condition: (('Device State' EQUAL 'Failed') OR ('Device State' EQUAL 'Unknown') OR ('Device State' EQUAL 'OutOfservice'))		
Clearing condition: ('Device State' EQUAL 'OK')		
Remedial action: Remove and reset the fan unit. If this does not resolve the problem replace the fan.		

Table 37-33 FanTrayRemoved

Alarm	Attributes	Applicable major releases
Name: FanTrayRemoved (569) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.FanTray	Severity: critical Implicitly cleared: true Default probable cause: FanTrayRemoved (438)	<ul style="list-style-type: none"> • 6.3.4 • 6.4.2 • 6.4.3
Description: The alarm is raised when the deviceState attribute has a value of deviceNotEquipped.		
Raising condition: ('Device State' EQUAL 'Not Equipped')		
Clearing condition: ('Device State' NOT EQUAL 'Not Equipped')		
Remedial action: Informational - a fan tray has been removed from the NE.		

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Table 37-34 FrameSizeProblem (netw)

Alarm	Attributes	Applicable major releases
Name: FrameSizeProblem (37) Type: configurationAlarm (11) Package: netw Raised on class: netw.StatefullConnectableInterface	Severity: critical Implicitly cleared: true Default probable cause: frameSizeProblem (33)	<ul style="list-style-type: none"> • 6.3.4 • 6.4.2 • 6.4.3
Description: The alarm is raised when a provisioned MTU size value is greater than the supported MTU size value.		
Raising condition: (('mtuMismatch' EQUAL 'true') AND ('portId' NOT EQUAL '0L'))		
Clearing condition: (('mtuMismatch' EQUAL 'false') OR ('portId' EQUAL '0L'))		
Remedial action: A configuration error has been made which must be corrected. The MTU value must be changed such that is less than or equal to the supported MTU size value.		

Table 37-35 GaPeerDown

Alarm	Attributes	Applicable major releases
Name: GaPeerDown (3303) Type: EpcAlarm (59) Package: Iteggns Raised on class: Iteggns.GaPeer	Severity: major Implicitly cleared: true Default probable cause: EPSPeerDown (602)	<ul style="list-style-type: none"> • 6.3.4 • 6.4.2 • 6.4.3
Description: The alarm is raised when the path management state of a Ga peer changes to a state other than Up.		
Raising condition: ('Path Management State' NOT EQUAL 'Active')		
Clearing condition: ('Path Management State' EQUAL 'Active')		
Remedial action: A Ga reference point (peer) is operationally down for one of the following reasons: the underlying IP or physical interface is down, the far end peer is down or the underlying transport between this NE and the peer NE is down. To resolve the issue ensure that the IP/physical interface is up, check that the far end peer is operational and check that the underlying transport network is up.		

Table 37-36 IfVlanSubTypeConflict

Alarm	Attributes	Applicable major releases
Name: IfVlanSubTypeConflict (213) Type: configurationAlarm (11) Package: vlan Raised on class: vlan.L2AccessInterface	Severity: major Implicitly cleared: true Default probable cause: topologyMisconfigured (81)	<ul style="list-style-type: none"> • 6.3.4 • 6.4.2 • 6.4.3
Description: The alarm is raised when more than one type of VLAN service is configured with the same VLAN ID. The alarm is raised against an L2 access interface.		
Raising condition: ('vlanSubTypeConflict' EQUAL 'true')		
Clearing condition: ('vlanSubTypeConflict' EQUAL 'false')		

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Alarm	Attributes	Applicable major releases
Remedial action: Ensure that only one type of VLAN Service is configured with the VLAN ID used by this Interface.		

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Table 37-37 IgmpDown

Alarm	Attributes	Applicable major releases
Name: IgmpDown (158) Type: ProtocolAlarm (1) Package: igmp Raised on class: igmp.Site	Severity: critical Implicitly cleared: true Default probable cause: protocolDown (1)	<ul style="list-style-type: none"> • 6.3.4 • 6.4.2 • 6.4.3
Description: The alarm is raised when an IGMP site has an Operational State other than Up, and the Administrative State is Up.		
Raising condition: (('Administrative State' EQUAL 'Up') AND ('Operational State' NOT EQUAL 'Up'))		
Clearing condition: (('Operational State' EQUAL 'Up') OR ('Administrative State' NOT EQUAL 'Up'))		
Remedial action: While configured under VPRN, check if VPRN site is admin down, or if route distinguisher is not configured.		

Table 37-38 IgmpSnoopingDown

Alarm	Attributes	Applicable major releases
Name: IgmpSnoopingDown (161) Type: ProtocolAlarm (1) Package: layer2 Raised on class: layer2.Bridge	Severity: warning Implicitly cleared: true Default probable cause: protocolDown (1)	<ul style="list-style-type: none"> • 6.3.4 • 6.4.2 • 6.4.3
Description: The alarm is raised when IGMP snooping is disabled on an NE and a TLS VLAN or MVR VLAN service is provisioned on the NE.		
Raising condition: ('IGMP Snooping' EQUAL 'Disabled')		
Clearing condition: ('IGMP Snooping' EQUAL 'Enabled')		
Remedial action: To clear the alarm, enable IGMP Snooping under the Bridge Instance.		

Table 37-39 IncompleteConfiguration

Alarm	Attributes	Applicable major releases
Name: IncompleteConfiguration (1942) Type: operationalViolation (93) Package: netw Raised on class: netw.NetworkElement	Severity: warning Implicitly cleared: true Default probable cause: incompleteConfig (225)	<ul style="list-style-type: none"> • 6.3.4 • 6.4.2 • 6.4.3
Description: The alarm is raised when a pre-provisioned NE has no objects configured beneath it.		

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Alarm	Attributes	Applicable major releases
Raising condition: (('State' EQUAL 'Pre-provisioned') AND ('eNodeB Equipment' EQUAL '\'))		
Clearing condition: (('State' EQUAL 'Pre-provisioned') AND ('eNodeB Equipment' NOT EQUAL '\'))		
Remedial action: A configuration error has been made which must be corrected. The configuration of the pre-provisioned NE is incomplete. A work order was not associated with the pre-provisioned NE and as a consequence the attempt to auto-configure the NE failed.		

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Table 37-40 InterfaceDown (netw)

Alarm	Attributes	Applicable major releases
Name: InterfaceDown (36) Type: InterfaceAlarm (13) Package: netw Raised on class: netw.StatefullConnectableInterface	Severity: critical Implicitly cleared: true Default probable cause: interfaceDown (32)	<ul style="list-style-type: none"> • 6.3.4 • 6.4.2 • 6.4.3
Description: The alarm is raised when an interface or underlying resource fails, as indicated by an interface compositeState attribute value of failed or underlyingResourceFailed.		
Raising condition: (('compositeState' EQUAL 'Inoperable') OR ('compositeState' EQUAL 'Underlying Resource Inoperable'))		
Clearing condition: (('compositeState' NOT EQUAL 'Inoperable') AND ('compositeState' NOT EQUAL 'Underlying Resource Inoperable'))		
Remedial action: A physical port (physical interface, LAG, channel) associated with the network interface in not operation. Ensure that the interface is cabled and that there is not a configuration error (i.e. MTU size set incorrectly) on the interface. Once the issue w		

Table 37-41 IsisDown

Alarm	Attributes	Applicable major releases
Name: IsisDown (19) Type: ProtocolAlarm (1) Package: isis Raised on class: isis.Site	Severity: critical Implicitly cleared: true Default probable cause: protocolDown (1)	<ul style="list-style-type: none"> • 6.3.4 • 6.4.2 • 6.4.3
Description: The alarm is raised when an IS-IS site has an Operational State other than Up, and the Administrative State is Up.		
Raising condition: (('Administrative State' EQUAL 'Up') AND ('Operational State' NOT EQUAL 'Up'))		
Clearing condition: (('Operational State' EQUAL 'Up') OR ('Administrative State' NOT EQUAL 'Up'))		
Remedial action: The protocol is not working anymore, could be a problem with IP addresses, resources on the device, ...		

Table 37-42 LagDown

Alarm	Attributes	Applicable major releases
Name: LagDown (20) Type: equipmentAlarm (3) Package: lag Raised on class: lag.Interface	Severity: critical Implicitly cleared: true Default probable cause: lagDown (17)	<ul style="list-style-type: none"> • 6.3.4 • 6.4.2 • 6.4.3
Description: The alarm is raised when all ports in a LAG are operationally down.		
Raising condition: (('Administrative State' EQUAL 'Up') AND ('operationalState' NOT EQUAL 'Up'))		
Clearing condition: (('operationalState' EQUAL 'Up') OR ('Administrative State' NOT EQUAL 'Up'))		
Remedial action: This alarm indicates that all physical Ethernet links associated with a LAG are operationally down. The reasons for the links to be down may vary from link to link. The following possible causes of this alarm should be investigated. The physical port (near end or far end may have failed - this can be remedied by replacing the interface card in question. The physical links may have been turned down administratively - re-enable the links. A cable failure or disconnect may have occurred - please ensure that the cables are properly connected to the physical port and and that the cable has not been damaged.		

Table 37-43 LagPortAddFailed

Alarm	Attributes	Applicable major releases
Name: LagPortAddFailed (422) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.PhysicalPort	Severity: warning Implicitly cleared: true Default probable cause: linkDown (315)	<ul style="list-style-type: none"> • 6.3.4 • 6.4.2 • 6.4.3
Description: The alarm is raised when the Lag Port Add function Fails.		
Raising condition: (('state' EQUAL 'Link Down') AND ('LAG ID' > '0'))		
Clearing condition: (('state' NOT EQUAL 'Link Down') OR ('LAG ID' EQUAL '0'))		
Remedial action: A configuration error has occurred which must be corrected. The link that was to be added to the LAG group may be of the wrong type (i.e. non ethernet) or the limit of the number of links supported in a LAG may have been reached.		

Table 37-44 LicensedLimitExceeded

Alarm	Attributes	Applicable major releases
Name: LicensedLimitExceeded (127) Type: licensingAlarm (23) Package: security Raised on class: security.ProductLicense	Severity: critical Implicitly cleared: true Default probable cause: licensedLimitExceeded (106)	<ul style="list-style-type: none"> • 6.3.4 • 6.4.2 • 6.4.3
Description: The alarm is raised when the license items in the network exceeds 100 percent of the license capacity.		
Raising condition: ('Exceeded' EQUAL 'true')		
Clearing condition: ('Exceeded' NOT EQUAL 'true')		

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Alarm	Attributes	Applicable major releases
Remedial action: Informational - The number of SAM licenses purchased and available on the SAM server is insufficient as compared to the number of NEs/MDA/Cells under management in the network. Please contact Alcatel-Lucent Sales to purchase additional licenses.		

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Table 37-45 LinkDown (equipment)

Alarm	Attributes	Applicable major releases
Name: LinkDown (12) Type: communicationsAlarm (4) Package: equipment Raised on class: equipment.Equipment	Severity: major Implicitly cleared: true Default probable cause: portLinkProblem (10)	<ul style="list-style-type: none"> • 6.3.4 • 6.4.2 • 6.4.3
Description: The alarm is raised when a port has no associated physical link or remote end point is operationally down.		
Raising condition: (('compositeEquipmentState' EQUAL 'Link Down') OR ('compositeEquipmentState' EQUAL 'Oper Down'))		
Clearing condition: (('compositeEquipmentState' NOT EQUAL 'Link Down') AND ('compositeEquipmentState' NOT EQUAL 'Oper Down'))		
Remedial action: Please make sure that port has physical link and remote end point is operationally up.		

Table 37-46 LowTemperatureDetected

Alarm	Attributes	Applicable major releases
Name: LowTemperatureDetected (1127) Type: environmentalAlarm (2) Package: equipment Raised on class: equipment.Shelf	Severity: major Implicitly cleared: true Default probable cause: equipmentOvercooled (838)	<ul style="list-style-type: none"> • 6.3.4 • 6.4.2 • 6.4.3
Description: The alarm is raised when the chassis temperature falls below the minimum threshold.		
Raising condition: ('Low Temperature State' EQUAL 'Low')		
Clearing condition: ('Low Temperature State' NOT EQUAL 'Low')		
Remedial action: The NE has detected internal temperatures which are abnormally low. This may happen when the environment that the NE is operating in may not be within specifications found in the NE user guides.		

Table 37-47 LowTemperatureThresholdCrossed

Alarm	Attributes	Applicable major releases
Name: LowTemperatureThresholdCrossed (1128) Type: environmentalAlarm (2) Package: equipment Raised on class: equipment.Environment	Severity: major Implicitly cleared: true Default probable cause: equipmentOvercooled (838)	<ul style="list-style-type: none"> • 6.3.4 • 6.4.2 • 6.4.3
Description: The alarm is raised when a low-temperature threshold is crossed.		
Raising condition: ('lowTemperatureThresholdCrossed' EQUAL 'true')		
Clearing condition: ('lowTemperatureThresholdCrossed' EQUAL 'false')		
Remedial action: The NE has detected internal temperatures which are abnormally high. This could be caused by a failed fan unit or one or more dirty fan filters. Replacing the failed unit or filters should resolve the problem. Alternately the environment that the NE is operating in may not be within specifications found in the NE user guides.		

Table 37-48 LpsViolation

Alarm	Attributes	Applicable major releases
Name: LpsViolation (518) Type: learnedPortSecurityAlarm (51) Package: lps Raised on class: lps.LearnedPortSecurity	Severity: major Implicitly cleared: true Default probable cause: learnedPortSecurityViolation (393)	<ul style="list-style-type: none"> • 6.3.4 • 6.4.2 • 6.4.3
Description: The alarm is raised when the 5620 SAM detects an LPS violation.		
Raising condition: ('Operational State' EQUAL 'Security Violated')		
Clearing condition: ('Operational State' EQUAL 'Down')		
Remedial action: Port reset is required to return the port to normal operation.		

Table 37-49 macMoveRateExceeded (service)

Alarm	Attributes	Applicable major releases
Name: macMoveRateExceeded (3690) Type: accessInterfaceAlarm (40) Package: service Raised on class: service.AccessInterface	Severity: minor Implicitly cleared: true Default probable cause: MacMoveRateExceeded (1429)	<ul style="list-style-type: none"> • 6.3.4 • 6.4.2 • 6.4.3
Description: The alarm is raised when the SAP exceeds the MAC Move Frequency of the service site.		
Raising condition: ('State Cause'anyBit'Relearn Limit Exceeded')		
Clearing condition: NOT (('State Cause'anyBit'Relearn Limit Exceeded'))		
Remedial action: Informational.		

Table 37-50 macMoveRateExceededNonBlock (service)

Alarm	Attributes	Applicable major releases
Name: macMoveRateExceededNonBlock (4893) Type: accessInterfaceAlarm (40) Package: service Raised on class: service.AccessInterface	Severity: info Implicitly cleared: true Default probable cause: MacMoveRateExceededNonBlock (1951)	<ul style="list-style-type: none"> • 6.3.4 • 6.4.2 • 6.4.3
Description: The alarm is raised when the SAP exceeds the MAC Move Frequency of the service site when limitMacMove(sapTIsLimitMacMove) is set to 'nonBlocking'.		
Raising condition: ('State Cause'anyBit'Relearn Limit Exceeded')		
Clearing condition: NOT (('State Cause'anyBit'Relearn Limit Exceeded'))		
Remedial action: Informational - User can adjust the value of 'MAC Move Maximum Rate' to reduce the frequency of this alarm.		

Table 37-51 MepAISReceivedAlarm

Alarm	Attributes	Applicable major releases
Name: MepAISReceivedAlarm (2945) Type: oamAlarm (18) Package: ethernetoam Raised on class: ethernetoam.Mep	Severity: variable Implicitly cleared: true Default probable cause: missingRemoteMep (388)	<ul style="list-style-type: none"> • 6.3.4 • 6.4.2 • 6.4.3
Description: The alarm is raised when a MEP receives AIS test frames from one or more of its sub-layer MEPs.		
Raising condition: (('AIS Received (AisRx)' EQUAL 'true') AND ('Facility VLAN ID' EQUAL '0'))		
Clearing condition: ('AIS Received (AisRx)' EQUAL 'false')		
Remedial action: This alarm indicates that it has received a MEP fault from a sub-layer MEP, user should investigate the fault cause on the sub-layer MEP and resolve this root cause issue.		

Table 37-52 MobileConnectorDown

Alarm	Attributes	Applicable major releases
Name: MobileConnectorDown (1064) Type: EpcAlarm (59) Package: Iteservice Raised on class: Iteservice.MobileServiceConnector	Severity: minor Implicitly cleared: true Default probable cause: EpcDown (519)	<ul style="list-style-type: none"> • 6.3.4 • 6.4.2 • 6.4.3
Description: The alarm is raised when the 5620 SAM no longer manages the EPS path instance of this mobile service site. As a result, the service must be regenerated.		
Raising condition: ('EPS Path' EQUAL '\\"')		
Clearing condition: ('EPS Path' NOT EQUAL '\\"')		
Remedial action: The underlying transport network has gone down resulting in the deletion of a mobile service connector (EPS path). Correct the issue with the transport network and regenerate the mobile service connector by clicking on the re-calculate button on the mobile service properties form.		

Table 37-53 MvrSiteDown

Alarm	Attributes	Applicable major releases
Name: MvrSiteDown (162) Type: ProtocolAlarm (1) Package: layer2 Raised on class: layer2.MvrSite	Severity: warning Implicitly cleared: true Default probable cause: protocolDown (1)	<ul style="list-style-type: none"> • 6.3.4 • 6.4.2 • 6.4.3
Description: The alarm is raised when MVR is disabled on an NE and a TLS VLAN or MVR VLAN service is provisioned on the NE.		
Raising condition: ('MVR Admin Status' EQUAL 'Disabled')		
Clearing condition: ('MVR Admin Status' EQUAL 'Enabled')		
Remedial action: To clear the alarm, enable MVR Admin Status under the Bridge Instance.		

Table 37-54 NeManagementAndTrapManagementMismatch

Alarm	Attributes	Applicable major releases
Name: NeManagementAndTrapManagementMismatch (1079) Type: communicationsAlarm (4) Package: netw Raised on class: netw.NetworkElement	Severity: warning Implicitly cleared: true Default probable cause: neManagementChange (817)	<ul style="list-style-type: none"> • 6.3.4 • 6.4.2 • 6.4.3
Description: This user-defined alarm is raised when the NE configuration is one of the following: - The Active Management IP is set to Out Of Band, and the Primary Route Preference is set to In Band. - The Active Management IP is set to In Band, and the Primary Route Preference is set to Out of Band.		
Raising condition: (((('Active Management IP' EQUAL 'In Band') AND (('Management IP Selection' EQUAL 'In Band Preferred') OR ('Management IP Selection' EQUAL 'In Band Only')) AND ('Primary Route Preference' EQUAL 'Out Of Band') AND ('Secondary Route Preference' EQUAL 'In Band')) OR (('Active Management IP' EQUAL 'Out Of Band') AND (('Management IP Selection' EQUAL 'Out Of Band Preferred') OR ('Management IP Selection' EQUAL 'Out Of Band Only')) AND ('Primary Route Preference' EQUAL 'In Band') AND ('Secondary Route Preference' EQUAL 'Out Of Band'))))		
Clearing condition: (((('Active Management IP' EQUAL 'In Band') AND (('Management IP Selection' EQUAL 'In Band Preferred') OR ('Management IP Selection' EQUAL 'In Band Only')) AND ('Primary Route Preference' EQUAL 'In Band')) OR (('Active Management IP' EQUAL 'Out Of Band') AND (('Management IP Selection' EQUAL 'Out Of Band Preferred') OR ('Management IP Selection' EQUAL 'Out Of Band Only')) AND ('Primary Route Preference' EQUAL 'Out Of Band'))))		
Remedial action: A configuration error has been made which must be corrected. The parameters described in the description for this alarm must match.		

Table 37-55 NewSsh2ServerKeyDetected

Alarm	Attributes	Applicable major releases
Name: NewSsh2ServerKeyDetected (285) Type: communicationsAlarm (4) Package: security Raised on class: security.KnownHostKey	Severity: warning Implicitly cleared: true Default probable cause: ssh2ServerKeyMismatch (217)	<ul style="list-style-type: none"> • 6.3.4 • 6.4.2 • 6.4.3

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Alarm	Attributes	Applicable major releases
Description: The alarm is raised when a 5620 SAM main server detects a new public SSH key.		
Raising condition: ('SSH2 Server Key Status' EQUAL 'Mismatch SSH2 Host Key')		
Clearing condition: ('SSH2 Server Key Status' EQUAL 'Active SSH2 Host Key')		
Remedial action: Informational - possible security breach. The SSH key of the router is different from the one known to the SAM server.		

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Table 37-56 NodeDatabaseFallbackDetected

Alarm	Attributes	Applicable major releases
Name: NodeDatabaseFallbackDetected (2923) Type: communicationsAlarm (4) Package: netw Raised on class: netw.NetworkElement	Severity: major Implicitly cleared: true Default probable cause: nodeDatabaseFallback (1121)	<ul style="list-style-type: none"> • 6.3.4 • 6.4.2 • 6.4.3
Description: The alarm is raised when a configuration fallback is detected on the node and comes back up with a previous configuration. To correct this situation it might be necessary to reconfigure the node, or perform full resync its database with the 'fallback' configuration returned by the node.		
Raising condition: ('State' EQUAL 'Node Configuration Fallback')		
Clearing condition: ('State' EQUAL 'Managed')		
Remedial action: the NE has come back to a previous configuration. Perform a manual Full Resync or a Reconfigure of the NE		

Table 37-57 NodeDatabaseMisalignmentDetected

Alarm	Attributes	Applicable major releases
Name: NodeDatabaseMisalignmentDetected (2924) Type: communicationsAlarm (4) Package: netw Raised on class: netw.NetworkElement	Severity: major Implicitly cleared: true Default probable cause: nodeDatabaseMisalignment (1122)	<ul style="list-style-type: none"> • 6.3.4 • 6.4.2 • 6.4.3
Description: The alarm is raised when a configuration misalignment has been detected on the node and comes back up with an unexpected configuration (configuration change triggered by external tool) To correct this situation it might be necessary to reconfigure the node with the 5620 SAM's old configuration or accept the new configuration received from the node.		
Raising condition: ('State' EQUAL 'Node Configuration Misalignment')		
Clearing condition: ('State' EQUAL 'Managed')		
Remedial action: the NE configuration is misaligned. Perform a resync in order to update SAM configuration according to the NE.		

Table 37-58 NodeSuspended

Alarm	Attributes	Applicable major releases
Name: NodeSuspended (5123) Type: communicationsAlarm (4) Package: netw Raised on class: netw.NetworkElement	Severity: critical Implicitly cleared: true Default probable cause: NodeSuspend (2057)	<ul style="list-style-type: none"> • 6.3.4 • 6.4.2 • 6.4.3
Description: The alarm is raised when the 5620 SAM detects an NE moved to suspend state as per user request.		
Raising condition: ('SNMP Reachability' EQUAL 'Suspended')		
Clearing condition: ('SNMP Reachability' NOT EQUAL 'Suspended')		
Remedial action: This alarm is raised when user suspends the network element. The alarm will be cleared when the network element is managed back.		

Table 37-59 OrphanNodeDetected

Alarm	Attributes	Applicable major releases
Name: OrphanNodeDetected (4866) Type: discoveryControlAlarm (33) Package: netw Raised on class: netw.AdvertisedNode	Severity: major Implicitly cleared: true Default probable cause: nodeNotMangedByAnyEms (1934)	<ul style="list-style-type: none"> • 6.3.4 • 6.4.2 • 6.4.3
Description: The alarm is raised when node is node managed by any EMS after n retries(threshold crossed) it is manually cleared by the operator or when the node is discovered.		
Raising condition: ('State' EQUAL 'Orphan')		
Remedial action: The NE is not managed by any SAM. Add an discovery rule in order to managed it.		

Table 37-60 OverTemperatureDetected

Alarm	Attributes	Applicable major releases
Name: OverTemperatureDetected (388) Type: environmentalAlarm (2) Package: equipment Raised on class: equipment.Shelf	Severity: major Implicitly cleared: true Default probable cause: equipmentOverheated (5)	<ul style="list-style-type: none"> • 6.3.4 • 6.4.2 • 6.4.3
Description: The alarm is raised when the chassis temperature exceeds the maximum threshold value.		
Raising condition: ('Over Temperature State' EQUAL 'Over')		
Clearing condition: ('Over Temperature State' NOT EQUAL 'Over')		
Remedial action: The NE has detected internal temperatures which are abnormally high. This could be caused by a failed fan unit or one or more dirty fan filters. Replacing the failed unit or filters should resolve the problem. Alternately the environment that the NE is operating in may not be within specifications found in the NE user guides.		

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Table 37-61 PartialResyncProblem

Alarm	Attributes	Applicable major releases
Name: PartialResyncProblem (4401) Type: communicationsAlarm (4) Package: netw Raised on class: netw.NetworkElement	Severity: warning Implicitly cleared: true Default probable cause: partialResyncProblem (1578)	<ul style="list-style-type: none"> • 6.3.4 • 6.4.2 • 6.4.3
Description: The alarm is raised when a partial resync on an NE fails. For example, when resyncing only some MIB entries as opposed to a full resync. The periodic reachability test (sysUpTime) is not considered a partial resync, neither is a full resync. However, a PartialResyncProblem alarm can only be reset by a FullResync.		
Raising condition: ('partialResyncStatus' EQUAL 'Partial Resync Failed')		
Clearing condition: ('partialResyncStatus' EQUAL 'Partial Resync Done')		
Remedial action: Informational - if the alarm persists or is occurring frequently then investigation is required to understand a) why the underlying transport network is unreliable or b) why the NE is too busy to respond to 5620 SAM or c) has SNMP been disabled on the NE.		

Table 37-62 PersistentIndexParametersMisconfigured

Alarm	Attributes	Applicable major releases
Name: PersistentIndexParametersMisconfigured (173) Type: configurationAlarm (11) Package: netw Raised on class: netw.NetworkElement	Severity: major Implicitly cleared: true Default probable cause: persistentIndexConfigurationMismatch (136)	<ul style="list-style-type: none"> • 6.3.4 • 6.4.2 • 6.4.3
Description: The alarm is raised when persistence is set to Off in the NE BOF.		
Raising condition: (('Persistent SNMP Indices' EQUAL 'False') OR (('hasRedundantProcessorCards' EQUAL 'true') AND ('Redundant Synchronization Mode' EQUAL 'None')))		
Clearing condition: (('Persistent SNMP Indices' EQUAL 'True') AND (('hasRedundantProcessorCards' EQUAL 'false') OR ('Redundant Synchronization Mode' NOT EQUAL 'None')))		
Remedial action: A configuration error has occurred that must be corrected. Use the CLI on the NE to enable persistency in the BOF. The discovery process will complete on the next discovery scan. A re-scan can be triggered immediately for the NE from within the discovery manager		

Table 37-63 PimDown

Alarm	Attributes	Applicable major releases
Name: PimDown (184) Type: ProtocolAlarm (1) Package: pim Raised on class: pim.Site	Severity: critical Implicitly cleared: true Default probable cause: protocolDown (1)	<ul style="list-style-type: none"> • 6.3.4 • 6.4.2 • 6.4.3
Description: The alarm is raised when a PIM site is administratively Up but operationally Down. The alarm is cleared when the PIM site becomes operationally Up but administratively Down.		

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Alarm	Attributes	Applicable major releases
Raising condition: (('Administrative State' EQUAL 'Up') AND ('Operational State' NOT EQUAL 'Up'))		
Clearing condition: (('Operational State' EQUAL 'Up') OR ('Administrative State' NOT EQUAL 'Up'))		
Remedial action: This should never happen. Contact Alcatel-Lucent Customer Support for assistance.		

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Table 37-64 PollerProblem

Alarm	Attributes	Applicable major releases
Name: PollerProblem (31) Type: communicationsAlarm (4) Package: netw Raised on class: netw.NetworkElement	Severity: warning Implicitly cleared: true Default probable cause: resyncFailed (24)	<ul style="list-style-type: none"> • 6.3.4 • 6.4.2 • 6.4.3
Description: The alarm is raised when the 5620 SAM is unable to poll a network object, for example, because of intermittent or no IP connectivity to an NE, incorrect SNMP security parameters, or disabled SNMP on the NE.		
Raising condition: ('Resync Status' EQUAL 'Full Resync Failed')		
Clearing condition: ('Resync Status' EQUAL 'Full Resync Done')		
Remedial action: Informational - if the alarm persists or is occurring frequently then investigation is required to understand a) why the underlying transport network is unreliable or b) why the NE is too busy to respond to 5620 SAM or c) has SNMP been disabled on the NE. Once the issue has been resolved SAM will automatically re-attempt.		

Table 37-65 PortEtherSymMonSDAlarm

Alarm	Attributes	Applicable major releases
Name: PortEtherSymMonSDAlarm (5662) Type: communicationsAlarm (4) Package: ethernetequipment Raised on class: ethernetequipment.EthernetPortSpecifics	Severity: major Implicitly cleared: true Default probable cause: etherPortSymMonSDThresholdExceededAlarm (2439)	<ul style="list-style-type: none"> • 6.3.4 • 6.4.2 • 6.4.3
Description: The alarm is raised when an Ethernet port Symbol Monitor Failure alarm condition is detected (Signal Degradation Threshold exceeded).		
Raising condition: ('Symbol Alarm Reason' EQUAL 'SD Threshold Exceeded')		
Clearing condition: ('Symbol Alarm Reason' NOT EQUAL 'SD Threshold Exceeded')		
Remedial action: Symbol monitor signal degradation alarm could be cleared by changing/disabling the associated threshold/multiplier values or it is self clearing and will clear once the error rate drops below 1/10th of the configured rate.		

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Table 37-66 PortEtherSymMonSFAlarm

Alarm	Attributes	Applicable major releases
Name: PortEtherSymMonSFAlarm (5663) Type: communicationsAlarm (4) Package: ethernetequipment Raised on class: ethernetequipment.EthernetPortSpecifics	Severity: major Implicitly cleared: true Default probable cause: etherPortSymMonSFThresholdExceededAlarm (2440)	<ul style="list-style-type: none"> • 6.3.4 • 6.4.2 • 6.4.3
Description: The alarm is raised when an Ethernet port Symbol Monitor Failure alarm condition is detected (Signal Failure Threshold exceeded).		
Raising condition: ('Symbol Alarm Reason' EQUAL 'SF Threshold Exceeded')		
Clearing condition: ('Symbol Alarm Reason' NOT EQUAL 'SF Threshold Exceeded')		
Remedial action: Symbol monitor signal failure alarm could be cleared by changing/disabling the associated threshold/multiplier values or by taking the port out of service (eg. shutdown, card/mda reset, physical link loss).		

Table 37-67 PowerSupplyFailure

Alarm	Attributes	Applicable major releases
Name: PowerSupplyFailure (633) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.PowerSupplyTray	Severity: critical Implicitly cleared: true Default probable cause: powerSupplyFailure (117)	<ul style="list-style-type: none"> • 6.3.4 • 6.4.2 • 6.4.3
Description: The alarm is raised when a power-supply tray reports a failure. When the alarm is raised during device discovery, a power-supply tray may be out of service. When the alarm is raised while the device is in the managed state, a power-supply tray may be out of service or the AC power shelf has a fault condition. The alarm clears when the status changes to OK.		
Raising condition: (('Power Supply 1 Status' EQUAL 'Not Equipped') OR ('Power Supply 1 Status' EQUAL 'Failed'))		
Clearing condition: (('Power Supply 1 Status' EQUAL 'OK'))		
Remedial action: Ensure that the NE is properly connected to power. If the problem persists please contact Alcatel-Lucent support for assistance.		

Table 37-68 PowerSupplyInputFeedDown

Alarm	Attributes	Applicable major releases
Name: PowerSupplyInputFeedDown (5422) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.PowerSupplyTray	Severity: minor Implicitly cleared: true Default probable cause: powerSupplyInputFeedDown (2073)	<ul style="list-style-type: none"> • 6.3.4 • 6.4.2 • 6.4.3
Description: This alarm is generated if any one of the input feeds for a given power supply is not supplying power.		
Raising condition: (('inputFeedStatus' EQUAL 'Input A Down') OR ('inputFeedStatus' EQUAL 'Input B Down') OR (('inputFeedStatus'allBits'Input A Down') AND ('inputFeedStatus'allBits'Input B Down'))		

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Alarm	Attributes	Applicable major releases
Clearing condition: ('inputFeedStatus' EQUAL 'None')		
Remedial action: Restore all of the input feeds that are not supplying power.		

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Table 37-69 PowerSupplyRemoved

Alarm	Attributes	Applicable major releases
Name: PowerSupplyRemoved (542) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.PowerSupplyTray	Severity: major Implicitly cleared: true Default probable cause: PowerSupplyRemoved (415)	<ul style="list-style-type: none"> • 6.3.4 • 6.4.2 • 6.4.3
Description: The alarm is raised when a chassis power supply is removed.		
Raising condition: ('Power Supply 1 Status' EQUAL 'Not Equipped')		
Clearing condition: ('Power Supply 1 Status' NOT EQUAL 'Not Equipped')		
Remedial action: To recover from this event, the customer is requested to add a new power supply to the system, or change a faulty power supply with a working one.		

Table 37-70 PrimaryImageBootFailure

Alarm	Attributes	Applicable major releases
Name: PrimaryImageBootFailure (191) Type: configurationAlarm (11) Package: sw Raised on class: sw.CardSoftware	Severity: warning Implicitly cleared: true Default probable cause: bootOptionFileMisconfigured (150)	<ul style="list-style-type: none"> • 6.3.4 • 6.4.2 • 6.4.3
Description: The alarm is raised when the primary software image specified in an NE BOF is unusable.		
Raising condition: (('imageSource' NOT EQUAL 'Primary') AND ('imageSource' NOT EQUAL 'Unknown'))		
Clearing condition: (('imageSource' EQUAL 'Primary') OR ('imageSource' EQUAL 'Unknown'))		
Remedial action: The SW image on the NE may have been inadvertently corrupted. Download a new copy of the SW image to the NE. If the problem persists contact Alcatel-Lucent support for assistance.		

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Table 37-71 RadiusOperStatusDown

Alarm	Attributes	Applicable major releases
Name: RadiusOperStatusDown (3692) Type: radiusOperStatusDownAlarm (105) Package: netw Raised on class: netw.NetworkElement	Severity: critical Implicitly cleared: true Default probable cause: radiusOperationStatusDown (1431)	<ul style="list-style-type: none"> • 6.3.4 • 6.4.2 • 6.4.3
Description: The alarm is raised when all RADIUS servers have gone down.		
Raising condition: ('Global RADIUS Operational State' EQUAL 'Down')		
Clearing condition: ('Global RADIUS Operational State' EQUAL 'Up')		
Remedial action: Verify the RADIUS server is properly configured and radius server state is up. Check the connectivity between SAM server and radius server configured on the Network element.		

Table 37-72 ReachabilityProblem

Alarm	Attributes	Applicable major releases
Name: ReachabilityProblem (243) Type: communicationsAlarm (4) Package: netw Raised on class: netw.NetworkElement	Severity: major Implicitly cleared: true Default probable cause: ReachabilityTestFailed (176)	<ul style="list-style-type: none"> • 6.3.4 • 6.4.2 • 6.4.3
Description: The alarm is raised when a mediation poll of the SysUpTimeAlarm object on an NE fails, for example, because of network congestion or because the NE is too busy to respond. The probable cause is an unreachable NE Mediation agent on the NE. The polling interval depends on the NE type and is configurable in nms-server.xml. By default, the 5620 SAM polls a managed NE every four minutes. If a poll fails, the alarm is raised. The alarm clears when the 5620 SAM receives a response from the NE, and the 5620 SAM GUI icon that represents the NE turns from red to green.		
Raising condition: ('SNMP Reachability' EQUAL 'Down')		
Remedial action: Informational - if the alarm persists or is occurring frequently then investigation is required to understand a) why the underlying transport network is unreliable or b) why the NE is too busy to respond to 5620 SAM or c) has SNMP been disabled on the NE. Once the issue has been resolved SAM will automatically re-attempt.		

Table 37-73 ReconfigFailure

Alarm	Attributes	Applicable major releases
Name: ReconfigFailure (1949) Type: communicationsAlarm (4) Package: netw Raised on class: netw.NetworkElement	Severity: critical Implicitly cleared: true Default probable cause: failedReconfig (937)	<ul style="list-style-type: none"> • 6.3.4 • 6.4.2 • 6.4.3
Description: This alarm is raised when the reconfig action failed.		
Raising condition: ('State' EQUAL 'Failed')		
Clearing condition: ('State' NOT EQUAL 'Failed')		

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Alarm	Attributes	Applicable major releases
Remedial action: Verify that the object is configured as expected.		

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Table 37-74 RedundantMepMisconfiguration

Alarm	Attributes	Applicable major releases
Name: RedundantMepMisconfiguration (3631) Type: oamAlarm (18) Package: ethernetToam Raised on class: ethernetToam.Mep	Severity: minor Implicitly cleared: true Default probable cause: misconfiguredRedundantMep (1416)	<ul style="list-style-type: none"> • 6.3.4 • 6.4.2 • 6.4.3
Description: The alarm is raised when an Active and Redundant MEP do not have the same ID, Operational MAC Address or Sub Group configured.		
Raising condition: ('validRedundantMepConfig' EQUAL 'false')		
Clearing condition: ('validRedundantMepConfig' EQUAL 'true')		
Remedial action: MC-LAG redundant MEP configuration (MEP ID or Mac Address) for Active & Standby Interfaces do not match, this could cause issues with CFM or CCM tests if Active interface changes. Delete and Re-create Standby MEP to match Active.		

Table 37-75 RedundantMepMissing

Alarm	Attributes	Applicable major releases
Name: RedundantMepMissing (3632) Type: oamAlarm (18) Package: ethernetToam Raised on class: ethernetToam.Mep	Severity: minor Implicitly cleared: true Default probable cause: missingRedundantMep (1417)	<ul style="list-style-type: none"> • 6.3.4 • 6.4.2 • 6.4.3
Description: The alarm is raised when a MEP misses a redundant counterpart on LAG or SAP.		
Raising condition: (('MC-LAG Inactive' NOT EQUAL 'Not Applicable') AND ('Redundant MEP' EQUAL '\'))		
Clearing condition: (('MC-LAG Inactive' EQUAL 'Not Applicable') OR (('MC-LAG Inactive' NOT EQUAL 'Not Applicable') AND ('Redundant MEP' NOT EQUAL '\')))		
Remedial action: MC-LAG redundant MEP is missing Active & Standby Interfaces, this will cause issues with CFM or CCM tests if Active interface changes. Create missing Active/Standby MEP to match existing.		

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Table 37-76 RemoteMepCCMAAlarm

Alarm	Attributes	Applicable major releases
Name: RemoteMepCCMAAlarm (502) Type: oamAlarm (18) Package: ethernetToam Raised on class: ethernetToam.Mep	Severity: major Implicitly cleared: true Default probable cause: missingRemoteMep (388)	<ul style="list-style-type: none"> • 6.3.4 • 6.4.2 • 6.4.3
Description: The alarm is raised when a MEP loses connectivity with one or more remote MEPs. The Remote MEP DB State tab on a MEP lists the missing remote MEPs.		
Raising condition: ('High-Priority Defect' NOT EQUAL '0')		
Clearing condition: ('High-Priority Defect' EQUAL '0')		
Remedial action: MEP has lost communication with Remote MEP defined in Maintenance Association (MEG) Remote MEP list, Either Remote MEP list is incorrect or diagnose connection fault and resolve.		

Table 37-77 RipDown

Alarm	Attributes	Applicable major releases
Name: RipDown (72) Type: ProtocolAlarm (1) Package: rip Raised on class: rip.Site	Severity: critical Implicitly cleared: true Default probable cause: protocolDown (1)	<ul style="list-style-type: none"> • 6.3.4 • 6.4.2 • 6.4.3
Description: The alarm is raised when a RIP site has an Operational State other than Up, and the Administrative State is Up.		
Raising condition: (('Administrative State' EQUAL 'Up') AND ('Operational State' NOT EQUAL 'Up'))		
Clearing condition: (('Operational State' EQUAL 'Up') OR ('Administrative State' NOT EQUAL 'Up'))		
Remedial action: The RIP Site is down while it is administratively up. Please check the node e.g. IOM is not shutdown or installed.		

Table 37-78 SaveConfigFailed

Alarm	Attributes	Applicable major releases
Name: SaveConfigFailed (105) Type: configurationAlarm (11) Package: sw Raised on class: sw.BackupRestoreManager	Severity: major Implicitly cleared: true Default probable cause: fileAccessError (90)	<ul style="list-style-type: none"> • 6.3.4 • 6.4.2 • 6.4.3
Description: The alarm is raised when the admin save command on an NE fails.		
Raising condition: ('Config Save State' EQUAL 'Failure')		
Clearing condition: ('Config Save State' EQUAL 'Success')		
Remedial action: Attempt the admin save command a second time. If the problem persists please contact Alcatel-Lucent support for assistance.		

Table 37-79 ScheduledPollerProblem

Alarm	Attributes	Applicable major releases
Name: ScheduledPollerProblem (4386) Type: communicationsAlarm (4) Package: netw Raised on class: netw.NetworkElement	Severity: warning Implicitly cleared: true Default probable cause: scheduledResyncFailed (1569)	<ul style="list-style-type: none"> • 6.3.4 • 6.4.2 • 6.4.3
Description: The alarm is raised when the 5620 SAM is unable to poll a network object, for example, because of intermittent or no IP connectivity to an NE, incorrect SNMP security parameters, or disabled SNMP on the NE.		
Raising condition: ('Scheduled Resync Status' EQUAL 'Scheduled Resync Failed')		
Clearing condition: ('Scheduled Resync Status' EQUAL 'Scheduled Resync Done')		
Remedial action: Informational - if the alarm persists or is occurring frequently then investigation is required to understand a) why the underlying transport network is unreliable or b) why the NE is too busy to respond to 5620 SAM or c) has SNMP been disabled on the NE. Once the issue has been resolved SAM will automatically re-attempt.		

Table 37-80 ServiceSiteDown

Alarm	Attributes	Applicable major releases
Name: ServiceSiteDown (97) Type: serviceAlarm (16) Package: service Raised on class: service.Site	Severity: critical Implicitly cleared: true Default probable cause: siteDown (83)	<ul style="list-style-type: none"> • 6.3.4 • 6.4.2 • 6.4.3
Description: The alarm is raised when all SAPs on a site are operationally down, or when the service tunnels for the site are operationally down.		
Raising condition: (('Operational State' NOT EQUAL 'Up') AND ('State Cause' NOT EQUAL 'All Spoke SDP Bindings are Standby'))		
Clearing condition: (('Operational State' EQUAL 'Up') OR ('State Cause' EQUAL 'All Spoke SDP Bindings are Standby'))		
Remedial action: The network resources (i.e. physical ports for SAPs, or physical ports/LSP) associated with the service site should be examined to determine if/why they are operationally down. The underlying transport network supporting the site may also be unreliable.		

Table 37-81 SiteManagementVlanConflict

Alarm	Attributes	Applicable major releases
Name: SiteManagementVlanConflict (223) Type: configurationAlarm (11) Package: vlan Raised on class: vlan.Site	Severity: warning Implicitly cleared: true Default probable cause: topologyMisconfigured (81)	<ul style="list-style-type: none"> • 6.3.4 • 6.4.2 • 6.4.3
Description: The alarm is raised when the management VLAN ID is used for another type of service.		
Raising condition: ('managementVlanConflict' EQUAL 'true')		
Clearing condition: ('managementVlanConflict' EQUAL 'false')		

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Alarm	Attributes	Applicable major releases
Remedial action: Ensure that the VLAN ID of this Management Service Site is not used on any other type of VLAN Service Site.		

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Table 37-82 SiteVlanSubTypeConflict

Alarm	Attributes	Applicable major releases
Name: SiteVlanSubTypeConflict (224) Type: configurationAlarm (11) Package: vlan Raised on class: vlan.Site	Severity: major Implicitly cleared: true Default probable cause: topologyMisconfigured (81)	<ul style="list-style-type: none"> • 6.3.4 • 6.4.2 • 6.4.3
Description: The alarm is raised when more than one type of VLAN service has the same VLAN ID. The alarm is raised against a site.		
Raising condition: ('vlanSubTypeConflict' EQUAL 'true')		
Clearing condition: ('vlanSubTypeConflict' EQUAL 'false')		
Remedial action: Ensure that only one type of VLAN Service is configured with the VLAN ID used by this Site.		

Table 37-83 StatsRetrieveFailed

Alarm	Attributes	Applicable major releases
Name: StatsRetrieveFailed (244) Type: configurationAlarm (11) Package: sw Raised on class: sw.AccountingStatsRetrievalManager	Severity: major Implicitly cleared: false Default probable cause: fileTransferFailure (89)	<ul style="list-style-type: none"> • 6.3.4 • 6.4.2 • 6.4.3
Description: The alarm is raised when the 5620 SAM main or auxiliary server cannot transfer an accounting file from an NE.		
Raising condition: (('Stats Retrieval State' NOT EQUAL 'Success') AND ('Stats Retrieval State' NOT EQUAL 'Not Attempted'))		
Remedial action: Informational - if the alarm persists or is occurring frequently then investigation is required to understand a) why the underlying transport network is unreliable or b) why the NE is too busy or otherwise cannot respond to the 5620 SAM main or auxiliary server.		

Table 37-84 SubscriberSystemNextHopUsageHigh

Alarm	Attributes	Applicable major releases
Name: SubscriberSystemNextHopUsageHigh (5157) Type: thresholdCrossed (6) Package: netw Raised on class: netw.NetworkElement	Severity: minor Implicitly cleared: true Default probable cause: resourceFull (53)	<ul style="list-style-type: none"> • 6.3.4 • 6.4.2 • 6.4.3

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Alarm	Attributes	Applicable major releases
Description: The alarm is raised when the IP next-hop usage by subscriber managed routes reaches its high watermark, cleared when it reaches its low watermark again; the watermarks are derived from the limit specified with the property subSysNextHopLimit.		
Raising condition: ('IP Next Hop Usage High' EQUAL 'true')		
Clearing condition: ('IP Next Hop Usage High' EQUAL 'false')		
Remedial action: The alarm is raised when the IP next-hop usage by subscriber managed routes reaches its high watermark, cleared when it reaches its low watermark again; the watermarks are derived from the limit specified with the property subSysNextHopLimit. There is no immediate effect, but when the usage actually hits the limit, new hosts will not get their managed routes.		

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Table 37-85 SubSysChassMemoryUsageHi

Alarm	Attributes	Applicable major releases
Name: SubSysChassMemoryUsageHi (5656) Type: thresholdCrossed (6) Package: equipment Raised on class: equipment.Shelf	Severity: minor Implicitly cleared: true Default probable cause: resourceFull (53)	<ul style="list-style-type: none"> • 6.3.4 • 6.4.2 • 6.4.3
Description: This alarm is raised when the memory usage by subscriber management on this system or chassis reaches its high watermark ('true').		
Raising condition: ('Memory Usage High' EQUAL 'True')		
Clearing condition: (('Memory Usage High' EQUAL 'False') OR ('Memory Usage High' EQUAL 'unspecified'))		
Remedial action: The memory usage by subscriber management on this system has reached its high watermark. Please check your memory usage.		

Table 37-86 TemperatureThresholdCrossed

Alarm	Attributes	Applicable major releases
Name: TemperatureThresholdCrossed (7) Type: environmentalAlarm (2) Package: equipment Raised on class: equipment.Environment	Severity: major Implicitly cleared: true Default probable cause: equipmentOverheated (5)	<ul style="list-style-type: none"> • 6.3.4 • 6.4.2 • 6.4.3
Description: The alarm is raised when a temperature crosses a threshold.		
Raising condition: ('temperatureThresholdCrossed' EQUAL 'true')		
Clearing condition: ('temperatureThresholdCrossed' EQUAL 'false')		
Remedial action: The NE has detected internal temperatures which are abnormally high. This could be caused by a failed fan unit or one or more dirty fan filters. Replacing the failed unit or filters should resolve the problem. Alternately the environment that the NE is operating in may not be within specifications found in the NE user guides.		

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Table 37-87 TlsSiteDown

Alarm	Attributes	Applicable major releases
Name: TlsSiteDown (163) Type: ProtocolAlarm (1) Package: layer2 Raised on class: layer2.TlsSite	Severity: warning Implicitly cleared: true Default probable cause: protocolDown (1)	<ul style="list-style-type: none"> • 6.3.4 • 6.4.2 • 6.4.3
Description: The alarm is raised when MVR is disabled on an NE and a TLS VLAN or MVR VLAN service is provisioned on the NE.		
Raising condition: ('TLS Admin Status' EQUAL 'Disabled')		
Clearing condition: ('TLS Admin Status' EQUAL 'Enabled')		
Remedial action: To clear the alarm, enable TLS Admin Status under the Bridge Instance.		

Table 37-88 TmnxEqPortEtherLoopDetected

Alarm	Attributes	Applicable major releases
Name: TmnxEqPortEtherLoopDetected (461) Type: portEtherLoopDetected (48) Package: ethernetequipment Raised on class: ethernetequipment.EthernetPortSpecifics	Severity: major Implicitly cleared: true Default probable cause: HighBer (238)	<ul style="list-style-type: none"> • 6.3.4 • 6.4.2 • 6.4.3
Description: The alarm is raised when a device detects a physical loop on an Ethernet port.		
Raising condition: (('Down When Looped Status' EQUAL 'Loop Detected'))		
Clearing condition: (('Down When Looped Status' EQUAL 'No Loop Detected'))		
Remedial action: An Ethernet port has been mis-cabled - please remove the loopback cable on the port.		

Table 37-89 TrapDestinationMisconfigured

Alarm	Attributes	Applicable major releases
Name: TrapDestinationMisconfigured (33) Type: configurationAlarm (11) Package: netw Raised on class: netw.NetworkElement	Severity: major Implicitly cleared: true Default probable cause: trapDestinationMisconfigured (26) Applicable probable causes: <ul style="list-style-type: none"> • trapDestinationMisconfigured • duplicateTrapLogId 	<ul style="list-style-type: none"> • 6.3.4 • 6.4.2 • 6.4.3
Description: The alarm is raised when the 5620 SAM cannot be added to the NE's SNMP trap destinations.		
Raising condition: ('isTrapDestinationMisconfigured' EQUAL 'true')		
Clearing condition: ('isTrapDestinationMisconfigured' EQUAL 'false')		

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Alarm	Attributes	Applicable major releases
Remedial action: A configuration error has been made which must be corrected. The SNMP trap destination on the NE must be configured to the IP address of the SAM server.		

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Table 37-90 TrapReceivingFailure

Alarm	Attributes	Applicable major releases
Name: TrapReceivingFailure (1083) Type: communications (87) Package: netw Raised on class: netw.NetworkElement	Severity: major Implicitly cleared: false Default probable cause: trapsWillNotBeSent (822)	<ul style="list-style-type: none"> • 6.3.4 • 6.4.2 • 6.4.3
Description: This user-defined alarm is raised when the NE is unable to send traps because the NE configuration is one of the following: - The Management IP Selection is set to Out Of Band Only, the Primary Route Preference is set to In Band, and the Secondary Route Preference is set to None. - The Management IP Selection is set to In Band Only, the Primary Route Preference is set to Out Of Band, and the Secondary Route Preference is set to None.		
Raising condition: (((('Active Management IP' EQUAL 'In Band') AND ('Management IP Selection' EQUAL 'In Band Only') AND ('Primary Route Preference' EQUAL 'Out Of Band') AND ('Secondary Route Preference' EQUAL 'None')) OR (('Active Management IP' EQUAL 'Out Of Band') AND ('Management IP Selection' EQUAL 'Out Of Band Only') AND ('Primary Route Preference' EQUAL 'In Band') AND ('Secondary Route Preference' EQUAL 'None')) OR (('Active Management IP' EQUAL 'Out Of Band') AND ('Management IP Selection' EQUAL 'In Band Preferred') AND ('Primary Route Preference' EQUAL 'In Band') AND ('Secondary Route Preference' EQUAL 'None')) OR (('Active Management IP' EQUAL 'In Band') AND ('Management IP Selection' EQUAL 'Out Of Band Preferred') AND ('Primary Route Preference' EQUAL 'Out Of Band') AND ('Secondary Route Preference' EQUAL 'None'))))		
Clearing condition: (((('Active Management IP' EQUAL 'In Band') AND ('Management IP Selection' EQUAL 'In Band Only') AND (('Primary Route Preference' EQUAL 'In Band') OR ('Secondary Route Preference' EQUAL 'In Band')) OR (('Active Management IP' EQUAL 'Out Of Band') AND ('Management IP Selection' EQUAL 'Out Of Band Only') AND (('Primary Route Preference' EQUAL 'Out Of Band') OR ('Secondary Route Preference' EQUAL 'Out Of Band')) OR (('Active Management IP' EQUAL 'Out Of Band') AND ('Management IP Selection' EQUAL 'In Band Preferred') AND ('Primary Route Preference' EQUAL 'Out Of Band') OR ('Secondary Route Preference' EQUAL 'Out Of Band')) OR (('Active Management IP' EQUAL 'In Band') AND ('Management IP Selection' EQUAL 'In Band Preferred') AND (('Primary Route Preference' EQUAL 'In Band') OR ('Secondary Route Preference' EQUAL 'In Band')) OR (('Active Management IP' EQUAL 'In Band') AND ('Management IP Selection' EQUAL 'Out Of Band Preferred') AND (('Primary Route Preference' EQUAL 'In Band') OR ('Secondary Route Preference' EQUAL 'In Band')) OR (('Active Management IP' EQUAL 'Out Of Band') AND ('Management IP Selection' EQUAL 'Out Of Band Preferred') AND (('Primary Route Preference' EQUAL 'Out Of Band') OR ('Secondary Route Preference' EQUAL 'Out Of Band'))))		
Remedial action: A configuration error has been made which must be corrected. The configuration error must be corrected per the discussion in the description for this alarm.		

Table 37-91 TrapRoutePreferenceRedundancyMissing

Alarm	Attributes	Applicable major releases
Name: TrapRoutePreferenceRedundancyMissing (1084) Type: communications (87) Package: netw Raised on class: netw.NetworkElement	Severity: warning Implicitly cleared: true Default probable cause: trapsRedundancyMissing (823)	<ul style="list-style-type: none"> • 6.3.4 • 6.4.2 • 6.4.3
Description: The user-defined alarm is raised when NE management redundancy is configured without trap route preference redundancy.		

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Alarm	Attributes	Applicable major releases
Raising condition: (((('Management IP Selection' EQUAL 'In Band Preferred') AND ('Active Management IP' EQUAL 'In Band') AND ('Primary Route Preference' EQUAL 'In Band') AND ('Secondary Route Preference' EQUAL 'None')) OR (('Management IP Selection' EQUAL 'Out Of Band Preferred') AND ('Active Management IP' EQUAL 'Out Of Band') AND ('Primary Route Preference' EQUAL 'Out Of Band') AND ('Secondary Route Preference' EQUAL 'None'))))		
Clearing condition: (((('Management IP Selection' EQUAL 'In Band Preferred') AND ('Active Management IP' EQUAL 'In Band') AND ('Secondary Route Preference' NOT EQUAL 'None')) OR (('Management IP Selection' EQUAL 'Out Of Band Preferred') AND ('Active Management IP' EQUAL 'Out Of Band') AND ('Secondary Route Preference' NOT EQUAL 'None'))))		
Remedial action: A configuration error has been made which must be corrected. The IP address of the standby SAM server must be configured on the NE in question.		

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Table 37-92 UnidentifiedNode

Alarm	Attributes	Applicable major releases
Name: UnidentifiedNode (1922) Type: communicationsAlarm (4) Package: netw Raised on class: netw.DiscoveredNode	Severity: major Implicitly cleared: true Default probable cause: unidentifiedNode (922)	<ul style="list-style-type: none"> • 6.3.4 • 6.4.2 • 6.4.3
Description: The alarm is raised when the node being discovered can not be properly identified.		
Raising condition: ('State' EQUAL 'Pending Identification')		
Clearing condition: ('State' NOT EQUAL 'Pending Identification')		
Remedial action: A configuration error has occurred that must be corrected. The eNodeB does not have a system name. The name can be configured by selecting the alarm, opening the associated properties form for the alarmed object and configuring the system name.		

Table 37-93 UnmanageFailed

Alarm	Attributes	Applicable major releases
Name: UnmanageFailed (300) Type: discoveryControlAlarm (33) Package: netw Raised on class: netw.NodeDiscoveryControl	Severity: warning Implicitly cleared: true Default probable cause: unableToDeleteNode (231)	<ul style="list-style-type: none"> • 6.3.4 • 6.4.2 • 6.4.3
Description: The alarm is raised when an attempt to unmanage an NE fails.		
Raising condition: ('Site State' EQUAL 'Unmanage Failed')		
Clearing condition: ('Site State' NOT EQUAL 'Unmanage Failed')		
Remedial action: Informational - if the alarm persists please contact Alcatel-Lucent support for assistance		

Table 37-94 UpgradedBuildVersionMismatch

Alarm	Attributes	Applicable major releases
Name: UpgradedBuildVersionMismatch (174) Type: configurationAlarm (11) Package: netw Raised on class: netw.NetworkElement	Severity: warning Implicitly cleared: true Default probable cause: upgradedImageNotBooted (137)	<ul style="list-style-type: none"> • 6.3.4 • 6.4.2 • 6.4.3
Description: The alarm is raised when the software version that an NE reports after a software upgrade does not match the version of the software used for the upgrade.		
Raising condition: ('upgradedBuildVersionMismatch' EQUAL 'true')		
Clearing condition: ('upgradedBuildVersionMismatch' EQUAL 'false')		
Remedial action: Informational - if the alarm persists please contact Alcatel-Lucent support for assistance		

Table 37-95 upgradedCardAlarm

Alarm	Attributes	Applicable major releases
Name: upgradedCardAlarm (255) Type: softwareAlarm (19) Package: equipment Raised on class: equipment.Card	Severity: warning Implicitly cleared: true Default probable cause: upgradedCard (194)	<ul style="list-style-type: none"> • 6.3.4 • 6.4.2 • 6.4.3
Description: The alarm is raised when the standby CPM is rebooted and operational after a software upgrade. A device resets an IOM automatically after 120 minutes if the IOM is not manually reset after a CPM upgrade.		
Raising condition: ('operationalState' EQUAL 'Upgrade')		
Clearing condition: ('operationalState' EQUAL 'Up')		
Remedial action: Informational - no corrective action required.		

Table 37-96 VersionConfigRestoreFailed

Alarm	Attributes	Applicable major releases
Name: VersionConfigRestoreFailed (536) Type: configurationAlarm (11) Package: sw Raised on class: sw.BackupRestoreManager	Severity: major Implicitly cleared: true Default probable cause: versionMismatch (405)	<ul style="list-style-type: none"> • 6.3.4 • 6.4.2 • 6.4.3
Description: The alarm is raised when the restore procedure on an NE fails because of a mismatch between the backup file set version and the NE software version.		
Raising condition: ('lastNmsVersionRestoreState' EQUAL 'Failure')		
Clearing condition: ('lastNmsVersionRestoreState' EQUAL 'Success')		
Remedial action: The backup files being restored do not match with the version of node software release. Download a new copy of the SW image to the NE. If the problem persists contact Alcatel-Lucent support for assistance.		

Table 37-97 WrongCpaaSoftwareVersion

Alarm	Attributes	Applicable major releases
Name: WrongCpaaSoftwareVersion (791) Type: equipmentAlarm (3) Package: netw Raised on class: netw.NetworkElement	Severity: critical Implicitly cleared: true Default probable cause: wrongCpaaSoftwareVersion (559)	<ul style="list-style-type: none"> • 6.3.4 • 6.4.2 • 6.4.3
Description: The alarm is raised when the 7701 CPAA software is the wrong version and requires an upgrade.		
Raising condition: (('Software Version' EQUAL '\TiMOS-B-3.0.Generic \') AND ('Chassis Type' EQUAL '7701 CPAA'))		
Clearing condition: (('Software Version' NOT EQUAL '\TiMOS-B-3.0.Generic \') AND ('Chassis Type' EQUAL '7701 CPAA'))		
Remedial action: The SW version of the CPAA must be upgraded to the version compatible with CPAM version.		

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Note – Some alarms that the 5620 SAM can raise against this device may not be listed in this chapter. Associating alarms with specific NE types is an ongoing Alcatel-Lucent effort. If the 5620 SAM raises an alarm against this device type, and the alarm is not described in this chapter, see chapter 41 for information about the alarm.

Table 38-1 AccessInterfaceDown

Alarm	Attributes	Applicable major releases
Name: AccessInterfaceDown (249) Type: AccessInterfaceAlarm (32) Package: service Raised on class: service.AccessInterface	Severity: critical Implicitly cleared: true Default probable cause: interfaceDown (32)	<ul style="list-style-type: none"> • 6.4.3 • 6.4.4 • 6.4.5 • 6.4.6
Description: The alarm is raised when an L2 or L3 interface operational state is Down. The alarm is not raised against an L2 access interface that is associated with an MC ring or MC LAG in the standby state.		
Raising condition: (('Operational State' NOT EQUAL 'Up') AND ('State Cause' NOT EQUAL 'Standby For MC-Ring') AND ('State Cause' NOT EQUAL 'Standby For MC-Lag') AND ('State Cause' NOT EQUAL 'Standby For BGP Multi-homing'))		
Clearing condition: (('Operational State' EQUAL 'Up') OR ('State Cause' EQUAL 'Standby For MC-Ring') OR ('State Cause' EQUAL 'Standby For MC-Lag') OR ('State Cause' EQUAL 'Standby For BGP Multi-homing'))		
Remedial action: The condition exists because the physical interface is down either because it is administratively disabled, faulty or a cabling fault has occurred. Ensure that the interface is administratively up. Check for a poor cable connection to the port or for a faulty cable/fiber. If neither appears to be the problem run diagnostics on the port to determine if it is faulty.		

Table 38-2 ActiveAbnormalCondition

Alarm	Attributes	Applicable major releases
Name: ActiveAbnormalCondition (3938) Type: activeAbnormalConditionAlarm (116) Package: netw Raised on class: netw.NetworkElement	Severity: major Implicitly cleared: true Default probable cause: ActiveAbnormalConditionState (1520)	<ul style="list-style-type: none"> • 6.4.3 • 6.4.4 • 6.4.5 • 6.4.6
Description: The alarm is an indication for abnormal condition on NE.		
Raising condition: ('abnormalCondition' EQUAL 'true')		
Clearing condition: ('abnormalCondition' EQUAL 'false')		
Remedial action: This alarm is raised when there is a abnormal state indication on NE.		

Table 38-3 AggregatedVFLPortDown

Alarm	Attributes	Applicable major releases
Name: AggregatedVFLPortDown (5436) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.Shelf	Severity: critical Implicitly cleared: true Default probable cause: connectivityIssue (2137)	<ul style="list-style-type: none"> • 6.4.3 • 6.4.4 • 6.4.5 • 6.4.6
Description: The alarm is generated when the aggregated virtual fabric link on the virtual chassis slot is down.		
Raising condition: (('Shelf Type' EQUAL '7850') AND ('Total Slots' EQUAL '4') AND ('Virtual Fabric Link State' NOT EQUAL 'Up'))		
Clearing condition: (('Shelf Type' EQUAL '7850') AND ('Total Slots' EQUAL '4') AND ('Virtual Fabric Link State' EQUAL 'Up'))		
Remedial action: The alarm is raised when the aggregated virtual fabric link on the virtual chassis is down. Please check the virtual fabric links for the virtual chassis setup.		

Table 38-4 AGWDiameterPeerDown

Alarm	Attributes	Applicable major releases
Name: AGWDiameterPeerDown (844) Type: EpcAlarm (59) Package: lte Raised on class: lte.AGWDiameterPeer	Severity: variable Implicitly cleared: true Default probable cause: EPSPeerDown (602)	<ul style="list-style-type: none"> • 6.4.3 • 6.4.4 • 6.4.5 • 6.4.6
Description: The alarm is raised when the path management state of a Diameter peer changes to a state other than Up.		
Raising condition: ('Path Diameter Management State' NOT EQUAL 'Active')		
Clearing condition: ('Path Diameter Management State' EQUAL 'Active')		
Remedial action: A Ga reference point (peer) is operationally down for one of the following reasons: the underlying IP or physical interface is down, the far end peer is down or the underlying transport between this NE and the peer NE is down. To resolve the issue ensure that the IP/physical interface is up, check that the far end peer is operational and check that the underlying transport network is up.		

Table 38-5 AreaTypeMismatch

Alarm	Attributes	Applicable major releases
Name: AreaTypeMismatch (38) Type: configurationAlarm (11) Package: ospf Raised on class: ospf.Area	Severity: warning Implicitly cleared: true Default probable cause: areaTypeMisconfigured (34)	<ul style="list-style-type: none"> • 6.4.3 • 6.4.4 • 6.4.5 • 6.4.6
Description: The alarm is raised when an OSPF area on one NE is configured as an NSSA and the same OSPF area on another NE is configured as a stub area.		
Raising condition: ('Type Mismatch' EQUAL 'true')		
Clearing condition: ('Type Mismatch' EQUAL 'false')		
Remedial action: A configuration error has been made which must be corrected. The OSPF area type configured for the NE does not match with the same OSPF area configured on another NE. Compare the configuration on the endpoint and correct the mismatch.		

Table 38-6 AuxiliaryServerStatus

Alarm	Attributes	Applicable major releases
Name: AuxiliaryServerStatus (311) Type: communicationsAlarm (4) Package: server Raised on class: server.AuxiliaryServer	Severity: critical Implicitly cleared: true Default probable cause: systemFailed (144)	<ul style="list-style-type: none"> • 6.4.3 • 6.4.4 • 6.4.5 • 6.4.6
Description: The alarm is raised when a 5620 SAM main server cannot communicate with an auxiliary server. The alarm clears when communication is restored.		
Raising condition: ('Server Status' EQUAL 'Down')		
Clearing condition: ('Server Status' EQUAL 'Up')		
Remedial action: Informational - if the alarm persists or is occurring frequently then investigation is required to understand why the connectivity between the AUX and SAM servers is unreliable.		

Table 38-7 BgpDown

Alarm	Attributes	Applicable major releases
Name: BgpDown (6) Type: ProtocolAlarm (1) Package: bgp Raised on class: bgp.Site	Severity: critical Implicitly cleared: true Default probable cause: protocolDown (1)	<ul style="list-style-type: none"> • 6.4.3 • 6.4.4 • 6.4.5 • 6.4.6
Description: The alarm is raised when a BGP instance has an Operational State other than Up, and the Administrative State is Up.		
Raising condition: (('Administrative State' EQUAL 'Up') AND ('Operational State' NOT EQUAL 'Up'))		
Clearing condition: (('Operational State' EQUAL 'Up') OR ('Administrative State' NOT EQUAL 'Up'))		
Remedial action: The BGP protocol entity is down - administratively disable BGP and re-enable. If the problem persists please contact Alcatel-Lucent support for assistance.		

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Table 38-8 BootableConfigBackupFailed

Alarm	Attributes	Applicable major releases
Name: BootableConfigBackupFailed (103) Type: configurationAlarm (11) Package: sw Raised on class: sw.BackupRestoreManager	Severity: major Implicitly cleared: true Default probable cause: fileTransferFailure (89)	<ul style="list-style-type: none"> • 6.4.3 • 6.4.4 • 6.4.5 • 6.4.6
Description: The alarm is raised when the 5620 SAM fails to back up a set of NE configuration files.		
Raising condition: ('Backup State' EQUAL 'Failure')		
Clearing condition: ('Backup State' EQUAL 'Success')		
Remedial action: Investigation is required to resolve the following possible scenarios: insufficient disk space is available to accommodate the NE configuration files (additional SAM platform alarms will accompany this alarm); the NE is unreachable (including underlying transport network issue); loss of connectivity to the NE during transfer; the FTP daemon on the NE may have stopped; FTP security credential issues.		

Table 38-9 BootableConfigRestoreFailed

Alarm	Attributes	Applicable major releases
Name: BootableConfigRestoreFailed (104) Type: configurationAlarm (11) Package: sw Raised on class: sw.BackupRestoreManager	Severity: major Implicitly cleared: true Default probable cause: fileTransferFailure (89)	<ul style="list-style-type: none"> • 6.4.3 • 6.4.4 • 6.4.5 • 6.4.6
Description: The alarm is raised when the 5620 SAM fails to restore a set of NE configuration files.		
Raising condition: ('Restore State' EQUAL 'Failure')		
Clearing condition: ('Restore State' EQUAL 'Success')		
Remedial action: Investigation is required to resolve the following possible scenarios: the NE is unreachable (including underlying transport network issue); loss of connectivity to the NE during transfer; the FTP daemon on the NE may have stopped; FTP security credential issues.		

Table 38-10 BootParametersMisconfigured

Alarm	Attributes	Applicable major releases
Name: BootParametersMisconfigured (35) Type: configurationAlarm (11) Package: netw Raised on class: netw.NetworkElement	Severity: critical Implicitly cleared: true Default probable cause: persistentIndexFailure (30) Applicable probable causes: <ul style="list-style-type: none"> • persistentIndexFailure • configFileBootFailure 	<ul style="list-style-type: none"> • 6.4.3 • 6.4.4 • 6.4.5 • 6.4.6
Description: The alarm is raised when the SNMP Index Boot Status on an NE is not set to Persistent.		

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Alarm	Attributes	Applicable major releases
Raising condition: (('isGenericNode' EQUAL 'false') AND ('State' NOT EQUAL 'Pre-provisioned') AND (((('Config File Status' NOT EQUAL 'Executed Successfully') AND ('Config File Status' NOT EQUAL 'configFileStatus_unspecified')) OR (('Persistent Index Status' NOT EQUAL 'Rebuild Succeeded') AND ('Persistent Index Status' NOT EQUAL 'persistentIndexStatus_unspecified'))))		
Clearing condition: (('Config File Status' EQUAL 'Executed Successfully') AND ('Persistent Index Status' EQUAL 'Rebuild Succeeded'))		
Remedial action: Ensure that "SNMP Index Boot Status" is persistent (using cli command "show system information" on the NE). If not, unmanage the network element from SAM, ensure that "persist on" is set in the bof file, save the bof, save a config file, verify that an index file (.ndx) is saved as well, reboot the router, verify that SNMP Index Boot Status is persistent and finally remanage the router from SAM.		

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Table 38-11 ClientDelegateServerStatus

Alarm	Attributes	Applicable major releases
Name: ClientDelegateServerStatus (731) Type: communicationsAlarm (4) Package: server Raised on class: server.ClientDelegateServer	Severity: critical Implicitly cleared: true Default probable cause: systemFailed (144)	<ul style="list-style-type: none"> • 6.4.3 • 6.4.4 • 6.4.5 • 6.4.6
Description: The alarm is raised when a client delegate server is unreachable.		
Raising condition: ('Server Status' EQUAL 'Down')		
Clearing condition: ('Server Status' EQUAL 'Up')		
Remedial action: Informational - if the alarm persists or is occurring frequently then investigation is required to understand why the connectivity between the client delegate platform and SAM servers is unreliable or the client delegate server itself is unreliable.		

Table 38-12 ContainingEquipmentAdministrativelyDown

Alarm	Attributes	Applicable major releases
Name: ContainingEquipmentAdministrativelyDown (466) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.Port	Severity: minor Implicitly cleared: true Default probable cause: containingEquipmentAdministrativelyDown (330)	<ul style="list-style-type: none"> • 6.4.3 • 6.4.4 • 6.4.5 • 6.4.6
Description: The alarm is raised when the compositeEquipmentState attribute has a value of containingEquipmentAdministrativelyDown.		
Raising condition: (('Status' EQUAL 'Parent Admin Down') AND ('isTerminatable' EQUAL 'true'))		
Clearing condition: (('Status' NOT EQUAL 'Parent Admin Down') OR ('isTerminatable' NOT EQUAL 'true'))		
Remedial action: Informational - no corrective action required.		

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Table 38-13 ContainingEquipmentMismatch

Alarm	Attributes	Applicable major releases
Name: ContainingEquipmentMismatch (464) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.Port	Severity: major Implicitly cleared: true Default probable cause: containingEquipmentMismatch (328)	<ul style="list-style-type: none"> • 6.4.3 • 6.4.4 • 6.4.5 • 6.4.6
Description: The alarm is raised when the compositeEquipmentState attribute has a value of containingEquipmentMismatch.		
Raising condition: (('Status' EQUAL 'Parent Type Mismatch') AND ('isTerminatable' EQUAL 'true'))		
Clearing condition: (('Status' NOT EQUAL 'Parent Type Mismatch') OR ('isTerminatable' NOT EQUAL 'true'))		
Remedial action: A configuration error has occurred which must be corrected. The card type configured for the slot identified in the alarm must match the installed card type.		

Table 38-14 ContainingEquipmentOperationallyDown

Alarm	Attributes	Applicable major releases
Name: ContainingEquipmentOperationallyDown (465) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.Port	Severity: major Implicitly cleared: true Default probable cause: containingEquipmentDown (329)	<ul style="list-style-type: none"> • 6.4.3 • 6.4.4 • 6.4.5 • 6.4.6
Description: The alarm is raised when the compositeEquipmentState attribute has a value of containingEquipmentOperationallyDown.		
Raising condition: (('Status' EQUAL 'Parent Oper Down') AND ('isTerminatable' EQUAL 'true'))		
Clearing condition: (('Status' NOT EQUAL 'Parent Oper Down') OR ('isTerminatable' NOT EQUAL 'true'))		
Remedial action: The operational state of the equipment element indicated in the alarm is down. This may be due to the element's administrative state or it may indicate that the element has failed.		

Table 38-15 CorruptImageFile

Alarm	Attributes	Applicable major releases
Name: CorruptImageFile (171) Type: configurationAlarm (11) Package: mediation Raised on class: mediation.AbstractSoftwareFolderDescriptor	Severity: critical Implicitly cleared: true Default probable cause: invalidOrCorruptImageFile (134)	<ul style="list-style-type: none"> • 6.4.3 • 6.4.4 • 6.4.5 • 6.4.6
Description: The alarm is raised when one or more files in the 5620 SAM software image specified for a device software upgrade is invalid, corrupt or absent. The 5620 SAM validates a device software file set before it imports the file set and distributes it to an NE. Ensure that the file set downloads properly to the NE and is not tampered with before you re-attempt the upgrade. The alarm clears when a valid file set is on the NE and the 5620 SAM activates the software image in the file set.		
Raising condition: ('isImageValid' EQUAL 'false')		

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Alarm	Attributes	Applicable major releases
Clearing condition: ('isImageValid' EQUAL 'true')		
Remedial action: The existing SW image in the SAM database should be replaced with an image that is known to be complete and valid.		

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Table 38-16 downgradedCardAlarm

Alarm	Attributes	Applicable major releases
Name: downgradedCardAlarm (256) Type: softwareAlarm (19) Package: equipment Raised on class: equipment.Card	Severity: warning Implicitly cleared: true Default probable cause: downgradedCard (195)	<ul style="list-style-type: none"> • 6.4.3 • 6.4.4 • 6.4.5 • 6.4.6
Description: The alarm is raised when an IOM is not upgraded or reset after a device software upgrade of both CPMs. A device resets an IOM automatically after 120 minutes if the IOM is not manually reset after a CPM upgrade.		
Raising condition: ('operationalState' EQUAL 'Downgrade')		
Clearing condition: ('operationalState' EQUAL 'Up')		
Remedial action: Informational - no corrective action required.		

Table 38-17 EquipmentAdministrativelyDown

Alarm	Attributes	Applicable major releases
Name: EquipmentAdministrativelyDown (455) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.Equipment	Severity: minor Implicitly cleared: true Default probable cause: equipmentAdministrativelyDown (326)	<ul style="list-style-type: none"> • 6.4.3 • 6.4.4 • 6.4.5 • 6.4.6
Description: The alarm is raised when the compositeEquipmentState attribute has a value of equipmentAdministrativelyDown.		
Raising condition: ('compositeEquipmentState' EQUAL 'Admin Down')		
Clearing condition: ('compositeEquipmentState' NOT EQUAL 'Admin Down')		
Remedial action: Informational - no corrective action required.		

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Table 38-18 EquipmentDegraded

Alarm	Attributes	Applicable major releases
Name: EquipmentDegraded (604) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.FanTray	Severity: minor Implicitly cleared: true Default probable cause: singleFanFailure (450)	<ul style="list-style-type: none"> • 6.4.3 • 6.4.4 • 6.4.5 • 6.4.6
Description: The alarm is raised when a single fan fails. The chassis attempts to continue operating within the normal temperature range using only the remaining fans.		
Raising condition: ('Device State' EQUAL 'MinorFailure')		
Clearing condition: ('Device State' NOT EQUAL 'MinorFailure')		
Remedial action: The failed fan unit should be replaced.		

Table 38-19 EquipmentDown

Alarm	Attributes	Applicable major releases
Name: EquipmentDown (10) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.Equipment	Severity: major Implicitly cleared: true Default probable cause: inoperableEquipment (8)	<ul style="list-style-type: none"> • 6.4.3 • 6.4.4 • 6.4.5 • 6.4.6
Description: The alarm is raised when the compositeEquipmentState attribute has a value of equipmentOperationallyDown.		
Raising condition: ('compositeEquipmentState' EQUAL 'Oper Down')		
Clearing condition: ('compositeEquipmentState' NOT EQUAL 'Oper Down')		
Remedial action: This alarm indicates that a card in the NE has failed. The card must be replaced.		

Table 38-20 EquipmentFailure

Alarm	Attributes	Applicable major releases
Name: EquipmentFailure (145) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.ReplaceableUnit	Severity: critical Implicitly cleared: true Default probable cause: cardFailure (123)	<ul style="list-style-type: none"> • 6.4.3 • 6.4.4 • 6.4.5 • 6.4.6
Description: The alarm is raised when a control processor or power-supply tray reports a failure. When the object type is ControlProcessor, a CPM may be unable to boot. When the object type is Power Supply Tray and the alarm is raised during device discovery, a power-supply tray may be out of service. When the object type is a Power Supply Tray and the device is in the managed state, a power-supply tray may be out of service or the AC power shelf has a fault condition. The alarm clears when the status changes to OK.		
Raising condition: ('operationalState' EQUAL 'Failed')		
Clearing condition: ('operationalState' NOT EQUAL 'Failed')		

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Alarm	Attributes	Applicable major releases
Remedial action: If the alarm indicates that the CPM card has a fault, remove the card and reset it. If this does not clear the alarm then please contact Alcatel-Lucent support for assistance. If the alarm indicates that the Power Supply tray is out of service ensure that the NE is properly connected to power. If the problem persists please contact Alcatel-Lucent support for assistance.		

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Table 38-21 EquipmentInTest

Alarm	Attributes	Applicable major releases
Name: EquipmentInTest (11) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.Equipment	Severity: warning Implicitly cleared: true Default probable cause: equipmentInTest (9)	<ul style="list-style-type: none"> • 6.4.3 • 6.4.4 • 6.4.5 • 6.4.6
Description: The alarm is raised when equipment enters a diagnostic state.		
Raising condition: ('compositeEquipmentState' EQUAL 'In Test')		
Clearing condition: ('compositeEquipmentState' NOT EQUAL 'In Test')		
Remedial action: Informational - no corrective action required.		

Table 38-22 EquipmentMismatch

Alarm	Attributes	Applicable major releases
Name: EquipmentMismatch (9) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.Equipment	Severity: major Implicitly cleared: true Default probable cause: equipmentTypeMismatch (7)	<ul style="list-style-type: none"> • 6.4.3 • 6.4.4 • 6.4.5 • 6.4.6
Description: The alarm is raised when the compositeEquipmentState attribute has a value of equipmentMismatch.		
Raising condition: ('compositeEquipmentState' EQUAL 'Type Mismatch')		
Clearing condition: ('compositeEquipmentState' NOT EQUAL 'Type Mismatch')		
Remedial action: A configuration error has occurred which must be corrected. The card type configured for the slot identified in the alarm must match the installed card type.		

Table 38-23 EquipmentRemoved

Alarm	Attributes	Applicable major releases
Name: EquipmentRemoved (8) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.Equipment	Severity: major Implicitly cleared: true Default probable cause: replaceableEquipmentRemoved (6)	<ul style="list-style-type: none"> • 6.4.3 • 6.4.4 • 6.4.5 • 6.4.6

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Alarm	Attributes	Applicable major releases
Description: The alarm is raised when the compositeEquipmentState attribute has a value of equipmentMissing.		
Raising condition: (((isEquipped' EQUAL 'false') OR ('compositeEquipmentState' EQUAL 'Removed')) AND ('isEquipmentInserted' EQUAL 'true'))		
Clearing condition: (('compositeEquipmentState' NOT EQUAL 'Removed') AND ('isEquipped' EQUAL 'true'))		
Remedial action: Informational - this alarm is raised when a card is removed.		

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Table 38-24 EthernetPortConfiguredLoopback

Alarm	Attributes	Applicable major releases
Name: EthernetPortConfiguredLoopback (801) Type: configurationAlarm (11) Package: ethernetequipment Raised on class: ethernetequipment.EthernetPortSpecifics	Severity: warning Implicitly cleared: true Default probable cause: ethernetPortConfiguredLoopback (567)	<ul style="list-style-type: none"> • 6.4.3 • 6.4.4 • 6.4.5 • 6.4.6
Description: The alarm is raised when a timed loopback is in effect for an Ethernet port.		
Raising condition: (('Type' NOT EQUAL 'None'))		
Clearing condition: (('Type' EQUAL 'None'))		
Remedial action: This alarm has been raised by the node because "Timed Loopback" option of the specific port's Ethernet property has been enabled. To resolve this problem from "Ethernet" tab of "Physical Port" properties form configure "Timed Loopback" Type property as "None".		

Table 38-25 EthernetPortDuplicateLane

Alarm	Attributes	Applicable major releases
Name: EthernetPortDuplicateLane (3557) Type: communicationsAlarm (4) Package: ethernetequipment Raised on class: ethernetequipment.EthernetPortSpecifics	Severity: major Implicitly cleared: true Default probable cause: DuplicateLane (1387)	<ul style="list-style-type: none"> • 6.4.3 • 6.4.4 • 6.4.5 • 6.4.6
Description: The alarm is raised when a device reports a Duplicate Lane on an Ethernet port.		
Raising condition: (('Outstanding Alarms'anyBit'Duplicate Lane') AND ('Report Alarms'anyBit'Duplicate Lane'))		
Clearing condition: NOT (('Outstanding Alarms'anyBit'Duplicate Lane') AND ('Report Alarms'anyBit'Duplicate Lane'))		
Remedial action: One of the following conditions exists on the referenced physical interface which must be corrected. A cable/fiber fault exists which must be corrected - check to ensure that the cable is not faulty and is properly connected. The port is faulty - run diagnostics on the port to determine the nature of the fault. If the problem cannot be resolved swap the card containing the port with a card which is known be functional.		

Table 38-26 EthernetPortHighBer

Alarm	Attributes	Applicable major releases
Name: EthernetPortHighBer (307) Type: communicationsAlarm (4) Package: ethernetequipment Raised on class: ethernetequipment.EthernetPortSpecifics	Severity: major Implicitly cleared: true Default probable cause: HighBer (238)	<ul style="list-style-type: none"> • 6.4.3 • 6.4.4 • 6.4.5 • 6.4.6
Description: The alarm is raised when a device reports a high bit-error rate on an Ethernet port.		
Raising condition: (('Outstanding Alarms'anyBit'High Bit Error Rate') AND ('Report Alarms'anyBit'High Bit Error Rate'))		
Clearing condition: NOT (('Outstanding Alarms'anyBit'High Bit Error Rate') AND ('Report Alarms'anyBit'High Bit Error Rate'))		
Remedial action: One of the following conditions exists on the physical interface which must be corrected. A cable/fiber fault exists which must be corrected - check to ensure that the cable is not faulty and is properly connected. The port is faulty - run diagnostics on the port to determine the nature of the fault.		

Table 38-27 EthernetPortLocalFault

Alarm	Attributes	Applicable major releases
Name: EthernetPortLocalFault (305) Type: communicationsAlarm (4) Package: ethernetequipment Raised on class: ethernetequipment.EthernetPortSpecifics	Severity: major Implicitly cleared: true Default probable cause: LocalFault (236)	<ul style="list-style-type: none"> • 6.4.3 • 6.4.4 • 6.4.5 • 6.4.6
Description: The alarm is raised when a device reports a local fault on an Ethernet port.		
Raising condition: (('Outstanding Alarms'anyBit'Local Fault') AND ('Report Alarms'anyBit'Local Fault'))		
Clearing condition: NOT (('Outstanding Alarms'anyBit'Local Fault') AND ('Report Alarms'anyBit'Local Fault'))		
Remedial action: One of the following conditions exists on the physical interface which must be corrected. A cable/fiber fault exists which must be corrected - check to ensure that the cable is not faulty and is properly connected. The port is faulty - run diagnostics on the port to determine the nature of the fault.		

Table 38-28 EthernetPortNoAmLock

Alarm	Attributes	Applicable major releases
Name: EthernetPortNoAmLock (3558) Type: communicationsAlarm (4) Package: ethernetequipment Raised on class: ethernetequipment.EthernetPortSpecifics	Severity: major Implicitly cleared: true Default probable cause: NoAmLock (1388)	<ul style="list-style-type: none"> • 6.4.3 • 6.4.4 • 6.4.5 • 6.4.6
Description: The alarm is raised when a device reports a No Am Lock on an Ethernet port.		
Raising condition: (('Outstanding Alarms'anyBit'No AM Lock') AND ('Report Alarms'anyBit'No AM Lock'))		

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Alarm	Attributes	Applicable major releases
Clearing condition: NOT (('Outstanding Alarms'anyBit'No AM Lock') AND ('Report Alarms'anyBit'No AM Lock'))		
Remedial action: One of the following conditions exists on the referenced physical interface which must be corrected. A cable/fiber fault exists which must be corrected - check to ensure that the cable is not faulty and is properly connected. The port is faulty - run diagnostics on the port to determine the nature of the fault. If the problem cannot be resolved swap the card containing the port with a card which is known be functional.		

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Table 38-29 EthernetPortNoBlockLock

Alarm	Attributes	Applicable major releases
Name: EthernetPortNoBlockLock (3559) Type: communicationsAlarm (4) Package: ethernetequipment Raised on class: ethernetequipment.EthernetPortSpecifics	Severity: major Implicitly cleared: true Default probable cause: NoBlockLock (1389)	<ul style="list-style-type: none"> • 6.4.3 • 6.4.4 • 6.4.5 • 6.4.6
Description: The alarm is raised when a device reports a No Block Lock on an Ethernet port.		
Raising condition: (('Outstanding Alarms'anyBit'No Block Lock') AND ('Report Alarms'anyBit'No Block Lock'))		
Clearing condition: NOT (('Outstanding Alarms'anyBit'No Block Lock') AND ('Report Alarms'anyBit'No Block Lock'))		
Remedial action: One of the following conditions exists on the referenced physical interface which must be corrected. A cable/fiber fault exists which must be corrected - check to ensure that the cable is not faulty and is properly connected. The port is faulty - run diagnostics on the port to determine the nature of the fault. If the problem cannot be resolved swap the card containing the port with a card which is known be functional.		

Table 38-30 EthernetPortNoFrameLock

Alarm	Attributes	Applicable major releases
Name: EthernetPortNoFrameLock (306) Type: communicationsAlarm (4) Package: ethernetequipment Raised on class: ethernetequipment.EthernetPortSpecifics	Severity: major Implicitly cleared: true Default probable cause: NoFrameLock (237)	<ul style="list-style-type: none"> • 6.4.3 • 6.4.4 • 6.4.5 • 6.4.6
Description: The alarm is raised when a device reports No Frame Lock on an Ethernet port.		
Raising condition: (('Outstanding Alarms'anyBit'No Frame Lock') AND ('Report Alarms'anyBit'No Frame Lock'))		
Clearing condition: NOT (('Outstanding Alarms'anyBit'No Frame Lock') AND ('Report Alarms'anyBit'No Frame Lock'))		
Remedial action: One of the following conditions exists on the physical interface which must be corrected. A cable/fiber fault exists which must be corrected - check to ensure that the cable is not faulty and is properly connected. The port is faulty - run diagnostics on the port to determine the nature of the fault.		

Table 38-31 EthernetPortRemoteFault

Alarm	Attributes	Applicable major releases
Name: EthernetPortRemoteFault (304) Type: communicationsAlarm (4) Package: ethernetequipment Raised on class: ethernetequipment.EthernetPortSpecifics	Severity: major Implicitly cleared: true Default probable cause: RemoteFault (235)	<ul style="list-style-type: none"> • 6.4.3 • 6.4.4 • 6.4.5 • 6.4.6
Description: The alarm is raised when a device reports a remote fault on an Ethernet port.		
Raising condition: (('Outstanding Alarms'anyBit'Remote Fault') AND ('Report Alarms'anyBit'Remote Fault'))		
Clearing condition: NOT (('Outstanding Alarms'anyBit'Remote Fault') AND ('Report Alarms'anyBit'Remote Fault'))		
Remedial action: One of the following conditions exists on the remote physical interface which must be corrected. A cable/fiber fault exists which must be corrected - check to ensure that the cable is not faulty and is properly connected. The port is faulty - run diagnostics on the port to determine the nature of the fault.		

Table 38-32 EthernetPortSignalFailure

Alarm	Attributes	Applicable major releases
Name: EthernetPortSignalFailure (303) Type: communicationsAlarm (4) Package: ethernetequipment Raised on class: ethernetequipment.EthernetPortSpecifics	Severity: major Implicitly cleared: true Default probable cause: SignalFailure (234)	<ul style="list-style-type: none"> • 6.4.3 • 6.4.4 • 6.4.5 • 6.4.6
Description: The alarm is raised when a device reports a signal failure on an Ethernet port.		
Raising condition: (('Outstanding Alarms'anyBit'Signal Failure') AND ('Report Alarms'anyBit'Signal Failure'))		
Clearing condition: NOT (('Outstanding Alarms'anyBit'Signal Failure') AND ('Report Alarms'anyBit'Signal Failure'))		
Remedial action: One of the following conditions exists on the physical interface which must be corrected. A cable/fiber fault exists which must be corrected - check to ensure that the cable is not faulty and is properly connected. The port is faulty - run diagnostics on the port to determine the nature of the fault.		

Table 38-33 FanFailure

Alarm	Attributes	Applicable major releases
Name: FanFailure (624) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.FanTray	Severity: critical Implicitly cleared: true Default probable cause: fanFailure (116)	<ul style="list-style-type: none"> • 6.4.3 • 6.4.4 • 6.4.5 • 6.4.6
Description: The alarm is raised when the associated fan is not operationally Up.		
Raising condition: (('Device State' EQUAL 'Failed') OR ('Device State' EQUAL 'Unknown') OR ('Device State' EQUAL 'OutOfservice'))		
Clearing condition: ('Device State' EQUAL 'OK')		

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Alarm	Attributes	Applicable major releases
Remedial action: Remove and reset the fan unit. If this does not resolve the problem replace the fan.		

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Table 38-34 FanTrayRemoved

Alarm	Attributes	Applicable major releases
Name: FanTrayRemoved (569) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.FanTray	Severity: critical Implicitly cleared: true Default probable cause: FanTrayRemoved (438)	<ul style="list-style-type: none"> • 6.4.3 • 6.4.4 • 6.4.5 • 6.4.6
Description: The alarm is raised when the deviceState attribute has a value of deviceNotEquipped.		
Raising condition: ('Device State' EQUAL 'Not Equipped')		
Clearing condition: ('Device State' NOT EQUAL 'Not Equipped')		
Remedial action: Informational - a fan tray has been removed from the NE.		

Table 38-35 ForwardingTableSizeLimitReached

Alarm	Attributes	Applicable major releases
Name: ForwardingTableSizeLimitReached (164) Type: resourceAlarm (28) Package: I2fwd Raised on class: I2fwd.SiteFib	Severity: major Implicitly cleared: true Default probable cause: resourceLimitReached (131)	<ul style="list-style-type: none"> • 6.4.3 • 6.4.4 • 6.4.5 • 6.4.6
Description: The alarm is raised when the number of MAC address entries in the FIB reaches or exceeds the VPLS site high watermark specified by I2fwd.SiteFib.highWatermark. The alarm clears when the number of MAC address entries in the FIB drops below the VPLS site low watermark specified by I2fwd.SiteFib.lowWatermark. The alarm can be raised against a VPLS site, L2 access interface, or spoke SDP binding.		
Raising condition: (('Entries' >= 'Size') OR ('Entries' >= (('High Watermark' * 'Size') / 100.0)))		
Clearing condition: (('Entries' < 'Size') AND (('High Watermark' EQUAL '0L') OR ('Entries' < (('Low Watermark' * 'Size') / 100.0))) AND (('Low Watermark' EQUAL '0L') OR ('Entries' < (('Low Watermark' * 'Size') / 100.0)))		
Remedial action: Informational		

Table 38-36 FrameSizeProblem (netw)

Alarm	Attributes	Applicable major releases
Name: FrameSizeProblem (37) Type: configurationAlarm (11) Package: netw Raised on class: netw.StatefullConnectableInterface	Severity: critical Implicitly cleared: true Default probable cause: frameSizeProblem (33)	<ul style="list-style-type: none"> • 6.4.3 • 6.4.4 • 6.4.5 • 6.4.6
Description: The alarm is raised when a provisioned MTU size value is greater than the supported MTU size value.		
Raising condition: (('mtuMismatch' EQUAL 'true') AND ('portId' NOT EQUAL '0L'))		
Clearing condition: (('mtuMismatch' EQUAL 'false') OR ('portId' EQUAL '0L'))		
Remedial action: A configuration error has been made which must be corrected. The MTU value must be changed such that is less than or equal to the supported MTU size value.		

Table 38-37 FrameSizeProblem (svt)

Alarm	Attributes	Applicable major releases
Name: FrameSizeProblem (37) Type: configurationAlarm (11) Package: svt Raised on class: svt.SdpBinding	Severity: critical Implicitly cleared: true Default probable cause: frameSizeProblem (33)	<ul style="list-style-type: none"> • 6.4.3 • 6.4.4 • 6.4.5 • 6.4.6
Description: The alarm is raised when a provisioned MTU size value is greater than the supported MTU size value.		
Raising condition: (('Operational State' EQUAL 'MTU Mismatch') OR ('Operational State' EQUAL 'Tunnel MTU Too Small'))		
Clearing condition: (('Operational State' NOT EQUAL 'MTU Mismatch') AND ('Operational State' NOT EQUAL 'Tunnel MTU Too Small'))		
Remedial action: The MTU value must be changed such that is is less than or equal to the supported MTU size value.		

Table 38-38 GaPeerDown

Alarm	Attributes	Applicable major releases
Name: GaPeerDown (3303) Type: EpcAlarm (59) Package: Itegsn Raised on class: Itegsn.GaPeer	Severity: major Implicitly cleared: true Default probable cause: EPSPeerDown (602)	<ul style="list-style-type: none"> • 6.4.3 • 6.4.4 • 6.4.5 • 6.4.6
Description: The alarm is raised when the path management state of a Ga peer changes to a state other than Up.		
Raising condition: ('Path Management State' NOT EQUAL 'Active')		
Clearing condition: ('Path Management State' EQUAL 'Active')		
Remedial action: A Ga reference point (peer) is operationally down for one of the following reasons: the underlying IP or physical interface is down, the far end peer is down or the underlying transport between this NE and the peer NE is down. To resolve the issue ensure that the IP/physical interface is up, check that the far end peer is operational and check that the underlying transport network is up.		

Table 38-39 IfVlanSubTypeConflict

Alarm	Attributes	Applicable major releases
Name: IfVlanSubTypeConflict (213) Type: configurationAlarm (11) Package: vlan Raised on class: vlan.L2AccessInterface	Severity: major Implicitly cleared: true Default probable cause: topologyMisconfigured (81)	<ul style="list-style-type: none"> • 6.4.3 • 6.4.4 • 6.4.5 • 6.4.6
Description: The alarm is raised when more than one type of VLAN service is configured with the same VLAN ID. The alarm is raised against an L2 access interface.		
Raising condition: ('vlanSubTypeConflict' EQUAL 'true')		
Clearing condition: ('vlanSubTypeConflict' EQUAL 'false')		
Remedial action: Ensure that only one type of VLAN Service is configured with the VLAN ID used by this Interface.		

Table 38-40 IgmpDown

Alarm	Attributes	Applicable major releases
Name: IgmpDown (158) Type: ProtocolAlarm (1) Package: igmp Raised on class: igmp.Site	Severity: critical Implicitly cleared: true Default probable cause: protocolDown (1)	<ul style="list-style-type: none"> • 6.4.3 • 6.4.4 • 6.4.5 • 6.4.6
Description: The alarm is raised when an IGMP site has an Operational State other than Up, and the Administrative State is Up.		
Raising condition: (('Administrative State' EQUAL 'Up') AND ('Operational State' NOT EQUAL 'Up'))		
Clearing condition: (('Operational State' EQUAL 'Up') OR ('Administrative State' NOT EQUAL 'Up'))		
Remedial action: While configured under VPRN, check if VPRN site is admin down, or if route distinguisher is not configured.		

Table 38-41 IgmpSnoopingDown

Alarm	Attributes	Applicable major releases
Name: IgmpSnoopingDown (161) Type: ProtocolAlarm (1) Package: layer2 Raised on class: layer2.Bridge	Severity: warning Implicitly cleared: true Default probable cause: protocolDown (1)	<ul style="list-style-type: none"> • 6.4.3 • 6.4.4 • 6.4.5 • 6.4.6
Description: The alarm is raised when IGMP snooping is disabled on an NE and a TLS VLAN or MVR VLAN service is provisioned on the NE.		
Raising condition: ('IGMP Snooping' EQUAL 'Disabled')		
Clearing condition: ('IGMP Snooping' EQUAL 'Enabled')		
Remedial action: To clear the alarm, enable IGMP Snooping under the Bridge Instance.		

Table 38-42 IncompleteConfiguration

Alarm	Attributes	Applicable major releases
Name: IncompleteConfiguration (1942) Type: operationalViolation (93) Package: netw Raised on class: netw.NetworkElement	Severity: warning Implicitly cleared: true Default probable cause: incompleteConfig (225)	<ul style="list-style-type: none"> • 6.4.3 • 6.4.4 • 6.4.5 • 6.4.6
Description: The alarm is raised when a pre-provisioned NE has no objects configured beneath it.		
Raising condition: (('State' EQUAL 'Pre-provisioned') AND ('eNodeB Equipment' EQUAL '\'))		
Clearing condition: (('State' EQUAL 'Pre-provisioned') AND ('eNodeB Equipment' NOT EQUAL '\'))		
Remedial action: A configuration error has been made which must be corrected. The configuration of the pre-provisioned NE is incomplete. A work order was not associated with the pre-provisioned NE and as a consequence the attempt to auto-configure the NE failed.		

Table 38-43 InterfaceDown (netw)

Alarm	Attributes	Applicable major releases
Name: InterfaceDown (36) Type: InterfaceAlarm (13) Package: netw Raised on class: netw.StatefullConnectableInterface	Severity: critical Implicitly cleared: true Default probable cause: interfaceDown (32)	<ul style="list-style-type: none"> • 6.4.3 • 6.4.4 • 6.4.5 • 6.4.6
Description: The alarm is raised when an interface or underlying resource fails, as indicated by an interface compositeState attribute value of failed or underlyingResourceFailed.		
Raising condition: (('compositeState' EQUAL 'Inoperable') OR ('compositeState' EQUAL 'Underlying Resource Inoperable'))		
Clearing condition: (('compositeState' NOT EQUAL 'Inoperable') AND ('compositeState' NOT EQUAL 'Underlying Resource Inoperable'))		
Remedial action: A physical port (physical interface, LAG, channel) associated with the network interface is not operation. Ensure that the interface is cabled and that there is not a configuration error (i.e. MTU size set incorrectly) on the interface. Once the issue w		

Table 38-44 IsisDown

Alarm	Attributes	Applicable major releases
Name: IsisDown (19) Type: ProtocolAlarm (1) Package: isis Raised on class: isis.Site	Severity: critical Implicitly cleared: true Default probable cause: protocolDown (1)	<ul style="list-style-type: none"> • 6.4.3 • 6.4.4 • 6.4.5 • 6.4.6
Description: The alarm is raised when an IS-IS site has an Operational State other than Up, and the Administrative State is Up.		
Raising condition: (('Administrative State' EQUAL 'Up') AND ('Operational State' NOT EQUAL 'Up'))		

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Alarm	Attributes	Applicable major releases
Clearing condition: (('Operational State' EQUAL 'Up') OR ('Administrative State' NOT EQUAL 'Up'))		
Remedial action: The protocol is not working anymore, could be a problem with IP addresses, resources on the device, ...		

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Table 38-45 KeepAliveProblem

Alarm	Attributes	Applicable major releases
Name: KeepAliveProblem (100) Type: oamAlarm (18) Package: svt Raised on class: svt.Tunnel	Severity: warning Implicitly cleared: true Default probable cause: keepAliveFailed (86)	<ul style="list-style-type: none"> • 6.4.3 • 6.4.4 • 6.4.5 • 6.4.6
Description: The alarm is raised when the 5620 SAM detects a keep-alive protocol status of senderIdInvalid or responderIdError.		
Raising condition: (('Keep-Alive State' NOT EQUAL 'Disabled') AND ('Keep-Alive State' NOT EQUAL 'Alive') AND ('Keep-Alive State' NOT EQUAL 'Unknown'))		
Clearing condition: (('Keep-Alive State' EQUAL 'Disabled') OR ('Keep-Alive State' EQUAL 'Alive') OR ('Keep-Alive State' EQUAL 'Unknown'))		
Remedial action: Check the configuration of this tunnel and underlying physical transport.		

Table 38-46 LabelProblem

Alarm	Attributes	Applicable major releases
Name: LabelProblem (98) Type: CircuitAlarm (17) Package: svt Raised on class: svt.SdpBinding	Severity: critical Implicitly cleared: true Default probable cause: labelProblem (84)	<ul style="list-style-type: none"> • 6.4.3 • 6.4.4 • 6.4.5 • 6.4.6
Description: The alarm is raised when an ingress or an egress label is missing.		
Raising condition: (('Operational State' EQUAL 'No Egress Label') OR ('Operational State' EQUAL 'No Ingress Label') OR ('Operational State' EQUAL 'No Labels'))		
Clearing condition: (('Operational State' NOT EQUAL 'No Egress Label') AND ('Operational State' NOT EQUAL 'No Ingress Label') AND ('Operational State' NOT EQUAL 'No Labels'))		
Remedial action: An ingress or egress label is missing for the SDP binding.		

Table 38-47 LagDown

Alarm	Attributes	Applicable major releases
Name: LagDown (20) Type: equipmentAlarm (3) Package: lag Raised on class: lag.Interface	Severity: critical Implicitly cleared: true Default probable cause: lagDown (17)	<ul style="list-style-type: none"> • 6.4.3 • 6.4.4 • 6.4.5 • 6.4.6
Description: The alarm is raised when all ports in a LAG are operationally down.		
Raising condition: (('Administrative State' EQUAL 'Up') AND ('operationalState' NOT EQUAL 'Up'))		
Clearing condition: (('operationalState' EQUAL 'Up') OR ('Administrative State' NOT EQUAL 'Up'))		
Remedial action: This alarm indicates that all physical Ethernet links associated with a LAG are operationally down. The reasons for the links to be down may vary from link to link. The following possible causes of this alarm should be investigated. The physical port (near end or far end) may have failed - this can be remedied by replacing the interface card in question. The physical links may have been turned down administratively - re-enable the links. A cable failure or disconnect may have occurred - please ensure that the cables are properly connected to the physical port and that the cable has not been damaged.		

Table 38-48 LagPortAddFailed

Alarm	Attributes	Applicable major releases
Name: LagPortAddFailed (422) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.PhysicalPort	Severity: warning Implicitly cleared: true Default probable cause: linkDown (315)	<ul style="list-style-type: none"> • 6.4.3 • 6.4.4 • 6.4.5 • 6.4.6
Description: The alarm is raised when the Lag Port Add function Fails.		
Raising condition: (('state' EQUAL 'Link Down') AND ('LAG ID' > '0'))		
Clearing condition: (('state' NOT EQUAL 'Link Down') OR ('LAG ID' EQUAL '0'))		
Remedial action: A configuration error has occurred which must be corrected. The link that was to be added to the LAG group may be of the wrong type (i.e. non ethernet) or the limit of the number of links supported in a LAG may have been reached.		

Table 38-49 LdpDown

Alarm	Attributes	Applicable major releases
Name: LdpDown (22) Type: ProtocolAlarm (1) Package: ldp Raised on class: ldp.Site	Severity: critical Implicitly cleared: true Default probable cause: protocolDown (1)	<ul style="list-style-type: none"> • 6.4.3 • 6.4.4 • 6.4.5 • 6.4.6
Description: The alarm is raised when an LDP site has an Operational State other than Up, and the Administrative State is Up.		
Raising condition: (('Administrative State' EQUAL 'Up') AND ('Operational State' NOT EQUAL 'Up'))		
Clearing condition: (('Operational State' EQUAL 'Up') OR ('Administrative State' NOT EQUAL 'Up'))		
Remedial action: Check operational state down reason and update accordingly.		

Table 38-50 LdpSessionNonexistent

Alarm	Attributes	Applicable major releases
Name: LdpSessionNonexistent (2954) Type: LdpSessionAlarm (101) Package: ldp Raised on class: ldp.Session	Severity: critical Implicitly cleared: true Default probable cause: LdpSessionDown (1149)	<ul style="list-style-type: none"> • 6.4.3 • 6.4.4 • 6.4.5 • 6.4.6
Description: The alarm is raised when an LDP session is non-existent.		
Raising condition: ('Session State' EQUAL 'Non-existent')		
Clearing condition: ('Session State' EQUAL 'Operational')		
Remedial action: Please check the LDP session path to make sure all associated protocols/interfaces/connections are OK.		

Table 38-51 LdpTargetedPeerDown

Alarm	Attributes	Applicable major releases
Name: LdpTargetedPeerDown (23) Type: ProtocolAlarm (1) Package: ldp Raised on class: ldp.TargetedPeer	Severity: critical Implicitly cleared: true Default probable cause: protocolDown (1)	<ul style="list-style-type: none"> • 6.4.3 • 6.4.4 • 6.4.5 • 6.4.6
Description: The alarm is raised when an LDP targeted peer is operationally down.		
Raising condition: (('administrativeState' EQUAL 'Up') AND ('operationalState' NOT EQUAL 'Up'))		
Clearing condition: (('operationalState' EQUAL 'Up') OR ('administrativeState' NOT EQUAL 'Up'))		
Remedial action: Please check the route to LDP targeted peer to make sure all associated protocols/interfaces/connections are OK.		

Table 38-52 LicensedLimitExceeded

Alarm	Attributes	Applicable major releases
Name: LicensedLimitExceeded (127) Type: licensingAlarm (23) Package: security Raised on class: security.ProductLicense	Severity: critical Implicitly cleared: true Default probable cause: licensedLimitExceeded (106)	<ul style="list-style-type: none"> • 6.4.3 • 6.4.4 • 6.4.5 • 6.4.6
Description: The alarm is raised when the license items in the network exceeds 100 percent of the license capacity.		
Raising condition: ('Exceeded' EQUAL 'true')		
Clearing condition: ('Exceeded' NOT EQUAL 'true')		
Remedial action: Informational - The number of SAM licenses purchased and available on the SAM server is insufficient as compared to the number of NEs/MDA/Cells under management in the network. Please contact Alcatel-Lucent Sales to purchase additional licenses.		

Table 38-53 LinkDown (equipment)

Alarm	Attributes	Applicable major releases
Name: LinkDown (12) Type: communicationsAlarm (4) Package: equipment Raised on class: equipment.Equipment	Severity: major Implicitly cleared: true Default probable cause: portLinkProblem (10)	<ul style="list-style-type: none"> • 6.4.3 • 6.4.4 • 6.4.5 • 6.4.6
Description: The alarm is raised when a port has no associated physical link or remote end point is operationally down.		
Raising condition: (('compositeEquipmentState' EQUAL 'Link Down') OR ('compositeEquipmentState' EQUAL 'Oper Down'))		
Clearing condition: (('compositeEquipmentState' NOT EQUAL 'Link Down') AND ('compositeEquipmentState' NOT EQUAL 'Oper Down'))		
Remedial action: Please make sure that port has physical link and remote end point is operationally up.		

Table 38-54 LowTemperatureDetected

Alarm	Attributes	Applicable major releases
Name: LowTemperatureDetected (1127) Type: environmentalAlarm (2) Package: equipment Raised on class: equipment.Shelf	Severity: major Implicitly cleared: true Default probable cause: equipmentOvercooled (838)	<ul style="list-style-type: none"> • 6.4.3 • 6.4.4 • 6.4.5 • 6.4.6
Description: The alarm is raised when the chassis temperature falls below the minimum threshold.		
Raising condition: ('Low Temperature State' EQUAL 'Low')		
Clearing condition: ('Low Temperature State' NOT EQUAL 'Low')		
Remedial action: The NE has detected internal temperatures which are abnormally low. This may happen when the environment that the NE is operating in may not be within specifications found in the NE user guides.		

Table 38-55 LowTemperatureThresholdCrossed

Alarm	Attributes	Applicable major releases
Name: LowTemperatureThresholdCrossed (1128) Type: environmentalAlarm (2) Package: equipment Raised on class: equipment.Environment	Severity: major Implicitly cleared: true Default probable cause: equipmentOvercooled (838)	<ul style="list-style-type: none"> • 6.4.3 • 6.4.4 • 6.4.5 • 6.4.6
Description: The alarm is raised when a low-temperature threshold is crossed.		
Raising condition: ('lowTemperatureThresholdCrossed' EQUAL 'true')		
Clearing condition: ('lowTemperatureThresholdCrossed' EQUAL 'false')		
Remedial action: The NE has detected internal temperatures which are abnormally high. This could be caused by a failed fan unit or one or more dirty fan filters. Replacing the failed unit or filters should resolve the problem. Alternately the environment that the NE is operating in may not be within specifications found in the NE user guides.		

Table 38-56 LpsViolation

Alarm	Attributes	Applicable major releases
Name: LpsViolation (518) Type: learnedPortSecurityAlarm (51) Package: lps Raised on class: lps.LearnedPortSecurity	Severity: major Implicitly cleared: true Default probable cause: learnedPortSecurityViolation (393)	<ul style="list-style-type: none"> • 6.4.3 • 6.4.4 • 6.4.5 • 6.4.6
Description: The alarm is raised when the 5620 SAM detects an LPS violation.		
Raising condition: ('Operational State' EQUAL 'Security Violated')		
Clearing condition: ('Operational State' EQUAL 'Down')		
Remedial action: Port reset is required to return the port to normal operation.		

Table 38-57 LspDown

Alarm	Attributes	Applicable major releases
Name: LspDown (25) Type: pathAlarm (12) Package: mpls Raised on class: mpls.Lsp	Severity: critical Implicitly cleared: true Default probable cause: lspDown (19)	<ul style="list-style-type: none"> • 6.4.3 • 6.4.4 • 6.4.5 • 6.4.6
Description: The alarm is raised when the Operational State of an LSP is Down, but the Administrative State is Up.		
Raising condition: (('administrativeState' EQUAL 'Up') AND ('operationalState' NOT EQUAL 'Up'))		
Clearing condition: (('operationalState' EQUAL 'Up') OR ('administrativeState' NOT EQUAL 'Up'))		
Remedial action: So many things can cause LSP down, check if source and destination interfaces are down, LSP path is down and the failure code, or MPLS path is down...		

Table 38-58 macMoveRateExceeded (service)

Alarm	Attributes	Applicable major releases
Name: macMoveRateExceeded (3690) Type: accessInterfaceAlarm (40) Package: service Raised on class: service.AccessInterface	Severity: minor Implicitly cleared: true Default probable cause: MacMoveRateExceeded (1429)	<ul style="list-style-type: none"> • 6.4.3 • 6.4.4 • 6.4.5 • 6.4.6
Description: The alarm is raised when the SAP exceeds the MAC Move Frequency of the service site.		
Raising condition: ('State Cause'anyBit'Relearn Limit Exceeded')		
Clearing condition: NOT (('State Cause'anyBit'Relearn Limit Exceeded'))		
Remedial action: Informational.		

Table 38-59 macMoveRateExceeded (svt)

Alarm	Attributes	Applicable major releases
Name: macMoveRateExceeded (3690) Type: SpokeSdpBindingAlarm (104) Package: svt Raised on class: svt.SpokeSdpBinding	Severity: minor Implicitly cleared: true Default probable cause: MacMoveRateExceeded (1429)	<ul style="list-style-type: none"> • 6.4.3 • 6.4.4 • 6.4.5 • 6.4.6
Description: The alarm is raised when the SDP exceeds the Service Site's MAC Move Frequency.		
Raising condition: ('operationalFlags'anyBit'Relearn Limit Exceeded')		
Clearing condition: NOT (('operationalFlags'anyBit'Relearn Limit Exceeded'))		
Remedial action: Check Service Site MAC move frequency or underlying physical link to understand issue.		

Table 38-60 macMoveRateExceededNonBlock (service)

Alarm	Attributes	Applicable major releases
Name: macMoveRateExceededNonBlock (4893) Type: accessInterfaceAlarm (40) Package: service Raised on class: service.AccessInterface	Severity: info Implicitly cleared: true Default probable cause: MacMoveRateExceededNonBlock (1951)	<ul style="list-style-type: none"> • 6.4.3 • 6.4.4 • 6.4.5 • 6.4.6
Description: The alarm is raised when the SAP exceeds the MAC Move Frequency of the service site when limitMacMove(sapTIsLimitMacMove) is set to 'nonBlocking'.		
Raising condition: ('State Cause'anyBit'Relearn Limit Exceeded')		
Clearing condition: NOT (('State Cause'anyBit'Relearn Limit Exceeded'))		
Remedial action: Informational - User can adjust the value of 'MAC Move Maximum Rate' to reduce the frequency of this alarm.		

Table 38-61 MepAISReceivedAlarm

Alarm	Attributes	Applicable major releases
Name: MepAISReceivedAlarm (2945) Type: oamAlarm (18) Package: ethernetToam Raised on class: ethernetToam.Mep	Severity: variable Implicitly cleared: true Default probable cause: missingRemoteMep (388)	<ul style="list-style-type: none"> • 6.4.3 • 6.4.4 • 6.4.5 • 6.4.6
Description: The alarm is raised when a MEP receives AIS test frames from one or more of its sub-layer MEPs.		
Raising condition: (('AIS Received (AisRx)' EQUAL 'true') AND ('Facility VLAN ID' EQUAL '0'))		
Clearing condition: ('AIS Received (AisRx)' EQUAL 'false')		
Remedial action: This alarm indicates that it has received a MEP fault from a sub-layer MEP, user should investigate the fault cause on the sub-layer MEP and resolve this root cause issue.		

Table 38-62 MobileConnectorDown

Alarm	Attributes	Applicable major releases
Name: MobileConnectorDown (1064) Type: EpcAlarm (59) Package: Iteservice Raised on class: Iteservice.MobileServiceConnector	Severity: minor Implicitly cleared: true Default probable cause: EpcDown (519)	<ul style="list-style-type: none"> • 6.4.3 • 6.4.4 • 6.4.5 • 6.4.6
Description: The alarm is raised when the 5620 SAM no longer manages the EPS path instance of this mobile service site. As a result, the service must be regenerated.		
Raising condition: ('EPS Path' EQUAL '\')		
Clearing condition: ('EPS Path' NOT EQUAL '\')		
Remedial action: The underlying transport network has gone down resulting in the deletion of a mobile service connector (EPS path). Correct the issue with the transport network and regenerate the mobile service connector by clicking on the re-calculate button on the mobile service properties form.		

Table 38-63 MplsDown

Alarm	Attributes	Applicable major releases
Name: MplsDown (27) Type: ProtocolAlarm (1) Package: mpls Raised on class: mpls.Site	Severity: critical Implicitly cleared: true Default probable cause: protocolDown (1)	<ul style="list-style-type: none"> • 6.4.3 • 6.4.4 • 6.4.5 • 6.4.6
Description: The alarm is raised when an MPLS site has an Operational State other than Up, and the Administrative State is Up.		
Raising condition: (('Administrative State' EQUAL 'Up') AND ('Operational State' NOT EQUAL 'Up'))		
Clearing condition: (('Operational State' EQUAL 'Up') OR ('Administrative State' NOT EQUAL 'Up'))		
Remedial action: Check operational down reason and update accordingly.		

Table 38-64 MvrSiteDown

Alarm	Attributes	Applicable major releases
Name: MvrSiteDown (162) Type: ProtocolAlarm (1) Package: layer2 Raised on class: layer2.MvrSite	Severity: warning Implicitly cleared: true Default probable cause: protocolDown (1)	<ul style="list-style-type: none"> • 6.4.3 • 6.4.4 • 6.4.5 • 6.4.6
Description: The alarm is raised when MVR is disabled on an NE and a TLS VLAN or MVR VLAN service is provisioned on the NE.		
Raising condition: ('MVR Admin Status' EQUAL 'Disabled')		
Clearing condition: ('MVR Admin Status' EQUAL 'Enabled')		
Remedial action: To clear the alarm, enable MVR Admin Status under the Bridge Instance.		

Table 38-65 NeighborDown

Alarm	Attributes	Applicable major releases
Name: NeighborDown (121) Type: NeighborDown (20) Package: ospf Raised on class: ospf.AbstractNeighbor	Severity: major Implicitly cleared: true Default probable cause: NeighborDown (103)	<ul style="list-style-type: none"> • 6.4.3 • 6.4.4 • 6.4.5 • 6.4.6
Description: The alarm is raised when an OSPF interface neighbor is operationally Down.		
Raising condition: ('Operational State' NOT EQUAL 'full')		
Clearing condition: ('Operational State' EQUAL 'full')		
Remedial action: This alarm is raised when the OSPF interface neighbor is operationally down. The situation may occur if the underlying physical interface is down either because of administrative disabling or a fault on the far end port or due to a cable connection or cable failure. This alarm will also be raised if the underlying transport network fails or is unreliable. Resolving the underlying instability in the transport network will correct this problem.		

Table 38-66 NeManagementAndTrapManagementMismatch

Alarm	Attributes	Applicable major releases
Name: NeManagementAndTrapManagementMismatch (1079) Type: communicationsAlarm (4) Package: netw Raised on class: netw.NetworkElement	Severity: warning Implicitly cleared: true Default probable cause: neManagementChange (817)	<ul style="list-style-type: none"> • 6.4.3 • 6.4.4 • 6.4.5 • 6.4.6
Description: This user-defined alarm is raised when the NE configuration is one of the following: - The Active Management IP is set to Out Of Band, and the Primary Route Preference is set to In Band. - The Active Management IP is set to In Band, and the Primary Route Preference is set to Out of Band.		
Raising condition: (((('Active Management IP' EQUAL 'In Band') AND (('Management IP Selection' EQUAL 'In Band Preferred') OR ('Management IP Selection' EQUAL 'In Band Only'))) AND ('Primary Route Preference' EQUAL 'Out Of Band') AND ('Secondary Route Preference' EQUAL 'In Band')) OR (('Active Management IP' EQUAL 'Out Of Band') AND (('Management IP Selection' EQUAL 'Out Of Band Preferred') OR ('Management IP Selection' EQUAL 'Out Of Band Only'))) AND ('Primary Route Preference' EQUAL 'In Band') AND ('Secondary Route Preference' EQUAL 'Out Of Band'))		
Clearing condition: (((('Active Management IP' EQUAL 'In Band') AND (('Management IP Selection' EQUAL 'In Band Preferred') OR ('Management IP Selection' EQUAL 'In Band Only'))) AND ('Primary Route Preference' EQUAL 'In Band')) OR (('Active Management IP' EQUAL 'Out Of Band') AND (('Management IP Selection' EQUAL 'Out Of Band Preferred') OR ('Management IP Selection' EQUAL 'Out Of Band Only'))) AND ('Primary Route Preference' EQUAL 'Out Of Band'))		
Remedial action: A configuration error has been made which must be corrected. The parameters described in the description for this alarm must match.		

Table 38-67 NewSsh2ServerKeyDetected

Alarm	Attributes	Applicable major releases
Name: NewSsh2ServerKeyDetected (285) Type: communicationsAlarm (4) Package: security Raised on class: security.KnownHostKey	Severity: warning Implicitly cleared: true Default probable cause: ssh2ServerKeyMismatch (217)	<ul style="list-style-type: none"> • 6.4.3 • 6.4.4 • 6.4.5 • 6.4.6
Description: The alarm is raised when a 5620 SAM main server detects a new public SSH key.		
Raising condition: ('SSH2 Server Key Status' EQUAL 'Mismatch SSH2 Host Key')		
Clearing condition: ('SSH2 Server Key Status' EQUAL 'Active SSH2 Host Key')		
Remedial action: Informational - possible security breach. The SSH key of the router is different from the one known to the SAM server.		

Table 38-68 NodeDatabaseFallbackDetected

Alarm	Attributes	Applicable major releases
Name: NodeDatabaseFallbackDetected (2923) Type: communicationsAlarm (4) Package: netw Raised on class: netw.NetworkElement	Severity: major Implicitly cleared: true Default probable cause: nodeDatabaseFallback (1121)	<ul style="list-style-type: none"> • 6.4.3 • 6.4.4 • 6.4.5 • 6.4.6
Description: The alarm is raised when a configuration fallback is detected on the node and comes back up with a previous configuration. To correct this situation it might be necessary to reconfigure the node, or perform full resync its database with the 'fallback' configuration returned by the node.		
Raising condition: ('State' EQUAL 'Node Configuration Fallback')		
Clearing condition: ('State' EQUAL 'Managed')		
Remedial action: the NE has come back to a previous configuration. Perform a manual Full Resync or a Reconfigure of the NE		

Table 38-69 NodeDatabaseMisalignmentDetected

Alarm	Attributes	Applicable major releases
Name: NodeDatabaseMisalignmentDetected (2924) Type: communicationsAlarm (4) Package: netw Raised on class: netw.NetworkElement	Severity: major Implicitly cleared: true Default probable cause: nodeDatabaseMisalignment (1122)	<ul style="list-style-type: none"> • 6.4.3 • 6.4.4 • 6.4.5 • 6.4.6
Description: The alarm is raised when a configuration misalignment has been detected on the node and comes back up with an unexpected configuration (configuration change triggered by external tool) To correct this situation it might be necessary to reconfigure the node with the 5620 SAM's old configuration or accept the new configuration received from the node.		
Raising condition: ('State' EQUAL 'Node Configuration Misalignment')		
Clearing condition: ('State' EQUAL 'Managed')		
Remedial action: the NE configuration is misaligned. Perform a resync in order to update SAM configuration according to the NE.		

Table 38-70 NodeSuspended

Alarm	Attributes	Applicable major releases
Name: NodeSuspended (5123) Type: communicationsAlarm (4) Package: netw Raised on class: netw.NetworkElement	Severity: critical Implicitly cleared: true Default probable cause: NodeSuspend (2057)	<ul style="list-style-type: none"> • 6.4.3 • 6.4.4 • 6.4.5 • 6.4.6
Description: The alarm is raised when the 5620 SAM detects an NE moved to suspend state as per user request.		
Raising condition: ('SNMP Reachability' EQUAL 'Suspended')		
Clearing condition: ('SNMP Reachability' NOT EQUAL 'Suspended')		
Remedial action: This alarm is raised when user suspends the network element. The alarm will be cleared when the network element is managed back.		

Table 38-71 OrphanNodeDetected

Alarm	Attributes	Applicable major releases
Name: OrphanNodeDetected (4866) Type: discoveryControlAlarm (33) Package: netw Raised on class: netw.AdvertisedNode	Severity: major Implicitly cleared: true Default probable cause: nodeNotMangedByAnyEms (1934)	<ul style="list-style-type: none"> • 6.4.3 • 6.4.4 • 6.4.5 • 6.4.6
Description: The alarm is raised when node is node managed by any EMS after n retries(threshold crossed) it is manually cleared by the operator or when the node is discovered.		
Raising condition: ('State' EQUAL 'Orphan')		
Remedial action: The NE is not managed by any SAM. Add an discovery rule in order to managed it.		

Table 38-72 OspfInterfaceDown

Alarm	Attributes	Applicable major releases
Name: OspfInterfaceDown (141) Type: OspfInterfaceDown (24) Package: ospf Raised on class: ospf.Interface	Severity: warning Implicitly cleared: true Default probable cause: OspfInterfaceDown (112)	<ul style="list-style-type: none"> • 6.4.3 • 6.4.4 • 6.4.5 • 6.4.6
Description: The alarm is raised when an OSPF interface is operationally down.		
Raising condition: ('operationalState' EQUAL 'Down')		
Clearing condition: ('operationalState' NOT EQUAL 'Down')		
Remedial action: This alarm is raised when the OSPF interface is operationally down. The situation may occur if the underlying physical interface is down either because of administrative disabling or a fault on the far end port or due to a cable connection or cable failure. This alarm will also be raised if the underlying transport network fails or is unreliable. Resolving the underlying instability in the transport network will correct this problem.		

Table 38-73 OverTemperatureDetected

Alarm	Attributes	Applicable major releases
Name: OverTemperatureDetected (388) Type: environmentalAlarm (2) Package: equipment Raised on class: equipment.Shelf	Severity: major Implicitly cleared: true Default probable cause: equipmentOverheated (5)	<ul style="list-style-type: none"> • 6.4.3 • 6.4.4 • 6.4.5 • 6.4.6
Description: The alarm is raised when the chassis temperature exceeds the maximum threshold value.		
Raising condition: ('Over Temperature State' EQUAL 'Over')		
Clearing condition: ('Over Temperature State' NOT EQUAL 'Over')		
Remedial action: The NE has detected internal temperatures which are abnormally high. This could be caused by a failed fan unit or one or more dirty fan filters. Replacing the failed unit or filters should resolve the problem. Alternately the environment that the NE is operating in may not be within specifications found in the NE user guides.		

Table 38-74 PartialResyncProblem

Alarm	Attributes	Applicable major releases
Name: PartialResyncProblem (4401) Type: communicationsAlarm (4) Package: netw Raised on class: netw.NetworkElement	Severity: warning Implicitly cleared: true Default probable cause: partialResyncProblem (1578)	<ul style="list-style-type: none"> • 6.4.3 • 6.4.4 • 6.4.5 • 6.4.6
Description: The alarm is raised when a partial resync on an NE fails. For example, when resyncing only some MIB entries as opposed to a full resync. The periodic reachability test (sysUpTime) is not considered a partial resync, neither is a full resync. However, a PartialResyncProblem alarm can only be reset by a FullResync.		
Raising condition: ('partialResyncStatus' EQUAL 'Partial Resync Failed')		
Clearing condition: ('partialResyncStatus' EQUAL 'Partial Resync Done')		
Remedial action: Informational - if the alarm persists or is occurring frequently then investigation is required to understand a) why the underlying transport network is unreliable or b) why the NE is too busy to respond to 5620 SAM or c) has SNMP been disabled on the NE.		

Table 38-75 PersistentIndexParametersMisconfigured

Alarm	Attributes	Applicable major releases
Name: PersistentIndexParametersMisconfigured (173) Type: configurationAlarm (11) Package: netw Raised on class: netw.NetworkElement	Severity: major Implicitly cleared: true Default probable cause: persistentIndexConfigurationMismatch (136)	<ul style="list-style-type: none"> • 6.4.3 • 6.4.4 • 6.4.5 • 6.4.6
Description: The alarm is raised when persistence is set to Off in the NE BOF.		
Raising condition: (('Persistent SNMP Indices' EQUAL 'False') OR (('hasRedundantProcessorCards' EQUAL 'true') AND ('Redundant Synchronization Mode' EQUAL 'None')))		

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Alarm	Attributes	Applicable major releases
Clearing condition: (('Persistent SNMP Indices' EQUAL 'True') AND (('hasRedundantProcessorCards' EQUAL 'false') OR ('Redundant Synchronization Mode' NOT EQUAL 'None')))		
Remedial action: A configuration error has occurred that must be corrected. Use the CLI on the NE to enable persistency in the BOF. The discovery process will complete on the next discovery scan. A re-scan can be triggered immediately for the NE from within the discovery manager		

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Table 38-76 PimDown

Alarm	Attributes	Applicable major releases
Name: PimDown (184) Type: ProtocolAlarm (1) Package: pim Raised on class: pim.Site	Severity: critical Implicitly cleared: true Default probable cause: protocolDown (1)	<ul style="list-style-type: none"> • 6.4.3 • 6.4.4 • 6.4.5 • 6.4.6
Description: The alarm is raised when a PIM site is administratively Up but operationally Down. The alarm is cleared when the PIM site becomes operationally Up but administratively Down.		
Raising condition: (('Administrative State' EQUAL 'Up') AND ('Operational State' NOT EQUAL 'Up'))		
Clearing condition: (('Operational State' EQUAL 'Up') OR ('Administrative State' NOT EQUAL 'Up'))		
Remedial action: This should never happen. Contact Alcatel-Lucent Customer Support for assistance.		

Table 38-77 PollerProblem

Alarm	Attributes	Applicable major releases
Name: PollerProblem (31) Type: communicationsAlarm (4) Package: netw Raised on class: netw.NetworkElement	Severity: warning Implicitly cleared: true Default probable cause: resyncFailed (24)	<ul style="list-style-type: none"> • 6.4.3 • 6.4.4 • 6.4.5 • 6.4.6
Description: The alarm is raised when the 5620 SAM is unable to poll a network object, for example, because of intermittent or no IP connectivity to an NE, incorrect SNMP security parameters, or disabled SNMP on the NE.		
Raising condition: ('Resync Status' EQUAL 'Full Resync Failed')		
Clearing condition: ('Resync Status' EQUAL 'Full Resync Done')		
Remedial action: Informational - if the alarm persists or is occurring frequently then investigation is required to understand a) why the underlying transport network is unreliable or b) why the NE is too busy to respond to 5620 SAM or c) has SNMP been disabled on the NE. Once the issue has been resolved SAM will automatically re-attempt.		

Table 38-78 PortEtherSymMonSDAlarm

Alarm	Attributes	Applicable major releases
Name: PortEtherSymMonSDAlarm (5662) Type: communicationsAlarm (4) Package: ethernetequipment Raised on class: ethernetequipment.EthernetPortSpecifics	Severity: major Implicitly cleared: true Default probable cause: etherPortSymMonSDThresholdExceededAlarm (2439)	<ul style="list-style-type: none"> • 6.4.3 • 6.4.4 • 6.4.5 • 6.4.6
Description: The alarm is raised when an Ethernet port Symbol Monitor Failure alarm condition is detected (Signal Degradation Threshold exceeded).		
Raising condition: ('Symbol Alarm Reason' EQUAL 'SD Threshold Exceeded')		
Clearing condition: ('Symbol Alarm Reason' NOT EQUAL 'SD Threshold Exceeded')		
Remedial action: Symbol monitor signal degradation alarm could be cleared by changing/disabling the associated threshold/multiplier values or it is self clearing and will clear once the error rate drops below 1/10th of the configured rate.		

Table 38-79 PortEtherSymMonSFAlarm

Alarm	Attributes	Applicable major releases
Name: PortEtherSymMonSFAlarm (5663) Type: communicationsAlarm (4) Package: ethernetequipment Raised on class: ethernetequipment.EthernetPortSpecifics	Severity: major Implicitly cleared: true Default probable cause: etherPortSymMonSFThresholdExceededAlarm (2440)	<ul style="list-style-type: none"> • 6.4.3 • 6.4.4 • 6.4.5 • 6.4.6
Description: The alarm is raised when an Ethernet port Symbol Monitor Failure alarm condition is detected (Signal Failure Threshold exceeded).		
Raising condition: ('Symbol Alarm Reason' EQUAL 'SF Threshold Exceeded')		
Clearing condition: ('Symbol Alarm Reason' NOT EQUAL 'SF Threshold Exceeded')		
Remedial action: Symbol monitor signal failure alarm could be cleared by changing/disabling the associated threshold/multiplier values or by taking the port out of service (eg. shutdown, card/mda reset, physical link loss).		

Table 38-80 PowerSupplyFailure

Alarm	Attributes	Applicable major releases
Name: PowerSupplyFailure (633) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.PowerSupplyTray	Severity: critical Implicitly cleared: true Default probable cause: powerSupplyFailure (117)	<ul style="list-style-type: none"> • 6.4.3 • 6.4.4 • 6.4.5 • 6.4.6
Description: The alarm is raised when a power-supply tray reports a failure. When the alarm is raised during device discovery, a power-supply tray may be out of service. When the alarm is raised while the device is in the managed state, a power-supply tray may be out of service or the AC power shelf has a fault condition. The alarm clears when the status changes to OK.		
Raising condition: (('Power Supply 1 Status' EQUAL 'Not Equipped') OR ('Power Supply 1 Status' EQUAL 'Failed'))		

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Alarm	Attributes	Applicable major releases
Clearing condition: (('Power Supply 1 Status' EQUAL 'OK'))		
Remedial action: Ensure that the NE is properly connected to power. If the problem persists please contact Alcatel-Lucent support for assistance.		

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Table 38-81 PowerSupplyInputFeedDown

Alarm	Attributes	Applicable major releases
Name: PowerSupplyInputFeedDown (5422) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.PowerSupplyTray	Severity: minor Implicitly cleared: true Default probable cause: powerSupplyInputFeedDown (2073)	<ul style="list-style-type: none"> • 6.4.3 • 6.4.4 • 6.4.5 • 6.4.6
Description: This alarm is generated if any one of the input feeds for a given power supply is not supplying power.		
Raising condition: (('inputFeedStatus' EQUAL 'Input A Down') OR ('inputFeedStatus' EQUAL 'Input B Down') OR (('inputFeedStatus'allBits'Input A Down') AND ('inputFeedStatus'allBits'Input B Down'))		
Clearing condition: ('inputFeedStatus' EQUAL 'None')		
Remedial action: Restore all of the input feeds that are not supplying power.		

Table 38-82 PowerSupplyRemoved

Alarm	Attributes	Applicable major releases
Name: PowerSupplyRemoved (542) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.PowerSupplyTray	Severity: major Implicitly cleared: true Default probable cause: PowerSupplyRemoved (415)	<ul style="list-style-type: none"> • 6.4.3 • 6.4.4 • 6.4.5 • 6.4.6
Description: The alarm is raised when a chassis power supply is removed.		
Raising condition: ('Power Supply 1 Status' EQUAL 'Not Equipped')		
Clearing condition: ('Power Supply 1 Status' NOT EQUAL 'Not Equipped')		
Remedial action: To recover from this event, the customer is requested to add a new power supply to the system, or change a faulty power supply with a working one.		

Table 38-83 PrimaryImageBootFailure

Alarm	Attributes	Applicable major releases
Name: PrimaryImageBootFailure (191) Type: configurationAlarm (11) Package: sw Raised on class: sw.CardSoftware	Severity: warning Implicitly cleared: true Default probable cause: bootOptionFileMisconfigured (150)	<ul style="list-style-type: none"> • 6.4.3 • 6.4.4 • 6.4.5 • 6.4.6
Description: The alarm is raised when the primary software image specified in an NE BOF is unusable.		
Raising condition: (('imageSource' NOT EQUAL 'Primary') AND ('imageSource' NOT EQUAL 'Unknown'))		
Clearing condition: (('imageSource' EQUAL 'Primary') OR ('imageSource' EQUAL 'Unknown'))		
Remedial action: The SW image on the NE may have been inadvertently corrupted. Download a new copy of the SW image to the NE. If the problem persists contact Alcatel-Lucent support for assistance.		

Table 38-84 RadiusOperStatusDown

Alarm	Attributes	Applicable major releases
Name: RadiusOperStatusDown (3692) Type: radiusOperStatusDownAlarm (105) Package: netw Raised on class: netw.NetworkElement	Severity: critical Implicitly cleared: true Default probable cause: radiusOperationStatusDown (1431)	<ul style="list-style-type: none"> • 6.4.3 • 6.4.4 • 6.4.5 • 6.4.6
Description: The alarm is raised when all RADIUS servers have gone down.		
Raising condition: ('Global RADIUS Operational State' EQUAL 'Down')		
Clearing condition: ('Global RADIUS Operational State' EQUAL 'Up')		
Remedial action: Verify the RADIUS server is properly configured and radius server state is up. Check the connectivity between SAM server and radius server configured on the Network element.		

Table 38-85 ReachabilityProblem

Alarm	Attributes	Applicable major releases
Name: ReachabilityProblem (243) Type: communicationsAlarm (4) Package: netw Raised on class: netw.NetworkElement	Severity: major Implicitly cleared: true Default probable cause: ReachabilityTestFailed (176)	<ul style="list-style-type: none"> • 6.4.3 • 6.4.4 • 6.4.5 • 6.4.6
Description: The alarm is raised when a mediation poll of the SysUpTimeAlarm object on an NE fails, for example, because of network congestion or because the NE is too busy to respond. The probable cause is an unreachable NE Mediation agent on the NE. The polling interval depends on the NE type and is configurable in nms-server.xml. By default, the 5620 SAM polls a managed NE every four minutes. If a poll fails, the alarm is raised. The alarm clears when the 5620 SAM receives a response from the NE, and the 5620 SAM GUI icon that represents the NE turns from red to green.		
Raising condition: ('SNMP Reachability' EQUAL 'Down')		

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Alarm	Attributes	Applicable major releases
Remedial action: Informational - if the alarm persists or is occurring frequently then investigation is required to understand a) why the underlying transport network is unreliable or b) why the NE is too busy to respond to 5620 SAM or c) has SNMP been disabled on the NE. Once the issue has been resolved SAM will automatically re-attempt.		

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Table 38-86 ReconfigFailure

Alarm	Attributes	Applicable major releases
Name: ReconfigFailure (1949) Type: communicationsAlarm (4) Package: netw Raised on class: netw.NetworkElement	Severity: critical Implicitly cleared: true Default probable cause: failedReconfig (937)	<ul style="list-style-type: none"> • 6.4.3 • 6.4.4 • 6.4.5 • 6.4.6
Description: This alarm is raised when the reconfig action failed.		
Raising condition: ('State' EQUAL 'Failed')		
Clearing condition: ('State' NOT EQUAL 'Failed')		
Remedial action: Verify that the object is configured as expected.		

Table 38-87 RedundantMepMisconfiguration

Alarm	Attributes	Applicable major releases
Name: RedundantMepMisconfiguration (3631) Type: oamAlarm (18) Package: ethernetToam Raised on class: ethernetToam.Mep	Severity: minor Implicitly cleared: true Default probable cause: misconfiguredRedundantMep (1416)	<ul style="list-style-type: none"> • 6.4.3 • 6.4.4 • 6.4.5 • 6.4.6
Description: The alarm is raised when an Active and Redundant MEP do not have the same ID, Operational MAC Address or Sub Group configured.		
Raising condition: ('validRedundantMepConfig' EQUAL 'false')		
Clearing condition: ('validRedundantMepConfig' EQUAL 'true')		
Remedial action: MC-LAG redundant MEP configuration (MEP ID or Mac Address) for Active & Standby Interfaces do not match, this could cause issues with CFM or CCM tests if Active interface changes. Delete and Re-create Standby MEP to match Active.		

Table 38-88 RedundantMepMissing

Alarm	Attributes	Applicable major releases
Name: RedundantMepMissing (3632) Type: oamAlarm (18) Package: ethernetToam Raised on class: ethernetToam.Mep	Severity: minor Implicitly cleared: true Default probable cause: missingRedundantMep (1417)	<ul style="list-style-type: none"> • 6.4.3 • 6.4.4 • 6.4.5 • 6.4.6
Description: The alarm is raised when a MEP misses a redundant counterpart on LAG or SAP.		
Raising condition: (('MC-LAG Inactive' NOT EQUAL 'Not Applicable') AND ('Redundant MEP' EQUAL '\'))		
Clearing condition: (('MC-LAG Inactive' EQUAL 'Not Applicable') OR (('MC-LAG Inactive' NOT EQUAL 'Not Applicable') AND ('Redundant MEP' NOT EQUAL '\'))		
Remedial action: MC-LAG redundant MEP is missing Active & Standby Interfaces, this will cause issues with CFM or CCM tests if Active interface changes. Create missing Active/Standby MEP to match existing.		

Table 38-89 RemoteMepCCMAAlarm

Alarm	Attributes	Applicable major releases
Name: RemoteMepCCMAAlarm (502) Type: oamAlarm (18) Package: ethernetToam Raised on class: ethernetToam.Mep	Severity: major Implicitly cleared: true Default probable cause: missingRemoteMep (388)	<ul style="list-style-type: none"> • 6.4.3 • 6.4.4 • 6.4.5 • 6.4.6
Description: The alarm is raised when a MEP loses connectivity with one or more remote MEPs. The Remote MEP DB State tab on a MEP lists the missing remote MEPs.		
Raising condition: ('High-Priority Defect' NOT EQUAL '0')		
Clearing condition: ('High-Priority Defect' EQUAL '0')		
Remedial action: MEP has lost communication with Remote MEP defined in Maintenance Association (MEG) Remote MEP list, Either Remote MEP list is incorrect or diagnose connection fault and resolve.		

Table 38-90 RipDown

Alarm	Attributes	Applicable major releases
Name: RipDown (72) Type: ProtocolAlarm (1) Package: rip Raised on class: rip.Site	Severity: critical Implicitly cleared: true Default probable cause: protocolDown (1)	<ul style="list-style-type: none"> • 6.4.3 • 6.4.4 • 6.4.5 • 6.4.6
Description: The alarm is raised when a RIP site has an Operational State other than Up, and the Administrative State is Up.		
Raising condition: (('Administrative State' EQUAL 'Up') AND ('Operational State' NOT EQUAL 'Up'))		
Clearing condition: (('Operational State' EQUAL 'Up') OR ('Administrative State' NOT EQUAL 'Up'))		
Remedial action: The RIP Site is down while it is administratively up. Please check the node e.g. IOM is not shutdown or installed.		

Table 38-91 SaveConfigFailed

Alarm	Attributes	Applicable major releases
Name: SaveConfigFailed (105) Type: configurationAlarm (11) Package: sw Raised on class: sw.BackupRestoreManager	Severity: major Implicitly cleared: true Default probable cause: fileAccessError (90)	<ul style="list-style-type: none"> • 6.4.3 • 6.4.4 • 6.4.5 • 6.4.6
Description: The alarm is raised when the admin save command on an NE fails.		
Raising condition: ('Config Save State' EQUAL 'Failure')		
Clearing condition: ('Config Save State' EQUAL 'Success')		
Remedial action: Attempt the admin save command a second time. If the problem persists please contact Alcatel-Lucent support for assistance.		

Table 38-92 ScheduledPollerProblem

Alarm	Attributes	Applicable major releases
Name: ScheduledPollerProblem (4386) Type: communicationsAlarm (4) Package: netw Raised on class: netw.NetworkElement	Severity: warning Implicitly cleared: true Default probable cause: scheduledResyncFailed (1569)	<ul style="list-style-type: none"> • 6.4.3 • 6.4.4 • 6.4.5 • 6.4.6
Description: The alarm is raised when the 5620 SAM is unable to poll a network object, for example, because of intermittent or no IP connectivity to an NE, incorrect SNMP security parameters, or disabled SNMP on the NE.		
Raising condition: ('Scheduled Resync Status' EQUAL 'Scheduled Resync Failed')		
Clearing condition: ('Scheduled Resync Status' EQUAL 'Scheduled Resync Done')		
Remedial action: Informational - if the alarm persists or is occurring frequently then investigation is required to understand a) why the underlying transport network is unreliable or b) why the NE is too busy to respond to 5620 SAM or c) has SNMP been disabled on the NE. Once the issue has been resolved SAM will automatically re-attempt.		

Table 38-93 SdpBindingTunnelDown

Alarm	Attributes	Applicable major releases
Name: SdpBindingTunnelDown (222) Type: CircuitAlarm (17) Package: svt Raised on class: svt.SdpBinding	Severity: critical Implicitly cleared: true Default probable cause: SdpTunnelNotReady (167)	<ul style="list-style-type: none"> • 6.4.3 • 6.4.4 • 6.4.5 • 6.4.6
Description: The alarm is raised when an SDP binding tunnel has an Operational State other than Up.		
Raising condition: (('Operational State' EQUAL 'Tunnel Not Ready') OR ('Operational State' EQUAL 'Tunnel Down'))		
Clearing condition: (('Operational State' NOT EQUAL 'Tunnel Not Ready') AND ('Operational State' NOT EQUAL 'Tunnel Down'))		

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Alarm	Attributes	Applicable major releases
Remedial action: To resolve this alarm check the endpoints of the SDP binding to determine if a configuration mismatch exists. If configuration matches then the underlying network resource between the endpoints of the SDP may be down. Further investigation is required to determine why the underlying transport network is down.		

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Table 38-94 SdpEgressIfsNetDomainInConsistent

Alarm	Attributes	Applicable major releases
Name: SdpEgressIfsNetDomainInConsistent (3616) Type: resourceAlarm (28) Package: svt Raised on class: svt.Tunnel	Severity: warning Implicitly cleared: true Default probable cause: sdpEgressIfsNetDomainInConsistent (1405)	<ul style="list-style-type: none"> • 6.4.3 • 6.4.4 • 6.4.5 • 6.4.6
Description: The alarm is raised when the SDP egress interface's consistency state changes to inconsistent.		
Raising condition: ('Egress Interfaces Consistency State' EQUAL '3')		
Clearing condition: ('Egress Interfaces Consistency State' EQUAL '2')		
Remedial action: To resolve this alarm check egress interfaces of the SDP configuration. If configuration is determined to be correct check underlying physical transport. Further investigation is required.		

Table 38-95 ServiceSiteDown

Alarm	Attributes	Applicable major releases
Name: ServiceSiteDown (97) Type: serviceAlarm (16) Package: service Raised on class: service.Site	Severity: critical Implicitly cleared: true Default probable cause: siteDown (83)	<ul style="list-style-type: none"> • 6.4.3 • 6.4.4 • 6.4.5 • 6.4.6
Description: The alarm is raised when all SAPs on a site are operationally down, or when the service tunnels for the site are operationally down.		
Raising condition: (('Operational State' NOT EQUAL 'Up') AND ('State Cause' NOT EQUAL 'All Spoke SDP Bindings are Standby'))		
Clearing condition: (('Operational State' EQUAL 'Up') OR ('State Cause' EQUAL 'All Spoke SDP Bindings are Standby'))		
Remedial action: The network resources (i.e. physical ports for SAPs, or physical ports/LSP) associated with the service site should be examined to determine if/why they are operationally down. The underlying transport network supporting the site may also be unreliable.		

Table 38-96 SiteManagementVlanConflict

Alarm	Attributes	Applicable major releases
Name: SiteManagementVlanConflict (223) Type: configurationAlarm (11) Package: vlan Raised on class: vlan.Site	Severity: warning Implicitly cleared: true Default probable cause: topologyMisconfigured (81)	<ul style="list-style-type: none"> • 6.4.3 • 6.4.4 • 6.4.5 • 6.4.6
Description: The alarm is raised when the management VLAN ID is used for another type of service.		
Raising condition: ('managementVlanConflict' EQUAL 'true')		
Clearing condition: ('managementVlanConflict' EQUAL 'false')		
Remedial action: Ensure that the VLAN ID of this Management Service Site is not used on any other type of VLAN Service Site.		

Table 38-97 SiteVlanSubTypeConflict

Alarm	Attributes	Applicable major releases
Name: SiteVlanSubTypeConflict (224) Type: configurationAlarm (11) Package: vlan Raised on class: vlan.Site	Severity: major Implicitly cleared: true Default probable cause: topologyMisconfigured (81)	<ul style="list-style-type: none"> • 6.4.3 • 6.4.4 • 6.4.5 • 6.4.6
Description: The alarm is raised when more than one type of VLAN service has the same VLAN ID. The alarm is raised against a site.		
Raising condition: ('vlanSubTypeConflict' EQUAL 'true')		
Clearing condition: ('vlanSubTypeConflict' EQUAL 'false')		
Remedial action: Ensure that only one type of VLAN Service is configured with the VLAN ID used by this Site.		

Table 38-98 StatsRetrieveFailed

Alarm	Attributes	Applicable major releases
Name: StatsRetrieveFailed (244) Type: configurationAlarm (11) Package: sw Raised on class: sw.AccountingStatsRetrievalManager	Severity: major Implicitly cleared: false Default probable cause: fileTransferFailure (89)	<ul style="list-style-type: none"> • 6.4.3 • 6.4.4 • 6.4.5 • 6.4.6
Description: The alarm is raised when the 5620 SAM main or auxiliary server cannot transfer an accounting file from an NE.		
Raising condition: (('Stats Retrieval State' NOT EQUAL 'Success') AND ('Stats Retrieval State' NOT EQUAL 'Not Attempted'))		
Remedial action: Informational - if the alarm persists or is occurring frequently then investigation is required to understand a) why the underlying transport network is unreliable or b) why the NE is too busy or otherwise cannot respond to the 5620 SAM main or auxiliary server.		

Table 38-99 SubscriberSystemNextHopUsageHigh

Alarm	Attributes	Applicable major releases
Name: SubscriberSystemNextHopUsageHigh (5157) Type: thresholdCrossed (6) Package: netw Raised on class: netw.NetworkElement	Severity: minor Implicitly cleared: true Default probable cause: resourceFull (53)	<ul style="list-style-type: none"> • 6.4.3 • 6.4.4 • 6.4.5 • 6.4.6
Description: The alarm is raised when the IP next-hop usage by subscriber managed routes reaches its high watermark, cleared when it reaches its low watermark again; the watermarks are derived from the limit specified with the property subSysNextHopLimit.		
Raising condition: ('IP Next Hop Usage High' EQUAL 'true')		
Clearing condition: ('IP Next Hop Usage High' EQUAL 'false')		
Remedial action: The alarm is raised when the IP next-hop usage by subscriber managed routes reaches its high watermark, cleared when it reaches its low watermark again; the watermarks are derived from the limit specified with the property subSysNextHopLimit. There is no immediate effect, but when the usage actually hits the limit, new hosts will not get their managed routes.		

Table 38-100 SubSysChassMemoryUsageHi

Alarm	Attributes	Applicable major releases
Name: SubSysChassMemoryUsageHi (5656) Type: thresholdCrossed (6) Package: equipment Raised on class: equipment.Shelf	Severity: minor Implicitly cleared: true Default probable cause: resourceFull (53)	<ul style="list-style-type: none"> • 6.4.3 • 6.4.4 • 6.4.5 • 6.4.6
Description: This alarm is raised when the memory usage by subscriber management on this system or chassis reaches its high watermark ('true').		
Raising condition: ('Memory Usage High' EQUAL 'True')		
Clearing condition: (('Memory Usage High' EQUAL 'False') OR ('Memory Usage High' EQUAL 'unspecified'))		
Remedial action: The memory usage by subscriber management on this system has reached its high watermark. Please check your memory usage.		

Table 38-101 TemperatureThresholdCrossed

Alarm	Attributes	Applicable major releases
Name: TemperatureThresholdCrossed (7) Type: environmentalAlarm (2) Package: equipment Raised on class: equipment.Environment	Severity: major Implicitly cleared: true Default probable cause: equipmentOverheated (5)	<ul style="list-style-type: none"> • 6.4.3 • 6.4.4 • 6.4.5 • 6.4.6
Description: The alarm is raised when a temperature crosses a threshold.		
Raising condition: ('temperatureThresholdCrossed' EQUAL 'true')		

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Alarm	Attributes	Applicable major releases
Clearing condition: ('temperatureThresholdCrossed' EQUAL 'false')		
Remedial action: The NE has detected internal temperatures which are abnormally high. This could be caused by a failed fan unit or one or more dirty fan filters. Replacing the failed unit or filters should resolve the problem. Alternately the environment that the NE is operating in may not be within specifications found in the NE user guides.		

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Table 38-102 TlsSiteDown

Alarm	Attributes	Applicable major releases
Name: TlsSiteDown (163) Type: ProtocolAlarm (1) Package: layer2 Raised on class: layer2.TlsSite	Severity: warning Implicitly cleared: true Default probable cause: protocolDown (1)	<ul style="list-style-type: none"> • 6.4.3 • 6.4.4 • 6.4.5 • 6.4.6
Description: The alarm is raised when MVR is disabled on an NE and a TLS VLAN or MVR VLAN service is provisioned on the NE.		
Raising condition: ('TLS Admin Status' EQUAL 'Disabled')		
Clearing condition: ('TLS Admin Status' EQUAL 'Enabled')		
Remedial action: To clear the alarm, enable TLS Admin Status under the Bridge Instance.		

Table 38-103 TmnxEqPortEtherLoopDetected

Alarm	Attributes	Applicable major releases
Name: TmnxEqPortEtherLoopDetected (461) Type: portEtherLoopDetected (48) Package: ethernetequipment Raised on class: ethernetequipment.EthernetPortSpecifics	Severity: major Implicitly cleared: true Default probable cause: HighBer (238)	<ul style="list-style-type: none"> • 6.4.3 • 6.4.4 • 6.4.5 • 6.4.6
Description: The alarm is raised when a device detects a physical loop on an Ethernet port.		
Raising condition: (('Down When Looped Status' EQUAL 'Loop Detected'))		
Clearing condition: (('Down When Looped Status' EQUAL 'No Loop Detected'))		
Remedial action: An Ethernet port has been mis-cabled - please remove the loopback cable on the port.		

Table 38-104 TrapDestinationMisconfigured

Alarm	Attributes	Applicable major releases
Name: TrapDestinationMisconfigured (33) Type: configurationAlarm (11) Package: netw Raised on class: netw.NetworkElement	Severity: major Implicitly cleared: true Default probable cause: trapDestinationMisconfigured (26) Applicable probable causes: <ul style="list-style-type: none"> trapDestinationMisconfigured duplicateTrapLogId 	<ul style="list-style-type: none"> 6.4.3 6.4.4 6.4.5 6.4.6
Description: The alarm is raised when the 5620 SAM cannot be added to the NE's SNMP trap destinations.		
Raising condition: ('isTrapDestinationMisconfigured' EQUAL 'true')		
Clearing condition: ('isTrapDestinationMisconfigured' EQUAL 'false')		
Remedial action: A configuration error has been made which must be corrected. The SNMP trap destination on the NE must be configured to the IP address of the SAM server.		

Table 38-105 TrapReceivingFailure

Alarm	Attributes	Applicable major releases
Name: TrapReceivingFailure (1083) Type: communications (87) Package: netw Raised on class: netw.NetworkElement	Severity: major Implicitly cleared: false Default probable cause: trapsWillNotBeSent (822)	<ul style="list-style-type: none"> 6.4.3 6.4.4 6.4.5 6.4.6
Description: This user-defined alarm is raised when the NE is unable to send traps because the NE configuration is one of the following: - The Management IP Selection is set to Out Of Band Only, the Primary Route Preference is set to In Band, and the Secondary Route Preference is set to None. - The Management IP Selection is set to In Band Only, the Primary Route Preference is set to Out Of Band, and the Secondary Route Preference is set to None.		
Raising condition: (('Active Management IP' EQUAL 'In Band') AND ('Management IP Selection' EQUAL 'In Band Only') AND ('Primary Route Preference' EQUAL 'Out Of Band') AND ('Secondary Route Preference' EQUAL 'None')) OR (('Active Management IP' EQUAL 'Out Of Band') AND ('Management IP Selection' EQUAL 'Out Of Band Only') AND ('Primary Route Preference' EQUAL 'In Band') AND ('Secondary Route Preference' EQUAL 'None')) OR (('Active Management IP' EQUAL 'Out Of Band') AND ('Management IP Selection' EQUAL 'In Band Preferred') AND ('Primary Route Preference' EQUAL 'In Band') AND ('Secondary Route Preference' EQUAL 'None')) OR (('Active Management IP' EQUAL 'In Band') AND ('Management IP Selection' EQUAL 'Out Of Band Preferred') AND ('Primary Route Preference' EQUAL 'Out Of Band') AND ('Secondary Route Preference' EQUAL 'None'))		
Clearing condition: (('Active Management IP' EQUAL 'In Band') AND ('Management IP Selection' EQUAL 'In Band Only') AND (('Primary Route Preference' EQUAL 'In Band') OR ('Secondary Route Preference' EQUAL 'In Band'))) OR (('Active Management IP' EQUAL 'Out Of Band') AND ('Management IP Selection' EQUAL 'Out Of Band Only') AND (('Primary Route Preference' EQUAL 'Out Of Band') OR ('Secondary Route Preference' EQUAL 'Out Of Band'))) OR (('Active Management IP' EQUAL 'Out Of Band') AND ('Management IP Selection' EQUAL 'In Band Preferred') AND (('Primary Route Preference' EQUAL 'In Band') OR ('Secondary Route Preference' EQUAL 'In Band'))) OR (('Active Management IP' EQUAL 'In Band') AND ('Management IP Selection' EQUAL 'Out Of Band Preferred') AND (('Primary Route Preference' EQUAL 'In Band') OR ('Secondary Route Preference' EQUAL 'In Band'))) OR (('Active Management IP' EQUAL 'Out Of Band') AND ('Management IP Selection' EQUAL 'Out Of Band Preferred') AND (('Primary Route Preference' EQUAL 'Out Of Band') OR ('Secondary Route Preference' EQUAL 'Out Of Band')))		
Remedial action: A configuration error has been made which must be corrected. The configuration error must be corrected per the discussion in the description for this alarm.		

Table 38-106 TrapRoutePreferenceRedundancyMissing

Alarm	Attributes	Applicable major releases
Name: TrapRoutePreferenceRedundancyMissing (1084) Type: communications (87) Package: netw Raised on class: netw.NetworkElement	Severity: warning Implicitly cleared: true Default probable cause: trapsRedundancyMissing (823)	<ul style="list-style-type: none"> • 6.4.3 • 6.4.4 • 6.4.5 • 6.4.6
Description: The user-defined alarm is raised when NE management redundancy is configured without trap route preference redundancy.		
Raising condition: (((('Management IP Selection' EQUAL 'In Band Preferred') AND ('Active Management IP' EQUAL 'In Band') AND ('Primary Route Preference' EQUAL 'In Band') AND ('Secondary Route Preference' EQUAL 'None')) OR (('Management IP Selection' EQUAL 'Out Of Band Preferred') AND ('Active Management IP' EQUAL 'Out Of Band') AND ('Primary Route Preference' EQUAL 'Out Of Band') AND ('Secondary Route Preference' EQUAL 'None'))))		
Clearing condition: (((('Management IP Selection' EQUAL 'In Band Preferred') AND ('Active Management IP' EQUAL 'In Band') AND ('Secondary Route Preference' NOT EQUAL 'None')) OR (('Management IP Selection' EQUAL 'Out Of Band Preferred') AND ('Active Management IP' EQUAL 'Out Of Band') AND ('Secondary Route Preference' NOT EQUAL 'None'))))		
Remedial action: A configuration error has been made which must be corrected. The IP address of the standby SAM server must be configured on the NE in question.		

Table 38-107 TunnelAdministrativelyDown (svt)

Alarm	Attributes	Applicable major releases
Name: TunnelAdministrativelyDown (523) Type: pathAlarm (12) Package: svt Raised on class: svt.Tunnel	Severity: minor Implicitly cleared: true Default probable cause: tunnelAdministrativelyDown (333)	<ul style="list-style-type: none"> • 6.4.3 • 6.4.4 • 6.4.5 • 6.4.6
Description: The alarm is raised when the 5620 SAM detects that a service tunnel is administratively down.		
Raising condition: ('administrativeState' NOT EQUAL 'Up')		
Clearing condition: ('administrativeState' EQUAL 'Up')		
Remedial action: Informational - an operator has manually turned down a service tunnel.		

Table 38-108 TunnelDown (svt)

Alarm	Attributes	Applicable major releases
Name: TunnelDown (30) Type: pathAlarm (12) Package: svt Raised on class: svt.AbstractTunnel	Severity: critical Implicitly cleared: true Default probable cause: tunnelDown (23)	<ul style="list-style-type: none"> • 6.4.3 • 6.4.4 • 6.4.5 • 6.4.6
Description: The alarm is raised when the 5620 SAM detects that a service tunnel is operationally down.		
Raising condition: (('Administrative' EQUAL 'Up') AND ('Operational' NOT EQUAL 'Up'))		

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Alarm	Attributes	Applicable major releases
Clearing condition: (('Operational' EQUAL 'Up') OR ('Administrative' NOT EQUAL 'Up'))		
Remedial action: This alarm indicates that a problem has been made in the underlying transport network. If the alarm persists or re-occurs frequently then investigation of the underlying transport issues is warranted.		

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Table 38-109 UnidentifiedNode

Alarm	Attributes	Applicable major releases
Name: UnidentifiedNode (1922) Type: communicationsAlarm (4) Package: netw Raised on class: netw.DiscoveredNode	Severity: major Implicitly cleared: true Default probable cause: unidentifiedNode (922)	<ul style="list-style-type: none"> • 6.4.3 • 6.4.4 • 6.4.5 • 6.4.6
Description: The alarm is raised when the node being discovered can not be properly identified.		
Raising condition: ('State' EQUAL 'Pending Identification')		
Clearing condition: ('State' NOT EQUAL 'Pending Identification')		
Remedial action: A configuration error has occurred that must be corrected. The eNodeB does not have a system name. The name can be configured by selecting the alarm, opening the associated properties form for the alarmed object and configuring the system name.		

Table 38-110 UnmanageFailed

Alarm	Attributes	Applicable major releases
Name: UnmanageFailed (300) Type: discoveryControlAlarm (33) Package: netw Raised on class: netw.NodeDiscoveryControl	Severity: warning Implicitly cleared: true Default probable cause: unableToDeleteNode (231)	<ul style="list-style-type: none"> • 6.4.3 • 6.4.4 • 6.4.5 • 6.4.6
Description: The alarm is raised when an attempt to unmanage an NE fails.		
Raising condition: ('Site State' EQUAL 'Unmanage Failed')		
Clearing condition: ('Site State' NOT EQUAL 'Unmanage Failed')		
Remedial action: Informational - if the alarm persists please contact Alcatel-Lucent support for assistance		

Table 38-111 UpgradedBuildVersionMismatch

Alarm	Attributes	Applicable major releases
Name: UpgradedBuildVersionMismatch (174) Type: configurationAlarm (11) Package: netw Raised on class: netw.NetworkElement	Severity: warning Implicitly cleared: true Default probable cause: upgradedImageNotBooted (137)	<ul style="list-style-type: none"> • 6.4.3 • 6.4.4 • 6.4.5 • 6.4.6
Description: The alarm is raised when the software version that an NE reports after a software upgrade does not match the version of the software used for the upgrade.		
Raising condition: ('upgradedBuildVersionMismatch' EQUAL 'true')		
Clearing condition: ('upgradedBuildVersionMismatch' EQUAL 'false')		
Remedial action: Informational - if the alarm persists please contact Alcatel-Lucent support for assistance		

Table 38-112 upgradedCardAlarm

Alarm	Attributes	Applicable major releases
Name: upgradedCardAlarm (255) Type: softwareAlarm (19) Package: equipment Raised on class: equipment.Card	Severity: warning Implicitly cleared: true Default probable cause: upgradedCard (194)	<ul style="list-style-type: none"> • 6.4.3 • 6.4.4 • 6.4.5 • 6.4.6
Description: The alarm is raised when the standby CPM is rebooted and operational after a software upgrade. A device resets an IOM automatically after 120 minutes if the IOM is not manually reset after a CPM upgrade.		
Raising condition: ('operationalState' EQUAL 'Upgrade')		
Clearing condition: ('operationalState' EQUAL 'Up')		
Remedial action: Informational - no corrective action required.		

Table 38-113 VersionConfigRestoreFailed

Alarm	Attributes	Applicable major releases
Name: VersionConfigRestoreFailed (536) Type: configurationAlarm (11) Package: sw Raised on class: sw.BackupRestoreManager	Severity: major Implicitly cleared: true Default probable cause: versionMismatch (405)	<ul style="list-style-type: none"> • 6.4.3 • 6.4.4 • 6.4.5 • 6.4.6
Description: The alarm is raised when the restore procedure on an NE fails because of a mismatch between the backup file set version and the NE software version.		
Raising condition: ('lastNmsVersionRestoreState' EQUAL 'Failure')		
Clearing condition: ('lastNmsVersionRestoreState' EQUAL 'Success')		
Remedial action: The backup files being restored do not match with the version of node software release. Download a new copy of the SW image to the NE. If the problem persists contact Alcatel-Lucent support for assistance.		

Table 38-114 VirtualLinkDown

Alarm	Attributes	Applicable major releases
Name: VirtualLinkDown (122) Type: VirtualLinkAlarm (21) Package: ospf Raised on class: ospf.VirtualLink	Severity: warning Implicitly cleared: true Default probable cause: VirtualLinkDown (104)	<ul style="list-style-type: none"> • 6.4.3 • 6.4.4 • 6.4.5 • 6.4.6
Description: The alarm is raised when a virtual link is Down.		
Raising condition: ('Operational State' EQUAL 'Down')		
Clearing condition: ('Operational State' NOT EQUAL 'Down')		
Remedial action: This alarm is raised when the OSPF virtual link is operationally down. The situation may occur if the underlying physical interface is down either because of administrative disabling or a fault on the far end port or due to a cable connection or cable failure. This alarm will also be raised if the underlying transport network fails or is unreliable. Resolving the underlying instability in the transport network will correct this problem.		

Table 38-115 VirtualNeighborDown

Alarm	Attributes	Applicable major releases
Name: VirtualNeighborDown (123) Type: VirtualNeighborDown (22) Package: ospf Raised on classes: <ul style="list-style-type: none"> • ospf.ShamLink • ospf.VirtualLink 	Severity: warning Implicitly cleared: true Default probable cause: VirtualNeighborDown (105)	<ul style="list-style-type: none"> • 6.4.3 • 6.4.4 • 6.4.5 • 6.4.6
Description: The alarm is raised when a neighbor virtual link is operationally down.		
Raising condition: ('neighborCount' EQUAL '0L')		
Clearing condition: ('neighborCount' NOT EQUAL '0L')		
Remedial action: This alarm is raised when the OSPF neighbor virtual link is operationally down. The situation may occur if the underlying physical interface is down either because of administrative disabling or a fault on the far end port or due to a cable connection or cable failure. This alarm will also be raised if the underlying transport network fails or is unreliable. Resolving the underlying instability in the transport network will correct this problem.		

Table 38-116 WrongCpaaSoftwareVersion

Alarm	Attributes	Applicable major releases
Name: WrongCpaaSoftwareVersion (791) Type: equipmentAlarm (3) Package: netw Raised on class: netw.NetworkElement	Severity: critical Implicitly cleared: true Default probable cause: wrongCpaaSoftwareVersion (559)	<ul style="list-style-type: none"> • 6.4.3 • 6.4.4 • 6.4.5 • 6.4.6
Description: The alarm is raised when the 7701 CPAA software is the wrong version and requires an upgrade.		
Raising condition: (('Software Version' EQUAL "\"TiMOS-B-3.0.Generic \") AND ('Chassis Type' EQUAL '7701 CPAA'))		

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Alarm	Attributes	Applicable major releases
Clearing condition: (('Software Version' NOT EQUAL '\TIMOS-B-3.0.Generic \") AND ('Chassis Type' EQUAL '7701 CPAA'))		
Remedial action: The SW version of the CPAA must be upgraded to the version compatible with CPAM version.		

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Note – Some alarms that the 5620 SAM can raise against this device may not be listed in this chapter. Associating alarms with specific NE types is an ongoing Alcatel-Lucent effort. If the 5620 SAM raises an alarm against this device type, and the alarm is not described in this chapter, see chapter 41 for information about the alarm.

Table 39-1 AccessInterfaceDown

Alarm	Attributes	Applicable major releases
Name: AccessInterfaceDown (249) Type: AccessInterfaceAlarm (32) Package: service Raised on class: service.AccessInterface	Severity: critical Implicitly cleared: true Default probable cause: interfaceDown (32)	<ul style="list-style-type: none"> • 6.3.4 • 6.4.2 • 6.4.3
Description: The alarm is raised when an L2 or L3 interface operational state is Down. The alarm is not raised against an L2 access interface that is associated with an MC ring or MC LAG in the standby state.		
Raising condition: (('Operational State' NOT EQUAL 'Up') AND ('State Cause' NOT EQUAL 'Standby For MC-Ring') AND ('State Cause' NOT EQUAL 'Standby For MC-Lag') AND ('State Cause' NOT EQUAL 'Standby For BGP Multi-homing'))		
Clearing condition: (('Operational State' EQUAL 'Up') OR ('State Cause' EQUAL 'Standby For MC-Ring') OR ('State Cause' EQUAL 'Standby For MC-Lag') OR ('State Cause' EQUAL 'Standby For BGP Multi-homing'))		
Remedial action: The condition exists because the physical interface is down either because it is administratively disabled, faulty or a cabling fault has occurred. Ensure that the interface is administratively up. Check for a poor cable connection to the port or for a faulty cable/fiber. If neither appears to be the problem run diagnostics on the port to determine if it is faulty.		

Table 39-2 ActiveAbnormalCondition

Alarm	Attributes	Applicable major releases
Name: ActiveAbnormalCondition (3938) Type: activeAbnormalConditionAlarm (116) Package: netw Raised on class: netw.NetworkElement	Severity: major Implicitly cleared: true Default probable cause: ActiveAbnormalConditionState (1520)	<ul style="list-style-type: none"> • 6.3.4 • 6.4.2 • 6.4.3
Description: The alarm is an indication for abnormal condition on NE.		
Raising condition: ('abnormalCondition' EQUAL 'true')		
Clearing condition: ('abnormalCondition' EQUAL 'false')		
Remedial action: This alarm is raised when there is a abnormal state indication on NE.		

Table 39-3 AggregatedVFLPortDown

Alarm	Attributes	Applicable major releases
Name: AggregatedVFLPortDown (5436) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.Shelf	Severity: critical Implicitly cleared: true Default probable cause: connectivityIssue (2137)	<ul style="list-style-type: none"> • 6.3.4 • 6.4.2 • 6.4.3
Description: The alarm is generated when the aggregated virtual fabric link on the virtual chassis slot is down.		
Raising condition: (('Shelf Type' EQUAL '7850') AND ('Total Slots' EQUAL '4') AND ('Virtual Fabric Link State' NOT EQUAL 'Up'))		
Clearing condition: (('Shelf Type' EQUAL '7850') AND ('Total Slots' EQUAL '4') AND ('Virtual Fabric Link State' EQUAL 'Up'))		
Remedial action: The alarm is raised when the aggregated virtual fabric link on the virtual chassis is down. Please check the virtual fabric links for the virtual chassis setup.		

Table 39-4 AGWDiameterPeerDown

Alarm	Attributes	Applicable major releases
Name: AGWDiameterPeerDown (844) Type: EpcAlarm (59) Package: Ite Raised on class: Ite.AGWDiameterPeer	Severity: variable Implicitly cleared: true Default probable cause: EPSPeerDown (602)	<ul style="list-style-type: none"> • 6.3.4 • 6.4.2 • 6.4.3
Description: The alarm is raised when the path management state of a Diameter peer changes to a state other than Up.		
Raising condition: ('Path Diameter Management State' NOT EQUAL 'Active')		
Clearing condition: ('Path Diameter Management State' EQUAL 'Active')		
Remedial action: A Ga reference point (peer) is operationally down for one of the following reasons: the underlying IP or physical interface is down, the far end peer is down or the underlying transport between this NE and the peer NE is down. To resolve the issue ensure that the IP/physical interface is up, check that the far end peer is operational and check that the underlying transport network is up.		

Table 39-5 AuxiliaryServerStatus

Alarm	Attributes	Applicable major releases
Name: AuxiliaryServerStatus (311) Type: communicationsAlarm (4) Package: server Raised on class: server.AuxiliaryServer	Severity: critical Implicitly cleared: true Default probable cause: systemFailed (144)	<ul style="list-style-type: none"> • 6.3.4 • 6.4.2 • 6.4.3
Description: The alarm is raised when a 5620 SAM main server cannot communicate with an auxiliary server. The alarm clears when communication is restored.		
Raising condition: ('Server Status' EQUAL 'Down')		
Clearing condition: ('Server Status' EQUAL 'Up')		
Remedial action: Informational - if the alarm persists or is occurring frequently then investigation is required to understand why the connectivity between the AUX and SAM servers is unreliable.		

Table 39-6 BgpDown

Alarm	Attributes	Applicable major releases
Name: BgpDown (6) Type: ProtocolAlarm (1) Package: bgp Raised on class: bgp.Site	Severity: critical Implicitly cleared: true Default probable cause: protocolDown (1)	<ul style="list-style-type: none"> • 6.3.4 • 6.4.2 • 6.4.3
Description: The alarm is raised when a BGP instance has an Operational State other than Up, and the Administrative State is Up.		
Raising condition: (('Administrative State' EQUAL 'Up') AND ('Operational State' NOT EQUAL 'Up'))		
Clearing condition: (('Operational State' EQUAL 'Up') OR ('Administrative State' NOT EQUAL 'Up'))		
Remedial action: The BGP protocol entity is down - administratively disable BGP and re-enable. If the problem persists please contact Alcatel-Lucent support for assistance.		

Table 39-7 BootableConfigBackupFailed

Alarm	Attributes	Applicable major releases
Name: BootableConfigBackupFailed (103) Type: configurationAlarm (11) Package: sw Raised on class: sw.BackupRestoreManager	Severity: major Implicitly cleared: true Default probable cause: fileTransferFailure (89)	<ul style="list-style-type: none"> • 6.3.4 • 6.4.2 • 6.4.3
Description: The alarm is raised when the 5620 SAM fails to back up a set of NE configuration files.		
Raising condition: ('Backup State' EQUAL 'Failure')		
Clearing condition: ('Backup State' EQUAL 'Success')		

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Alarm	Attributes	Applicable major releases
Remedial action: Investigation is required to resolve the following possible scenarios: insufficient disk space is available to accommodate the NE configuration files (additional SAM platform alarms will accompany this alarm); the NE is unreachable (including underlying transport network issue); loss of connectivity to the NE during transfer; the FTP daemon on the NE may have stopped; FTP security credential issues.		

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Table 39-8 BootableConfigRestoreFailed

Alarm	Attributes	Applicable major releases
Name: BootableConfigRestoreFailed (104) Type: configurationAlarm (11) Package: sw Raised on class: sw.BackupRestoreManager	Severity: major Implicitly cleared: true Default probable cause: fileTransferFailure (89)	<ul style="list-style-type: none"> • 6.3.4 • 6.4.2 • 6.4.3
Description: The alarm is raised when the 5620 SAM fails to restore a set of NE configuration files.		
Raising condition: ('Restore State' EQUAL 'Failure')		
Clearing condition: ('Restore State' EQUAL 'Success')		
Remedial action: Investigation is required to resolve the following possible scenarios: the NE is unreachable (including underlying transport network issue); loss of connectivity to the NE during transfer; the FTP daemon on the NE may have stopped; FTP security credential issues.		

Table 39-9 BootParametersMisconfigured

Alarm	Attributes	Applicable major releases
Name: BootParametersMisconfigured (35) Type: configurationAlarm (11) Package: netw Raised on class: netw.NetworkElement	Severity: critical Implicitly cleared: true Default probable cause: persistentIndexFailure (30) Applicable probable causes: <ul style="list-style-type: none"> • persistentIndexFailure • configFileBootFailure 	<ul style="list-style-type: none"> • 6.3.4 • 6.4.2 • 6.4.3
Description: The alarm is raised when the SNMP Index Boot Status on an NE is not set to Persistent.		
Raising condition: (('isGenericNode' EQUAL 'false') AND ('State' NOT EQUAL 'Pre-provisioned') AND (('Config File Status' NOT EQUAL 'Executed Successfully') AND ('Config File Status' NOT EQUAL 'configFileStatus_unspecified')) OR (('Persistent Index Status' NOT EQUAL 'Rebuild Succeeded') AND ('Persistent Index Status' NOT EQUAL 'persistentIndexStatus_unspecified'))))		
Clearing condition: (('Config File Status' EQUAL 'Executed Successfully') AND ('Persistent Index Status' EQUAL 'Rebuild Succeeded'))		
Remedial action: Ensure that "SNMP Index Boot Status" is persistent (using cli command "show system information" on the NE). If not, unmanage the network element from SAM, ensure that "persist on" is set in the bof file, save the bof, save a config file, verify that an index file (.ndx) is saved as well, reboot the router, verify that SNMP Index Boot Status is persistent and finally remanage the router from SAM.		

Table 39-10 ClientDelegateServerStatus

Alarm	Attributes	Applicable major releases
Name: ClientDelegateServerStatus (731) Type: communicationsAlarm (4) Package: server Raised on class: server.ClientDelegateServer	Severity: critical Implicitly cleared: true Default probable cause: systemFailed (144)	<ul style="list-style-type: none"> • 6.3.4 • 6.4.2 • 6.4.3
Description: The alarm is raised when a client delegate server is unreachable.		
Raising condition: ('Server Status' EQUAL 'Down')		
Clearing condition: ('Server Status' EQUAL 'Up')		
Remedial action: Informational - if the alarm persists or is occurring frequently then investigation is required to understand why the connectivity between the client delegate platform and SAM servers is unreliable or the client delegate server itself is unreliable.		

Table 39-11 ContainingEquipmentAdministrativelyDown

Alarm	Attributes	Applicable major releases
Name: ContainingEquipmentAdministrativelyDown (466) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.Port	Severity: minor Implicitly cleared: true Default probable cause: containingEquipmentAdministrativelyDown (330)	<ul style="list-style-type: none"> • 6.3.4 • 6.4.2 • 6.4.3
Description: The alarm is raised when the compositeEquipmentState attribute has a value of containingEquipmentAdministrativelyDown.		
Raising condition: (('Status' EQUAL 'Parent Admin Down') AND ('isTerminatable' EQUAL 'true'))		
Clearing condition: (('Status' NOT EQUAL 'Parent Admin Down') OR ('isTerminatable' NOT EQUAL 'true'))		
Remedial action: Informational - no corrective action required.		

Table 39-12 ContainingEquipmentMismatch

Alarm	Attributes	Applicable major releases
Name: ContainingEquipmentMismatch (464) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.Port	Severity: major Implicitly cleared: true Default probable cause: containingEquipmentMismatch (328)	<ul style="list-style-type: none"> • 6.3.4 • 6.4.2 • 6.4.3
Description: The alarm is raised when the compositeEquipmentState attribute has a value of containingEquipmentMismatch.		
Raising condition: (('Status' EQUAL 'Parent Type Mismatch') AND ('isTerminatable' EQUAL 'true'))		
Clearing condition: (('Status' NOT EQUAL 'Parent Type Mismatch') OR ('isTerminatable' NOT EQUAL 'true'))		
Remedial action: A configuration error has occurred which must be corrected. The card type configured for the slot identified in the alarm must match the installed card type.		

Table 39-13 ContainingEquipmentOperationallyDown

Alarm	Attributes	Applicable major releases
Name: ContainingEquipmentOperationallyDown (465) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.Port	Severity: major Implicitly cleared: true Default probable cause: containingEquipmentDown (329)	<ul style="list-style-type: none"> • 6.3.4 • 6.4.2 • 6.4.3
Description: The alarm is raised when the compositeEquipmentState attribute has a value of containingEquipmentOperationallyDown.		
Raising condition: (('Status' EQUAL 'Parent Oper Down') AND ('isTerminatable' EQUAL 'true'))		
Clearing condition: (('Status' NOT EQUAL 'Parent Oper Down') OR ('isTerminatable' NOT EQUAL 'true'))		
Remedial action: The operational state of the equipment element indicated in the alarm is down. This may be due to the element's administrative state or it may indicate that the element has failed.		

Table 39-14 CorruptImageFile

Alarm	Attributes	Applicable major releases
Name: CorruptImageFile (171) Type: configurationAlarm (11) Package: mediation Raised on class: mediation.AbstractSoftwareFolderDescriptor	Severity: critical Implicitly cleared: true Default probable cause: invalidOrCorruptImageFile (134)	<ul style="list-style-type: none"> • 6.3.4 • 6.4.2 • 6.4.3
Description: The alarm is raised when one or more files in the 5620 SAM software image specified for a device software upgrade is invalid, corrupt or absent. The 5620 SAM validates a device software file set before it imports the file set and distributes it to an NE. Ensure that the file set downloads properly to the NE and is not tampered with before you re-attempt the upgrade. The alarm clears when a valid file set is on the NE and the 5620 SAM activates the software image in the file set.		
Raising condition: ('isImageValid' EQUAL 'false')		
Clearing condition: ('isImageValid' EQUAL 'true')		
Remedial action: The existing SW image in the SAM database should be replaced with an image that is known to be complete and valid.		

Table 39-15 downgradedCardAlarm

Alarm	Attributes	Applicable major releases
Name: downgradedCardAlarm (256) Type: softwareAlarm (19) Package: equipment Raised on class: equipment.Card	Severity: warning Implicitly cleared: true Default probable cause: downgradedCard (195)	<ul style="list-style-type: none"> • 6.3.4 • 6.4.2 • 6.4.3
Description: The alarm is raised when an IOM is not upgraded or reset after a device software upgrade of both CPMs. A device resets an IOM automatically after 120 minutes if the IOM is not manually reset after a CPM upgrade.		

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Alarm	Attributes	Applicable major releases
Raising condition: ('operationalState' EQUAL 'Downgrade')		
Clearing condition: ('operationalState' EQUAL 'Up')		
Remedial action: Informational - no corrective action required.		

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Table 39-16 EquipmentAdministrativelyDown

Alarm	Attributes	Applicable major releases
Name: EquipmentAdministrativelyDown (455) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.Equipment	Severity: minor Implicitly cleared: true Default probable cause: equipmentAdministrativelyDown (326)	<ul style="list-style-type: none"> • 6.3.4 • 6.4.2 • 6.4.3
Description: The alarm is raised when the compositeEquipmentState attribute has a value of equipmentAdministrativelyDown.		
Raising condition: ('compositeEquipmentState' EQUAL 'Admin Down')		
Clearing condition: ('compositeEquipmentState' NOT EQUAL 'Admin Down')		
Remedial action: Informational - no corrective action required.		

Table 39-17 EquipmentDegraded

Alarm	Attributes	Applicable major releases
Name: EquipmentDegraded (604) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.FanTray	Severity: minor Implicitly cleared: true Default probable cause: singleFanFailure (450)	<ul style="list-style-type: none"> • 6.3.4 • 6.4.2 • 6.4.3
Description: The alarm is raised when a single fan fails. The chassis attempts to continue operating within the normal temperature range using only the remaining fans.		
Raising condition: ('Device State' EQUAL 'MinorFailure')		
Clearing condition: ('Device State' NOT EQUAL 'MinorFailure')		
Remedial action: The failed fan unit should be replaced.		

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Table 39-18 EquipmentDown

Alarm	Attributes	Applicable major releases
Name: EquipmentDown (10) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.Equipment	Severity: major Implicitly cleared: true Default probable cause: inoperableEquipment (8)	<ul style="list-style-type: none"> • 6.3.4 • 6.4.2 • 6.4.3
Description: The alarm is raised when the compositeEquipmentState attribute has a value of equipmentOperationallyDown.		
Raising condition: ('compositeEquipmentState' EQUAL 'Oper Down')		
Clearing condition: ('compositeEquipmentState' NOT EQUAL 'Oper Down')		
Remedial action: This alarm indicates that a card in the NE has failed. The card must be replaced.		

Table 39-19 EquipmentFailure

Alarm	Attributes	Applicable major releases
Name: EquipmentFailure (145) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.ReplaceableUnit	Severity: critical Implicitly cleared: true Default probable cause: cardFailure (123)	<ul style="list-style-type: none"> • 6.3.4 • 6.4.2 • 6.4.3
Description: The alarm is raised when a control processor or power-supply tray reports a failure. When the object type is ControlProcessor, a CPM may be unable to boot. When the object type is Power Supply Tray and the alarm is raised during device discovery, a power-supply tray may be out of service. When the object type is a Power Supply Tray and the device is in the managed state, a power-supply tray may be out of service or the AC power shelf has a fault condition. The alarm clears when the status changes to OK.		
Raising condition: ('operationalState' EQUAL 'Failed')		
Clearing condition: ('operationalState' NOT EQUAL 'Failed')		
Remedial action: If the alarm indicates that the CPM card has a fault, remove the card and reset it. If this does not clear the alarm then please contact Alcatel-Lucent support for assistance. If the alarm indicates that the Power Supply tray is out of service ensure that the NE is properly connected to power. If the problem persists please contact Alcatel-Lucent support for assistance.		

Table 39-20 EquipmentInTest

Alarm	Attributes	Applicable major releases
Name: EquipmentInTest (11) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.Equipment	Severity: warning Implicitly cleared: true Default probable cause: equipmentInTest (9)	<ul style="list-style-type: none"> • 6.3.4 • 6.4.2 • 6.4.3
Description: The alarm is raised when equipment enters a diagnostic state.		
Raising condition: ('compositeEquipmentState' EQUAL 'In Test')		
Clearing condition: ('compositeEquipmentState' NOT EQUAL 'In Test')		

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Alarm	Attributes	Applicable major releases
Remedial action: Informational - no corrective action required.		

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Table 39-21 EquipmentMismatch

Alarm	Attributes	Applicable major releases
Name: EquipmentMismatch (9) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.Equipment	Severity: major Implicitly cleared: true Default probable cause: equipmentTypeMismatch (7)	<ul style="list-style-type: none"> • 6.3.4 • 6.4.2 • 6.4.3
Description: The alarm is raised when the compositeEquipmentState attribute has a value of equipmentMismatch.		
Raising condition: ('compositeEquipmentState' EQUAL 'Type Mismatch')		
Clearing condition: ('compositeEquipmentState' NOT EQUAL 'Type Mismatch')		
Remedial action: A configuration error has occurred which must be corrected. The card type configured for the slot identified in the alarm must match the installed card type.		

Table 39-22 EquipmentRemoved

Alarm	Attributes	Applicable major releases
Name: EquipmentRemoved (8) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.Equipment	Severity: major Implicitly cleared: true Default probable cause: replaceableEquipmentRemoved (6)	<ul style="list-style-type: none"> • 6.3.4 • 6.4.2 • 6.4.3
Description: The alarm is raised when the compositeEquipmentState attribute has a value of equipmentMissing.		
Raising condition: (((('isEquipped' EQUAL 'false') OR ('compositeEquipmentState' EQUAL 'Removed')) AND ('isEquipmentInserted' EQUAL 'true'))		
Clearing condition: (('compositeEquipmentState' NOT EQUAL 'Removed') AND ('isEquipped' EQUAL 'true'))		
Remedial action: Informational - this alarm is raised when a card is removed.		

Table 39-23 EthernetPortConfiguredLoopback

Alarm	Attributes	Applicable major releases
Name: EthernetPortConfiguredLoopback (801) Type: configurationAlarm (11) Package: ethernetequipment Raised on class: ethernetequipment.EthernetPortSpecifics	Severity: warning Implicitly cleared: true Default probable cause: ethernetPortConfiguredLoopback (567)	<ul style="list-style-type: none"> • 6.3.4 • 6.4.2 • 6.4.3

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Alarm	Attributes	Applicable major releases
Description: The alarm is raised when a timed loopback is in effect for an Ethernet port.		
Raising condition: (('Type' NOT EQUAL 'None'))		
Clearing condition: (('Type' EQUAL 'None'))		
Remedial action: This alarm has been raised by the node because "Timed Loopback" option of the specific port's Ethernet property has been enabled. To resolve this problem from "Ethernet" tab of "Physical Port" properties form configure "Timed Loopback" Type property as "None".		

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Table 39-24 EthernetPortDuplicateLane

Alarm	Attributes	Applicable major releases
Name: EthernetPortDuplicateLane (3557) Type: communicationsAlarm (4) Package: ethernetequipment Raised on class: ethernetequipment.EthernetPortSpecifics	Severity: major Implicitly cleared: true Default probable cause: DuplicateLane (1387)	<ul style="list-style-type: none"> • 6.3.4 • 6.4.2 • 6.4.3
Description: The alarm is raised when a device reports a Duplicate Lane on an Ethernet port.		
Raising condition: (('Outstanding Alarms'anyBit'Duplicate Lane') AND ('Report Alarms'anyBit'Duplicate Lane'))		
Clearing condition: NOT (('Outstanding Alarms'anyBit'Duplicate Lane') AND ('Report Alarms'anyBit'Duplicate Lane'))		
Remedial action: One of the following conditions exists on the referenced physical interface which must be corrected. A cable/fiber fault exists which must be corrected - check to ensure that the cable is not faulty and is properly connected. The port is faulty - run diagnostics on the port to determine the nature of the fault. If the problem cannot be resolved swap the card containing the port with a card which is known be functional.		

Table 39-25 EthernetPortHighBer

Alarm	Attributes	Applicable major releases
Name: EthernetPortHighBer (307) Type: communicationsAlarm (4) Package: ethernetequipment Raised on class: ethernetequipment.EthernetPortSpecifics	Severity: major Implicitly cleared: true Default probable cause: HighBer (238)	<ul style="list-style-type: none"> • 6.3.4 • 6.4.2 • 6.4.3
Description: The alarm is raised when a device reports a high bit-error rate on an Ethernet port.		
Raising condition: (('Outstanding Alarms'anyBit'High Bit Error Rate') AND ('Report Alarms'anyBit'High Bit Error Rate'))		
Clearing condition: NOT (('Outstanding Alarms'anyBit'High Bit Error Rate') AND ('Report Alarms'anyBit'High Bit Error Rate'))		
Remedial action: One of the following conditions exists on the physical interface which must be corrected. A cable/fiber fault exists which must be corrected - check to ensure that the cable is not faulty and is properly connected. The port is faulty - run diagnostics on the port to determine the nature of the fault.		

Table 39-26 EthernetPortLocalFault

Alarm	Attributes	Applicable major releases
Name: EthernetPortLocalFault (305) Type: communicationsAlarm (4) Package: ethernetequipment Raised on class: ethernetequipment.EthernetPortSpecifics	Severity: major Implicitly cleared: true Default probable cause: LocalFault (236)	<ul style="list-style-type: none"> • 6.3.4 • 6.4.2 • 6.4.3
Description: The alarm is raised when a device reports a local fault on an Ethernet port.		
Raising condition: (('Outstanding Alarms'anyBit'Local Fault') AND ('Report Alarms'anyBit'Local Fault'))		
Clearing condition: NOT (('Outstanding Alarms'anyBit'Local Fault') AND ('Report Alarms'anyBit'Local Fault'))		
Remedial action: One of the following conditions exists on the physical interface which must be corrected. A cable/fiber fault exists which must be corrected - check to ensure that the cable is not faulty and is properly connected. The port is faulty - run diagnostics on the port to determine the nature of the fault.		

Table 39-27 EthernetPortNoAmLock

Alarm	Attributes	Applicable major releases
Name: EthernetPortNoAmLock (3558) Type: communicationsAlarm (4) Package: ethernetequipment Raised on class: ethernetequipment.EthernetPortSpecifics	Severity: major Implicitly cleared: true Default probable cause: NoAmLock (1388)	<ul style="list-style-type: none"> • 6.3.4 • 6.4.2 • 6.4.3
Description: The alarm is raised when a device reports a No Am Lock on an Ethernet port.		
Raising condition: (('Outstanding Alarms'anyBit'No AM Lock') AND ('Report Alarms'anyBit'No AM Lock'))		
Clearing condition: NOT (('Outstanding Alarms'anyBit'No AM Lock') AND ('Report Alarms'anyBit'No AM Lock'))		
Remedial action: One of the following conditions exists on the referenced physical interface which must be corrected. A cable/fiber fault exists which must be corrected - check to ensure that the cable is not faulty and is properly connected. The port is faulty - run diagnostics on the port to determine the nature of the fault. If the problem cannot be resolved swap the card containing the port with a card which is known be functional.		

Table 39-28 EthernetPortNoBlockLock

Alarm	Attributes	Applicable major releases
Name: EthernetPortNoBlockLock (3559) Type: communicationsAlarm (4) Package: ethernetequipment Raised on class: ethernetequipment.EthernetPortSpecifics	Severity: major Implicitly cleared: true Default probable cause: NoBlockLock (1389)	<ul style="list-style-type: none"> • 6.3.4 • 6.4.2 • 6.4.3
Description: The alarm is raised when a device reports a No Block Lock on an Ethernet port.		
Raising condition: (('Outstanding Alarms'anyBit'No Block Lock') AND ('Report Alarms'anyBit'No Block Lock'))		

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Alarm	Attributes	Applicable major releases
Clearing condition: NOT (('Outstanding Alarms'anyBit'No Block Lock') AND ('Report Alarms'anyBit'No Block Lock'))		
Remedial action: One of the following conditions exists on the referenced physical interface which must be corrected. A cable/fiber fault exists which must be corrected - check to ensure that the cable is not faulty and is properly connected. The port is faulty - run diagnostics on the port to determine the nature of the fault. If the problem cannot be resolved swap the card containing the port with a card which is known be functional.		

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Table 39-29 EthernetPortNoFrameLock

Alarm	Attributes	Applicable major releases
Name: EthernetPortNoFrameLock (306) Type: communicationsAlarm (4) Package: ethernetequipment Raised on class: ethernetequipment.EthernetPortSpecifics	Severity: major Implicitly cleared: true Default probable cause: NoFrameLock (237)	<ul style="list-style-type: none"> • 6.3.4 • 6.4.2 • 6.4.3
Description: The alarm is raised when a device reports No Frame Lock on an Ethernet port.		
Raising condition: (('Outstanding Alarms'anyBit'No Frame Lock') AND ('Report Alarms'anyBit'No Frame Lock'))		
Clearing condition: NOT (('Outstanding Alarms'anyBit'No Frame Lock') AND ('Report Alarms'anyBit'No Frame Lock'))		
Remedial action: One of the following conditions exists on the physical interface which must be corrected. A cable/fiber fault exists which must be corrected - check to ensure that the cable is not faulty and is properly connected. The port is faulty - run diagnostics on the port to determine the nature of the fault.		

Table 39-30 EthernetPortRemoteFault

Alarm	Attributes	Applicable major releases
Name: EthernetPortRemoteFault (304) Type: communicationsAlarm (4) Package: ethernetequipment Raised on class: ethernetequipment.EthernetPortSpecifics	Severity: major Implicitly cleared: true Default probable cause: RemoteFault (235)	<ul style="list-style-type: none"> • 6.3.4 • 6.4.2 • 6.4.3
Description: The alarm is raised when a device reports a remote fault on an Ethernet port.		
Raising condition: (('Outstanding Alarms'anyBit'Remote Fault') AND ('Report Alarms'anyBit'Remote Fault'))		
Clearing condition: NOT (('Outstanding Alarms'anyBit'Remote Fault') AND ('Report Alarms'anyBit'Remote Fault'))		
Remedial action: One of the following conditions exists on the remote physical interface which must be corrected. A cable/fiber fault exists which must be corrected - check to ensure that the cable is not faulty and is properly connected. The port is faulty - run diagnostics on the port to determine the nature of the fault.		

Table 39-31 EthernetPortSignalFailure

Alarm	Attributes	Applicable major releases
Name: EthernetPortSignalFailure (303) Type: communicationsAlarm (4) Package: ethernetequipment Raised on class: ethernetequipment.EthernetPortSpecifics	Severity: major Implicitly cleared: true Default probable cause: SignalFailure (234)	<ul style="list-style-type: none"> • 6.3.4 • 6.4.2 • 6.4.3
Description: The alarm is raised when a device reports a signal failure on an Ethernet port.		
Raising condition: (('Outstanding Alarms'anyBit'Signal Failure') AND ('Report Alarms'anyBit'Signal Failure'))		
Clearing condition: NOT (('Outstanding Alarms'anyBit'Signal Failure') AND ('Report Alarms'anyBit'Signal Failure'))		
Remedial action: One of the following conditions exists on the physical interface which must be corrected. A cable/fiber fault exists which must be corrected - check to ensure that the cable is not faulty and is properly connected. The port is faulty - run diagnostics on the port to determine the nature of the fault.		

Table 39-32 FanFailure

Alarm	Attributes	Applicable major releases
Name: FanFailure (624) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.FanTray	Severity: critical Implicitly cleared: true Default probable cause: fanFailure (116)	<ul style="list-style-type: none"> • 6.3.4 • 6.4.2 • 6.4.3
Description: The alarm is raised when the associated fan is not operationally Up.		
Raising condition: (('Device State' EQUAL 'Failed') OR ('Device State' EQUAL 'Unknown') OR ('Device State' EQUAL 'OutOfservice'))		
Clearing condition: ('Device State' EQUAL 'OK')		
Remedial action: Remove and reset the fan unit. If this does not resolve the problem replace the fan.		

Table 39-33 FanTrayRemoved

Alarm	Attributes	Applicable major releases
Name: FanTrayRemoved (569) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.FanTray	Severity: critical Implicitly cleared: true Default probable cause: FanTrayRemoved (438)	<ul style="list-style-type: none"> • 6.3.4 • 6.4.2 • 6.4.3
Description: The alarm is raised when the deviceState attribute has a value of deviceNotEquipped.		
Raising condition: ('Device State' EQUAL 'Not Equipped')		
Clearing condition: ('Device State' NOT EQUAL 'Not Equipped')		
Remedial action: Informational - a fan tray has been removed from the NE.		

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Table 39-34 FrameSizeProblem (netw)

Alarm	Attributes	Applicable major releases
Name: FrameSizeProblem (37) Type: configurationAlarm (11) Package: netw Raised on class: netw.StatefullConnectableInterface	Severity: critical Implicitly cleared: true Default probable cause: frameSizeProblem (33)	<ul style="list-style-type: none"> • 6.3.4 • 6.4.2 • 6.4.3
Description: The alarm is raised when a provisioned MTU size value is greater than the supported MTU size value.		
Raising condition: (('mtuMismatch' EQUAL 'true') AND ('portId' NOT EQUAL '0L'))		
Clearing condition: (('mtuMismatch' EQUAL 'false') OR ('portId' EQUAL '0L'))		
Remedial action: A configuration error has been made which must be corrected. The MTU value must be changed such that is less than or equal to the supported MTU size value.		

Table 39-35 GaPeerDown

Alarm	Attributes	Applicable major releases
Name: GaPeerDown (3303) Type: EpcAlarm (59) Package: Iteggns Raised on class: Iteggns.GaPeer	Severity: major Implicitly cleared: true Default probable cause: EPSPeerDown (602)	<ul style="list-style-type: none"> • 6.3.4 • 6.4.2 • 6.4.3
Description: The alarm is raised when the path management state of a Ga peer changes to a state other than Up.		
Raising condition: ('Path Management State' NOT EQUAL 'Active')		
Clearing condition: ('Path Management State' EQUAL 'Active')		
Remedial action: A Ga reference point (peer) is operationally down for one of the following reasons: the underlying IP or physical interface is down, the far end peer is down or the underlying transport between this NE and the peer NE is down. To resolve the issue ensure that the IP/physical interface is up, check that the far end peer is operational and check that the underlying transport network is up.		

Table 39-36 IfVlanSubTypeConflict

Alarm	Attributes	Applicable major releases
Name: IfVlanSubTypeConflict (213) Type: configurationAlarm (11) Package: vlan Raised on class: vlan.L2AccessInterface	Severity: major Implicitly cleared: true Default probable cause: topologyMisconfigured (81)	<ul style="list-style-type: none"> • 6.3.4 • 6.4.2 • 6.4.3
Description: The alarm is raised when more than one type of VLAN service is configured with the same VLAN ID. The alarm is raised against an L2 access interface.		
Raising condition: ('vlanSubTypeConflict' EQUAL 'true')		
Clearing condition: ('vlanSubTypeConflict' EQUAL 'false')		

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Alarm	Attributes	Applicable major releases
Remedial action: Ensure that only one type of VLAN Service is configured with the VLAN ID used by this Interface.		

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Table 39-37 IgmpDown

Alarm	Attributes	Applicable major releases
Name: IgmpDown (158) Type: ProtocolAlarm (1) Package: igmp Raised on class: igmp.Site	Severity: critical Implicitly cleared: true Default probable cause: protocolDown (1)	<ul style="list-style-type: none"> • 6.3.4 • 6.4.2 • 6.4.3
Description: The alarm is raised when an IGMP site has an Operational State other than Up, and the Administrative State is Up.		
Raising condition: (('Administrative State' EQUAL 'Up') AND ('Operational State' NOT EQUAL 'Up'))		
Clearing condition: (('Operational State' EQUAL 'Up') OR ('Administrative State' NOT EQUAL 'Up'))		
Remedial action: While configured under VPRN, check if VPRN site is admin down, or if route distinguisher is not configured.		

Table 39-38 IgmpSnoopingDown

Alarm	Attributes	Applicable major releases
Name: IgmpSnoopingDown (161) Type: ProtocolAlarm (1) Package: layer2 Raised on class: layer2.Bridge	Severity: warning Implicitly cleared: true Default probable cause: protocolDown (1)	<ul style="list-style-type: none"> • 6.3.4 • 6.4.2 • 6.4.3
Description: The alarm is raised when IGMP snooping is disabled on an NE and a TLS VLAN or MVR VLAN service is provisioned on the NE.		
Raising condition: ('IGMP Snooping' EQUAL 'Disabled')		
Clearing condition: ('IGMP Snooping' EQUAL 'Enabled')		
Remedial action: To clear the alarm, enable IGMP Snooping under the Bridge Instance.		

Table 39-39 IncompleteConfiguration

Alarm	Attributes	Applicable major releases
Name: IncompleteConfiguration (1942) Type: operationalViolation (93) Package: netw Raised on class: netw.NetworkElement	Severity: warning Implicitly cleared: true Default probable cause: incompleteConfig (225)	<ul style="list-style-type: none"> • 6.3.4 • 6.4.2 • 6.4.3
Description: The alarm is raised when a pre-provisioned NE has no objects configured beneath it.		

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Alarm	Attributes	Applicable major releases
Raising condition: (('State' EQUAL 'Pre-provisioned') AND ('eNodeB Equipment' EQUAL '\'))		
Clearing condition: (('State' EQUAL 'Pre-provisioned') AND ('eNodeB Equipment' NOT EQUAL '\'))		
Remedial action: A configuration error has been made which must be corrected. The configuration of the pre-provisioned NE is incomplete. A work order was not associated with the pre-provisioned NE and as a consequence the attempt to auto-configure the NE failed.		

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Table 39-40 InterfaceDown (netw)

Alarm	Attributes	Applicable major releases
Name: InterfaceDown (36) Type: InterfaceAlarm (13) Package: netw Raised on class: netw.StatefullConnectableInterface	Severity: critical Implicitly cleared: true Default probable cause: interfaceDown (32)	<ul style="list-style-type: none"> • 6.3.4 • 6.4.2 • 6.4.3
Description: The alarm is raised when an interface or underlying resource fails, as indicated by an interface compositeState attribute value of failed or underlyingResourceFailed.		
Raising condition: (('compositeState' EQUAL 'Inoperable') OR ('compositeState' EQUAL 'Underlying Resource Inoperable'))		
Clearing condition: (('compositeState' NOT EQUAL 'Inoperable') AND ('compositeState' NOT EQUAL 'Underlying Resource Inoperable'))		
Remedial action: A physical port (physical interface, LAG, channel) associated with the network interface in not operation. Ensure that the interface is cabled and that there is not a configuration error (i.e. MTU size set incorrectly) on the interface. Once the issue w		

Table 39-41 IsisDown

Alarm	Attributes	Applicable major releases
Name: IsisDown (19) Type: ProtocolAlarm (1) Package: isis Raised on class: isis.Site	Severity: critical Implicitly cleared: true Default probable cause: protocolDown (1)	<ul style="list-style-type: none"> • 6.3.4 • 6.4.2 • 6.4.3
Description: The alarm is raised when an IS-IS site has an Operational State other than Up, and the Administrative State is Up.		
Raising condition: (('Administrative State' EQUAL 'Up') AND ('Operational State' NOT EQUAL 'Up'))		
Clearing condition: (('Operational State' EQUAL 'Up') OR ('Administrative State' NOT EQUAL 'Up'))		
Remedial action: The protocol is not working anymore, could be a problem with IP addresses, resources on the device, ...		

Table 39-42 LagDown

Alarm	Attributes	Applicable major releases
Name: LagDown (20) Type: equipmentAlarm (3) Package: lag Raised on class: lag.Interface	Severity: critical Implicitly cleared: true Default probable cause: lagDown (17)	<ul style="list-style-type: none"> • 6.3.4 • 6.4.2 • 6.4.3
Description: The alarm is raised when all ports in a LAG are operationally down.		
Raising condition: (('Administrative State' EQUAL 'Up') AND ('operationalState' NOT EQUAL 'Up'))		
Clearing condition: (('operationalState' EQUAL 'Up') OR ('Administrative State' NOT EQUAL 'Up'))		
Remedial action: This alarm indicates that all physical Ethernet links associated with a LAG are operationally down. The reasons for the links to be down may vary from link to link. The following possible causes of this alarm should be investigated. The physical port (near end or far end may have failed - this can be remedied by replacing the interface card in question. The physical links may have been turned down administratively - re-enable the links. A cable failure or disconnect may have occurred - please ensure that the cables are properly connected to the physical port and and that the cable has not been damaged.		

Table 39-43 LagPortAddFailed

Alarm	Attributes	Applicable major releases
Name: LagPortAddFailed (422) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.PhysicalPort	Severity: warning Implicitly cleared: true Default probable cause: linkDown (315)	<ul style="list-style-type: none"> • 6.3.4 • 6.4.2 • 6.4.3
Description: The alarm is raised when the Lag Port Add function Fails.		
Raising condition: (('state' EQUAL 'Link Down') AND ('LAG ID' > '0'))		
Clearing condition: (('state' NOT EQUAL 'Link Down') OR ('LAG ID' EQUAL '0'))		
Remedial action: A configuration error has occurred which must be corrected. The link that was to be added to the LAG group may be of the wrong type (i.e. non ethernet) or the limit of the number of links supported in a LAG may have been reached.		

Table 39-44 LicensedLimitExceeded

Alarm	Attributes	Applicable major releases
Name: LicensedLimitExceeded (127) Type: licensingAlarm (23) Package: security Raised on class: security.ProductLicense	Severity: critical Implicitly cleared: true Default probable cause: licensedLimitExceeded (106)	<ul style="list-style-type: none"> • 6.3.4 • 6.4.2 • 6.4.3
Description: The alarm is raised when the license items in the network exceeds 100 percent of the license capacity.		
Raising condition: ('Exceeded' EQUAL 'true')		
Clearing condition: ('Exceeded' NOT EQUAL 'true')		

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Alarm	Attributes	Applicable major releases
Remedial action: Informational - The number of SAM licenses purchased and available on the SAM server is insufficient as compared to the number of NEs/MDA/Cells under management in the network. Please contact Alcatel-Lucent Sales to purchase additional licenses.		

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Table 39-45 LinkDown (equipment)

Alarm	Attributes	Applicable major releases
Name: LinkDown (12) Type: communicationsAlarm (4) Package: equipment Raised on class: equipment.Equipment	Severity: major Implicitly cleared: true Default probable cause: portLinkProblem (10)	<ul style="list-style-type: none"> • 6.3.4 • 6.4.2 • 6.4.3
Description: The alarm is raised when a port has no associated physical link or remote end point is operationally down.		
Raising condition: (('compositeEquipmentState' EQUAL 'Link Down') OR ('compositeEquipmentState' EQUAL 'Oper Down'))		
Clearing condition: (('compositeEquipmentState' NOT EQUAL 'Link Down') AND ('compositeEquipmentState' NOT EQUAL 'Oper Down'))		
Remedial action: Please make sure that port has physical link and remote end point is operationally up.		

Table 39-46 LowTemperatureDetected

Alarm	Attributes	Applicable major releases
Name: LowTemperatureDetected (1127) Type: environmentalAlarm (2) Package: equipment Raised on class: equipment.Shelf	Severity: major Implicitly cleared: true Default probable cause: equipmentOvercooled (838)	<ul style="list-style-type: none"> • 6.3.4 • 6.4.2 • 6.4.3
Description: The alarm is raised when the chassis temperature falls below the minimum threshold.		
Raising condition: ('Low Temperature State' EQUAL 'Low')		
Clearing condition: ('Low Temperature State' NOT EQUAL 'Low')		
Remedial action: The NE has detected internal temperatures which are abnormally low. This may happen when the environment that the NE is operating in may not be within specifications found in the NE user guides.		

Table 39-47 LowTemperatureThresholdCrossed

Alarm	Attributes	Applicable major releases
Name: LowTemperatureThresholdCrossed (1128) Type: environmentalAlarm (2) Package: equipment Raised on class: equipment.Environment	Severity: major Implicitly cleared: true Default probable cause: equipmentOvercooled (838)	<ul style="list-style-type: none"> • 6.3.4 • 6.4.2 • 6.4.3
Description: The alarm is raised when a low-temperature threshold is crossed.		
Raising condition: ('lowTemperatureThresholdCrossed' EQUAL 'true')		
Clearing condition: ('lowTemperatureThresholdCrossed' EQUAL 'false')		
Remedial action: The NE has detected internal temperatures which are abnormally high. This could be caused by a failed fan unit or one or more dirty fan filters. Replacing the failed unit or filters should resolve the problem. Alternately the environment that the NE is operating in may not be within specifications found in the NE user guides.		

Table 39-48 LpsViolation

Alarm	Attributes	Applicable major releases
Name: LpsViolation (518) Type: learnedPortSecurityAlarm (51) Package: lps Raised on class: lps.LearnedPortSecurity	Severity: major Implicitly cleared: true Default probable cause: learnedPortSecurityViolation (393)	<ul style="list-style-type: none"> • 6.3.4 • 6.4.2 • 6.4.3
Description: The alarm is raised when the 5620 SAM detects an LPS violation.		
Raising condition: ('Operational State' EQUAL 'Security Violated')		
Clearing condition: ('Operational State' EQUAL 'Down')		
Remedial action: Port reset is required to return the port to normal operation.		

Table 39-49 macMoveRateExceeded (service)

Alarm	Attributes	Applicable major releases
Name: macMoveRateExceeded (3690) Type: accessInterfaceAlarm (40) Package: service Raised on class: service.AccessInterface	Severity: minor Implicitly cleared: true Default probable cause: MacMoveRateExceeded (1429)	<ul style="list-style-type: none"> • 6.3.4 • 6.4.2 • 6.4.3
Description: The alarm is raised when the SAP exceeds the MAC Move Frequency of the service site.		
Raising condition: ('State Cause'anyBit'Relearn Limit Exceeded')		
Clearing condition: NOT (('State Cause'anyBit'Relearn Limit Exceeded'))		
Remedial action: Informational.		

Table 39-50 macMoveRateExceededNonBlock (service)

Alarm	Attributes	Applicable major releases
Name: macMoveRateExceededNonBlock (4893) Type: accessInterfaceAlarm (40) Package: service Raised on class: service.AccessInterface	Severity: info Implicitly cleared: true Default probable cause: MacMoveRateExceededNonBlock (1951)	<ul style="list-style-type: none"> • 6.3.4 • 6.4.2 • 6.4.3
Description: The alarm is raised when the SAP exceeds the MAC Move Frequency of the service site when limitMacMove(sapTIsLimitMacMove) is set to 'nonBlocking'.		
Raising condition: ('State Cause'anyBit'Relearn Limit Exceeded')		
Clearing condition: NOT (('State Cause'anyBit'Relearn Limit Exceeded'))		
Remedial action: Informational - User can adjust the value of 'MAC Move Maximum Rate' to reduce the frequency of this alarm.		

Table 39-51 MepAISReceivedAlarm

Alarm	Attributes	Applicable major releases
Name: MepAISReceivedAlarm (2945) Type: oamAlarm (18) Package: ethernetOam Raised on class: ethernetOam.Mep	Severity: variable Implicitly cleared: true Default probable cause: missingRemoteMep (388)	<ul style="list-style-type: none"> • 6.3.4 • 6.4.2 • 6.4.3
Description: The alarm is raised when a MEP receives AIS test frames from one or more of its sub-layer MEPs.		
Raising condition: (('AIS Received (AisRx)' EQUAL 'true') AND ('Facility VLAN ID' EQUAL '0'))		
Clearing condition: ('AIS Received (AisRx)' EQUAL 'false')		
Remedial action: This alarm indicates that it has received a MEP fault from a sub-layer MEP, user should investigate the fault cause on the sub-layer MEP and resolve this root cause issue.		

Table 39-52 MobileConnectorDown

Alarm	Attributes	Applicable major releases
Name: MobileConnectorDown (1064) Type: EpcAlarm (59) Package: Iteservice Raised on class: Iteservice.MobileServiceConnector	Severity: minor Implicitly cleared: true Default probable cause: EpcDown (519)	<ul style="list-style-type: none"> • 6.3.4 • 6.4.2 • 6.4.3
Description: The alarm is raised when the 5620 SAM no longer manages the EPS path instance of this mobile service site. As a result, the service must be regenerated.		
Raising condition: ('EPS Path' EQUAL '\\"')		
Clearing condition: ('EPS Path' NOT EQUAL '\\"')		
Remedial action: The underlying transport network has gone down resulting in the deletion of a mobile service connector (EPS path). Correct the issue with the transport network and regenerate the mobile service connector by clicking on the re-calculate button on the mobile service properties form.		

Table 39-53 MvrSiteDown

Alarm	Attributes	Applicable major releases
Name: MvrSiteDown (162) Type: ProtocolAlarm (1) Package: layer2 Raised on class: layer2.MvrSite	Severity: warning Implicitly cleared: true Default probable cause: protocolDown (1)	<ul style="list-style-type: none"> • 6.3.4 • 6.4.2 • 6.4.3
Description: The alarm is raised when MVR is disabled on an NE and a TLS VLAN or MVR VLAN service is provisioned on the NE.		
Raising condition: ('MVR Admin Status' EQUAL 'Disabled')		
Clearing condition: ('MVR Admin Status' EQUAL 'Enabled')		
Remedial action: To clear the alarm, enable MVR Admin Status under the Bridge Instance.		

Table 39-54 NeManagementAndTrapManagementMismatch

Alarm	Attributes	Applicable major releases
Name: NeManagementAndTrapManagementMismatch (1079) Type: communicationsAlarm (4) Package: netw Raised on class: netw.NetworkElement	Severity: warning Implicitly cleared: true Default probable cause: neManagementChange (817)	<ul style="list-style-type: none"> • 6.3.4 • 6.4.2 • 6.4.3
Description: This user-defined alarm is raised when the NE configuration is one of the following: - The Active Management IP is set to Out Of Band, and the Primary Route Preference is set to In Band. - The Active Management IP is set to In Band, and the Primary Route Preference is set to Out of Band.		
Raising condition: (((('Active Management IP' EQUAL 'In Band') AND (('Management IP Selection' EQUAL 'In Band Preferred') OR ('Management IP Selection' EQUAL 'In Band Only'))) AND ('Primary Route Preference' EQUAL 'Out Of Band') AND ('Secondary Route Preference' EQUAL 'In Band')) OR (('Active Management IP' EQUAL 'Out Of Band') AND (('Management IP Selection' EQUAL 'Out Of Band Preferred') OR ('Management IP Selection' EQUAL 'Out Of Band Only'))) AND ('Primary Route Preference' EQUAL 'In Band') AND ('Secondary Route Preference' EQUAL 'Out Of Band'))		
Clearing condition: (((('Active Management IP' EQUAL 'In Band') AND (('Management IP Selection' EQUAL 'In Band Preferred') OR ('Management IP Selection' EQUAL 'In Band Only'))) AND ('Primary Route Preference' EQUAL 'In Band')) OR (('Active Management IP' EQUAL 'Out Of Band') AND (('Management IP Selection' EQUAL 'Out Of Band Preferred') OR ('Management IP Selection' EQUAL 'Out Of Band Only'))) AND ('Primary Route Preference' EQUAL 'Out Of Band'))		
Remedial action: A configuration error has been made which must be corrected. The parameters described in the description for this alarm must match.		

Table 39-55 NewSsh2ServerKeyDetected

Alarm	Attributes	Applicable major releases
Name: NewSsh2ServerKeyDetected (285) Type: communicationsAlarm (4) Package: security Raised on class: security.KnownHostKey	Severity: warning Implicitly cleared: true Default probable cause: ssh2ServerKeyMismatch (217)	<ul style="list-style-type: none"> • 6.3.4 • 6.4.2 • 6.4.3

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Alarm	Attributes	Applicable major releases
Description: The alarm is raised when a 5620 SAM main server detects a new public SSH key.		
Raising condition: ('SSH2 Server Key Status' EQUAL 'Mismatch SSH2 Host Key')		
Clearing condition: ('SSH2 Server Key Status' EQUAL 'Active SSH2 Host Key')		
Remedial action: Informational - possible security breach. The SSH key of the router is different from the one known to the SAM server.		

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Table 39-56 NodeDatabaseFallbackDetected

Alarm	Attributes	Applicable major releases
Name: NodeDatabaseFallbackDetected (2923) Type: communicationsAlarm (4) Package: netw Raised on class: netw.NetworkElement	Severity: major Implicitly cleared: true Default probable cause: nodeDatabaseFallback (1121)	<ul style="list-style-type: none"> • 6.3.4 • 6.4.2 • 6.4.3
Description: The alarm is raised when a configuration fallback is detected on the node and comes back up with a previous configuration. To correct this situation it might be necessary to reconfigure the node, or perform full resync its database with the 'fallback' configuration returned by the node.		
Raising condition: ('State' EQUAL 'Node Configuration Fallback')		
Clearing condition: ('State' EQUAL 'Managed')		
Remedial action: the NE has come back to a previous configuration. Perform a manual Full Resync or a Reconfigure of the NE		

Table 39-57 NodeDatabaseMisalignmentDetected

Alarm	Attributes	Applicable major releases
Name: NodeDatabaseMisalignmentDetected (2924) Type: communicationsAlarm (4) Package: netw Raised on class: netw.NetworkElement	Severity: major Implicitly cleared: true Default probable cause: nodeDatabaseMisalignment (1122)	<ul style="list-style-type: none"> • 6.3.4 • 6.4.2 • 6.4.3
Description: The alarm is raised when a configuration misalignment has been detected on the node and comes back up with an unexpected configuration (configuration change triggered by external tool) To correct this situation it might be necessary to reconfigure the node with the 5620 SAM's old configuration or accept the new configuration received from the node.		
Raising condition: ('State' EQUAL 'Node Configuration Misalignment')		
Clearing condition: ('State' EQUAL 'Managed')		
Remedial action: the NE configuration is misaligned. Perform a resync in order to update SAM configuration according to the NE.		

Table 39-58 NodeSuspended

Alarm	Attributes	Applicable major releases
Name: NodeSuspended (5123) Type: communicationsAlarm (4) Package: netw Raised on class: netw.NetworkElement	Severity: critical Implicitly cleared: true Default probable cause: NodeSuspend (2057)	<ul style="list-style-type: none"> • 6.3.4 • 6.4.2 • 6.4.3
Description: The alarm is raised when the 5620 SAM detects an NE moved to suspend state as per user request.		
Raising condition: ('SNMP Reachability' EQUAL 'Suspended')		
Clearing condition: ('SNMP Reachability' NOT EQUAL 'Suspended')		
Remedial action: This alarm is raised when user suspends the network element. The alarm will be cleared when the network element is managed back.		

Table 39-59 OrphanNodeDetected

Alarm	Attributes	Applicable major releases
Name: OrphanNodeDetected (4866) Type: discoveryControlAlarm (33) Package: netw Raised on class: netw.AdvertisedNode	Severity: major Implicitly cleared: true Default probable cause: nodeNotMangedByAnyEms (1934)	<ul style="list-style-type: none"> • 6.3.4 • 6.4.2 • 6.4.3
Description: The alarm is raised when node is node managed by any EMS after n retries(threshold crossed) it is manually cleared by the operator or when the node is discovered.		
Raising condition: ('State' EQUAL 'Orphan')		
Remedial action: The NE is not managed by any SAM. Add an discovery rule in order to managed it.		

Table 39-60 OverTemperatureDetected

Alarm	Attributes	Applicable major releases
Name: OverTemperatureDetected (388) Type: environmentalAlarm (2) Package: equipment Raised on class: equipment.Shelf	Severity: major Implicitly cleared: true Default probable cause: equipmentOverheated (5)	<ul style="list-style-type: none"> • 6.3.4 • 6.4.2 • 6.4.3
Description: The alarm is raised when the chassis temperature exceeds the maximum threshold value.		
Raising condition: ('Over Temperature State' EQUAL 'Over')		
Clearing condition: ('Over Temperature State' NOT EQUAL 'Over')		
Remedial action: The NE has detected internal temperatures which are abnormally high. This could be caused by a failed fan unit or one or more dirty fan filters. Replacing the failed unit or filters should resolve the problem. Alternately the environment that the NE is operating in may not be within specifications found in the NE user guides.		

Table 39-61 PartialResyncProblem

Alarm	Attributes	Applicable major releases
Name: PartialResyncProblem (4401) Type: communicationsAlarm (4) Package: netw Raised on class: netw.NetworkElement	Severity: warning Implicitly cleared: true Default probable cause: partialResyncProblem (1578)	<ul style="list-style-type: none"> • 6.3.4 • 6.4.2 • 6.4.3
Description: The alarm is raised when a partial resync on an NE fails. For example, when resyncing only some MIB entries as opposed to a full resync. The periodic reachability test (sysUpTime) is not considered a partial resync, neither is a full resync. However, a PartialResyncProblem alarm can only be reset by a FullResync.		
Raising condition: ('partialResyncStatus' EQUAL 'Partial Resync Failed')		
Clearing condition: ('partialResyncStatus' EQUAL 'Partial Resync Done')		
Remedial action: Informational - if the alarm persists or is occurring frequently then investigation is required to understand a) why the underlying transport network is unreliable or b) why the NE is too busy to respond to 5620 SAM or c) has SNMP been disabled on the NE.		

Table 39-62 PersistentIndexParametersMisconfigured

Alarm	Attributes	Applicable major releases
Name: PersistentIndexParametersMisconfigured (173) Type: configurationAlarm (11) Package: netw Raised on class: netw.NetworkElement	Severity: major Implicitly cleared: true Default probable cause: persistentIndexConfigurationMismatch (136)	<ul style="list-style-type: none"> • 6.3.4 • 6.4.2 • 6.4.3
Description: The alarm is raised when persistence is set to Off in the NE BOF.		
Raising condition: (('Persistent SNMP Indices' EQUAL 'False') OR (('hasRedundantProcessorCards' EQUAL 'true') AND ('Redundant Synchronization Mode' EQUAL 'None')))		
Clearing condition: (('Persistent SNMP Indices' EQUAL 'True') AND (('hasRedundantProcessorCards' EQUAL 'false') OR ('Redundant Synchronization Mode' NOT EQUAL 'None')))		
Remedial action: A configuration error has occurred that must be corrected. Use the CLI on the NE to enable persistency in the BOF. The discovery process will complete on the next discovery scan. A re-scan can be triggered immediately for the NE from within the discovery manager		

Table 39-63 PimDown

Alarm	Attributes	Applicable major releases
Name: PimDown (184) Type: ProtocolAlarm (1) Package: pim Raised on class: pim.Site	Severity: critical Implicitly cleared: true Default probable cause: protocolDown (1)	<ul style="list-style-type: none"> • 6.3.4 • 6.4.2 • 6.4.3
Description: The alarm is raised when a PIM site is administratively Up but operationally Down. The alarm is cleared when the PIM site becomes operationally Up but administratively Down.		

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Alarm	Attributes	Applicable major releases
Raising condition: (('Administrative State' EQUAL 'Up') AND ('Operational State' NOT EQUAL 'Up'))		
Clearing condition: (('Operational State' EQUAL 'Up') OR ('Administrative State' NOT EQUAL 'Up'))		
Remedial action: This should never happen. Contact Alcatel-Lucent Customer Support for assistance.		

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Table 39-64 PollerProblem

Alarm	Attributes	Applicable major releases
Name: PollerProblem (31) Type: communicationsAlarm (4) Package: netw Raised on class: netw.NetworkElement	Severity: warning Implicitly cleared: true Default probable cause: resyncFailed (24)	<ul style="list-style-type: none"> • 6.3.4 • 6.4.2 • 6.4.3
Description: The alarm is raised when the 5620 SAM is unable to poll a network object, for example, because of intermittent or no IP connectivity to an NE, incorrect SNMP security parameters, or disabled SNMP on the NE.		
Raising condition: ('Resync Status' EQUAL 'Full Resync Failed')		
Clearing condition: ('Resync Status' EQUAL 'Full Resync Done')		
Remedial action: Informational - if the alarm persists or is occurring frequently then investigation is required to understand a) why the underlying transport network is unreliable or b) why the NE is too busy to respond to 5620 SAM or c) has SNMP been disabled on the NE. Once the issue has been resolved SAM will automatically re-attempt.		

Table 39-65 PortEtherSymMonSDAlarm

Alarm	Attributes	Applicable major releases
Name: PortEtherSymMonSDAlarm (5662) Type: communicationsAlarm (4) Package: ethernetequipment Raised on class: ethernetequipment.EthernetPortSpecifics	Severity: major Implicitly cleared: true Default probable cause: etherPortSymMonSDThresholdExceededAlarm (2439)	<ul style="list-style-type: none"> • 6.3.4 • 6.4.2 • 6.4.3
Description: The alarm is raised when an Ethernet port Symbol Monitor Failure alarm condition is detected (Signal Degradation Threshold exceeded).		
Raising condition: ('Symbol Alarm Reason' EQUAL 'SD Threshold Exceeded')		
Clearing condition: ('Symbol Alarm Reason' NOT EQUAL 'SD Threshold Exceeded')		
Remedial action: Symbol monitor signal degradation alarm could be cleared by changing/disabling the associated threshold/multiplier values or it is self clearing and will clear once the error rate drops below 1/10th of the configured rate.		

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Table 39-66 PortEtherSymMonSFAlarm

Alarm	Attributes	Applicable major releases
Name: PortEtherSymMonSFAlarm (5663) Type: communicationsAlarm (4) Package: ethernetequipment Raised on class: ethernetequipment.EthernetPortSpecifics	Severity: major Implicitly cleared: true Default probable cause: etherPortSymMonSFThresholdExceededAlarm (2440)	<ul style="list-style-type: none"> • 6.3.4 • 6.4.2 • 6.4.3
Description: The alarm is raised when an Ethernet port Symbol Monitor Failure alarm condition is detected (Signal Failure Threshold exceeded).		
Raising condition: ('Symbol Alarm Reason' EQUAL 'SF Threshold Exceeded')		
Clearing condition: ('Symbol Alarm Reason' NOT EQUAL 'SF Threshold Exceeded')		
Remedial action: Symbol monitor signal failure alarm could be cleared by changing/disabling the associated threshold/multiplier values or by taking the port out of service (eg. shutdown, card/mda reset, physical link loss).		

Table 39-67 PowerSupplyFailure

Alarm	Attributes	Applicable major releases
Name: PowerSupplyFailure (633) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.PowerSupplyTray	Severity: critical Implicitly cleared: true Default probable cause: powerSupplyFailure (117)	<ul style="list-style-type: none"> • 6.3.4 • 6.4.2 • 6.4.3
Description: The alarm is raised when a power-supply tray reports a failure. When the alarm is raised during device discovery, a power-supply tray may be out of service. When the alarm is raised while the device is in the managed state, a power-supply tray may be out of service or the AC power shelf has a fault condition. The alarm clears when the status changes to OK.		
Raising condition: (('Power Supply 1 Status' EQUAL 'Not Equipped') OR ('Power Supply 1 Status' EQUAL 'Failed'))		
Clearing condition: (('Power Supply 1 Status' EQUAL 'OK'))		
Remedial action: Ensure that the NE is properly connected to power. If the problem persists please contact Alcatel-Lucent support for assistance.		

Table 39-68 PowerSupplyInputFeedDown

Alarm	Attributes	Applicable major releases
Name: PowerSupplyInputFeedDown (5422) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.PowerSupplyTray	Severity: minor Implicitly cleared: true Default probable cause: powerSupplyInputFeedDown (2073)	<ul style="list-style-type: none"> • 6.3.4 • 6.4.2 • 6.4.3
Description: This alarm is generated if any one of the input feeds for a given power supply is not supplying power.		
Raising condition: (('inputFeedStatus' EQUAL 'Input A Down') OR ('inputFeedStatus' EQUAL 'Input B Down') OR (('inputFeedStatus'allBits'Input A Down') AND ('inputFeedStatus'allBits'Input B Down'))		

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Alarm	Attributes	Applicable major releases
Clearing condition: ('inputFeedStatus' EQUAL 'None')		
Remedial action: Restore all of the input feeds that are not supplying power.		

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Table 39-69 PowerSupplyRemoved

Alarm	Attributes	Applicable major releases
Name: PowerSupplyRemoved (542) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.PowerSupplyTray	Severity: major Implicitly cleared: true Default probable cause: PowerSupplyRemoved (415)	<ul style="list-style-type: none"> • 6.3.4 • 6.4.2 • 6.4.3
Description: The alarm is raised when a chassis power supply is removed.		
Raising condition: ('Power Supply 1 Status' EQUAL 'Not Equipped')		
Clearing condition: ('Power Supply 1 Status' NOT EQUAL 'Not Equipped')		
Remedial action: To recover from this event, the customer is requested to add a new power supply to the system, or change a faulty power supply with a working one.		

Table 39-70 PrimaryImageBootFailure

Alarm	Attributes	Applicable major releases
Name: PrimaryImageBootFailure (191) Type: configurationAlarm (11) Package: sw Raised on class: sw.CardSoftware	Severity: warning Implicitly cleared: true Default probable cause: bootOptionFileMisconfigured (150)	<ul style="list-style-type: none"> • 6.3.4 • 6.4.2 • 6.4.3
Description: The alarm is raised when the primary software image specified in an NE BOF is unusable.		
Raising condition: (('imageSource' NOT EQUAL 'Primary') AND ('imageSource' NOT EQUAL 'Unknown'))		
Clearing condition: (('imageSource' EQUAL 'Primary') OR ('imageSource' EQUAL 'Unknown'))		
Remedial action: The SW image on the NE may have been inadvertently corrupted. Download a new copy of the SW image to the NE. If the problem persists contact Alcatel-Lucent support for assistance.		

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Table 39-71 RadiusOperStatusDown

Alarm	Attributes	Applicable major releases
Name: RadiusOperStatusDown (3692) Type: radiusOperStatusDownAlarm (105) Package: netw Raised on class: netw.NetworkElement	Severity: critical Implicitly cleared: true Default probable cause: radiusOperationStatusDown (1431)	<ul style="list-style-type: none"> • 6.3.4 • 6.4.2 • 6.4.3
Description: The alarm is raised when all RADIUS servers have gone down.		
Raising condition: ('Global RADIUS Operational State' EQUAL 'Down')		
Clearing condition: ('Global RADIUS Operational State' EQUAL 'Up')		
Remedial action: Verify the RADIUS server is properly configured and radius server state is up. Check the connectivity between SAM server and radius server configured on the Network element.		

Table 39-72 ReachabilityProblem

Alarm	Attributes	Applicable major releases
Name: ReachabilityProblem (243) Type: communicationsAlarm (4) Package: netw Raised on class: netw.NetworkElement	Severity: major Implicitly cleared: true Default probable cause: ReachabilityTestFailed (176)	<ul style="list-style-type: none"> • 6.3.4 • 6.4.2 • 6.4.3
Description: The alarm is raised when a mediation poll of the SysUpTimeAlarm object on an NE fails, for example, because of network congestion or because the NE is too busy to respond. The probable cause is an unreachable NE Mediation agent on the NE. The polling interval depends on the NE type and is configurable in nms-server.xml. By default, the 5620 SAM polls a managed NE every four minutes. If a poll fails, the alarm is raised. The alarm clears when the 5620 SAM receives a response from the NE, and the 5620 SAM GUI icon that represents the NE turns from red to green.		
Raising condition: ('SNMP Reachability' EQUAL 'Down')		
Remedial action: Informational - if the alarm persists or is occurring frequently then investigation is required to understand a) why the underlying transport network is unreliable or b) why the NE is too busy to respond to 5620 SAM or c) has SNMP been disabled on the NE. Once the issue has been resolved SAM will automatically re-attempt.		

Table 39-73 ReconfigFailure

Alarm	Attributes	Applicable major releases
Name: ReconfigFailure (1949) Type: communicationsAlarm (4) Package: netw Raised on class: netw.NetworkElement	Severity: critical Implicitly cleared: true Default probable cause: failedReconfig (937)	<ul style="list-style-type: none"> • 6.3.4 • 6.4.2 • 6.4.3
Description: This alarm is raised when the reconfig action failed.		
Raising condition: ('State' EQUAL 'Failed')		
Clearing condition: ('State' NOT EQUAL 'Failed')		

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Alarm	Attributes	Applicable major releases
Remedial action: Verify that the object is configured as expected.		

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Table 39-74 RedundantMepMisconfiguration

Alarm	Attributes	Applicable major releases
Name: RedundantMepMisconfiguration (3631) Type: oamAlarm (18) Package: ethernetToam Raised on class: ethernetToam.Mep	Severity: minor Implicitly cleared: true Default probable cause: misconfiguredRedundantMep (1416)	<ul style="list-style-type: none"> • 6.3.4 • 6.4.2 • 6.4.3
Description: The alarm is raised when an Active and Redundant MEP do not have the same ID, Operational MAC Address or Sub Group configured.		
Raising condition: ('validRedundantMepConfig' EQUAL 'false')		
Clearing condition: ('validRedundantMepConfig' EQUAL 'true')		
Remedial action: MC-LAG redundant MEP configuration (MEP ID or Mac Address) for Active & Standby Interfaces do not match, this could cause issues with CFM or CCM tests if Active interface changes. Delete and Re-create Standby MEP to match Active.		

Table 39-75 RedundantMepMissing

Alarm	Attributes	Applicable major releases
Name: RedundantMepMissing (3632) Type: oamAlarm (18) Package: ethernetToam Raised on class: ethernetToam.Mep	Severity: minor Implicitly cleared: true Default probable cause: missingRedundantMep (1417)	<ul style="list-style-type: none"> • 6.3.4 • 6.4.2 • 6.4.3
Description: The alarm is raised when a MEP misses a redundant counterpart on LAG or SAP.		
Raising condition: (('MC-LAG Inactive' NOT EQUAL 'Not Applicable') AND ('Redundant MEP' EQUAL '\'))		
Clearing condition: (('MC-LAG Inactive' EQUAL 'Not Applicable') OR (('MC-LAG Inactive' NOT EQUAL 'Not Applicable') AND ('Redundant MEP' NOT EQUAL '\')))		
Remedial action: MC-LAG redundant MEP is missing Active & Standby Interfaces, this will cause issues with CFM or CCM tests if Active interface changes. Create missing Active/Standby MEP to match existing.		

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Table 39-76 RemoteMepCCMAAlarm

Alarm	Attributes	Applicable major releases
Name: RemoteMepCCMAAlarm (502) Type: oamAlarm (18) Package: ethernetOam Raised on class: ethernetOam.Mep	Severity: major Implicitly cleared: true Default probable cause: missingRemoteMep (388)	<ul style="list-style-type: none"> • 6.3.4 • 6.4.2 • 6.4.3
Description: The alarm is raised when a MEP loses connectivity with one or more remote MEPs. The Remote MEP DB State tab on a MEP lists the missing remote MEPs.		
Raising condition: ('High-Priority Defect' NOT EQUAL '0')		
Clearing condition: ('High-Priority Defect' EQUAL '0')		
Remedial action: MEP has lost communication with Remote MEP defined in Maintenance Association (MEG) Remote MEP list, Either Remote MEP list is incorrect or diagnose connection fault and resolve.		

Table 39-77 RipDown

Alarm	Attributes	Applicable major releases
Name: RipDown (72) Type: ProtocolAlarm (1) Package: rip Raised on class: rip.Site	Severity: critical Implicitly cleared: true Default probable cause: protocolDown (1)	<ul style="list-style-type: none"> • 6.3.4 • 6.4.2 • 6.4.3
Description: The alarm is raised when a RIP site has an Operational State other than Up, and the Administrative State is Up.		
Raising condition: (('Administrative State' EQUAL 'Up') AND ('Operational State' NOT EQUAL 'Up'))		
Clearing condition: (('Operational State' EQUAL 'Up') OR ('Administrative State' NOT EQUAL 'Up'))		
Remedial action: The RIP Site is down while it is administratively up. Please check the node e.g. IOM is not shutdown or installed.		

Table 39-78 SaveConfigFailed

Alarm	Attributes	Applicable major releases
Name: SaveConfigFailed (105) Type: configurationAlarm (11) Package: sw Raised on class: sw.BackupRestoreManager	Severity: major Implicitly cleared: true Default probable cause: fileAccessError (90)	<ul style="list-style-type: none"> • 6.3.4 • 6.4.2 • 6.4.3
Description: The alarm is raised when the admin save command on an NE fails.		
Raising condition: ('Config Save State' EQUAL 'Failure')		
Clearing condition: ('Config Save State' EQUAL 'Success')		
Remedial action: Attempt the admin save command a second time. If the problem persists please contact Alcatel-Lucent support for assistance.		

Table 39-79 ScheduledPollerProblem

Alarm	Attributes	Applicable major releases
Name: ScheduledPollerProblem (4386) Type: communicationsAlarm (4) Package: netw Raised on class: netw.NetworkElement	Severity: warning Implicitly cleared: true Default probable cause: scheduledResyncFailed (1569)	<ul style="list-style-type: none"> • 6.3.4 • 6.4.2 • 6.4.3
Description: The alarm is raised when the 5620 SAM is unable to poll a network object, for example, because of intermittent or no IP connectivity to an NE, incorrect SNMP security parameters, or disabled SNMP on the NE.		
Raising condition: ('Scheduled Resync Status' EQUAL 'Scheduled Resync Failed')		
Clearing condition: ('Scheduled Resync Status' EQUAL 'Scheduled Resync Done')		
Remedial action: Informational - if the alarm persists or is occurring frequently then investigation is required to understand a) why the underlying transport network is unreliable or b) why the NE is too busy to respond to 5620 SAM or c) has SNMP been disabled on the NE. Once the issue has been resolved SAM will automatically re-attempt.		

Table 39-80 ServiceSiteDown

Alarm	Attributes	Applicable major releases
Name: ServiceSiteDown (97) Type: serviceAlarm (16) Package: service Raised on class: service.Site	Severity: critical Implicitly cleared: true Default probable cause: siteDown (83)	<ul style="list-style-type: none"> • 6.3.4 • 6.4.2 • 6.4.3
Description: The alarm is raised when all SAPs on a site are operationally down, or when the service tunnels for the site are operationally down.		
Raising condition: (('Operational State' NOT EQUAL 'Up') AND ('State Cause' NOT EQUAL 'All Spoke SDP Bindings are Standby'))		
Clearing condition: (('Operational State' EQUAL 'Up') OR ('State Cause' EQUAL 'All Spoke SDP Bindings are Standby'))		
Remedial action: The network resources (i.e. physical ports for SAPs, or physical ports/LSP) associated with the service site should be examined to determine if/why they are operationally down. The underlying transport network supporting the site may also be unreliable.		

Table 39-81 SiteManagementVlanConflict

Alarm	Attributes	Applicable major releases
Name: SiteManagementVlanConflict (223) Type: configurationAlarm (11) Package: vlan Raised on class: vlan.Site	Severity: warning Implicitly cleared: true Default probable cause: topologyMisconfigured (81)	<ul style="list-style-type: none"> • 6.3.4 • 6.4.2 • 6.4.3
Description: The alarm is raised when the management VLAN ID is used for another type of service.		
Raising condition: ('managementVlanConflict' EQUAL 'true')		
Clearing condition: ('managementVlanConflict' EQUAL 'false')		

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Alarm	Attributes	Applicable major releases
Remedial action: Ensure that the VLAN ID of this Management Service Site is not used on any other type of VLAN Service Site.		

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Table 39-82 SiteVlanSubTypeConflict

Alarm	Attributes	Applicable major releases
Name: SiteVlanSubTypeConflict (224) Type: configurationAlarm (11) Package: vlan Raised on class: vlan.Site	Severity: major Implicitly cleared: true Default probable cause: topologyMisconfigured (81)	<ul style="list-style-type: none"> • 6.3.4 • 6.4.2 • 6.4.3
Description: The alarm is raised when more than one type of VLAN service has the same VLAN ID. The alarm is raised against a site.		
Raising condition: ('vlanSubTypeConflict' EQUAL 'true')		
Clearing condition: ('vlanSubTypeConflict' EQUAL 'false')		
Remedial action: Ensure that only one type of VLAN Service is configured with the VLAN ID used by this Site.		

Table 39-83 StatsRetrieveFailed

Alarm	Attributes	Applicable major releases
Name: StatsRetrieveFailed (244) Type: configurationAlarm (11) Package: sw Raised on class: sw.AccountingStatsRetrievalManager	Severity: major Implicitly cleared: false Default probable cause: fileTransferFailure (89)	<ul style="list-style-type: none"> • 6.3.4 • 6.4.2 • 6.4.3
Description: The alarm is raised when the 5620 SAM main or auxiliary server cannot transfer an accounting file from an NE.		
Raising condition: (('Stats Retrieval State' NOT EQUAL 'Success') AND ('Stats Retrieval State' NOT EQUAL 'Not Attempted'))		
Remedial action: Informational - if the alarm persists or is occurring frequently then investigation is required to understand a) why the underlying transport network is unreliable or b) why the NE is too busy or otherwise cannot respond to the 5620 SAM main or auxiliary server.		

Table 39-84 SubscriberSystemNextHopUsageHigh

Alarm	Attributes	Applicable major releases
Name: SubscriberSystemNextHopUsageHigh (5157) Type: thresholdCrossed (6) Package: netw Raised on class: netw.NetworkElement	Severity: minor Implicitly cleared: true Default probable cause: resourceFull (53)	<ul style="list-style-type: none"> • 6.3.4 • 6.4.2 • 6.4.3

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Alarm	Attributes	Applicable major releases
Description: The alarm is raised when the IP next-hop usage by subscriber managed routes reaches its high watermark, cleared when it reaches its low watermark again; the watermarks are derived from the limit specified with the property subSysNextHopLimit.		
Raising condition: ('IP Next Hop Usage High' EQUAL 'true')		
Clearing condition: ('IP Next Hop Usage High' EQUAL 'false')		
Remedial action: The alarm is raised when the IP next-hop usage by subscriber managed routes reaches its high watermark, cleared when it reaches its low watermark again; the watermarks are derived from the limit specified with the property subSysNextHopLimit. There is no immediate effect, but when the usage actually hits the limit, new hosts will not get their managed routes.		

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Table 39-85 SubSysChassMemoryUsageHi

Alarm	Attributes	Applicable major releases
Name: SubSysChassMemoryUsageHi (5656) Type: thresholdCrossed (6) Package: equipment Raised on class: equipment.Shelf	Severity: minor Implicitly cleared: true Default probable cause: resourceFull (53)	<ul style="list-style-type: none"> • 6.3.4 • 6.4.2 • 6.4.3
Description: This alarm is raised when the memory usage by subscriber management on this system or chassis reaches its high watermark ('true').		
Raising condition: ('Memory Usage High' EQUAL 'True')		
Clearing condition: (('Memory Usage High' EQUAL 'False') OR ('Memory Usage High' EQUAL 'unspecified'))		
Remedial action: The memory usage by subscriber management on this system has reached its high watermark. Please check your memory usage.		

Table 39-86 TemperatureThresholdCrossed

Alarm	Attributes	Applicable major releases
Name: TemperatureThresholdCrossed (7) Type: environmentalAlarm (2) Package: equipment Raised on class: equipment.Environment	Severity: major Implicitly cleared: true Default probable cause: equipmentOverheated (5)	<ul style="list-style-type: none"> • 6.3.4 • 6.4.2 • 6.4.3
Description: The alarm is raised when a temperature crosses a threshold.		
Raising condition: ('temperatureThresholdCrossed' EQUAL 'true')		
Clearing condition: ('temperatureThresholdCrossed' EQUAL 'false')		
Remedial action: The NE has detected internal temperatures which are abnormally high. This could be caused by a failed fan unit or one or more dirty fan filters. Replacing the failed unit or filters should resolve the problem. Alternately the environment that the NE is operating in may not be within specifications found in the NE user guides.		

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Table 39-87 TlsSiteDown

Alarm	Attributes	Applicable major releases
Name: TlsSiteDown (163) Type: ProtocolAlarm (1) Package: layer2 Raised on class: layer2.TlsSite	Severity: warning Implicitly cleared: true Default probable cause: protocolDown (1)	<ul style="list-style-type: none"> • 6.3.4 • 6.4.2 • 6.4.3
Description: The alarm is raised when MVR is disabled on an NE and a TLS VLAN or MVR VLAN service is provisioned on the NE.		
Raising condition: ('TLS Admin Status' EQUAL 'Disabled')		
Clearing condition: ('TLS Admin Status' EQUAL 'Enabled')		
Remedial action: To clear the alarm, enable TLS Admin Status under the Bridge Instance.		

Table 39-88 TmnxEqPortEtherLoopDetected

Alarm	Attributes	Applicable major releases
Name: TmnxEqPortEtherLoopDetected (461) Type: portEtherLoopDetected (48) Package: ethernetequipment Raised on class: ethernetequipment.EthernetPortSpecifics	Severity: major Implicitly cleared: true Default probable cause: HighBer (238)	<ul style="list-style-type: none"> • 6.3.4 • 6.4.2 • 6.4.3
Description: The alarm is raised when a device detects a physical loop on an Ethernet port.		
Raising condition: (('Down When Looped Status' EQUAL 'Loop Detected'))		
Clearing condition: (('Down When Looped Status' EQUAL 'No Loop Detected'))		
Remedial action: An Ethernet port has been mis-cabled - please remove the loopback cable on the port.		

Table 39-89 TrapDestinationMisconfigured

Alarm	Attributes	Applicable major releases
Name: TrapDestinationMisconfigured (33) Type: configurationAlarm (11) Package: netw Raised on class: netw.NetworkElement	Severity: major Implicitly cleared: true Default probable cause: trapDestinationMisconfigured (26) Applicable probable causes: <ul style="list-style-type: none"> • trapDestinationMisconfigured • duplicateTrapLogId 	<ul style="list-style-type: none"> • 6.3.4 • 6.4.2 • 6.4.3
Description: The alarm is raised when the 5620 SAM cannot be added to the NE's SNMP trap destinations.		
Raising condition: ('isTrapDestinationMisconfigured' EQUAL 'true')		
Clearing condition: ('isTrapDestinationMisconfigured' EQUAL 'false')		

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Alarm	Attributes	Applicable major releases
Remedial action: A configuration error has been made which must be corrected. The SNMP trap destination on the NE must be configured to the IP address of the SAM server.		

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Table 39-90 TrapReceivingFailure

Alarm	Attributes	Applicable major releases
Name: TrapReceivingFailure (1083) Type: communications (87) Package: netw Raised on class: netw.NetworkElement	Severity: major Implicitly cleared: false Default probable cause: trapsWillNotBeSent (822)	<ul style="list-style-type: none"> • 6.3.4 • 6.4.2 • 6.4.3
Description: This user-defined alarm is raised when the NE is unable to send traps because the NE configuration is one of the following: - The Management IP Selection is set to Out Of Band Only, the Primary Route Preference is set to In Band, and the Secondary Route Preference is set to None. - The Management IP Selection is set to In Band Only, the Primary Route Preference is set to Out Of Band, and the Secondary Route Preference is set to None.		
Raising condition: (((('Active Management IP' EQUAL 'In Band') AND ('Management IP Selection' EQUAL 'In Band Only') AND ('Primary Route Preference' EQUAL 'Out Of Band') AND ('Secondary Route Preference' EQUAL 'None')) OR (('Active Management IP' EQUAL 'Out Of Band') AND ('Management IP Selection' EQUAL 'Out Of Band Only') AND ('Primary Route Preference' EQUAL 'In Band') AND ('Secondary Route Preference' EQUAL 'None')) OR (('Active Management IP' EQUAL 'Out Of Band') AND ('Management IP Selection' EQUAL 'In Band Preferred') AND ('Primary Route Preference' EQUAL 'In Band') AND ('Secondary Route Preference' EQUAL 'None')) OR (('Active Management IP' EQUAL 'In Band') AND ('Management IP Selection' EQUAL 'Out Of Band Preferred') AND ('Primary Route Preference' EQUAL 'Out Of Band') AND ('Secondary Route Preference' EQUAL 'None'))))		
Clearing condition: (((('Active Management IP' EQUAL 'In Band') AND ('Management IP Selection' EQUAL 'In Band Only') AND (('Primary Route Preference' EQUAL 'In Band') OR ('Secondary Route Preference' EQUAL 'In Band')) OR (('Active Management IP' EQUAL 'Out Of Band') AND ('Management IP Selection' EQUAL 'Out Of Band Only') AND (('Primary Route Preference' EQUAL 'Out Of Band') OR ('Secondary Route Preference' EQUAL 'Out Of Band')) OR (('Active Management IP' EQUAL 'Out Of Band') AND ('Management IP Selection' EQUAL 'In Band Preferred') AND ('Primary Route Preference' EQUAL 'Out Of Band') OR ('Secondary Route Preference' EQUAL 'Out Of Band')) OR (('Active Management IP' EQUAL 'In Band') AND ('Management IP Selection' EQUAL 'In Band Preferred') AND (('Primary Route Preference' EQUAL 'In Band') OR ('Secondary Route Preference' EQUAL 'In Band')) OR (('Active Management IP' EQUAL 'In Band') AND ('Management IP Selection' EQUAL 'Out Of Band Preferred') AND (('Primary Route Preference' EQUAL 'In Band') OR ('Secondary Route Preference' EQUAL 'In Band')) OR (('Active Management IP' EQUAL 'Out Of Band') AND ('Management IP Selection' EQUAL 'Out Of Band Preferred') AND (('Primary Route Preference' EQUAL 'Out Of Band') OR ('Secondary Route Preference' EQUAL 'Out Of Band'))))		
Remedial action: A configuration error has been made which must be corrected. The configuration error must be corrected per the discussion in the description for this alarm.		

Table 39-91 TrapRoutePreferenceRedundancyMissing

Alarm	Attributes	Applicable major releases
Name: TrapRoutePreferenceRedundancyMissing (1084) Type: communications (87) Package: netw Raised on class: netw.NetworkElement	Severity: warning Implicitly cleared: true Default probable cause: trapsRedundancyMissing (823)	<ul style="list-style-type: none"> • 6.3.4 • 6.4.2 • 6.4.3
Description: The user-defined alarm is raised when NE management redundancy is configured without trap route preference redundancy.		

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Alarm	Attributes	Applicable major releases
Raising condition: (((('Management IP Selection' EQUAL 'In Band Preferred') AND ('Active Management IP' EQUAL 'In Band') AND ('Primary Route Preference' EQUAL 'In Band') AND ('Secondary Route Preference' EQUAL 'None')) OR (('Management IP Selection' EQUAL 'Out Of Band Preferred') AND ('Active Management IP' EQUAL 'Out Of Band') AND ('Primary Route Preference' EQUAL 'Out Of Band') AND ('Secondary Route Preference' EQUAL 'None'))))		
Clearing condition: (((('Management IP Selection' EQUAL 'In Band Preferred') AND ('Active Management IP' EQUAL 'In Band') AND ('Secondary Route Preference' NOT EQUAL 'None')) OR (('Management IP Selection' EQUAL 'Out Of Band Preferred') AND ('Active Management IP' EQUAL 'Out Of Band') AND ('Secondary Route Preference' NOT EQUAL 'None'))))		
Remedial action: A configuration error has been made which must be corrected. The IP address of the standby SAM server must be configured on the NE in question.		

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Table 39-92 UnidentifiedNode

Alarm	Attributes	Applicable major releases
Name: UnidentifiedNode (1922) Type: communicationsAlarm (4) Package: netw Raised on class: netw.DiscoveredNode	Severity: major Implicitly cleared: true Default probable cause: unidentifiedNode (922)	<ul style="list-style-type: none"> • 6.3.4 • 6.4.2 • 6.4.3
Description: The alarm is raised when the node being discovered can not be properly identified.		
Raising condition: ('State' EQUAL 'Pending Identification')		
Clearing condition: ('State' NOT EQUAL 'Pending Identification')		
Remedial action: A configuration error has occurred that must be corrected. The eNodeB does not have a system name. The name can be configured by selecting the alarm, opening the associated properties form for the alarmed object and configuring the system name.		

Table 39-93 UnmanageFailed

Alarm	Attributes	Applicable major releases
Name: UnmanageFailed (300) Type: discoveryControlAlarm (33) Package: netw Raised on class: netw.NodeDiscoveryControl	Severity: warning Implicitly cleared: true Default probable cause: unableToDeleteNode (231)	<ul style="list-style-type: none"> • 6.3.4 • 6.4.2 • 6.4.3
Description: The alarm is raised when an attempt to unmanage an NE fails.		
Raising condition: ('Site State' EQUAL 'Unmanage Failed')		
Clearing condition: ('Site State' NOT EQUAL 'Unmanage Failed')		
Remedial action: Informational - if the alarm persists please contact Alcatel-Lucent support for assistance		

Table 39-94 UpgradedBuildVersionMismatch

Alarm	Attributes	Applicable major releases
Name: UpgradedBuildVersionMismatch (174) Type: configurationAlarm (11) Package: netw Raised on class: netw.NetworkElement	Severity: warning Implicitly cleared: true Default probable cause: upgradedImageNotBooted (137)	<ul style="list-style-type: none"> • 6.3.4 • 6.4.2 • 6.4.3
Description: The alarm is raised when the software version that an NE reports after a software upgrade does not match the version of the software used for the upgrade.		
Raising condition: ('upgradedBuildVersionMismatch' EQUAL 'true')		
Clearing condition: ('upgradedBuildVersionMismatch' EQUAL 'false')		
Remedial action: Informational - if the alarm persists please contact Alcatel-Lucent support for assistance		

Table 39-95 upgradedCardAlarm

Alarm	Attributes	Applicable major releases
Name: upgradedCardAlarm (255) Type: softwareAlarm (19) Package: equipment Raised on class: equipment.Card	Severity: warning Implicitly cleared: true Default probable cause: upgradedCard (194)	<ul style="list-style-type: none"> • 6.3.4 • 6.4.2 • 6.4.3
Description: The alarm is raised when the standby CPM is rebooted and operational after a software upgrade. A device resets an IOM automatically after 120 minutes if the IOM is not manually reset after a CPM upgrade.		
Raising condition: ('operationalState' EQUAL 'Upgrade')		
Clearing condition: ('operationalState' EQUAL 'Up')		
Remedial action: Informational - no corrective action required.		

Table 39-96 VersionConfigRestoreFailed

Alarm	Attributes	Applicable major releases
Name: VersionConfigRestoreFailed (536) Type: configurationAlarm (11) Package: sw Raised on class: sw.BackupRestoreManager	Severity: major Implicitly cleared: true Default probable cause: versionMismatch (405)	<ul style="list-style-type: none"> • 6.3.4 • 6.4.2 • 6.4.3
Description: The alarm is raised when the restore procedure on an NE fails because of a mismatch between the backup file set version and the NE software version.		
Raising condition: ('lastNmsVersionRestoreState' EQUAL 'Failure')		
Clearing condition: ('lastNmsVersionRestoreState' EQUAL 'Success')		
Remedial action: The backup files being restored do not match with the version of node software release. Download a new copy of the SW image to the NE. If the problem persists contact Alcatel-Lucent support for assistance.		

Table 39-97 WrongCpaaSoftwareVersion

Alarm	Attributes	Applicable major releases
Name: WrongCpaaSoftwareVersion (791) Type: equipmentAlarm (3) Package: netw Raised on class: netw.NetworkElement	Severity: critical Implicitly cleared: true Default probable cause: wrongCpaaSoftwareVersion (559)	<ul style="list-style-type: none"> • 6.3.4 • 6.4.2 • 6.4.3
Description: The alarm is raised when the 7701 CPAA software is the wrong version and requires an upgrade.		
Raising condition: (('Software Version' EQUAL \"TiMOS-B-3.0.Generic \") AND ('Chassis Type' EQUAL '7701 CPAA'))		
Clearing condition: (('Software Version' NOT EQUAL \"TiMOS-B-3.0.Generic \") AND ('Chassis Type' EQUAL '7701 CPAA'))		
Remedial action: The SW version of the CPAA must be upgraded to the version compatible with CPAM version.		

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Note – Some alarms that the 5620 SAM can raise against this device may not be listed in this chapter. Associating alarms with specific NE types is an ongoing Alcatel-Lucent effort. If the 5620 SAM raises an alarm against this device type, and the alarm is not described in this chapter, see chapter 41 for information about the alarm.

Table 40-1 AccessInterfaceDown

Alarm	Attributes	Applicable major releases
Name: AccessInterfaceDown (249) Type: AccessInterfaceAlarm (32) Package: service Raised on class: service.AccessInterface	Severity: critical Implicitly cleared: true Default probable cause: interfaceDown (32)	<ul style="list-style-type: none"> • 2.1 • 3.0
Description: The alarm is raised when an L2 or L3 interface operational state is Down. The alarm is not raised against an L2 access interface that is associated with an MC ring or MC LAG in the standby state.		
Raising condition: (('Operational State' NOT EQUAL 'Up') AND ('State Cause' NOT EQUAL 'Standby For MC-Ring') AND ('State Cause' NOT EQUAL 'Standby For MC-Lag') AND ('State Cause' NOT EQUAL 'Standby For BGP Multi-homing'))		
Clearing condition: (('Operational State' EQUAL 'Up') OR ('State Cause' EQUAL 'Standby For MC-Ring') OR ('State Cause' EQUAL 'Standby For MC-Lag') OR ('State Cause' EQUAL 'Standby For BGP Multi-homing'))		
Remedial action: The condition exists because the physical interface is down either because it is administratively disabled, faulty or a cabling fault has occurred. Ensure that the interface is administratively up. Check for a poor cable connection to the port or for a faulty cable/fiber. If neither appears to be the problem run diagnostics on the port to determine if it is faulty.		

Table 40-2 ActiveAbnormalCondition

Alarm	Attributes	Applicable major releases
Name: ActiveAbnormalCondition (3938) Type: activeAbnormalConditionAlarm (116) Package: netw Raised on class: netw.NetworkElement	Severity: major Implicitly cleared: true Default probable cause: ActiveAbnormalConditionState (1520)	<ul style="list-style-type: none"> • 2.1 • 3.0
Description: The alarm is an indication for abnormal condition on NE.		
Raising condition: ('abnormalCondition' EQUAL 'true')		
Clearing condition: ('abnormalCondition' EQUAL 'false')		
Remedial action: This alarm is raised when there is a abnormal state indication on NE.		

Table 40-3 AggregatedVFLPortDown

Alarm	Attributes	Applicable major releases
Name: AggregatedVFLPortDown (5436) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.Shelf	Severity: critical Implicitly cleared: true Default probable cause: connectivityIssue (2137)	<ul style="list-style-type: none"> • 2.1 • 3.0
Description: The alarm is generated when the aggregated virtual fabric link on the virtual chassis slot is down.		
Raising condition: (('Shelf Type' EQUAL '7850') AND ('Total Slots' EQUAL '4') AND ('Virtual Fabric Link State' NOT EQUAL 'Up'))		
Clearing condition: (('Shelf Type' EQUAL '7850') AND ('Total Slots' EQUAL '4') AND ('Virtual Fabric Link State' EQUAL 'Up'))		
Remedial action: The alarm is raised when the aggregated virtual fabric link on the virtual chassis is down. Please check the virtual fabric links for the virtual chassis setup.		

Table 40-4 AGWDiameterPeerDown

Alarm	Attributes	Applicable major releases
Name: AGWDiameterPeerDown (844) Type: EpcAlarm (59) Package: Ite Raised on class: Ite.AGWDiameterPeer	Severity: variable Implicitly cleared: true Default probable cause: EPSPeerDown (602)	<ul style="list-style-type: none"> • 2.1 • 3.0
Description: The alarm is raised when the path management state of a Diameter peer changes to a state other than Up.		
Raising condition: ('Path Diameter Management State' NOT EQUAL 'Active')		
Clearing condition: ('Path Diameter Management State' EQUAL 'Active')		
Remedial action: A Ga reference point (peer) is operationally down for one of the following reasons: the underlying IP or physical interface is down, the far end peer is down or the underlying transport between this NE and the peer NE is down. To resolve the issue ensure that the IP/physical interface is up, check that the far end peer is operational and check that the underlying transport network is up.		

Table 40-5 AreaTypeMismatch

Alarm	Attributes	Applicable major releases
Name: AreaTypeMismatch (38) Type: configurationAlarm (11) Package: ospf Raised on class: ospf.Area	Severity: warning Implicitly cleared: true Default probable cause: areaTypeMisconfigured (34)	<ul style="list-style-type: none"> • 2.1 • 3.0
Description: The alarm is raised when an OSPF area on one NE is configured as an NSSA and the same OSPF area on another NE is configured as a stub area.		
Raising condition: ('Type Mismatch' EQUAL 'true')		
Clearing condition: ('Type Mismatch' EQUAL 'false')		
Remedial action: A configuration error has been made which must be corrected. The OSPF area type configured for the NE does not match with the same OSPF area configured on another NE. Compare the configuration on the endpoint and correct the mismatch.		

Table 40-6 AsymmetricalConfig (lag)

Alarm	Attributes	Applicable major releases
Name: AsymmetricalConfig (295) Type: configurationAlarm (11) Package: lag Raised on classes: <ul style="list-style-type: none"> • lag.MultiChassisLag • lag.MultiChassisLagMember 	Severity: major Implicitly cleared: true Default probable cause: asymmetricalConfig (226)	<ul style="list-style-type: none"> • 2.1 • 3.0
Description: The alarm is raised when the members of an MC LAG do not have matching configurations.		
Raising condition: ('configMismatches' NOT EQUAL '0L')		
Clearing condition: ('configMismatches' EQUAL '0L')		
Remedial action: Check configurations on both members to see anything not matched.		

Table 40-7 AuxiliaryServerStatus

Alarm	Attributes	Applicable major releases
Name: AuxiliaryServerStatus (311) Type: communicationsAlarm (4) Package: server Raised on class: server.AuxiliaryServer	Severity: critical Implicitly cleared: true Default probable cause: systemFailed (144)	<ul style="list-style-type: none"> • 2.1 • 3.0
Description: The alarm is raised when a 5620 SAM main server cannot communicate with an auxiliary server. The alarm clears when communication is restored.		
Raising condition: ('Server Status' EQUAL 'Down')		
Clearing condition: ('Server Status' EQUAL 'Up')		

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Alarm	Attributes	Applicable major releases
Remedial action: Informational - if the alarm persists or is occurring frequently then investigation is required to understand why the connectivity between the AUX and SAM servers is unreliable.		

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Table 40-8 BgpDown

Alarm	Attributes	Applicable major releases
Name: BgpDown (6) Type: ProtocolAlarm (1) Package: bgp Raised on class: bgp.Site	Severity: critical Implicitly cleared: true Default probable cause: protocolDown (1)	<ul style="list-style-type: none"> • 2.1 • 3.0
Description: The alarm is raised when a BGP instance has an Operational State other than Up, and the Administrative State is Up.		
Raising condition: (('Administrative State' EQUAL 'Up') AND ('Operational State' NOT EQUAL 'Up'))		
Clearing condition: (('Operational State' EQUAL 'Up') OR ('Administrative State' NOT EQUAL 'Up'))		
Remedial action: The BGP protocol entity is down - administratively disable BGP and re-enable. If the problem persists please contact Alcatel-Lucent support for assistance.		

Table 40-9 BootableConfigBackupFailed

Alarm	Attributes	Applicable major releases
Name: BootableConfigBackupFailed (103) Type: configurationAlarm (11) Package: sw Raised on class: sw.BackupRestoreManager	Severity: major Implicitly cleared: true Default probable cause: fileTransferFailure (89)	<ul style="list-style-type: none"> • 2.1 • 3.0
Description: The alarm is raised when the 5620 SAM fails to back up a set of NE configuration files.		
Raising condition: ('Backup State' EQUAL 'Failure')		
Clearing condition: ('Backup State' EQUAL 'Success')		
Remedial action: Investigation is required to resolve the following possible scenarios: insufficient disk space is available to accommodate the NE configuration files (additional SAM platform alarms will accompany this alarm); the NE is unreachable (including underlying transport network issue); loss of connectivity to the NE during transfer; the FTP daemon on the NE may have stopped; FTP security credential issues.		

Table 40-10 BootableConfigRestoreFailed

Alarm	Attributes	Applicable major releases
Name: BootableConfigRestoreFailed (104) Type: configurationAlarm (11) Package: sw Raised on class: sw.BackupRestoreManager	Severity: major Implicitly cleared: true Default probable cause: fileTransferFailure (89)	<ul style="list-style-type: none"> • 2.1 • 3.0
Description: The alarm is raised when the 5620 SAM fails to restore a set of NE configuration files.		
Raising condition: ('Restore State' EQUAL 'Failure')		
Clearing condition: ('Restore State' EQUAL 'Success')		
Remedial action: Investigation is required to resolve the following possible scenarios: the NE is unreachable (including underlying transport network issue); loss of connectivity to the NE during transfer; the FTP daemon on the NE may have stopped; FTP security credential issues.		

Table 40-11 BootParametersMisconfigured

Alarm	Attributes	Applicable major releases
Name: BootParametersMisconfigured (35) Type: configurationAlarm (11) Package: netw Raised on class: netw.NetworkElement	Severity: critical Implicitly cleared: true Default probable cause: persistentIndexFailure (30) Applicable probable causes: <ul style="list-style-type: none"> • persistentIndexFailure • configFileBootFailure 	<ul style="list-style-type: none"> • 2.1 • 3.0
Description: The alarm is raised when the SNMP Index Boot Status on an NE is not set to Persistent.		
Raising condition: (('isGenericNode' EQUAL 'false') AND ('State' NOT EQUAL 'Pre-provisioned') AND (('Config File Status' NOT EQUAL 'Executed Successfully') AND ('Config File Status' NOT EQUAL 'configFileStatus_unspecified')) OR (('Persistent Index Status' NOT EQUAL 'Rebuild Succeeded') AND ('Persistent Index Status' NOT EQUAL 'persistentIndexStatus_unspecified'))))		
Clearing condition: (('Config File Status' EQUAL 'Executed Successfully') AND ('Persistent Index Status' EQUAL 'Rebuild Succeeded'))		
Remedial action: Ensure that "SNMP Index Boot Status" is persistent (using cli command "show system information" on the NE). If not, unmanage the network element from SAM, ensure that "persist on" is set in the bof file, save the bof, save a config file, verify that an index file (.ndx) is saved as well, reboot the router, verify that SNMP Index Boot Status is persistent and finally remanage the router from SAM.		

Table 40-12 CircuitStpExceptionCondition

Alarm	Attributes	Applicable major releases
Name: CircuitStpExceptionCondition (648) Type: SdpBindingAlarm (30) Package: l2fwd Raised on class: l2fwd.CircuitStp	Severity: major Implicitly cleared: true Default probable cause: StpException (228)	<ul style="list-style-type: none"> • 2.1 • 3.0

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Alarm	Attributes	Applicable major releases
Description: The alarm is raised when an NE detects an STP exception condition on a SAP, for example, one-way communication or a downstream loop. The alarm clears when the STP status changes.		
Raising condition: (('STP Exception Condition' NOT EQUAL 'None') AND ('Administrative State' EQUAL 'Up'))		
Clearing condition: (('STP Exception Condition' EQUAL 'None') OR ('Administrative State' EQUAL 'Down'))		
Remedial action: Check 'STP Exception Condition' field for more details and fix the STP exception.		

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Table 40-13 ClientDelegateServerStatus

Alarm	Attributes	Applicable major releases
Name: ClientDelegateServerStatus (731) Type: communicationsAlarm (4) Package: server Raised on class: server.ClientDelegateServer	Severity: critical Implicitly cleared: true Default probable cause: systemFailed (144)	<ul style="list-style-type: none"> • 2.1 • 3.0
Description: The alarm is raised when a client delegate server is unreachable.		
Raising condition: ('Server Status' EQUAL 'Down')		
Clearing condition: ('Server Status' EQUAL 'Up')		
Remedial action: Informational - if the alarm persists or is occurring frequently then investigation is required to understand why the connectivity between the client delegate platform and SAM servers is unreliable or the client delegate server itself is unreliable.		

Table 40-14 ContainingEquipmentAdministrativelyDown

Alarm	Attributes	Applicable major releases
Name: ContainingEquipmentAdministrativelyDown (466) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.Port	Severity: minor Implicitly cleared: true Default probable cause: containingEquipmentAdministrativelyDown (330)	<ul style="list-style-type: none"> • 2.1 • 3.0
Description: The alarm is raised when the compositeEquipmentState attribute has a value of containingEquipmentAdministrativelyDown.		
Raising condition: (('Status' EQUAL 'Parent Admin Down') AND ('isTerminatable' EQUAL 'true'))		
Clearing condition: (('Status' NOT EQUAL 'Parent Admin Down') OR ('isTerminatable' NOT EQUAL 'true'))		
Remedial action: Informational - no corrective action required.		

Table 40-15 ContainingEquipmentMismatch

Alarm	Attributes	Applicable major releases
Name: ContainingEquipmentMismatch (464) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.Port	Severity: major Implicitly cleared: true Default probable cause: containingEquipmentMismatch (328)	<ul style="list-style-type: none"> • 2.1 • 3.0
Description: The alarm is raised when the compositeEquipmentState attribute has a value of containingEquipmentMismatch.		
Raising condition: (('Status' EQUAL 'Parent Type Mismatch') AND ('isTerminatable' EQUAL 'true'))		
Clearing condition: (('Status' NOT EQUAL 'Parent Type Mismatch') OR ('isTerminatable' NOT EQUAL 'true'))		
Remedial action: A configuration error has occurred which must be corrected. The card type configured for the slot identified in the alarm must match the installed card type.		

Table 40-16 ContainingEquipmentOperationallyDown

Alarm	Attributes	Applicable major releases
Name: ContainingEquipmentOperationallyDown (465) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.Port	Severity: major Implicitly cleared: true Default probable cause: containingEquipmentDown (329)	<ul style="list-style-type: none"> • 2.1 • 3.0
Description: The alarm is raised when the compositeEquipmentState attribute has a value of containingEquipmentOperationallyDown.		
Raising condition: (('Status' EQUAL 'Parent Oper Down') AND ('isTerminatable' EQUAL 'true'))		
Clearing condition: (('Status' NOT EQUAL 'Parent Oper Down') OR ('isTerminatable' NOT EQUAL 'true'))		
Remedial action: The operational state of the equipment element indicated in the alarm is down. This may be due to the element's administrative state or it may indicate that the element has failed.		

Table 40-17 CorruptImageFile

Alarm	Attributes	Applicable major releases
Name: CorruptImageFile (171) Type: configurationAlarm (11) Package: mediation Raised on class: mediation.AbstractSoftwareFolderDescriptor	Severity: critical Implicitly cleared: true Default probable cause: invalidOrCorruptImageFile (134)	<ul style="list-style-type: none"> • 2.1 • 3.0
Description: The alarm is raised when one or more files in the 5620 SAM software image specified for a device software upgrade is invalid, corrupt or absent. The 5620 SAM validates a device software file set before it imports the file set and distributes it to an NE. Ensure that the file set downloads properly to the NE and is not tampered with before you re-attempt the upgrade. The alarm clears when a valid file set is on the NE and the 5620 SAM activates the software image in the file set.		
Raising condition: ('isImageValid' EQUAL 'false')		

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Alarm	Attributes	Applicable major releases
Clearing condition: ('isImageValid' EQUAL 'true')		
Remedial action: The existing SW image in the SAM database should be replaced with an image that is known to be complete and valid.		

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Table 40-18 CpmProtectionExceedEntry

Alarm	Attributes	Applicable major releases
Name: CpmProtectionExceedEntry (2925) Type: communications (87) Package: sitesecc Raised on class: sitesecc.CpmProtExcdEntry	Severity: warning Implicitly cleared: false Default probable cause: denialOfService (790)	<ul style="list-style-type: none"> • 2.1 • 3.0
Description: The alarm is raised when a MAC packet stream has exceeded its per-source limit.		
Raising condition: ('Number of Rate Violations' NOT EQUAL '0L')		
Remedial action: A device in the network is sending traffic to the NE at a rate which is higher than expected. The source of the traffic must be identified and if the behavior is undesired then the device should be disabled. It is also possible that the threshold has been configured at a level which is lower than acceptable in which case the configuration should be aligned with the traffic levels expected.		

Table 40-19 CpmProtectionExceedSapIpEntry

Alarm	Attributes	Applicable major releases
Name: CpmProtectionExceedSapIpEntry (3911) Type: communications (87) Package: sitesecc Raised on class: sitesecc.CpmProtExcdSapIpEntry	Severity: warning Implicitly cleared: false Default probable cause: denialOfService (790)	<ul style="list-style-type: none"> • 2.1 • 3.0
Description: The alarm is raised when an IP packet stream has exceeded the per-source limit.		
Raising condition: ('Number of Rate Violations' NOT EQUAL '0L')		
Remedial action: A device in the network is sending traffic to the NE at a rate which is higher than expected. The source of the traffic must be identified and if the behavior is undesired then the device should be disabled. It is also possible that the threshold has been configured at a level which is lower than acceptable in which case the configuration should be aligned with the traffic levels expected.		

Table 40-20 CpmProtectionViolationIfEntry

Alarm	Attributes	Applicable major releases
Name: CpmProtectionViolationIfEntry (2926) Type: communications (87) Package: sitesecc Raised on class: sitesecc.CpmProtViolIfEntry	Severity: warning Implicitly cleared: false Default probable cause: denialOfService (790)	<ul style="list-style-type: none"> • 2.1 • 3.0
Description: The alarm is raised when the link-specific packet arrival rate limit at the interface is violated.		
Raising condition: ('Number of Rate Violations' NOT EQUAL '0L')		
Remedial action: A device in the network is sending traffic to the NE at a rate which is higher than expected. The source of the traffic must be identified and if the behavior is undesired then the device should be disabled. It is also possible that the threshold has been configured at a level which is lower than acceptable in which case the configuration should be aligned with the traffic levels expected.		

Table 40-21 CpmProtectionViolationPortEntry

Alarm	Attributes	Applicable major releases
Name: CpmProtectionViolationPortEntry (2927) Type: communications (87) Package: sitesecc Raised on class: sitesecc.CpmProtViolPortEntry	Severity: warning Implicitly cleared: false Default probable cause: denialOfService (790)	<ul style="list-style-type: none"> • 2.1 • 3.0
Description: The alarm is raised when the link-specific packet arrival rate limit at the port is violated.		
Raising condition: (('Number of Per-port Violations' NOT EQUAL '0L') OR ('Number of Link-specific Violations' NOT EQUAL '0L'))		
Remedial action: A device in the network is sending traffic to the NE at a rate which is higher than expected. The source of the traffic must be identified and if the behavior is undesired then the device should be disabled. It is also possible that the threshold has been configured at a level which is lower than acceptable in which case the configuration should be aligned with the traffic levels expected.		

Table 40-22 CpmProtectionViolationSAPEntry

Alarm	Attributes	Applicable major releases
Name: CpmProtectionViolationSAPEntry (2928) Type: communications (87) Package: sitesecc Raised on class: sitesecc.CpmProtViolSapEntry	Severity: warning Implicitly cleared: false Default probable cause: denialOfService (790)	<ul style="list-style-type: none"> • 2.1 • 3.0
Description: The alarm is raised when the link-specific packet arrival rate limit at the SAP is violated.		
Raising condition: ('Number of Rate Violations' NOT EQUAL '0L')		
Remedial action: A device in the network is sending traffic to the NE at a rate which is higher than expected. The source of the traffic must be identified and if the behavior is undesired then the device should be disabled. It is also possible that the threshold has been configured at a level which is lower than acceptable in which case the configuration should be aligned with the traffic levels expected.		

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Table 40-23 CpmProtectionViolationSDPEntry

Alarm	Attributes	Applicable major releases
Name: CpmProtectionViolationSDPEntry (5415) Type: communications (87) Package: sitesec Raised on class: sitesec.CpmProtViolSdpEntry	Severity: warning Implicitly cleared: false Default probable cause: denialOfService (790)	<ul style="list-style-type: none"> • 2.1 • 3.0
Description: The alarm is raised when the overall packet arrival rate limit at the SDP is violated.		
Raising condition: ('Number of Rate Violations' NOT EQUAL '0L')		
Remedial action: A device in the network is sending traffic to the NE at a rate which is higher than expected. The source of the traffic must be identified and if the behavior is undesired then the device should be disabled. It is also possible that the threshold has been configured at a level which is lower than acceptable in which case the configuration should be aligned with the traffic levels expected.		

Table 40-24 DDMAux1HighAlarm

Alarm	Attributes	Applicable major releases
Name: DDMAux1HighAlarm (495) Type: thresholdAlarm (49) Package: equipment Raised on class: equipment.AbstractDDM	Severity: major Implicitly cleared: true Default probable cause: aux1HighAlarm (381)	<ul style="list-style-type: none"> • 2.1 • 3.0
Description: The alarm is raised when the manufacturer-specific Auxiliary 1 of the XFP reaches the maximum threshold value.		
Raising condition: ('failedThresholds'anyBit'Aux1 High Alarm')		
Clearing condition: NOT (('failedThresholds'anyBit'Aux1 High Alarm'))		
Remedial action: Informational. Check the environmental parameters of the transceiver and ensure that it is not faulty.		

Table 40-25 DDMAux1HighWarning

Alarm	Attributes	Applicable major releases
Name: DDMAux1HighWarning (494) Type: thresholdAlarm (49) Package: equipment Raised on class: equipment.AbstractDDM	Severity: warning Implicitly cleared: true Default probable cause: aux1HighWarning (380)	<ul style="list-style-type: none"> • 2.1 • 3.0
Description: The alarm is raised when the manufacturer-specific Auxiliary 1 of the XFP approaches the maximum threshold value.		
Raising condition: ('failedThresholds'anyBit'Aux1 High Warning')		
Clearing condition: NOT (('failedThresholds'anyBit'Aux1 High Warning'))		
Remedial action: Informational. Check the environmental parameters of the transceiver and ensure that it is not faulty.		

Table 40-26 DDMAux1LowAlarm

Alarm	Attributes	Applicable major releases
Name: DDMAux1LowAlarm (493) Type: thresholdAlarm (49) Package: equipment Raised on class: equipment.AbstractDDM	Severity: major Implicitly cleared: true Default probable cause: aux1LowAlarm (379)	<ul style="list-style-type: none"> • 2.1 • 3.0
Description: The alarm is raised when the manufacturer-specific Auxiliary 1 of the XFP reaches the minimum threshold value.		
Raising condition: ('failedThresholds'anyBit'Aux1 Low Alarm')		
Clearing condition: NOT (('failedThresholds'anyBit'Aux1 Low Alarm'))		
Remedial action: Informational. Check the environmental parameters of the transceiver and ensure that it is not faulty.		

Table 40-27 DDMAux1LowWarning

Alarm	Attributes	Applicable major releases
Name: DDMAux1LowWarning (492) Type: thresholdAlarm (49) Package: equipment Raised on class: equipment.AbstractDDM	Severity: warning Implicitly cleared: true Default probable cause: aux1LowWarning (378)	<ul style="list-style-type: none"> • 2.1 • 3.0
Description: The alarm is raised when the manufacturer-specific Auxiliary 1 of the XFP approaches the minimum threshold value.		
Raising condition: ('failedThresholds'anyBit'Aux1 Low Warning')		
Clearing condition: NOT (('failedThresholds'anyBit'Aux1 Low Warning'))		
Remedial action: Informational. Check the environmental parameters of the transceiver and ensure that it is not faulty.		

Table 40-28 DDMAux2HighAlarm

Alarm	Attributes	Applicable major releases
Name: DDMAux2HighAlarm (499) Type: thresholdAlarm (49) Package: equipment Raised on class: equipment.AbstractDDM	Severity: major Implicitly cleared: true Default probable cause: aux2HighAlarm (385)	<ul style="list-style-type: none"> • 2.1 • 3.0
Description: The alarm is raised when the manufacturer-specific Auxiliary 2 of the XFP reaches the maximum threshold value.		
Raising condition: ('failedThresholds'anyBit'Aux2 High Alarm')		
Clearing condition: NOT (('failedThresholds'anyBit'Aux2 High Alarm'))		
Remedial action: Informational. Check the environmental parameters of the transceiver and ensure that it is not faulty.		

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Table 40-29 DDMAux2HighWarning

Alarm	Attributes	Applicable major releases
Name: DDMAux2HighWarning (498) Type: thresholdAlarm (49) Package: equipment Raised on class: equipment.AbstractDDM	Severity: warning Implicitly cleared: true Default probable cause: aux2HighWarning (384)	<ul style="list-style-type: none"> • 2.1 • 3.0
Description: The alarm is raised when the manufacturer-specific Auxiliary 2 of the XFP approaches the maximum threshold value.		
Raising condition: ('failedThresholds'anyBit'Aux2 High Warning')		
Clearing condition: NOT (('failedThresholds'anyBit'Aux2 High Warning'))		
Remedial action: Informational. Check the environmental parameters of the transceiver and ensure that it is not faulty.		

Table 40-30 DDMAux2LowAlarm

Alarm	Attributes	Applicable major releases
Name: DDMAux2LowAlarm (497) Type: thresholdAlarm (49) Package: equipment Raised on class: equipment.AbstractDDM	Severity: major Implicitly cleared: true Default probable cause: aux2LowAlarm (383)	<ul style="list-style-type: none"> • 2.1 • 3.0
Description: The alarm is raised when the manufacturer-specific Auxiliary 2 of the XFP reaches the minimum threshold value.		
Raising condition: ('failedThresholds'anyBit'Aux2 Low Alarm')		
Clearing condition: NOT (('failedThresholds'anyBit'Aux2 Low Alarm'))		
Remedial action: Informational. Check the environmental parameters of the transceiver and ensure that it is not faulty.		

Table 40-31 DDMAux2LowWarning

Alarm	Attributes	Applicable major releases
Name: DDMAux2LowWarning (496) Type: communicatiothresholdAlarmnsAlarm (50) Package: equipment Raised on class: equipment.AbstractDDM	Severity: warning Implicitly cleared: true Default probable cause: aux2LowWarning (382)	<ul style="list-style-type: none"> • 2.1 • 3.0
Description: The alarm is raised when the manufacturer-specific Auxiliary 2 of the XFP approaches the minimum threshold value.		
Raising condition: ('failedThresholds'anyBit'Aux2 Low Warning')		
Clearing condition: NOT (('failedThresholds'anyBit'Aux2 Low Warning'))		
Remedial action: Informational. Check the environmental parameters of the transceiver and ensure that it is not faulty.		

Table 40-32 DDMRxOpticalPowerHighAlarm

Alarm	Attributes	Applicable major releases
Name: DDMRxOpticalPowerHighAlarm (491) Type: thresholdAlarm (49) Package: equipment Raised on class: equipment.AbstractDDM	Severity: major Implicitly cleared: true Default probable cause: rxOpticalPowerHighAlarm (377)	<ul style="list-style-type: none"> • 2.1 • 3.0
Description: The alarm is raised when the received optical power of an SFP or XFP reaches the maximum threshold value.		
Raising condition: ('failedThresholds'anyBit'Rx Optical Power High Alarm')		
Clearing condition: NOT (('failedThresholds'anyBit'Rx Optical Power High Alarm'))		
Remedial action: Informational. Check the environmental parameters of the transceiver and ensure that it is not faulty.		

Table 40-33 DDMRxOpticalPowerHighWarning

Alarm	Attributes	Applicable major releases
Name: DDMRxOpticalPowerHighWarning (490) Type: thresholdAlarm (49) Package: equipment Raised on class: equipment.AbstractDDM	Severity: warning Implicitly cleared: true Default probable cause: rxOpticalPowerHighWarning (376)	<ul style="list-style-type: none"> • 2.1 • 3.0
Description: The alarm is raised when the received optical power of an SFP or XFP approaches the maximum threshold value.		
Raising condition: ('failedThresholds'anyBit'Rx Optical Power High Warning')		
Clearing condition: NOT (('failedThresholds'anyBit'Rx Optical Power High Warning'))		
Remedial action: Informational. Check the environmental parameters of the transceiver and ensure that it is not faulty.		

Table 40-34 DDMRxOpticalPowerLowAlarm

Alarm	Attributes	Applicable major releases
Name: DDMRxOpticalPowerLowAlarm (489) Type: thresholdAlarm (49) Package: equipment Raised on class: equipment.AbstractDDM	Severity: major Implicitly cleared: true Default probable cause: rxOpticalPowerLowAlarm (375)	<ul style="list-style-type: none"> • 2.1 • 3.0
Description: The alarm is raised when the received optical power of an SFP or XFP reaches the minimum threshold value.		
Raising condition: ('failedThresholds'anyBit'Rx Optical Power Low Alarm')		
Clearing condition: NOT (('failedThresholds'anyBit'Rx Optical Power Low Alarm'))		
Remedial action: Informational. Check the environmental parameters of the transceiver and ensure that it is not faulty.		

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Table 40-35 DDMRxOpticalPowerLowWarning

Alarm	Attributes	Applicable major releases
Name: DDMRxOpticalPowerLowWarning (488) Type: thresholdAlarm (49) Package: equipment Raised on class: equipment.AbstractDDM	Severity: warning Implicitly cleared: true Default probable cause: rxOpticalPowerLowWarning (374)	<ul style="list-style-type: none"> • 2.1 • 3.0
Description: The alarm is raised when the received optical power of an SFP or XFP approaches the minimum threshold value.		
Raising condition: ('failedThresholds'anyBit'Rx Optical Power Low Warning')		
Clearing condition: NOT (('failedThresholds'anyBit'Rx Optical Power Low Warning'))		
Remedial action: Informational. Check the environmental parameters of the transceiver and ensure that it is not faulty.		

Table 40-36 DDMSupplyVoltageHighAlarm

Alarm	Attributes	Applicable major releases
Name: DDMSupplyVoltageHighAlarm (479) Type: thresholdAlarm (49) Package: equipment Raised on class: equipment.AbstractDDM	Severity: major Implicitly cleared: true Default probable cause: supplyVoltageHighAlarm (365)	<ul style="list-style-type: none"> • 2.1 • 3.0
Description: The alarm is raised when the supply voltage of an SFP or XFP reaches the maximum threshold value.		
Raising condition: ('failedThresholds'anyBit'Supply Voltage High Alarm')		
Clearing condition: NOT (('failedThresholds'anyBit'Supply Voltage High Alarm'))		
Remedial action: Informational. Check the environmental parameters of the transceiver and ensure that it is not faulty.		

Table 40-37 DDMSupplyVoltageHighWarning

Alarm	Attributes	Applicable major releases
Name: DDMSupplyVoltageHighWarning (478) Type: thresholdAlarm (49) Package: equipment Raised on class: equipment.AbstractDDM	Severity: warning Implicitly cleared: true Default probable cause: supplyVoltageHighWarning (364)	<ul style="list-style-type: none"> • 2.1 • 3.0
Description: The alarm is raised when the supply voltage of an SFP or XFP approaches the maximum threshold value.		
Raising condition: ('failedThresholds'anyBit'Supply Voltage High Warning')		
Clearing condition: NOT (('failedThresholds'anyBit'Supply Voltage High Warning'))		
Remedial action: Informational. Check the environmental parameters of the transceiver and ensure that it is not faulty.		

Table 40-38 DDMSupplyVoltageLowAlarm

Alarm	Attributes	Applicable major releases
Name: DDMSupplyVoltageLowAlarm (477) Type: thresholdAlarm (49) Package: equipment Raised on class: equipment.AbstractDDM	Severity: major Implicitly cleared: true Default probable cause: supplyVoltageLowAlarm (363)	<ul style="list-style-type: none"> • 2.1 • 3.0
Description: The alarm is raised when the supply voltage of an SFP or XFP reaches the maximum threshold value.		
Raising condition: ('failedThresholds'anyBit'Supply Voltage Low Alarm')		
Clearing condition: NOT (('failedThresholds'anyBit'Supply Voltage Low Alarm'))		
Remedial action: Informational. Check the environmental parameters of the transceiver and ensure that it is not faulty.		

Table 40-39 DDMSupplyVoltageLowWarning

Alarm	Attributes	Applicable major releases
Name: DDMSupplyVoltageLowWarning (476) Type: thresholdAlarm (49) Package: equipment Raised on class: equipment.AbstractDDM	Severity: warning Implicitly cleared: true Default probable cause: supplyVoltageLowWarning (362)	<ul style="list-style-type: none"> • 2.1 • 3.0
Description: The alarm is raised when the supply voltage of an SFP or XFP approaches the maximum threshold value.		
Raising condition: ('failedThresholds'anyBit'Supply Voltage Low Warning')		
Clearing condition: NOT (('failedThresholds'anyBit'Supply Voltage Low Warning'))		
Remedial action: Informational. Check the environmental parameters of the transceiver and ensure that it is not faulty.		

Table 40-40 DDMTemperatureHighAlarm

Alarm	Attributes	Applicable major releases
Name: DDMTemperatureHighAlarm (475) Type: thresholdAlarm (49) Package: equipment Raised on class: equipment.AbstractDDM	Severity: major Implicitly cleared: true Default probable cause: temperatureHighAlarm (361)	<ul style="list-style-type: none"> • 2.1 • 3.0
Description: The alarm is raised when the temperature of an SFP or XFP reaches the maximum threshold value.		
Raising condition: ('failedThresholds'anyBit'Temperature High Alarm')		
Clearing condition: NOT (('failedThresholds'anyBit'Temperature High Alarm'))		
Remedial action: Informational. Check the environmental parameters of the transceiver and ensure that it is not faulty.		

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Table 40-41 DDMTemperatureHighWarning

Alarm	Attributes	Applicable major releases
Name: DDMTemperatureHighWarning (474) Type: thresholdAlarm (49) Package: equipment Raised on class: equipment.AbstractDDM	Severity: warning Implicitly cleared: true Default probable cause: temperatureHighWarning (360)	<ul style="list-style-type: none"> • 2.1 • 3.0
Description: The alarm is raised when the temperature of an SFP or XFP approaches the maximum threshold value.		
Raising condition: ('failedThresholds'anyBit'Temperature High Warning')		
Clearing condition: NOT (('failedThresholds'anyBit'Temperature High Warning'))		
Remedial action: Informational. Check the environmental parameters of the transceiver and ensure that it is not faulty.		

Table 40-42 DDMTemperatureLowAlarm

Alarm	Attributes	Applicable major releases
Name: DDMTemperatureLowAlarm (473) Type: thresholdAlarm (49) Package: equipment Raised on class: equipment.AbstractDDM	Severity: major Implicitly cleared: true Default probable cause: temperatureLowAlarm (359)	<ul style="list-style-type: none"> • 2.1 • 3.0
Description: The alarm is raised when the temperature of an SFP or XFP reaches the maximum threshold value.		
Raising condition: ('failedThresholds'anyBit'Temperature Low Alarm')		
Clearing condition: NOT (('failedThresholds'anyBit'Temperature Low Alarm'))		
Remedial action: Informational. Check the environmental parameters of the transceiver and ensure that it is not faulty.		

Table 40-43 DDMTemperatureLowWarning

Alarm	Attributes	Applicable major releases
Name: DDMTemperatureLowWarning (472) Type: thresholdAlarm (49) Package: equipment Raised on class: equipment.AbstractDDM	Severity: warning Implicitly cleared: true Default probable cause: temperatureLowWarning (358)	<ul style="list-style-type: none"> • 2.1 • 3.0
Description: The alarm is raised when the temperature of an SFP or XFP approaches the maximum threshold value.		
Raising condition: ('failedThresholds'anyBit'Temperature Low Warning')		
Clearing condition: NOT (('failedThresholds'anyBit'Temperature Low Warning'))		
Remedial action: Informational. Check the environmental parameters of the transceiver and ensure that it is not faulty.		

Table 40-44 DDMTxBiasCurrentHighAlarm

Alarm	Attributes	Applicable major releases
Name: DDMTxBiasCurrentHighAlarm (483) Type: thresholdAlarm (49) Package: equipment Raised on class: equipment.AbstractDDM	Severity: major Implicitly cleared: true Default probable cause: txBiasCurrentHighAlarm (369)	<ul style="list-style-type: none"> • 2.1 • 3.0
Description: The alarm is raised when the transmit bias current of an SFP or XFP reaches the maximum threshold value.		
Raising condition: ('failedThresholds'anyBit'Tx Bias Current High Alarm')		
Clearing condition: NOT (('failedThresholds'anyBit'Tx Bias Current High Alarm'))		
Remedial action: Informational. Check the environmental parameters of the transceiver and ensure that it is not faulty.		

Table 40-45 DDMTxBiasCurrentHighWarning

Alarm	Attributes	Applicable major releases
Name: DDMTxBiasCurrentHighWarning (482) Type: thresholdAlarm (49) Package: equipment Raised on class: equipment.AbstractDDM	Severity: warning Implicitly cleared: true Default probable cause: txBiasCurrentHighWarning (368)	<ul style="list-style-type: none"> • 2.1 • 3.0
Description: The alarm is raised when the transmit bias current of an SFP or XFP approaches the maximum threshold value.		
Raising condition: ('failedThresholds'anyBit'Tx Bias Current High Warning')		
Clearing condition: NOT (('failedThresholds'anyBit'Tx Bias Current High Warning'))		
Remedial action: Informational. Check the environmental parameters of the transceiver and ensure that it is not faulty.		

Table 40-46 DDMTxBiasCurrentLowAlarm

Alarm	Attributes	Applicable major releases
Name: DDMTxBiasCurrentLowAlarm (481) Type: thresholdAlarm (49) Package: equipment Raised on class: equipment.AbstractDDM	Severity: major Implicitly cleared: true Default probable cause: txBiasCurrentLowAlarm (367)	<ul style="list-style-type: none"> • 2.1 • 3.0
Description: The alarm is raised when the transmit bias current of an SFP or XFP reaches the maximum threshold value.		
Raising condition: ('failedThresholds'anyBit'Tx Bias Current Low Alarm')		
Clearing condition: NOT (('failedThresholds'anyBit'Tx Bias Current Low Alarm'))		
Remedial action: Informational. Check the environmental parameters of the transceiver and ensure that it is not faulty.		

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Table 40-47 DDMTxBiasCurrentLowWarning

Alarm	Attributes	Applicable major releases
Name: DDMTxBiasCurrentLowWarning (480) Type: thresholdAlarm (49) Package: equipment Raised on class: equipment.AbstractDDM	Severity: warning Implicitly cleared: true Default probable cause: txBiasCurrentLowWarning (366)	<ul style="list-style-type: none"> • 2.1 • 3.0
Description: The alarm is raised when the transmit bias current of an SFP or XFP approaches the maximum threshold value.		
Raising condition: ('failedThresholds'anyBit'Tx Bias Current Low Warning')		
Clearing condition: NOT (('failedThresholds'anyBit'Tx Bias Current Low Warning'))		
Remedial action: Informational. Check the environmental parameters of the transceiver and ensure that it is not faulty.		

Table 40-48 DDMTxOutputPowerHighAlarm

Alarm	Attributes	Applicable major releases
Name: DDMTxOutputPowerHighAlarm (487) Type: thresholdAlarm (49) Package: equipment Raised on class: equipment.AbstractDDM	Severity: major Implicitly cleared: true Default probable cause: txOutputPowerHighAlarm (373)	<ul style="list-style-type: none"> • 2.1 • 3.0
Description: The alarm is raised when the output power of an SFP or XFP reaches the maximum threshold value.		
Raising condition: ('failedThresholds'anyBit'Tx Output Power High Alarm')		
Clearing condition: NOT (('failedThresholds'anyBit'Tx Output Power High Alarm'))		
Remedial action: Informational. Check the environmental parameters of the transceiver and ensure that it is not faulty.		

Table 40-49 DDMTxOutputPowerHighWarning

Alarm	Attributes	Applicable major releases
Name: DDMTxOutputPowerHighWarning (486) Type: thresholdAlarm (49) Package: equipment Raised on class: equipment.AbstractDDM	Severity: warning Implicitly cleared: true Default probable cause: txOutputPowerHighWarning (372)	<ul style="list-style-type: none"> • 2.1 • 3.0
Description: The alarm is raised when the output power of an SFP or XFP approaches the maximum threshold value.		
Raising condition: ('failedThresholds'anyBit'Tx Output Power High Warning')		
Clearing condition: NOT (('failedThresholds'anyBit'Tx Output Power High Warning'))		
Remedial action: Informational. Check the environmental parameters of the transceiver and ensure that it is not faulty.		

Table 40-50 DDMTxOutputPowerLowAlarm

Alarm	Attributes	Applicable major releases
Name: DDMTxOutputPowerLowAlarm (485) Type: thresholdAlarm (49) Package: equipment Raised on class: equipment.AbstractDDM	Severity: major Implicitly cleared: true Default probable cause: txOutputPowerLowAlarm (371)	<ul style="list-style-type: none"> • 2.1 • 3.0
Description: The alarm is raised when the output power of an SFP or XFP reaches the maximum threshold value.		
Raising condition: ('failedThresholds'anyBit'Tx Output Power Low Alarm')		
Clearing condition: NOT (('failedThresholds'anyBit'Tx Output Power Low Alarm'))		
Remedial action: Informational. Check the environmental parameters of the transceiver and ensure that it is not faulty.		

Table 40-51 DDMTxOutputPowerLowWarning

Alarm	Attributes	Applicable major releases
Name: DDMTxOutputPowerLowWarning (484) Type: thresholdAlarm (49) Package: equipment Raised on class: equipment.AbstractDDM	Severity: warning Implicitly cleared: true Default probable cause: txOutputPowerLowWarning (370)	<ul style="list-style-type: none"> • 2.1 • 3.0
Description: The alarm is raised when the output power of an SFP or XFP approaches the maximum threshold value.		
Raising condition: ('failedThresholds'anyBit'Tx Output Power Low Warning')		
Clearing condition: NOT (('failedThresholds'anyBit'Tx Output Power Low Warning'))		
Remedial action: Informational. Check the environmental parameters of the transceiver and ensure that it is not faulty.		

Table 40-52 downgradedCardAlarm

Alarm	Attributes	Applicable major releases
Name: downgradedCardAlarm (256) Type: softwareAlarm (19) Package: equipment Raised on class: equipment.Card	Severity: warning Implicitly cleared: true Default probable cause: downgradedCard (195)	<ul style="list-style-type: none"> • 2.1 • 3.0
Description: The alarm is raised when an IOM is not upgraded or reset after a device software upgrade of both CPMs. A device resets an IOM automatically after 120 minutes if the IOM is not manually reset after a CPM upgrade.		
Raising condition: ('operationalState' EQUAL 'Downgrade')		
Clearing condition: ('operationalState' EQUAL 'Up')		
Remedial action: Informational - no corrective action required.		

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Table 40-53 EfmOamAlarm

Alarm	Attributes	Applicable major releases
Name: EfmOamAlarm (4617) Type: equipmentAlarm (3) Package: ethernetequipment Raised on class: ethernetequipment.Dot3Oam	Severity: minor Implicitly cleared: true Default probable cause: EFMOAMOperationalStateOutOfService (1886)	<ul style="list-style-type: none"> • 2.1 • 3.0
Description: The alarm is raised when EFM Ignore status is Enabled, and Physical port Administrative State is Down.		
Raising condition: ('Ignore EFM State' EQUAL 'true')		
Clearing condition: ('Ignore EFM State' EQUAL 'true')		
Remedial action: The alarm is raised when EFM Ignore status is Enabled, and Physical port Administrative State is Down.		

Table 40-54 EquipmentAdministrativelyDown

Alarm	Attributes	Applicable major releases
Name: EquipmentAdministrativelyDown (455) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.Equipment	Severity: minor Implicitly cleared: true Default probable cause: equipmentAdministrativelyDown (326)	<ul style="list-style-type: none"> • 2.1 • 3.0
Description: The alarm is raised when the compositeEquipmentState attribute has a value of equipmentAdministrativelyDown.		
Raising condition: ('compositeEquipmentState' EQUAL 'Admin Down')		
Clearing condition: ('compositeEquipmentState' NOT EQUAL 'Admin Down')		
Remedial action: Informational - no corrective action required.		

Table 40-55 EquipmentDown

Alarm	Attributes	Applicable major releases
Name: EquipmentDown (10) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.Equipment	Severity: major Implicitly cleared: true Default probable cause: inoperableEquipment (8)	<ul style="list-style-type: none"> • 2.1 • 3.0
Description: The alarm is raised when the compositeEquipmentState attribute has a value of equipmentOperationallyDown.		
Raising condition: ('compositeEquipmentState' EQUAL 'Oper Down')		
Clearing condition: ('compositeEquipmentState' NOT EQUAL 'Oper Down')		
Remedial action: This alarm indicates that a card in the NE has failed. The card must be replaced.		

Table 40-56 EquipmentFailure

Alarm	Attributes	Applicable major releases
Name: EquipmentFailure (145) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.ReplaceableUnit	Severity: critical Implicitly cleared: true Default probable cause: cardFailure (123)	<ul style="list-style-type: none"> • 2.1 • 3.0
Description: The alarm is raised when a control processor or power-supply tray reports a failure. When the object type is ControlProcessor, a CPM may be unable to boot. When the object type is Power Supply Tray and the alarm is raised during device discovery, a power-supply tray may be out of service. When the object type is a Power Supply Tray and the device is in the managed state, a power-supply tray may be out of service or the AC power shelf has a fault condition. The alarm clears when the status changes to OK.		
Raising condition: ('operationalState' EQUAL 'Failed')		
Clearing condition: ('operationalState' NOT EQUAL 'Failed')		
Remedial action: If the alarm indicates that the CPM card has a fault, remove the card and reset it. If this does not clear the alarm then please contact Alcatel-Lucent support for assistance. If the alarm indicates that the Power Supply tray is out of service ensure that the NE is properly connected to power. If the problem persists please contact Alcatel-Lucent support for assistance.		

Table 40-57 EquipmentInTest

Alarm	Attributes	Applicable major releases
Name: EquipmentInTest (11) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.Equipment	Severity: warning Implicitly cleared: true Default probable cause: equipmentInTest (9)	<ul style="list-style-type: none"> • 2.1 • 3.0
Description: The alarm is raised when equipment enters a diagnostic state.		
Raising condition: ('compositeEquipmentState' EQUAL 'In Test')		
Clearing condition: ('compositeEquipmentState' NOT EQUAL 'In Test')		
Remedial action: Informational - no corrective action required.		

Table 40-58 EquipmentMismatch

Alarm	Attributes	Applicable major releases
Name: EquipmentMismatch (9) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.Equipment	Severity: major Implicitly cleared: true Default probable cause: equipmentTypeMismatch (7)	<ul style="list-style-type: none"> • 2.1 • 3.0
Description: The alarm is raised when the compositeEquipmentState attribute has a value of equipmentMismatch.		
Raising condition: ('compositeEquipmentState' EQUAL 'Type Mismatch')		
Clearing condition: ('compositeEquipmentState' NOT EQUAL 'Type Mismatch')		

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Alarm	Attributes	Applicable major releases
Remedial action: A configuration error has occurred which must be corrected. The card type configured for the slot identified in the alarm must match the installed card type.		

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Table 40-59 EquipmentRemoved

Alarm	Attributes	Applicable major releases
Name: EquipmentRemoved (8) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.Equipment	Severity: major Implicitly cleared: true Default probable cause: replaceableEquipmentRemoved (6)	<ul style="list-style-type: none"> • 2.1 • 3.0
Description: The alarm is raised when the compositeEquipmentState attribute has a value of equipmentMissing.		
Raising condition: (((isEquipped' EQUAL 'false') OR ('compositeEquipmentState' EQUAL 'Removed')) AND ('isEquipmentInserted' EQUAL 'true'))		
Clearing condition: (('compositeEquipmentState' NOT EQUAL 'Removed') AND ('isEquipped' EQUAL 'true'))		
Remedial action: Informational - this alarm is raised when a card is removed.		

Table 40-60 EthernetPortConfiguredLoopback

Alarm	Attributes	Applicable major releases
Name: EthernetPortConfiguredLoopback (801) Type: configurationAlarm (11) Package: ethernetequipment Raised on class: ethernetequipment.EthernetPortSpecifics	Severity: warning Implicitly cleared: true Default probable cause: ethernetPortConfiguredLoopback (567)	<ul style="list-style-type: none"> • 2.1 • 3.0
Description: The alarm is raised when a timed loopback is in effect for an Ethernet port.		
Raising condition: (('Type' NOT EQUAL 'None'))		
Clearing condition: (('Type' EQUAL 'None'))		
Remedial action: This alarm has been raised by the node because "Timed Loopback" option of the specific port's Ethernet property has been enabled. To resolve this problem from "Ethernet" tab of "Physical Port" properties form configure "Timed Loopback" Type property as "None".		

Table 40-61 EthernetPortDuplicateLane

Alarm	Attributes	Applicable major releases
Name: EthernetPortDuplicateLane (3557) Type: communicationsAlarm (4) Package: ethernetequipment Raised on class: ethernetequipment.EthernetPortSpecifics	Severity: major Implicitly cleared: true Default probable cause: DuplicateLane (1387)	<ul style="list-style-type: none"> • 2.1 • 3.0
Description: The alarm is raised when a device reports a Duplicate Lane on an Ethernet port.		
Raising condition: (('Outstanding Alarms'anyBit'Duplicate Lane') AND ('Report Alarms'anyBit'Duplicate Lane'))		
Clearing condition: NOT (('Outstanding Alarms'anyBit'Duplicate Lane') AND ('Report Alarms'anyBit'Duplicate Lane'))		
Remedial action: One of the following conditions exists on the referenced physical interface which must be corrected. A cable/fiber fault exists which must be corrected - check to ensure that the cable is not faulty and is properly connected. The port is faulty - run diagnostics on the port to determine the nature of the fault. If the problem cannot be resolved swap the card containing the port with a card which is known be functional.		

Table 40-62 EthernetPortHighBer

Alarm	Attributes	Applicable major releases
Name: EthernetPortHighBer (307) Type: communicationsAlarm (4) Package: ethernetequipment Raised on class: ethernetequipment.EthernetPortSpecifics	Severity: major Implicitly cleared: true Default probable cause: HighBer (238)	<ul style="list-style-type: none"> • 2.1 • 3.0
Description: The alarm is raised when a device reports a high bit-error rate on an Ethernet port.		
Raising condition: (('Outstanding Alarms'anyBit'High Bit Error Rate') AND ('Report Alarms'anyBit'High Bit Error Rate'))		
Clearing condition: NOT (('Outstanding Alarms'anyBit'High Bit Error Rate') AND ('Report Alarms'anyBit'High Bit Error Rate'))		
Remedial action: One of the following conditions exists on the physical interface which must be corrected. A cable/fiber fault exists which must be corrected - check to ensure that the cable is not faulty and is properly connected. The port is faulty - run diagnostics on the port to determine the nature of the fault.		

Table 40-63 EthernetPortLocalFault

Alarm	Attributes	Applicable major releases
Name: EthernetPortLocalFault (305) Type: communicationsAlarm (4) Package: ethernetequipment Raised on class: ethernetequipment.EthernetPortSpecifics	Severity: major Implicitly cleared: true Default probable cause: LocalFault (236)	<ul style="list-style-type: none"> • 2.1 • 3.0
Description: The alarm is raised when a device reports a local fault on an Ethernet port.		
Raising condition: (('Outstanding Alarms'anyBit'Local Fault') AND ('Report Alarms'anyBit'Local Fault'))		

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Alarm	Attributes	Applicable major releases
Clearing condition: NOT (('Outstanding Alarms'anyBit'Local Fault') AND ('Report Alarms'anyBit'Local Fault'))		
Remedial action: One of the following conditions exists on the physical interface which must be corrected. A cable/fiber fault exists which must be corrected - check to ensure that the cable is not faulty and is properly connected. The port is faulty - run diagnostics on the port to determine the nature of the fault.		

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Table 40-64 EthernetPortNoAmLock

Alarm	Attributes	Applicable major releases
Name: EthernetPortNoAmLock (3558) Type: communicationsAlarm (4) Package: ethernetequipment Raised on class: ethernetequipment.EthernetPortSpecifics	Severity: major Implicitly cleared: true Default probable cause: NoAmLock (1388)	<ul style="list-style-type: none"> • 2.1 • 3.0
Description: The alarm is raised when a device reports a No Am Lock on an Ethernet port.		
Raising condition: (('Outstanding Alarms'anyBit'No AM Lock') AND ('Report Alarms'anyBit'No AM Lock'))		
Clearing condition: NOT (('Outstanding Alarms'anyBit'No AM Lock') AND ('Report Alarms'anyBit'No AM Lock'))		
Remedial action: One of the following conditions exists on the referenced physical interface which must be corrected. A cable/fiber fault exists which must be corrected - check to ensure that the cable is not faulty and is properly connected. The port is faulty - run diagnostics on the port to determine the nature of the fault. If the problem cannot be resolved swap the card containing the port with a card which is known be functional.		

Table 40-65 EthernetPortNoBlockLock

Alarm	Attributes	Applicable major releases
Name: EthernetPortNoBlockLock (3559) Type: communicationsAlarm (4) Package: ethernetequipment Raised on class: ethernetequipment.EthernetPortSpecifics	Severity: major Implicitly cleared: true Default probable cause: NoBlockLock (1389)	<ul style="list-style-type: none"> • 2.1 • 3.0
Description: The alarm is raised when a device reports a No Block Lock on an Ethernet port.		
Raising condition: (('Outstanding Alarms'anyBit'No Block Lock') AND ('Report Alarms'anyBit'No Block Lock'))		
Clearing condition: NOT (('Outstanding Alarms'anyBit'No Block Lock') AND ('Report Alarms'anyBit'No Block Lock'))		
Remedial action: One of the following conditions exists on the referenced physical interface which must be corrected. A cable/fiber fault exists which must be corrected - check to ensure that the cable is not faulty and is properly connected. The port is faulty - run diagnostics on the port to determine the nature of the fault. If the problem cannot be resolved swap the card containing the port with a card which is known be functional.		

Table 40-66 EthernetPortNoFrameLock

Alarm	Attributes	Applicable major releases
Name: EthernetPortNoFrameLock (306) Type: communicationsAlarm (4) Package: ethernetequipment Raised on class: ethernetequipment.EthernetPortSpecifics	Severity: major Implicitly cleared: true Default probable cause: NoFrameLock (237)	<ul style="list-style-type: none"> • 2.1 • 3.0
Description: The alarm is raised when a device reports No Frame Lock on an Ethernet port.		
Raising condition: (('Outstanding Alarms'anyBit'No Frame Lock') AND ('Report Alarms'anyBit'No Frame Lock'))		
Clearing condition: NOT (('Outstanding Alarms'anyBit'No Frame Lock') AND ('Report Alarms'anyBit'No Frame Lock'))		
Remedial action: One of the following conditions exists on the physical interface which must be corrected. A cable/fiber fault exists which must be corrected - check to ensure that the cable is not faulty and is properly connected. The port is faulty - run diagnostics on the port to determine the nature of the fault.		

Table 40-67 EthernetPortRemoteFault

Alarm	Attributes	Applicable major releases
Name: EthernetPortRemoteFault (304) Type: communicationsAlarm (4) Package: ethernetequipment Raised on class: ethernetequipment.EthernetPortSpecifics	Severity: major Implicitly cleared: true Default probable cause: RemoteFault (235)	<ul style="list-style-type: none"> • 2.1 • 3.0
Description: The alarm is raised when a device reports a remote fault on an Ethernet port.		
Raising condition: (('Outstanding Alarms'anyBit'Remote Fault') AND ('Report Alarms'anyBit'Remote Fault'))		
Clearing condition: NOT (('Outstanding Alarms'anyBit'Remote Fault') AND ('Report Alarms'anyBit'Remote Fault'))		
Remedial action: One of the following conditions exists on the remote physical interface which must be corrected. A cable/fiber fault exists which must be corrected - check to ensure that the cable is not faulty and is properly connected. The port is faulty - run diagnostics on the port to determine the nature of the fault.		

Table 40-68 EthernetPortSignalFailure

Alarm	Attributes	Applicable major releases
Name: EthernetPortSignalFailure (303) Type: communicationsAlarm (4) Package: ethernetequipment Raised on class: ethernetequipment.EthernetPortSpecifics	Severity: major Implicitly cleared: true Default probable cause: SignalFailure (234)	<ul style="list-style-type: none"> • 2.1 • 3.0
Description: The alarm is raised when a device reports a signal failure on an Ethernet port.		
Raising condition: (('Outstanding Alarms'anyBit'Signal Failure') AND ('Report Alarms'anyBit'Signal Failure'))		

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Alarm	Attributes	Applicable major releases
Clearing condition: NOT (('Outstanding Alarms'anyBit'Signal Failure') AND ('Report Alarms'anyBit'Signal Failure'))		
Remedial action: One of the following conditions exists on the physical interface which must be corrected. A cable/fiber fault exists which must be corrected - check to ensure that the cable is not faulty and is properly connected. The port is faulty - run diagnostics on the port to determine the nature of the fault.		

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Table 40-69 ForwardingTableSizeLimitReached

Alarm	Attributes	Applicable major releases
Name: ForwardingTableSizeLimitReached (164) Type: resourceAlarm (28) Package: I2fwd Raised on class: I2fwd.SiteFib	Severity: major Implicitly cleared: true Default probable cause: resourceLimitReached (131)	<ul style="list-style-type: none"> • 2.1 • 3.0
Description: The alarm is raised when the number of MAC address entries in the FIB reaches or exceeds the VPLS site high watermark specified by I2fwd.SiteFib.highWatermark. The alarm clears when the number of MAC address entries in the FIB drops below the VPLS site low watermark specified by I2fwd.SiteFib.lowWatermark. The alarm can be raised against a VPLS site, L2 access interface, or spoke SDP binding.		
Raising condition: (('Entries' >= 'Size') OR ('Entries' >= (('High Watermark' * 'Size') / 100.0)))"		
Clearing condition: (('Entries' < 'Size') AND (('High Watermark' EQUAL '0L') OR ('Entries' < (('Low Watermark' * 'Size') / 100.0))) AND (('Low Watermark' EQUAL '0L') OR ('Entries' < (('Low Watermark' * 'Size') / 100.0)))		
Remedial action: Informational		

Table 40-70 FrameSizeProblem (netw)

Alarm	Attributes	Applicable major releases
Name: FrameSizeProblem (37) Type: configurationAlarm (11) Package: netw Raised on class: netw.StatefullConnectableInterface	Severity: critical Implicitly cleared: true Default probable cause: frameSizeProblem (33)	<ul style="list-style-type: none"> • 2.1 • 3.0
Description: The alarm is raised when a provisioned MTU size value is greater than the supported MTU size value.		
Raising condition: (('mtuMismatch' EQUAL 'true') AND ('portId' NOT EQUAL '0L'))		
Clearing condition: (('mtuMismatch' EQUAL 'false') OR ('portId' EQUAL '0L'))		
Remedial action: A configuration error has been made which must be corrected. The MTU value must be changed such that is less than or equal to the supported MTU size value.		

Table 40-71 FrameSizeProblem (svt)

Alarm	Attributes	Applicable major releases
Name: FrameSizeProblem (37) Type: configurationAlarm (11) Package: svt Raised on class: svt.SdpBinding	Severity: critical Implicitly cleared: true Default probable cause: frameSizeProblem (33)	<ul style="list-style-type: none"> • 2.1 • 3.0
Description: The alarm is raised when a provisioned MTU size value is greater than the supported MTU size value.		
Raising condition: (('Operational State' EQUAL 'MTU Mismatch') OR ('Operational State' EQUAL 'Tunnel MTU Too Small'))		
Clearing condition: (('Operational State' NOT EQUAL 'MTU Mismatch') AND ('Operational State' NOT EQUAL 'Tunnel MTU Too Small'))		
Remedial action: The MTU value must be changed such that is is less than or equal to the supported MTU size value.		

Table 40-72 GaPeerDown

Alarm	Attributes	Applicable major releases
Name: GaPeerDown (3303) Type: EpcAlarm (59) Package: Iteggnsn Raised on class: Iteggnsn.GaPeer	Severity: major Implicitly cleared: true Default probable cause: EPSPeerDown (602)	<ul style="list-style-type: none"> • 2.1 • 3.0
Description: The alarm is raised when the path management state of a Ga peer changes to a state other than Up.		
Raising condition: ('Path Management State' NOT EQUAL 'Active')		
Clearing condition: ('Path Management State' EQUAL 'Active')		
Remedial action: A Ga reference point (peer) is operationally down for one of the following reasons: the underlying IP or physical interface is down, the far end peer is down or the underlying transport between this NE and the peer NE is down. To resolve the issue ensure that the IP/physical interface is up, check that the far end peer is operational and check that the underlying transport network is up.		

Table 40-73 IncompleteConfiguration

Alarm	Attributes	Applicable major releases
Name: IncompleteConfiguration (1942) Type: operationalViolation (93) Package: netw Raised on class: netw.NetworkElement	Severity: warning Implicitly cleared: true Default probable cause: incompleteConfig (225)	<ul style="list-style-type: none"> • 2.1 • 3.0
Description: The alarm is raised when a pre-provisioned NE has no objects configured beneath it.		
Raising condition: (('State' EQUAL 'Pre-provisioned') AND ('eNodeB Equipment' EQUAL '\'))		
Clearing condition: (('State' EQUAL 'Pre-provisioned') AND ('eNodeB Equipment' NOT EQUAL '\'))		
Remedial action: A configuration error has been made which must be corrected. The configuration of the pre-provisioned NE is incomplete. A work order was not associated with the pre-provisioned NE and as a consequence the attempt to auto-configure the NE failed.		

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Table 40-74 InstanceDown (srrp)

Alarm	Attributes	Applicable major releases
Name: InstanceDown (284) Type: configurationAlarm (11) Package: srrp Raised on class: srrp.Instance	Severity: major Implicitly cleared: true Default probable cause: instanceDown (216)	<ul style="list-style-type: none"> • 2.1 • 3.0
Description: The alarm is raised when the 5620 SAM detects that an SRRP instance is operationally down.		
Raising condition: (('Administrative State' EQUAL 'Up') AND ('Operational State' EQUAL 'Initialize'))		
Clearing condition: (('Operational State' NOT EQUAL 'Initialize') OR ('Administrative State' NOT EQUAL 'Up'))		
Remedial action: Check the configuration of the instance		

Table 40-75 InterfaceDown (netw)

Alarm	Attributes	Applicable major releases
Name: InterfaceDown (36) Type: InterfaceAlarm (13) Package: netw Raised on class: netw.StatefullConnectableInterface	Severity: critical Implicitly cleared: true Default probable cause: interfaceDown (32)	<ul style="list-style-type: none"> • 2.1 • 3.0
Description: The alarm is raised when an interface or underlying resource fails, as indicated by an interface compositeState attribute value of failed or underlyingResourceFailed.		
Raising condition: (('compositeState' EQUAL 'Inoperable') OR ('compositeState' EQUAL 'Underlying Resource Inoperable'))		
Clearing condition: (('compositeState' NOT EQUAL 'Inoperable') AND ('compositeState' NOT EQUAL 'Underlying Resource Inoperable'))		
Remedial action: A physical port (physical interface, LAG, channel) associated with the network interface in not operation. Ensure that the interface is cabled and that there is not a configuration error (i.e. MTU size set incorrectly) on the interface. Once the issue w		

Table 40-76 InterfaceDown (vpls)

Alarm	Attributes	Applicable major releases
Name: InterfaceDown (36) Type: configurationAlarm (11) Package: vpls Raised on class: vpls.L2ManagementInterface	Severity: major Implicitly cleared: true Default probable cause: interfaceDown (32)	<ul style="list-style-type: none"> • 2.1 • 3.0
Description: The alarm is raised when an L2 management interface has an Operational State of Down, and the associated VPLS site has an Administrative State of Up.		
Raising condition: (('administrativeState' EQUAL 'Up') AND ('operationalState' NOT EQUAL 'Up'))		
Clearing condition: (('operationalState' EQUAL 'Up') OR ('administrativeState' NOT EQUAL 'Up'))		

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Alarm	Attributes	Applicable major releases
Remedial action: The condition exists because the physical interface is down either because it is administratively disabled, faulty or a cabling fault has occurred. Ensure that the interface is administratively up. Check for a poor cable connection to the port or for a faulty cable/fiber. If neither appears to be the problem run diagnostics on the port to determine if it is faulty.		

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Table 40-77 IsisAdjacencyDown

Alarm	Attributes	Applicable major releases
Name: IsisAdjacencyDown (153) Type: adjacencyAlarm (31) Package: isis Raised on class: isis.Interface	Severity: minor Implicitly cleared: true Default probable cause: IsisInterfaceDown (232)	<ul style="list-style-type: none"> • 2.1 • 3.0
Description: The alarm is raised when an IS-IS interface has no adjacencies, for example, because the IS-IS protocol on the remote site is down.		
Raising condition: (('Adjacency Count' EQUAL '0L') AND ('interfaceClass' NOT EQUAL 'System') AND ('Passive' NOT EQUAL 'True'))		
Clearing condition: (('Adjacency Count' > '0L') OR ('Passive' EQUAL 'True'))		
Remedial action: Check remote site to see if corresponding IS-IS interface is configured and admin up.		

Table 40-78 IsisDown

Alarm	Attributes	Applicable major releases
Name: IsisDown (19) Type: ProtocolAlarm (1) Package: isis Raised on class: isis.Site	Severity: critical Implicitly cleared: true Default probable cause: protocolDown (1)	<ul style="list-style-type: none"> • 2.1 • 3.0
Description: The alarm is raised when an IS-IS site has an Operational State other than Up, and the Administrative State is Up.		
Raising condition: (('Administrative State' EQUAL 'Up') AND ('Operational State' NOT EQUAL 'Up'))		
Clearing condition: (('Operational State' EQUAL 'Up') OR ('Administrative State' NOT EQUAL 'Up'))		
Remedial action: The protocol is not working anymore, could be a problem with IP addresses, resources on the device, ...		

Table 40-79 IsisInterfaceDown

Alarm	Attributes	Applicable major releases
Name: IsisInterfaceDown (301) Type: ProtocolAlarm (1) Package: isis Raised on class: isis.Interface	Severity: warning Implicitly cleared: true Default probable cause: protocolDown (1)	<ul style="list-style-type: none"> • 2.1 • 3.0

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Alarm	Attributes	Applicable major releases
Description: The alarm is raised when an IS-IS interface has an Operational State other than Up.		
Raising condition: ('Operational State' EQUAL 'Down')		
Clearing condition: ('Operational State' NOT EQUAL 'Down')		
Remedial action: Check if underlying port is down, or associated network interface is down.		

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Table 40-80 KeepAliveProblem

Alarm	Attributes	Applicable major releases
Name: KeepAliveProblem (100) Type: oamAlarm (18) Package: svt Raised on class: svt.Tunnel	Severity: warning Implicitly cleared: true Default probable cause: keepAliveFailed (86)	<ul style="list-style-type: none"> • 2.1 • 3.0
Description: The alarm is raised when the 5620 SAM detects a keep-alive protocol status of senderIdInvalid or responderIdError.		
Raising condition: (('Keep-Alive State' NOT EQUAL 'Disabled') AND ('Keep-Alive State' NOT EQUAL 'Alive') AND ('Keep-Alive State' NOT EQUAL 'Unknown'))		
Clearing condition: (('Keep-Alive State' EQUAL 'Disabled') OR ('Keep-Alive State' EQUAL 'Alive') OR ('Keep-Alive State' EQUAL 'Unknown'))		
Remedial action: Check the configuration of this tunnel and underlying physical transport.		

Table 40-81 LabelProblem

Alarm	Attributes	Applicable major releases
Name: LabelProblem (98) Type: CircuitAlarm (17) Package: svt Raised on class: svt.SdpBinding	Severity: critical Implicitly cleared: true Default probable cause: labelProblem (84)	<ul style="list-style-type: none"> • 2.1 • 3.0
Description: The alarm is raised when an ingress or an egress label is missing.		
Raising condition: (('Operational State' EQUAL 'No Egress Label') OR ('Operational State' EQUAL 'No Ingress Label') OR ('Operational State' EQUAL 'No Labels'))		
Clearing condition: (('Operational State' NOT EQUAL 'No Egress Label') AND ('Operational State' NOT EQUAL 'No Ingress Label') AND ('Operational State' NOT EQUAL 'No Labels'))		
Remedial action: An ingress or egress label is missing for the SDP binding.		

Table 40-82 LagDown

Alarm	Attributes	Applicable major releases
Name: LagDown (20) Type: equipmentAlarm (3) Package: lag Raised on class: lag.Interface	Severity: critical Implicitly cleared: true Default probable cause: lagDown (17)	<ul style="list-style-type: none"> • 2.1 • 3.0
Description: The alarm is raised when all ports in a LAG are operationally down.		
Raising condition: (('Administrative State' EQUAL 'Up') AND ('operationalState' NOT EQUAL 'Up'))		
Clearing condition: (('operationalState' EQUAL 'Up') OR ('Administrative State' NOT EQUAL 'Up'))		
Remedial action: This alarm indicates that all physical Ethernet links associated with a LAG are operationally down. The reasons for the links to be down may vary from link to link. The following possible causes of this alarm should be investigated. The physical port (near end or far end) may have failed - this can be remedied by replacing the interface card in question. The physical links may have been turned down administratively - re-enable the links. A cable failure or disconnect may have occurred - please ensure that the cables are properly connected to the physical port and that the cable has not been damaged.		

Table 40-83 LagPortAddFailed

Alarm	Attributes	Applicable major releases
Name: LagPortAddFailed (422) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.PhysicalPort	Severity: warning Implicitly cleared: true Default probable cause: linkDown (315)	<ul style="list-style-type: none"> • 2.1 • 3.0
Description: The alarm is raised when the Lag Port Add function Fails.		
Raising condition: (('state' EQUAL 'Link Down') AND ('LAG ID' > '0'))		
Clearing condition: (('state' NOT EQUAL 'Link Down') OR ('LAG ID' EQUAL '0'))		
Remedial action: A configuration error has occurred which must be corrected. The link that was to be added to the LAG group may be of the wrong type (i.e. non ethernet) or the limit of the number of links supported in a LAG may have been reached.		

Table 40-84 LdpDown

Alarm	Attributes	Applicable major releases
Name: LdpDown (22) Type: ProtocolAlarm (1) Package: ldp Raised on class: ldp.Site	Severity: critical Implicitly cleared: true Default probable cause: protocolDown (1)	<ul style="list-style-type: none"> • 2.1 • 3.0
Description: The alarm is raised when an LDP site has an Operational State other than Up, and the Administrative State is Up.		
Raising condition: (('Administrative State' EQUAL 'Up') AND ('Operational State' NOT EQUAL 'Up'))		
Clearing condition: (('Operational State' EQUAL 'Up') OR ('Administrative State' NOT EQUAL 'Up'))		
Remedial action: Check operational state down reason and update accordingly.		

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Table 40-85 LdpSessionNonexistent

Alarm	Attributes	Applicable major releases
Name: LdpSessionNonexistent (2954) Type: LdpSessionAlarm (101) Package: ldp Raised on class: ldp.Session	Severity: critical Implicitly cleared: true Default probable cause: LdpSessionDown (1149)	<ul style="list-style-type: none"> • 2.1 • 3.0
Description: The alarm is raised when an LDP session is non-existent.		
Raising condition: ('Session State' EQUAL 'Non-existent')		
Clearing condition: ('Session State' EQUAL 'Operational')		
Remedial action: Please check the LDP session path to make sure all associated protocols/interfaces/connections are OK.		

Table 40-86 LdpTargetedPeerDown

Alarm	Attributes	Applicable major releases
Name: LdpTargetedPeerDown (23) Type: ProtocolAlarm (1) Package: ldp Raised on class: ldp.TargetedPeer	Severity: critical Implicitly cleared: true Default probable cause: protocolDown (1)	<ul style="list-style-type: none"> • 2.1 • 3.0
Description: The alarm is raised when an LDP targeted peer is operationally down.		
Raising condition: (('administrativeState' EQUAL 'Up') AND ('operationalState' NOT EQUAL 'Up'))		
Clearing condition: (('operationalState' EQUAL 'Up') OR ('administrativeState' NOT EQUAL 'Up'))		
Remedial action: Please check the route to LDP targeted peer to make sure all associated protocols/interfaces/connections are OK.		

Table 40-87 LicensedLimitExceeded

Alarm	Attributes	Applicable major releases
Name: LicensedLimitExceeded (127) Type: licensingAlarm (23) Package: security Raised on class: security.ProductLicense	Severity: critical Implicitly cleared: true Default probable cause: licensedLimitExceeded (106)	<ul style="list-style-type: none"> • 2.1 • 3.0
Description: The alarm is raised when the license items in the network exceeds 100 percent of the license capacity.		
Raising condition: ('Exceeded' EQUAL 'true')		
Clearing condition: ('Exceeded' NOT EQUAL 'true')		
Remedial action: Informational - The number of SAM licenses purchased and available on the SAM server is insufficient as compared to the number of NEs/MDA/Cells under management in the network. Please contact Alcatel-Lucent Sales to purchase additional licenses.		

Table 40-88 LinkDown (equipment)

Alarm	Attributes	Applicable major releases
Name: LinkDown (12) Type: communicationsAlarm (4) Package: equipment Raised on class: equipment.Equipment	Severity: major Implicitly cleared: true Default probable cause: portLinkProblem (10)	<ul style="list-style-type: none"> • 2.1 • 3.0
Description: The alarm is raised when a port has no associated physical link or remote end point is operationally down.		
Raising condition: (('compositeEquipmentState' EQUAL 'Link Down') OR ('compositeEquipmentState' EQUAL 'Oper Down'))		
Clearing condition: (('compositeEquipmentState' NOT EQUAL 'Link Down') AND ('compositeEquipmentState' NOT EQUAL 'Oper Down'))		
Remedial action: Please make sure that port has physical link and remote end point is operationally up.		

Table 40-89 LocalRncvOperDown

Alarm	Attributes	Applicable major releases
Name: LocalRncvOperDown (521) Type: redundancyAlarm (52) Package: multichassis Raised on class: multichassis.MultiChassisRingNode	Severity: major Implicitly cleared: true Default probable cause: localRncvDisconnected (396)	<ul style="list-style-type: none"> • 2.1 • 3.0
Description: The alarm is raised when the local RNCV Operational State of a ring node is other than Connected or NotTested, which means that the ring node is not connected to the local MC ring group. The alarm clears when the ring node enters the Connected or NotTested state.		
Raising condition: (('Local Operational State' NOT EQUAL 'Connected') AND ('Local Operational State' NOT EQUAL 'Not Tested'))		
Clearing condition: (('Local Operational State' EQUAL 'Connected') OR ('Local Operational State' EQUAL 'Not Tested'))		
Remedial action: Make sure that ring node is properly connected to MC ring group.		

Table 40-90 LowTemperatureDetected

Alarm	Attributes	Applicable major releases
Name: LowTemperatureDetected (1127) Type: environmentalAlarm (2) Package: equipment Raised on class: equipment.Shelf	Severity: major Implicitly cleared: true Default probable cause: equipmentOvercooled (838)	<ul style="list-style-type: none"> • 2.1 • 3.0
Description: The alarm is raised when the chassis temperature falls below the minimum threshold.		
Raising condition: ('Low Temperature State' EQUAL 'Low')		
Clearing condition: ('Low Temperature State' NOT EQUAL 'Low')		
Remedial action: The NE has detected internal temperatures which are abnormally low. This may happen when the environment that the NE is operating in may not be within specifications found in the NE user guides.		

Table 40-91 LspDown

Alarm	Attributes	Applicable major releases
Name: LspDown (25) Type: pathAlarm (12) Package: mpls Raised on class: mpls.Lsp	Severity: critical Implicitly cleared: true Default probable cause: LspDown (19)	<ul style="list-style-type: none"> • 2.1 • 3.0
Description: The alarm is raised when the Operational State of an LSP is Down, but the Administrative State is Up.		
Raising condition: (('administrativeState' EQUAL 'Up') AND ('operationalState' NOT EQUAL 'Up'))		
Clearing condition: (('operationalState' EQUAL 'Up') OR ('administrativeState' NOT EQUAL 'Up'))		
Remedial action: So many things can cause LSP down, check if source and destination interfaces are down, LSP path is down and the failure code, or MPLS path is down...		

Table 40-92 LspPathBypassTunnelActive

Alarm	Attributes	Applicable major releases
Name: LspPathBypassTunnelActive (264) Type: pathAlarm (12) Package: mpls Raised on class: mpls.LspPath	Severity: warning Implicitly cleared: true Default probable cause: LspPathReroutedToBypassTunnel (197)	<ul style="list-style-type: none"> • 2.1 • 3.0
Description: The alarm is raised when an LSP primary path is rerouted to the bypass tunnel. The alarm clears when the primary path returns to the original tunnel and the actual hop returns to the primary path.		
Raising condition: ('Bypass Tunnel Active' EQUAL 'true')		
Clearing condition: ('Bypass Tunnel Active' EQUAL 'false')		
Remedial action: There is a problem with the original path, check what is the problem and fix it if possible.		

Table 40-93 LspPathDown

Alarm	Attributes	Applicable major releases
Name: LspPathDown (26) Type: pathAlarm (12) Package: mpls Raised on class: mpls.LspPath	Severity: major Implicitly cleared: true Default probable cause: LspPathDown (20)	<ul style="list-style-type: none"> • 2.1 • 3.0
Description: The alarm is raised when an LSP path is operationally down.		
Raising condition: (('Administrative' EQUAL 'Up') AND ('Operational' NOT EQUAL 'Up') AND ('Type' EQUAL 'Standby'))		
Clearing condition: (('Operational' EQUAL 'Up') OR ('Administrative' NOT EQUAL 'Up') OR ('Type' EQUAL 'Secondary'))		
Remedial action: Check the failure code and update accordingly, e.g. whether MPLS/RSVP interfaces, OSPF interfaces are down.		

Table 40-94 macMoveRateExceeded (service)

Alarm	Attributes	Applicable major releases
Name: macMoveRateExceeded (3690) Type: accessInterfaceAlarm (40) Package: service Raised on class: service.AccessInterface	Severity: minor Implicitly cleared: true Default probable cause: MacMoveRateExceeded (1429)	<ul style="list-style-type: none"> • 2.1 • 3.0
Description: The alarm is raised when the SAP exceeds the MAC Move Frequency of the service site.		
Raising condition: ('State Cause'anyBit'Relearn Limit Exceeded')		
Clearing condition: NOT (('State Cause'anyBit'Relearn Limit Exceeded'))		
Remedial action: Informational.		

Table 40-95 macMoveRateExceeded (svt)

Alarm	Attributes	Applicable major releases
Name: macMoveRateExceeded (3690) Type: SpokeSdpBindingAlarm (104) Package: svt Raised on class: svt.SpokeSdpBinding	Severity: minor Implicitly cleared: true Default probable cause: MacMoveRateExceeded (1429)	<ul style="list-style-type: none"> • 2.1 • 3.0
Description: The alarm is raised when the SDP exceeds the Service Site's MAC Move Frequency.		
Raising condition: ('operationalFlags'anyBit'Relearn Limit Exceeded')		
Clearing condition: NOT (('operationalFlags'anyBit'Relearn Limit Exceeded'))		
Remedial action: Check Service Site MAC move frequency or underlying physical link to understand issue.		

Table 40-96 macMoveRateExceededNonBlock (service)

Alarm	Attributes	Applicable major releases
Name: macMoveRateExceededNonBlock (4893) Type: accessInterfaceAlarm (40) Package: service Raised on class: service.AccessInterface	Severity: info Implicitly cleared: true Default probable cause: MacMoveRateExceededNonBlock (1951)	<ul style="list-style-type: none"> • 2.1 • 3.0
Description: The alarm is raised when the SAP exceeds the MAC Move Frequency of the service site when limitMacMove(sapTIsLimitMacMove) is set to 'nonBlocking'.		
Raising condition: ('State Cause'anyBit'Relearn Limit Exceeded')		
Clearing condition: NOT (('State Cause'anyBit'Relearn Limit Exceeded'))		
Remedial action: Informational - User can adjust the value of 'MAC Move Maximum Rate' to reduce the frequency of this alarm.		

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Table 40-97 macMoveRateExceededNonBlock (svt)

Alarm	Attributes	Applicable major releases
Name: macMoveRateExceededNonBlock (4893) Type: SpokeSdpBindingAlarm (104) Package: svt Raised on class: svt.SpokeSdpBinding	Severity: info Implicitly cleared: true Default probable cause: MacMoveRateExceededNonBlock (1951)	<ul style="list-style-type: none"> • 2.1 • 3.0
Description: The alarm is raised when the SDP exceeds the Service Site's MAC Move Frequency even when limitMacMove(sdpBindTIsLimitMacMove) is set to 'nonBlocking'.		
Raising condition: ('operationalFlags'anyBit'Relearn Limit Exceeded')		
Clearing condition: NOT (('operationalFlags'anyBit'Relearn Limit Exceeded'))		
Remedial action: Informational - User can adjust the value of 'MAC Move Maximum Rate' to reduce the frequency of this alarm.		

Table 40-98 MCLagDown (lag)

Alarm	Attributes	Applicable major releases
Name: MCLagDown (394) Type: equipmentAlarm (3) Package: lag Raised on class: lag.MultiChassisLagSpecifics	Severity: critical Implicitly cleared: true Default probable cause: mCLagDown (295)	<ul style="list-style-type: none"> • 2.1 • 3.0
Description: The alarm is raised when all ports in an MC LAG are operationally down.		
Raising condition: (('administrativeState' EQUAL 'Up') AND ('operationalState' NOT EQUAL 'Up'))		
Clearing condition: (('operationalState' EQUAL 'Up') OR ('administrativeState' NOT EQUAL 'Up'))		
Remedial action: This alarm indicates that all physical Ethernet links associated with a LAG are operationally down. The reasons for the links to be down may vary from link to link. The following possible causes of this alarm should be investigated. The physical port (near end or far end may have failed - this can be remedied by replacing the interface card in question. The physical links may have been turned down administratively - re-enable the links. A cable failure or disconnect may have occurred - please ensure that the cables are properly connected to the physical port and and that the cable has not been damaged.		

Table 40-99 MepAISReceivedAlarm

Alarm	Attributes	Applicable major releases
Name: MepAISReceivedAlarm (2945) Type: oamAlarm (18) Package: ethernetoam Raised on class: ethernetoam.Mep	Severity: variable Implicitly cleared: true Default probable cause: missingRemoteMep (388)	<ul style="list-style-type: none"> • 2.1 • 3.0
Description: The alarm is raised when a MEP receives AIS test frames from one or more of its sub-layer MEPs.		
Raising condition: (('AIS Received (AisRx)' EQUAL 'true') AND ('Facility VLAN ID' EQUAL '0'))		
Clearing condition: ('AIS Received (AisRx)' EQUAL 'false')		

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Alarm	Attributes	Applicable major releases
Remedial action: This alarm indicates that it has received a MEP fault from a sub-layer MEP, user should investigate the fault cause on the sub-layer MEP and resolve this root cause issue.		

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Table 40-100 MissingLocalEntry

Alarm	Attributes	Applicable major releases
Name: MissingLocalEntry (291) Type: configurationAlarm (11) Package: I2fwd Raised on class: I2fwd.ServiceMacProtection	Severity: minor Implicitly cleared: true Default probable cause: Protected_Mac_Address_Not_Global (222)	<ul style="list-style-type: none"> • 2.1 • 3.0
Description: The alarm is raised when a protected MAC address is not configured on all sites of a VPLS. This can occur if the protected MAC address is added or removed using a CLI.		
Raising condition: ('isEntryGlobal' EQUAL 'false')		
Clearing condition: ('isEntryGlobal' EQUAL 'true')		
Remedial action: Configure the 'Protected MAC Address' on all the VPLS sites.		

Table 40-101 MobileConnectorDown

Alarm	Attributes	Applicable major releases
Name: MobileConnectorDown (1064) Type: EpcAlarm (59) Package: Iteservice Raised on class: Iteservice.MobileServiceConnector	Severity: minor Implicitly cleared: true Default probable cause: EpcDown (519)	<ul style="list-style-type: none"> • 2.1 • 3.0
Description: The alarm is raised when the 5620 SAM no longer manages the EPS path instance of this mobile service site. As a result, the service must be regenerated.		
Raising condition: ('EPS Path' EQUAL '\')		
Clearing condition: ('EPS Path' NOT EQUAL '\')		
Remedial action: The underlying transport network has gone down resulting in the deletion of a mobile service connector (EPS path). Correct the issue with the transport network and regenerate the mobile service connector by clicking on the re-calculate button on the mobile service properties form.		

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Table 40-102 MplsDown

Alarm	Attributes	Applicable major releases
Name: MplsDown (27) Type: ProtocolAlarm (1) Package: mpls Raised on class: mpls.Site	Severity: critical Implicitly cleared: true Default probable cause: protocolDown (1)	<ul style="list-style-type: none"> • 2.1 • 3.0
Description: The alarm is raised when an MPLS site has an Operational State other than Up, and the Administrative State is Up.		
Raising condition: (('Administrative State' EQUAL 'Up') AND ('Operational State' NOT EQUAL 'Up'))		
Clearing condition: (('Operational State' EQUAL 'Up') OR ('Administrative State' NOT EQUAL 'Up'))		
Remedial action: Check operational down reason and update accordingly.		

Table 40-103 MplsPathUpdateFailed

Alarm	Attributes	Applicable major releases
Name: MplsPathUpdateFailed (1066) Type: pathAlarm (12) Package: mpls Raised on class: mpls.LspPath	Severity: major Implicitly cleared: true Default probable cause: mbbRetryExceeded (804) Applicable probable causes: <ul style="list-style-type: none"> • mbbRetryExceeded • lspPathGoingDown • startingHighPriMbb • restartingMbb • highPriMbbInProg 	<ul style="list-style-type: none"> • 2.1 • 3.0
Description: The alarm is raised when an MPLS path update fails because of an MBB problem. The alarm clears when the MBB status changes to Successful.		
Raising condition: (('mbbStatus' NOT EQUAL 'None') AND ('mbbStatus' NOT EQUAL 'Successful'))		
Clearing condition: (('Last Performed State' EQUAL 'Success') OR ('Administrative' EQUAL 'Down') OR (('Operational' EQUAL 'Up') AND ('Last Performed State' EQUAL 'None')))		
Remedial action: Based on the probable cause, change the parameters and update the path again.		

Table 40-104 MrpAttrTblSizeLimitReached

Alarm	Attributes	Applicable major releases
Name: MrpAttrTblSizeLimitReached (574) Type: resourceAlarm (28) Package: I2fwd Raised on class: I2fwd.SiteMrp	Severity: major Implicitly cleared: true Default probable cause: resourceLimitReached (131)	<ul style="list-style-type: none"> • 2.1 • 3.0
Description: The alarm is raised when the number of MRP attribute table entries for a service site exceeds the high watermark specified by I2fwd.SiteMrp.mrpAttrTblHighWatermark. The alarm clears when the number of MRP attribute table entries for the site drops below the low watermark specified by I2fwd.SiteMrp.mrpAttrTblLowWatermark.		

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Alarm	Attributes	Applicable major releases
Raising condition: (('MRP Attribute Count' >=" 'MRP Max Attributes') OR ('MRP Attribute Count' >= (('MRP Attribute-Table-High-Watermark' * 'MRP Max Attributes') / 100.0)))"		
Clearing condition: (('MRP Attribute Count' < 'MRP Max Attributes') AND (('MRP Attribute-Table-High-Watermark' EQUAL '0') OR ('MRP Attribute Count' < (('MRP Attribute-Table-Low-Watermark' * 'MRP Max Attributes') / 100.0))) AND (('MRP Attribute-Table-Low-Watermark' EQUAL '0') OR ('MRP Attribute Count' < (('MRP Attribute-Table-Low-Watermark' * 'MRP Max Attributes') / 100.0))))		
Remedial action: Informational		

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Table 40-105 MsPwFecRetryExpired

Alarm	Attributes	Applicable major releases
Name: MsPwFecRetryExpired (3694) Type: serviceAlarm (16) Package: svt Raised on class: svt.SpokeSdpFec	Severity: minor Implicitly cleared: true Default probable cause: msPwFecRetryExpired (1433)	<ul style="list-style-type: none"> • 2.1 • 3.0
Description: The alarm is raised when a trap is received because of retry expired. The alarm is cleared when the retry starts again.		
Raising condition: ('Retry Expired' EQUAL 'true')		
Clearing condition: ('Retry Expired' EQUAL 'false')		
Remedial action: May need to shutdown the multi-segment pseudo-wire provider edge to restart the retries.		

Table 40-106 MultiChassisRingDown

Alarm	Attributes	Applicable major releases
Name: MultiChassisRingDown (520) Type: redundancyAlarm (52) Package: multichassis Raised on class: multichassis.MultiChassisRing	Severity: major Implicitly cleared: true Default probable cause: ringDown (395)	<ul style="list-style-type: none"> • 2.1 • 3.0
Description: The alarm is raised when a MC ring group Operational State is not in the Connected state. The alarm is cleared when the ring group enters the Connected state.		
Raising condition: ('Operational State' NOT EQUAL 'Connected')		
Clearing condition: ('Operational State' EQUAL 'Connected')		
Remedial action: Check if MC ring is admin down, MC Sync is operational up, In-Band Control Connection is up, ring node is up ...		

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Table 40-107 MvrConfiguredFromVplsNotExist

Alarm	Attributes	Applicable major releases
Name: MvrConfiguredFromVplsNotExist (219) Type: configurationAlarm (11) Package: vpls Raised on classes: <ul style="list-style-type: none"> vpls.L2AccessInterfaceMldMvrCfg vpls.L2AccessInterfaceMvrCfg 	Severity: warning Implicitly cleared: true Default probable cause: MvrConfiguredFromVplsNotExist (164)	<ul style="list-style-type: none"> 2.1 3.0
Description: The alarm is raised when an MVR source is an MVR VPLS that does not exist. The alarm clears when the MVR VPLS is created.		
Raising condition: ('fromVplsExists' EQUAL 'false')		
Clearing condition: (('fromVplsExists' EQUAL 'true') OR ('fromVplsId' EQUAL '0L'))		
Remedial action: Create the missing MVR VPLS.		

Table 40-108 MvrConfiguredProxySapNotExist

Alarm	Attributes	Applicable major releases
Name: MvrConfiguredProxySapNotExist (220) Type: configurationAlarm (11) Package: vpls Raised on classes: <ul style="list-style-type: none"> vpls.L2AccessInterfaceMldMvrCfg vpls.L2AccessInterfaceMvrCfg 	Severity: warning Implicitly cleared: true Default probable cause: MvrConfiguredProxySapNotExist (165)	<ul style="list-style-type: none"> 2.1 3.0
Description: The alarm is raised when a configured MVR proxy SAP does not exist. The alarm clears when the proxy SAP is created.		
Raising condition: ('proxySapExists' EQUAL 'false')		
Clearing condition: ('proxySapExists' EQUAL 'true')		
Remedial action: Create the missing proxy SAP.		

Table 40-109 MvrSiteDown

Alarm	Attributes	Applicable major releases
Name: MvrSiteDown (162) Type: ProtocolAlarm (1) Package: layer2 Raised on class: layer2.MvrSite	Severity: warning Implicitly cleared: true Default probable cause: protocolDown (1)	<ul style="list-style-type: none"> 2.1 3.0
Description: The alarm is raised when MVR is disabled on an NE and a TLS VLAN or MVR VLAN service is provisioned on the NE.		
Raising condition: ('MVR Admin Status' EQUAL 'Disabled')		
Clearing condition: ('MVR Admin Status' EQUAL 'Enabled')		

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Alarm	Attributes	Applicable major releases
Remedial action: To clear the alarm, enable MVR Admin Status under the Bridge Instance.		

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Table 40-110 NeighborDown

Alarm	Attributes	Applicable major releases
Name: NeighborDown (121) Type: NeighborDown (20) Package: ospf Raised on class: ospf.AbstractNeighbor	Severity: major Implicitly cleared: true Default probable cause: NeighborDown (103)	<ul style="list-style-type: none"> • 2.1 • 3.0
Description: The alarm is raised when an OSPF interface neighbor is operationally Down.		
Raising condition: ('Operational State' NOT EQUAL 'full')		
Clearing condition: ('Operational State' EQUAL 'full')		
Remedial action: This alarm is raised when the OSPF interface neighbor is operationally down. The situation may occur if the underlying physical interface is down either because of administrative disabling or a fault on the far end port or due to a cable connection or cable failure. This alarm will also be raised if the underlying transport network fails or is unreliable. Resolving the underlying instability in the transport network will correct this problem.		

Table 40-111 NeManagementAndTrapManagementMismatch

Alarm	Attributes	Applicable major releases
Name: NeManagementAndTrapManagementMismatch (1079) Type: communicationsAlarm (4) Package: netw Raised on class: netw.NetworkElement	Severity: warning Implicitly cleared: true Default probable cause: neManagementChange (817)	<ul style="list-style-type: none"> • 2.1 • 3.0
Description: This user-defined alarm is raised when the NE configuration is one of the following: - The Active Management IP is set to Out Of Band, and the Primary Route Preference is set to In Band. - The Active Management IP is set to In Band, and the Primary Route Preference is set to Out of Band.		
Raising condition: (((('Active Management IP' EQUAL 'In Band') AND (('Management IP Selection' EQUAL 'In Band Preferred') OR ('Management IP Selection' EQUAL 'In Band Only'))) AND ('Primary Route Preference' EQUAL 'Out Of Band') AND ('Secondary Route Preference' EQUAL 'In Band')) OR (('Active Management IP' EQUAL 'Out Of Band') AND (('Management IP Selection' EQUAL 'Out Of Band Preferred') OR ('Management IP Selection' EQUAL 'Out Of Band Only'))) AND ('Primary Route Preference' EQUAL 'In Band') AND ('Secondary Route Preference' EQUAL 'Out Of Band'))		
Clearing condition: (((('Active Management IP' EQUAL 'In Band') AND (('Management IP Selection' EQUAL 'In Band Preferred') OR ('Management IP Selection' EQUAL 'In Band Only'))) AND ('Primary Route Preference' EQUAL 'In Band')) OR (('Active Management IP' EQUAL 'Out Of Band') AND (('Management IP Selection' EQUAL 'Out Of Band Preferred') OR ('Management IP Selection' EQUAL 'Out Of Band Only'))) AND ('Primary Route Preference' EQUAL 'Out Of Band'))		
Remedial action: A configuration error has been made which must be corrected. The parameters described in the description for this alarm must match.		

Table 40-112 NewSsh2ServerKeyDetected

Alarm	Attributes	Applicable major releases
Name: NewSsh2ServerKeyDetected (285) Type: communicationsAlarm (4) Package: security Raised on class: security.KnownHostKey	Severity: warning Implicitly cleared: true Default probable cause: ssh2ServerKeyMismatch (217)	<ul style="list-style-type: none"> • 2.1 • 3.0
Description: The alarm is raised when a 5620 SAM main server detects a new public SSH key.		
Raising condition: ('SSH2 Server Key Status' EQUAL 'Mismatch SSH2 Host Key')		
Clearing condition: ('SSH2 Server Key Status' EQUAL 'Active SSH2 Host Key')		
Remedial action: Informational - possible security breach. The SSH key of the router is different from the one known to the SAM server.		

Table 40-113 NodeDatabaseFallbackDetected

Alarm	Attributes	Applicable major releases
Name: NodeDatabaseFallbackDetected (2923) Type: communicationsAlarm (4) Package: netw Raised on class: netw.NetworkElement	Severity: major Implicitly cleared: true Default probable cause: nodeDatabaseFallback (1121)	<ul style="list-style-type: none"> • 2.1 • 3.0
Description: The alarm is raised when a configuration fallback is detected on the node and comes back up with a previous configuration. To correct this situation it might be necessary to reconfigure the node, or perform full resync its database with the 'fallback' configuration returned by the node.		
Raising condition: ('State' EQUAL 'Node Configuration Fallback')		
Clearing condition: ('State' EQUAL 'Managed')		
Remedial action: the NE has come back to a previous configuration. Perform a manual Full Resync or a Reconfigure of the NE		

Table 40-114 NodeDatabaseMisalignmentDetected

Alarm	Attributes	Applicable major releases
Name: NodeDatabaseMisalignmentDetected (2924) Type: communicationsAlarm (4) Package: netw Raised on class: netw.NetworkElement	Severity: major Implicitly cleared: true Default probable cause: nodeDatabaseMisalignment (1122)	<ul style="list-style-type: none"> • 2.1 • 3.0
Description: The alarm is raised when a configuration misalignment has been detected on the node and comes back up with an unexpected configuration (configuration change triggered by external tool) To correct this situation it might be necessary to reconfigure the node with the 5620 SAM's old configuration or accept the new configuration received from the node.		
Raising condition: ('State' EQUAL 'Node Configuration Misalignment')		
Clearing condition: ('State' EQUAL 'Managed')		
Remedial action: the NE configuration is misaligned. Perform a resync in order to update SAM configuration according to the NE.		

Table 40-115 NodeSuspended

Alarm	Attributes	Applicable major releases
Name: NodeSuspended (5123) Type: communicationsAlarm (4) Package: netw Raised on class: netw.NetworkElement	Severity: critical Implicitly cleared: true Default probable cause: NodeSuspend (2057)	<ul style="list-style-type: none"> • 2.1 • 3.0
Description: The alarm is raised when the 5620 SAM detects an NE moved to suspend state as per user request.		
Raising condition: ('SNMP Reachability' EQUAL 'Suspended')		
Clearing condition: ('SNMP Reachability' NOT EQUAL 'Suspended')		
Remedial action: This alarm is raised when user suspends the network element. The alarm will be cleared when the network element is managed back.		

Table 40-116 NoPeerMcRingFound

Alarm	Attributes	Applicable major releases
Name: NoPeerMcRingFound (782) Type: configurationAlarm (11) Package: multichassis Raised on class: multichassis.MultiChassisRing	Severity: major Implicitly cleared: true Default probable cause: IncompleteConfig (557)	<ul style="list-style-type: none"> • 2.1 • 3.0
Description: The alarm is raised when the 5620 SAM cannot find the peer MC ring.		
Raising condition: ('Peer Multi-Chassis Ring' EQUAL '\')		
Clearing condition: ('Peer Multi-Chassis Ring' NOT EQUAL '\')		
Remedial action: Configure the missing peered MC ring, or delete this one if it is not used.		

Table 40-117 NTPOperDown

Alarm	Attributes	Applicable major releases
Name: NTPOperDown (4879) Type: communicationsAlarm (4) Package: ntp Raised on class: ntp.NTP	Severity: info Implicitly cleared: true Default probable cause: NTPOperDown (1943)	<ul style="list-style-type: none"> • 2.1 • 3.0
Description: The alarm is generated when the NTP Operational State is down for NTP.		
Raising condition: (('Operational State' EQUAL 'Down') AND ('NTP State' EQUAL 'Enabled'))		
Clearing condition: (('Operational State' EQUAL 'Up') OR ('NTP State' EQUAL 'Disabled'))		
Remedial action: Please check if NTP is administratively enabled (Admin State in NTP General Tab). If admin state down, enable it to make NTP operationally up.		

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Table 40-118 OrphanNodeDetected

Alarm	Attributes	Applicable major releases
Name: OrphanNodeDetected (4866) Type: discoveryControlAlarm (33) Package: netw Raised on class: netw.AdvertisedNode	Severity: major Implicitly cleared: true Default probable cause: nodeNotMangedByAnyEms (1934)	<ul style="list-style-type: none"> • 2.1 • 3.0
Description: The alarm is raised when node is node managed by any EMS after n retries(threshold crossed) it is manually cleared by the operator or when the node is discovered.		
Raising condition: ('State' EQUAL 'Orphan')		
Remedial action: The NE is not managed by any SAM.Add an discovery rule in order to managed it.		

Table 40-119 OspflInterfaceDown

Alarm	Attributes	Applicable major releases
Name: OspflInterfaceDown (141) Type: OspflInterfaceDown (24) Package: ospf Raised on class: ospf.Interface	Severity: warning Implicitly cleared: true Default probable cause: OspflInterfaceDown (112)	<ul style="list-style-type: none"> • 2.1 • 3.0
Description: The alarm is raised when an OSPF interface is operationally down.		
Raising condition: ('operationalState' EQUAL 'Down')		
Clearing condition: ('operationalState' NOT EQUAL 'Down')		
Remedial action: This alarm is raised when the OSPF interface is operationally down. The situation may occur if the underlying physical interface is down either because of administrative disabling or a fault on the far end port or due to a cable connection or cable failure. This alarm will also be raised if the underlying transport network fails or is unreliable. Resolving the underlying instability in the transport network will correct this problem.		

Table 40-120 OverTemperatureDetected

Alarm	Attributes	Applicable major releases
Name: OverTemperatureDetected (388) Type: environmentalAlarm (2) Package: equipment Raised on class: equipment.Shelf	Severity: major Implicitly cleared: true Default probable cause: equipmentOverheated (5)	<ul style="list-style-type: none"> • 2.1 • 3.0
Description: The alarm is raised when the chassis temperature exceeds the maximum threshold value.		
Raising condition: ('Over Temperature State' EQUAL 'Over')		
Clearing condition: ('Over Temperature State' NOT EQUAL 'Over')		
Remedial action: The NE has detected internal temperatures which are abnormally high. This could be caused by a failed fan unit or one or more dirty fan filters. Replacing the failed unit or filters should resolve the problem. Alternately the environment that the NE is operating in may not be within specifications found in the NE user guides.		

Table 40-121 P2MPLSPDown

Alarm	Attributes	Applicable major releases
Name: P2MPLSPDown (4378) Type: pathAlarm (12) Package: mpls Raised on class: mpls.P2MPDynamicLsp	Severity: critical Implicitly cleared: true Default probable cause: P2MPLSPDown (1563)	<ul style="list-style-type: none"> • 2.1 • 3.0
Description: The alarm is raised when the P2MP LSP Administrative State is Up and the Operational State is Down. The alarm clears when the P2MP LSP Operational State changes to Up or the Administrative State changes to Down.		
Raising condition: (('Administrative' EQUAL 'Up') AND ('Operational' NOT EQUAL 'Up'))		
Clearing condition: (('Operational' EQUAL 'Up') OR ('Administrative' NOT EQUAL 'Up'))		
Remedial action: The operational state of the P2MP LSP is down, despite the administrative state being up. Review the P2MP Primary Instance or S2LPath to make sure it was configured correctly and Administrative state is up. The physical port near end or far end may have failed - this can be remedied by replacing the interface card in question. The physical links may have been turned down administratively - re-enable the links. A cable failure or disconnect may have occurred - please ensure that the cables are properly connected to the physical port and and that the cable has not been damaged.		

Table 40-122 PartialResyncProblem

Alarm	Attributes	Applicable major releases
Name: PartialResyncProblem (4401) Type: communicationsAlarm (4) Package: netw Raised on class: netw.NetworkElement	Severity: warning Implicitly cleared: true Default probable cause: partialResyncProblem (1578)	<ul style="list-style-type: none"> • 2.1 • 3.0
Description: The alarm is raised when a partial resync on an NE fails. For example, when resyncing only some MIB entries as opposed to a full resync. The periodic reachability test (sysUpTime) is not considered a partial resync, neither is a full resync. However, a PartialResyncProblem alarm can only be reset by a FullResync.		
Raising condition: ('partialResyncStatus' EQUAL 'Partial Resync Failed')		
Clearing condition: ('partialResyncStatus' EQUAL 'Partial Resync Done')		
Remedial action: Informational - if the alarm persists or is occurring frequently then investigation is required to understand a) why the underlying transport network is unreliable or b) why the NE is too busy to respond to 5620 SAM or c) has SNMP been disabled on the NE.		

Table 40-123 PeerConnectionDown (bgp)

Alarm	Attributes	Applicable major releases
Name: PeerConnectionDown (2) Type: ProtocolAlarm (1) Package: bgp Raised on class: bgp.Peer	Severity: critical Implicitly cleared: true Default probable cause: connectionDown (2)	<ul style="list-style-type: none"> • 2.1 • 3.0
Description: The alarm is raised when a BGP peer has a Connection State other than Established, and the Administrative State of the BGP peer is Up.		

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Alarm	Attributes	Applicable major releases
Raising condition: (('Connection State' NOT EQUAL 'Established') AND ('Administrative State' EQUAL 'Up'))		
Clearing condition: (('Connection State' EQUAL 'Established') OR ('Administrative State' NOT EQUAL 'Up'))		
Remedial action: A mismatch in configuration may have occurred. Check the configuration of both peers to rule out a mismatched configuration.		

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Table 40-124 PeerDown (bgp)

Alarm	Attributes	Applicable major releases
Name: PeerDown (1) Type: ProtocolAlarm (1) Package: bgp Raised on class: bgp.Peer	Severity: critical Implicitly cleared: true Default probable cause: protocolDown (1)	<ul style="list-style-type: none"> • 2.1 • 3.0
Description: The alarm is raised when a BGP peer has an Operational State other than Up, and the Administrative State is Up.		
Raising condition: (('Administrative State' EQUAL 'Up') AND ('Operational State' NOT EQUAL 'Up'))		
Clearing condition: (('Operational State' EQUAL 'Up') OR ('Administrative State' NOT EQUAL 'Up'))		
Remedial action: The BGP peer entity is down - administratively disable the BGP peer and re-enable it. If toggling the administrative state does not solve the problem check that the physical interface and network connection to the far end peer are up and operational. If the problem persists please contact Alcatel-Lucent support for assistance.		

Table 40-125 PeerGroupDown (bgp)

Alarm	Attributes	Applicable major releases
Name: PeerGroupDown (5) Type: ProtocolAlarm (1) Package: bgp Raised on class: bgp.PeerGroup	Severity: critical Implicitly cleared: true Default probable cause: protocolDown (1)	<ul style="list-style-type: none"> • 2.1 • 3.0
Description: The alarm is raised when a BGP peer group has an Operational State other than Up, and the Administrative State is Up.		
Raising condition: (('Administrative State' EQUAL 'Up') AND ('Operational State' NOT EQUAL 'Up'))		
Clearing condition: (('Operational State' EQUAL 'Up') OR ('Administrative State' NOT EQUAL 'Up'))		
Remedial action: The BGP peer group is down - administratively disable the BGP peer group and re-enable it. If the problem persists please contact Alcatel-Lucent support for assistance.		

Table 40-126 PeerLacIngressEgressFault

Alarm	Attributes	Applicable major releases
Name: PeerLacIngressEgressFault (2929) Type: PeerLacAlarm (98) Package: svt Raised on class: svt.SpokeSdpBinding	Severity: minor Implicitly cleared: true Default probable cause: peerPWStatusBitsChanged (1123)	<ul style="list-style-type: none"> • 2.1 • 3.0
Description: The alarm is raised when the Peer Status is Peer LAC Rx Fault and Peer LAC Tx Fault		
Raising condition: (('Peer State Cause'anyBit'Peer LAC Tx Fault') AND ('Peer State Cause'anyBit'Peer LAC Rx Fault'))		
Clearing condition: NOT (((('Peer State Cause'anyBit'Peer LAC Tx Fault') AND ('Peer State Cause'anyBit'Peer LAC Rx Fault'))		
Remedial action: One of the following conditions exists on the referenced physical interface which must be corrected. A cable/fiber fault exists which must be corrected - check to ensure that the cable is not faulty and is properly connected. The port is faulty - run diagnostics on the port to determine the nature of the fault. If the problem cannot be resolved swap the card containing the port with a card which is known be functional.		

Table 40-127 PersistentIndexParametersMisconfigured

Alarm	Attributes	Applicable major releases
Name: PersistentIndexParametersMisconfigured (173) Type: configurationAlarm (11) Package: netw Raised on class: netw.NetworkElement	Severity: major Implicitly cleared: true Default probable cause: persistentIndexConfigurationMismatch (136)	<ul style="list-style-type: none"> • 2.1 • 3.0
Description: The alarm is raised when persistence is set to Off in the NE BOF.		
Raising condition: (('Persistent SNMP Indices' EQUAL 'False') OR (('hasRedundantProcessorCards' EQUAL 'true') AND ('Redundant Synchronization Mode' EQUAL 'None')))		
Clearing condition: (('Persistent SNMP Indices' EQUAL 'True') AND (('hasRedundantProcessorCards' EQUAL 'false') OR ('Redundant Synchronization Mode' NOT EQUAL 'None')))		
Remedial action: A configuration error has occurred that must be corrected. Use the CLI on the NE to enable persistency in the BOF. The discovery process will complete on the next discovery scan. A re-scan can be triggered immediately for the NE from within the discovery manager		

Table 40-128 PollerProblem

Alarm	Attributes	Applicable major releases
Name: PollerProblem (31) Type: communicationsAlarm (4) Package: netw Raised on class: netw.NetworkElement	Severity: warning Implicitly cleared: true Default probable cause: resyncFailed (24)	<ul style="list-style-type: none"> • 2.1 • 3.0
Description: The alarm is raised when the 5620 SAM is unable to poll a network object, for example, because of intermittent or no IP connectivity to an NE, incorrect SNMP security parameters, or disabled SNMP on the NE.		

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Alarm	Attributes	Applicable major releases
Raising condition: ('Resync Status' EQUAL 'Full Resync Failed')		
Clearing condition: ('Resync Status' EQUAL 'Full Resync Done')		
Remedial action: Informational - if the alarm persists or is occurring frequently then investigation is required to understand a) why the underlying transport network is unreliable or b) why the NE is too busy to respond to 5620 SAM or c) has SNMP been disabled on the NE. Once the issue has been resolved SAM will automatically re-attempt.		

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Table 40-129 PortEtherSymMonSDAlarm

Alarm	Attributes	Applicable major releases
Name: PortEtherSymMonSDAlarm (5662) Type: communicationsAlarm (4) Package: ethernetequipment Raised on class: ethernetequipment.EthernetPortSpecifics	Severity: major Implicitly cleared: true Default probable cause: etherPortSymMonSDThresholdExceededAlarm (2439)	<ul style="list-style-type: none"> • 2.1 • 3.0
Description: The alarm is raised when an Ethernet port Symbol Monitor Failure alarm condition is detected (Signal Degradation Threshold exceeded).		
Raising condition: ('Symbol Alarm Reason' EQUAL 'SD Threshold Exceeded')		
Clearing condition: ('Symbol Alarm Reason' NOT EQUAL 'SD Threshold Exceeded')		
Remedial action: Symbol monitor signal degradation alarm could be cleared by changing/disabling the associated threshold/multiplier values or it is self clearing and will clear once the error rate drops below 1/10th of the configured rate.		

Table 40-130 PortEtherSymMonSFAlarm

Alarm	Attributes	Applicable major releases
Name: PortEtherSymMonSFAlarm (5663) Type: communicationsAlarm (4) Package: ethernetequipment Raised on class: ethernetequipment.EthernetPortSpecifics	Severity: major Implicitly cleared: true Default probable cause: etherPortSymMonSFThresholdExceededAlarm (2440)	<ul style="list-style-type: none"> • 2.1 • 3.0
Description: The alarm is raised when an Ethernet port Symbol Monitor Failure alarm condition is detected (Signal Failure Threshold exceeded).		
Raising condition: ('Symbol Alarm Reason' EQUAL 'SF Threshold Exceeded')		
Clearing condition: ('Symbol Alarm Reason' NOT EQUAL 'SF Threshold Exceeded')		
Remedial action: Symbol monitor signal failure alarm could be cleared by changing/disabling the associated threshold/multiplier values or by taking the port out of service (eg. shutdown, card/mda reset, physical link loss).		

Table 40-131 PrimaryImageBootFailure

Alarm	Attributes	Applicable major releases
Name: PrimaryImageBootFailure (191) Type: configurationAlarm (11) Package: sw Raised on class: sw.CardSoftware	Severity: warning Implicitly cleared: true Default probable cause: bootOptionFileMisconfigured (150)	<ul style="list-style-type: none"> • 2.1 • 3.0
Description: The alarm is raised when the primary software image specified in an NE BOF is unusable.		
Raising condition: (('imageSource' NOT EQUAL 'Primary') AND ('imageSource' NOT EQUAL 'Unknown'))		
Clearing condition: (('imageSource' EQUAL 'Primary') OR ('imageSource' EQUAL 'Unknown'))		
Remedial action: The SW image on the NE may have been inadvertently corrupted. Download a new copy of the SW image to the NE. If the problem persists contact Alcatel-Lucent support for assistance.		

Table 40-132 RadiusOperStatusDown

Alarm	Attributes	Applicable major releases
Name: RadiusOperStatusDown (3692) Type: radiusOperStatusDownAlarm (105) Package: netw Raised on class: netw.NetworkElement	Severity: critical Implicitly cleared: true Default probable cause: radiusOperationStatusDown (1431)	<ul style="list-style-type: none"> • 2.1 • 3.0
Description: The alarm is raised when all RADIUS servers have gone down.		
Raising condition: ('Global RADIUS Operational State' EQUAL 'Down')		
Clearing condition: ('Global RADIUS Operational State' EQUAL 'Up')		
Remedial action: Verify the RADIUS server is properly configured and radius server state is up. Check the connectivity between SAM server and radius server configured on the Network element.		

Table 40-133 ReachabilityProblem

Alarm	Attributes	Applicable major releases
Name: ReachabilityProblem (243) Type: communicationsAlarm (4) Package: netw Raised on class: netw.NetworkElement	Severity: major Implicitly cleared: true Default probable cause: ReachabilityTestFailed (176)	<ul style="list-style-type: none"> • 2.1 • 3.0
Description: The alarm is raised when a mediation poll of the SysUpTimeAlarm object on an NE fails, for example, because of network congestion or because the NE is too busy to respond. The probable cause is an unreachable NE Mediation agent on the NE. The polling interval depends on the NE type and is configurable in nms-server.xml. By default, the 5620 SAM polls a managed NE every four minutes. If a poll fails, the alarm is raised. The alarm clears when the 5620 SAM receives a response from the NE, and the 5620 SAM GUI icon that represents the NE turns from red to green.		
Raising condition: ('SNMP Reachability' EQUAL 'Down')		

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Alarm	Attributes	Applicable major releases
Remedial action: Informational - if the alarm persists or is occurring frequently then investigation is required to understand a) why the underlying transport network is unreliable or b) why the NE is too busy to respond to 5620 SAM or c) has SNMP been disabled on the NE. Once the issue has been resolved SAM will automatically re-attempt.		

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Table 40-134 ReconfigFailure

Alarm	Attributes	Applicable major releases
Name: ReconfigFailure (1949) Type: communicationsAlarm (4) Package: netw Raised on class: netw.NetworkElement	Severity: critical Implicitly cleared: true Default probable cause: failedReconfig (937)	<ul style="list-style-type: none"> • 2.1 • 3.0
Description: This alarm is raised when the reconfig action failed.		
Raising condition: ('State' EQUAL 'Failed')		
Clearing condition: ('State' NOT EQUAL 'Failed')		
Remedial action: Verify that the object is configured as expected.		

Table 40-135 RedundantMepMisconfiguration

Alarm	Attributes	Applicable major releases
Name: RedundantMepMisconfiguration (3631) Type: oamAlarm (18) Package: ethernetToam Raised on class: ethernetToam.Mep	Severity: minor Implicitly cleared: true Default probable cause: misconfiguredRedundantMep (1416)	<ul style="list-style-type: none"> • 2.1 • 3.0
Description: The alarm is raised when an Active and Redundant MEP do not have the same ID, Operational MAC Address or Sub Group configured.		
Raising condition: ('validRedundantMepConfig' EQUAL 'false')		
Clearing condition: ('validRedundantMepConfig' EQUAL 'true')		
Remedial action: MC-LAG redundant MEP configuration (MEP ID or Mac Address) for Active & Standby Interfaces do not match, this could cause issues with CFM or CCM tests if Active interface changes. Delete and Re-create Standby MEP to match Active.		

Table 40-136 RedundantMepMissing

Alarm	Attributes	Applicable major releases
Name: RedundantMepMissing (3632) Type: oamAlarm (18) Package: ethernetToam Raised on class: ethernetToam.Mep	Severity: minor Implicitly cleared: true Default probable cause: missingRedundantMep (1417)	<ul style="list-style-type: none"> • 2.1 • 3.0
Description: The alarm is raised when a MEP misses a redundant counterpart on LAG or SAP.		
Raising condition: (('MC-LAG Inactive' NOT EQUAL 'Not Applicable') AND ('Redundant MEP' EQUAL '\'))		
Clearing condition: (('MC-LAG Inactive' EQUAL 'Not Applicable') OR (('MC-LAG Inactive' NOT EQUAL 'Not Applicable') AND ('Redundant MEP' NOT EQUAL '\'))		
Remedial action: MC-LAG redundant MEP is missing Active & Standby Interfaces, this will cause issues with CFM or CCM tests if Active interface changes. Create missing Active/Standby MEP to match existing.		

Table 40-137 RemoteMepCCMAAlarm

Alarm	Attributes	Applicable major releases
Name: RemoteMepCCMAAlarm (502) Type: oamAlarm (18) Package: ethernetToam Raised on class: ethernetToam.Mep	Severity: major Implicitly cleared: true Default probable cause: missingRemoteMep (388)	<ul style="list-style-type: none"> • 2.1 • 3.0
Description: The alarm is raised when a MEP loses connectivity with one or more remote MEPs. The Remote MEP DB State tab on a MEP lists the missing remote MEPs.		
Raising condition: ('High-Priority Defect' NOT EQUAL '0')		
Clearing condition: ('High-Priority Defect' EQUAL '0')		
Remedial action: MEP has lost communication with Remote MEP defined in Maintenance Association (MEG) Remote MEP list, Either Remote MEP list is incorrect or diagnose connection fault and resolve.		

Table 40-138 RemoteRncvOperDown

Alarm	Attributes	Applicable major releases
Name: RemoteRncvOperDown (522) Type: redundancyAlarm (52) Package: multichassis Raised on class: multichassis.MultiChassisRingNode	Severity: major Implicitly cleared: true Default probable cause: remoteRncvDisconnected (397)	<ul style="list-style-type: none"> • 2.1 • 3.0
Description: The alarm is raised when the remote RNCV Operational State of a ring node is other than Connected or NotTested, which means that the ring node is not connected to the local MC ring group. The alarm clears when the ring node enters the Connected or NotTested state.		
Raising condition: (('Remote Operational State' NOT EQUAL 'Connected') AND ('Remote Operational State' NOT EQUAL 'Not Tested'))		
Clearing condition: (('Remote Operational State' EQUAL 'Connected') OR ('Remote Operational State' EQUAL 'Not Tested'))		

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Alarm	Attributes	Applicable major releases
Remedial action: Make sure that ring node is properly connected to MC ring group.		

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Table 40-139 RouteDistinguisherNotConfigured

Alarm	Attributes	Applicable major releases
Name: RouteDistinguisherNotConfigured (142) Type: configurationAlarm (11) Package: I3fwd Raised on class: I3fwd.ServiceSite	Severity: major Implicitly cleared: true Default probable cause: routeDistinguisherNotConfigured (113)	<ul style="list-style-type: none"> • 2.1 • 3.0
Description: The alarm is raised when no RD is configured for an L3 service site.		
Raising condition: ('routeDistinguisher' EQUAL "\00 00 00 00 00 00 00")		
Clearing condition: ('routeDistinguisher' NOT EQUAL "\00 00 00 00 00 00 00")		
Remedial action: A configuration error has occurred which must be corrected. The RD must be configured on the L3 Service Site in question.		

Table 40-140 S2LPathBypassTunnelActive

Alarm	Attributes	Applicable major releases
Name: S2LPathBypassTunnelActive (777) Type: pathAlarm (12) Package: mpls Raised on class: mpls.S2LPath	Severity: warning Implicitly cleared: true Default probable cause: S2LPathReroutedToBypassTunnel (552)	<ul style="list-style-type: none"> • 2.1 • 3.0
Description: The alarm is raised when the bypass tunnel in an S2L path becomes active. The alarm clears when the bypass tunnel is no longer active, for example, because a primary tunnel failure is resolved or a new path is established.		
Raising condition: ('Bypass Tunnel Active' EQUAL 'true')		
Clearing condition: ('Bypass Tunnel Active' EQUAL 'false')		
Remedial action: Check what caused primary tunnel is down and fix it if possible.		

Table 40-141 S2LPathDown

Alarm	Attributes	Applicable major releases
Name: S2LPathDown (778) Type: pathAlarm (12) Package: mpls Raised on class: mpls.S2LPath	Severity: major Implicitly cleared: true Default probable cause: S2LPathDown (553)	<ul style="list-style-type: none"> • 2.1 • 3.0

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Alarm	Attributes	Applicable major releases
Description: The alarm is raised when the S2L path Administrative State is Up and the Operational State is not Up. The alarm clears when the S2L path Operational State changes to Up or the Administrative State changes to Down.		
Raising condition: (('Administrative' EQUAL 'Up') AND ('Operational' NOT EQUAL 'Up'))		
Clearing condition: (('Operational' EQUAL 'Up') OR ('Administrative' NOT EQUAL 'Up'))		
Remedial action: Check the failure code and update accordingly, e.g. whether MPLS/RSVP interfaces, OSPF interfaces are down.		

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Table 40-142 SaveConfigFailed

Alarm	Attributes	Applicable major releases
Name: SaveConfigFailed (105) Type: configurationAlarm (11) Package: sw Raised on class: sw.BackupRestoreManager	Severity: major Implicitly cleared: true Default probable cause: fileAccessError (90)	<ul style="list-style-type: none"> • 2.1 • 3.0
Description: The alarm is raised when the admin save command on an NE fails.		
Raising condition: ('Config Save State' EQUAL 'Failure')		
Clearing condition: ('Config Save State' EQUAL 'Success')		
Remedial action: Attempt the admin save command a second time. If the problem persists please contact Alcatel-Lucent support for assistance.		

Table 40-143 ScheduledPollerProblem

Alarm	Attributes	Applicable major releases
Name: ScheduledPollerProblem (4386) Type: communicationsAlarm (4) Package: netw Raised on class: netw.NetworkElement	Severity: warning Implicitly cleared: true Default probable cause: scheduledResyncFailed (1569)	<ul style="list-style-type: none"> • 2.1 • 3.0
Description: The alarm is raised when the 5620 SAM is unable to poll a network object, for example, because of intermittent or no IP connectivity to an NE, incorrect SNMP security parameters, or disabled SNMP on the NE.		
Raising condition: ('Scheduled Resync Status' EQUAL 'Scheduled Resync Failed')		
Clearing condition: ('Scheduled Resync Status' EQUAL 'Scheduled Resync Done')		
Remedial action: Informational - if the alarm persists or is occurring frequently then investigation is required to understand a) why the underlying transport network is unreliable or b) why the NE is too busy to respond to 5620 SAM or c) has SNMP been disabled on the NE. Once the issue has been resolved SAM will automatically re-attempt.		

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Table 40-144 SdpBindingDown

Alarm	Attributes	Applicable major releases
Name: SdpBindingDown (221) Type: SdpBindingAlarm (30) Package: svt Raised on class: svt.SdpBinding	Severity: critical Implicitly cleared: true Default probable cause: SdpBindingNotReady (166)	<ul style="list-style-type: none"> • 2.1 • 3.0
Description: The alarm is raised when an SDP binding has an Operational State other than Up.		
Raising condition: (('Operational State' NOT EQUAL 'Up') AND ('State Cause' NOT EQUAL 'Standby For BGP Multi-Homing'))		
Clearing condition: (('Operational State' EQUAL 'Up') OR ('State Cause' EQUAL 'Standby For BGP Multi-Homing'))		
Remedial action: To resolve this alarm check the SDP binding to determine if a configuration mismatch exists. If configuration is determined to be correct then the associated network interface may be down. Further investigation is required to determine why the underlying network interface is down.		

Table 40-145 SdpBindingTunnelDown

Alarm	Attributes	Applicable major releases
Name: SdpBindingTunnelDown (222) Type: CircuitAlarm (17) Package: svt Raised on class: svt.SdpBinding	Severity: critical Implicitly cleared: true Default probable cause: SdpTunnelNotReady (167)	<ul style="list-style-type: none"> • 2.1 • 3.0
Description: The alarm is raised when an SDP binding tunnel has an Operational State other than Up.		
Raising condition: (('Operational State' EQUAL 'Tunnel Not Ready') OR ('Operational State' EQUAL 'Tunnel Down'))		
Clearing condition: (('Operational State' NOT EQUAL 'Tunnel Not Ready') AND ('Operational State' NOT EQUAL 'Tunnel Down'))		
Remedial action: To resolve this alarm check the endpoints of the SDP binding to determine if a configuration mismatch exists. If configuration matches then the underlying network resource between the endpoints of the SDP may be down. Further investigation is required to determine why the underlying transport network is down.		

Table 40-146 SdpEgressIfaceNetDomainInconsistent

Alarm	Attributes	Applicable major releases
Name: SdpEgressIfaceNetDomainInconsistent (3616) Type: resourceAlarm (28) Package: svt Raised on class: svt.Tunnel	Severity: warning Implicitly cleared: true Default probable cause: sdpEgressIfaceNetDomainInconsistent (1405)	<ul style="list-style-type: none"> • 2.1 • 3.0
Description: The alarm is raised when the SDP egress interface's consistency state changes to inconsistent.		
Raising condition: ('Egress Interfaces Consistency State' EQUAL '3')		
Clearing condition: ('Egress Interfaces Consistency State' EQUAL '2')		
Remedial action: To resolve this alarm check egress interfaces of the SDP configuration. If configuration is determined to be correct check underlying physical transport. Further investigation is required.		

Table 40-147 ServiceSiteDown

Alarm	Attributes	Applicable major releases
Name: ServiceSiteDown (97) Type: serviceAlarm (16) Package: service Raised on class: service.Site	Severity: critical Implicitly cleared: true Default probable cause: siteDown (83)	<ul style="list-style-type: none"> • 2.1 • 3.0
Description: The alarm is raised when all SAPs on a site are operationally down, or when the service tunnels for the site are operationally down.		
Raising condition: (('Operational State' NOT EQUAL 'Up') AND ('State Cause' NOT EQUAL 'All Spoke SDP Bindings are Standby'))		
Clearing condition: (('Operational State' EQUAL 'Up') OR ('State Cause' EQUAL 'All Spoke SDP Bindings are Standby'))		
Remedial action: The network resources (i.e. physical ports for SAPs, or physical ports/LSP) associated with the service site should be examined to determine if/why they are operationally down. The underlying transport network supporting the site may also be unreliable.		

Table 40-148 SessionDown

Alarm	Attributes	Applicable major releases
Name: SessionDown (73) Type: ProtocolAlarm (1) Package: rsvp Raised on class: rsvp.Session	Severity: critical Implicitly cleared: true Default probable cause: interfaceDown (32)	<ul style="list-style-type: none"> • 2.1 • 3.0
Description: The alarm is raised when an RSVP session is operationally down.		
Raising condition: ('Operational State' EQUAL 'Down')		
Clearing condition: ('Operational State' EQUAL 'Up')		
Remedial action: Please check the RSVP session path to make sure all associated protocols/interfaces/connections are OK.		

Table 40-149 ShamLinkDown

Alarm	Attributes	Applicable major releases
Name: ShamLinkDown (665) Type: ShamLinkAlarm (57) Package: ospf Raised on class: ospf.ShamLink	Severity: critical Implicitly cleared: true Default probable cause: ShamLinkDown (492)	<ul style="list-style-type: none"> • 2.1 • 3.0
Description: The alarm is raised when a sham link is operationally down.		
Raising condition: ('Operational State' EQUAL 'Down')		
Clearing condition: ('Operational State' NOT EQUAL 'Down')		

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Alarm	Attributes	Applicable major releases
Remedial action: This alarm is raised when the OSPF sham link is operationally down. The situation may occur if the underlying physical interface is down either because of administrative disabling or a fault on the far end port or due to a cable connection or cable failure. This alarm will also be raised if the underlying transport network fails or is unreliable. Resolving the underlying instability in the transport network will correct this problem.		

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Table 40-150 SingleSFMOverloadDetected

Alarm	Attributes	Applicable major releases
Name: SingleSFMOverloadDetected (843) Type: ProtocolAlarm (1) Package: I3fwd Raised on class: I3fwd.Site	Severity: major Implicitly cleared: true Default probable cause: singleSfmOverloadDetected (601)	<ul style="list-style-type: none"> • 2.1 • 3.0
Description: The alarm is raised when a device reports a single-SFM overload. The alarm clears when the VR exits the Overload state.		
Raising condition: ('Overload State' EQUAL 'Overload')		
Clearing condition: ('Overload State' EQUAL 'Normal')		
Remedial action: Information - if the the problem persists please contact Alcatel-Lucent support for assistance.		

Table 40-151 SpbAdjacencyDown

Alarm	Attributes	Applicable major releases
Name: SpbAdjacencyDown (4392) Type: adjacencyAlarm (31) Package: spb Raised on class: spb.AbstractInterface	Severity: minor Implicitly cleared: true Default probable cause: IsisInterfaceDown (232)	<ul style="list-style-type: none"> • 2.1 • 3.0
Description: The alarm is raised when an SPB IS-IS interface has no adjacencies, for example, because the IS-IS protocol on the remote site is down.		
Raising condition: (('Adjacency Count' EQUAL '0L'))		
Clearing condition: (('Adjacency Count' > '0L'))		
Remedial action: Check remote site to see if corresponding IS-IS interface is configured and admin up.		

Table 40-152 SpbInterfaceDown

Alarm	Attributes	Applicable major releases
Name: SpbInterfaceDown (4393) Type: ProtocolAlarm (1) Package: spb Raised on class: spb.AbstractInterface	Severity: warning Implicitly cleared: true Default probable cause: protocolDown (1)	<ul style="list-style-type: none"> • 2.1 • 3.0
Description: The alarm is raised when an SPB IS-IS interface has an Operational State other than Up.		
Raising condition: ('operationalState' EQUAL 'Down')		
Clearing condition: ('operationalState' NOT EQUAL 'Down')		
Remedial action: Check if underlying port is down, or associated network interface is down.		

Table 40-153 SpbSiteDown

Alarm	Attributes	Applicable major releases
Name: SpbSiteDown (4396) Type: ProtocolAlarm (1) Package: spb Raised on class: spb.Site	Severity: critical Implicitly cleared: true Default probable cause: protocolDown (1)	<ul style="list-style-type: none"> • 2.1 • 3.0
Description: The alarm is raised when an SPB site has an Operational State other than Up.		
Raising condition: ('Operational State' NOT EQUAL 'Up')		
Clearing condition: ('Operational State' EQUAL 'Up')		
Remedial action: Check if the administrative state is down. If the administrative state is up, then check the ISIS instance associated with the SPB and make sure it is up.		

Table 40-154 StatsRetrieveFailed

Alarm	Attributes	Applicable major releases
Name: StatsRetrieveFailed (244) Type: configurationAlarm (11) Package: sw Raised on class: sw.AccountingStatsRetrievalManager	Severity: major Implicitly cleared: false Default probable cause: fileTransferFailure (89)	<ul style="list-style-type: none"> • 2.1 • 3.0
Description: The alarm is raised when the 5620 SAM main or auxiliary server cannot transfer an accounting file from an NE.		
Raising condition: (('Stats Retrieval State' NOT EQUAL 'Success') AND ('Stats Retrieval State' NOT EQUAL 'Not Attempted'))		
Remedial action: Informational - if the alarm persists or is occurring frequently then investigation is required to understand a) why the underlying transport network is unreliable or b) why the NE is too busy or otherwise cannot respond to the 5620 SAM main or auxiliary server.		

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Table 40-155 SubscriberSystemNextHopUsageHigh

Alarm	Attributes	Applicable major releases
Name: SubscriberSystemNextHopUsageHigh (5157) Type: thresholdCrossed (6) Package: netw Raised on class: netw.NetworkElement	Severity: minor Implicitly cleared: true Default probable cause: resourceFull (53)	<ul style="list-style-type: none"> • 2.1 • 3.0
Description: The alarm is raised when the IP next-hop usage by subscriber managed routes reaches its high watermark, cleared when it reaches its low watermark again; the watermarks are derived from the limit specified with the property subSysNextHopLimit.		
Raising condition: ('IP Next Hop Usage High' EQUAL 'true')		
Clearing condition: ('IP Next Hop Usage High' EQUAL 'false')		
Remedial action: The alarm is raised when the IP next-hop usage by subscriber managed routes reaches its high watermark, cleared when it reaches its low watermark again; the watermarks are derived from the limit specified with the property subSysNextHopLimit. There is no immediate effect, but when the usage actually hits the limit, new hosts will not get their managed routes.		

Table 40-156 SubSysChassMemoryUsageHi

Alarm	Attributes	Applicable major releases
Name: SubSysChassMemoryUsageHi (5656) Type: thresholdCrossed (6) Package: equipment Raised on class: equipment.Shelf	Severity: minor Implicitly cleared: true Default probable cause: resourceFull (53)	<ul style="list-style-type: none"> • 2.1 • 3.0
Description: This alarm is raised when the memory usage by subscriber management on this system or chassis reaches its high watermark ('true').		
Raising condition: ('Memory Usage High' EQUAL 'True')		
Clearing condition: (('Memory Usage High' EQUAL 'False') OR ('Memory Usage High' EQUAL 'unspecified'))		
Remedial action: The memory usage by subscriber management on this system has reached its high watermark. Please check your memory usage.		

Table 40-157 TemperatureThresholdCrossed

Alarm	Attributes	Applicable major releases
Name: TemperatureThresholdCrossed (7) Type: environmentalAlarm (2) Package: equipment Raised on class: equipment.Environment	Severity: major Implicitly cleared: true Default probable cause: equipmentOverheated (5)	<ul style="list-style-type: none"> • 2.1 • 3.0
Description: The alarm is raised when a temperature crosses a threshold.		
Raising condition: ('temperatureThresholdCrossed' EQUAL 'true')		

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Alarm	Attributes	Applicable major releases
Clearing condition: ('temperatureThresholdCrossed' EQUAL 'false')		
Remedial action: The NE has detected internal temperatures which are abnormally high. This could be caused by a failed fan unit or one or more dirty fan filters. Replacing the failed unit or filters should resolve the problem. Alternately the environment that the NE is operating in may not be within specifications found in the NE user guides.		

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Table 40-158 TmnxEqPortEtherLoopDetected

Alarm	Attributes	Applicable major releases
Name: TmnxEqPortEtherLoopDetected (461) Type: portEtherLoopDetected (48) Package: ethernetequipment Raised on class: ethernetequipment.EthernetPortSpecifics	Severity: major Implicitly cleared: true Default probable cause: HighBer (238)	<ul style="list-style-type: none"> • 2.1 • 3.0
Description: The alarm is raised when a device detects a physical loop on an Ethernet port.		
Raising condition: (('Down When Looped Status' EQUAL 'Loop Detected'))		
Clearing condition: (('Down When Looped Status' EQUAL 'No Loop Detected'))		
Remedial action: An Ethernet port has been mis-cabled - please remove the loopback cable on the port.		

Table 40-159 TrapDestinationMisconfigured

Alarm	Attributes	Applicable major releases
Name: TrapDestinationMisconfigured (33) Type: configurationAlarm (11) Package: netw Raised on class: netw.NetworkElement	Severity: major Implicitly cleared: true Default probable cause: trapDestinationMisconfigured (26) Applicable probable causes: <ul style="list-style-type: none"> • trapDestinationMisconfigured • duplicateTrapLogId 	<ul style="list-style-type: none"> • 2.1 • 3.0
Description: The alarm is raised when the 5620 SAM cannot be added to the NE's SNMP trap destinations.		
Raising condition: ('isTrapDestinationMisconfigured' EQUAL 'true')		
Clearing condition: ('isTrapDestinationMisconfigured' EQUAL 'false')		
Remedial action: A configuration error has been made which must be corrected. The SNMP trap destination on the NE must be configured to the IP address of the SAM server.		

Table 40-160 TrapReceivingFailure

Alarm	Attributes	Applicable major releases
Name: TrapReceivingFailure (1083) Type: communications (87) Package: netw Raised on class: netw.NetworkElement	Severity: major Implicitly cleared: false Default probable cause: trapsWillNotBeSent (822)	<ul style="list-style-type: none"> • 2.1 • 3.0
Description: This user-defined alarm is raised when the NE is unable to send traps because the NE configuration is one of the following: - The Management IP Selection is set to Out Of Band Only, the Primary Route Preference is set to In Band, and the Secondary Route Preference is set to None. - The Management IP Selection is set to In Band Only, the Primary Route Preference is set to Out Of Band, and the Secondary Route Preference is set to None.		
Raising condition: (((('Active Management IP' EQUAL 'In Band') AND ('Management IP Selection' EQUAL 'In Band Only') AND ('Primary Route Preference' EQUAL 'Out Of Band') AND ('Secondary Route Preference' EQUAL 'None')) OR (('Active Management IP' EQUAL 'Out Of Band') AND ('Management IP Selection' EQUAL 'Out Of Band Only') AND ('Primary Route Preference' EQUAL 'In Band') AND ('Secondary Route Preference' EQUAL 'None')) OR (('Active Management IP' EQUAL 'Out Of Band') AND ('Management IP Selection' EQUAL 'In Band Preferred') AND ('Primary Route Preference' EQUAL 'In Band') AND ('Secondary Route Preference' EQUAL 'None')) OR (('Active Management IP' EQUAL 'In Band') AND ('Management IP Selection' EQUAL 'Out Of Band Preferred') AND ('Primary Route Preference' EQUAL 'Out Of Band') AND ('Secondary Route Preference' EQUAL 'None'))))		
Clearing condition: (((('Active Management IP' EQUAL 'In Band') AND ('Management IP Selection' EQUAL 'In Band Only') AND (('Primary Route Preference' EQUAL 'In Band') OR ('Secondary Route Preference' EQUAL 'In Band')) OR (('Active Management IP' EQUAL 'Out Of Band') AND ('Management IP Selection' EQUAL 'Out Of Band Only') AND (('Primary Route Preference' EQUAL 'Out Of Band') OR ('Secondary Route Preference' EQUAL 'Out Of Band')) OR (('Active Management IP' EQUAL 'Out Of Band') AND ('Management IP Selection' EQUAL 'In Band Preferred') AND (('Primary Route Preference' EQUAL 'Out Of Band') OR ('Secondary Route Preference' EQUAL 'Out Of Band')) OR (('Active Management IP' EQUAL 'In Band') AND ('Management IP Selection' EQUAL 'In Band Preferred') AND (('Primary Route Preference' EQUAL 'In Band') OR ('Secondary Route Preference' EQUAL 'In Band')) OR (('Active Management IP' EQUAL 'In Band') AND ('Management IP Selection' EQUAL 'Out Of Band Preferred') AND (('Primary Route Preference' EQUAL 'In Band') OR ('Secondary Route Preference' EQUAL 'In Band')) OR (('Active Management IP' EQUAL 'Out Of Band') AND ('Management IP Selection' EQUAL 'Out Of Band Preferred') AND (('Primary Route Preference' EQUAL 'Out Of Band') OR ('Secondary Route Preference' EQUAL 'Out Of Band'))))		
Remedial action: A configuration error has been made which must be corrected. The configuration error must be corrected per the discussion in the description for this alarm.		

Table 40-161 TrapRoutePreferenceRedundancyMissing

Alarm	Attributes	Applicable major releases
Name: TrapRoutePreferenceRedundancyMissing (1084) Type: communications (87) Package: netw Raised on class: netw.NetworkElement	Severity: warning Implicitly cleared: true Default probable cause: trapsRedundancyMissing (823)	<ul style="list-style-type: none"> • 2.1 • 3.0
Description: The user-defined alarm is raised when NE management redundancy is configured without trap route preference redundancy.		
Raising condition: (((('Management IP Selection' EQUAL 'In Band Preferred') AND ('Active Management IP' EQUAL 'In Band') AND ('Primary Route Preference' EQUAL 'In Band') AND ('Secondary Route Preference' EQUAL 'None')) OR (('Management IP Selection' EQUAL 'Out Of Band Preferred') AND ('Active Management IP' EQUAL 'Out Of Band') AND ('Primary Route Preference' EQUAL 'Out Of Band') AND ('Secondary Route Preference' EQUAL 'None'))))		
Clearing condition: (((('Management IP Selection' EQUAL 'In Band Preferred') AND ('Active Management IP' EQUAL 'In Band') AND ('Secondary Route Preference' NOT EQUAL 'None')) OR (('Management IP Selection' EQUAL 'Out Of Band Preferred') AND ('Active Management IP' EQUAL 'Out Of Band') AND ('Secondary Route Preference' NOT EQUAL 'None'))))		

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Alarm	Attributes	Applicable major releases
Remedial action: A configuration error has been made which must be corrected. The IP address of the standby SAM server must be configured on the NE in question.		

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Table 40-162 TunnelAdministrativelyDown (mpls)

Alarm	Attributes	Applicable major releases
Name: TunnelAdministrativelyDown (523) Type: pathAlarm (12) Package: mpls Raised on class: mpls.Tunnel	Severity: minor Implicitly cleared: true Default probable cause: tunnelAdministrativelyDown (333)	<ul style="list-style-type: none"> • 2.1 • 3.0
Description: The alarm is raised when the 5620 SAM detects that an MPLS path is administratively down.		
Raising condition: ('Administrative' NOT EQUAL 'Up')		
Clearing condition: ('Administrative' EQUAL 'Up')		
Remedial action: Turn up the corresponding MPLS path.		

Table 40-163 TunnelAdministrativelyDown (svt)

Alarm	Attributes	Applicable major releases
Name: TunnelAdministrativelyDown (523) Type: pathAlarm (12) Package: svt Raised on class: svt.Tunnel	Severity: minor Implicitly cleared: true Default probable cause: tunnelAdministrativelyDown (333)	<ul style="list-style-type: none"> • 2.1 • 3.0
Description: The alarm is raised when the 5620 SAM detects that a service tunnel is administratively down.		
Raising condition: ('administrativeState' NOT EQUAL 'Up')		
Clearing condition: ('administrativeState' EQUAL 'Up')		
Remedial action: Informational - an operator has manually turned down a service tunnel.		

Table 40-164 TunnelDown (mpls)

Alarm	Attributes	Applicable major releases
Name: TunnelDown (30) Type: pathAlarm (12) Package: mpls Raised on class: mpls.Tunnel	Severity: warning Implicitly cleared: true Default probable cause: tunnelDown (23)	<ul style="list-style-type: none"> • 2.1 • 3.0
Description: The alarm is raised when an MPLS path has an Operational State other than Up, and the Administrative State is Up.		

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Alarm	Attributes	Applicable major releases
Raising condition: (('Administrative' EQUAL 'Up') AND ('Operational' NOT EQUAL 'Up'))		
Clearing condition: (('Operational' EQUAL 'Up') OR ('Administrative' NOT EQUAL 'Up'))		
Remedial action: Check the network resources along the path.		

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Table 40-165 TunnelDown (svt)

Alarm	Attributes	Applicable major releases
Name: TunnelDown (30) Type: pathAlarm (12) Package: svt Raised on class: svt.AbstractTunnel	Severity: critical Implicitly cleared: true Default probable cause: tunnelDown (23)	<ul style="list-style-type: none"> • 2.1 • 3.0
Description: The alarm is raised when the 5620 SAM detects that a service tunnel is operationally down.		
Raising condition: (('Administrative' EQUAL 'Up') AND ('Operational' NOT EQUAL 'Up'))		
Clearing condition: (('Operational' EQUAL 'Up') OR ('Administrative' NOT EQUAL 'Up'))		
Remedial action: This alarm indicates that a problem has been made in the underlying transport network. If the alarm persists or re-occurs frequently then investigation of the underlying transport issues is warranted.		

Table 40-166 UnidentifiedNode

Alarm	Attributes	Applicable major releases
Name: UnidentifiedNode (1922) Type: communicationsAlarm (4) Package: netw Raised on class: netw.DiscoveredNode	Severity: major Implicitly cleared: true Default probable cause: unidentifiedNode (922)	<ul style="list-style-type: none"> • 2.1 • 3.0
Description: The alarm is raised when the node being discovered can not be properly identified.		
Raising condition: ('State' EQUAL 'Pending Identification')		
Clearing condition: ('State' NOT EQUAL 'Pending Identification')		
Remedial action: A configuration error has occurred that must be corrected. The eNodeB does not have a system name. The name can be configured by selecting the alarm, opening the associated properties form for the alarmed object and configuring the system name.		

Table 40-167 UnmanageFailed

Alarm	Attributes	Applicable major releases
Name: UnmanageFailed (300) Type: discoveryControlAlarm (33) Package: netw Raised on class: netw.NodeDiscoveryControl	Severity: warning Implicitly cleared: true Default probable cause: unableToDeleteNode (231)	<ul style="list-style-type: none"> • 2.1 • 3.0
Description: The alarm is raised when an attempt to unmanage an NE fails.		
Raising condition: ('Site State' EQUAL 'Unmanage Failed')		
Clearing condition: ('Site State' NOT EQUAL 'Unmanage Failed')		
Remedial action: Informational - if the alarm persists please contact Alcatel-Lucent support for assistance		

Table 40-168 UpgradedBuildVersionMismatch

Alarm	Attributes	Applicable major releases
Name: UpgradedBuildVersionMismatch (174) Type: configurationAlarm (11) Package: netw Raised on class: netw.NetworkElement	Severity: warning Implicitly cleared: true Default probable cause: upgradedImageNotBooted (137)	<ul style="list-style-type: none"> • 2.1 • 3.0
Description: The alarm is raised when the software version that an NE reports after a software upgrade does not match the version of the software used for the upgrade.		
Raising condition: ('upgradedBuildVersionMismatch' EQUAL 'true')		
Clearing condition: ('upgradedBuildVersionMismatch' EQUAL 'false')		
Remedial action: Informational - if the alarm persists please contact Alcatel-Lucent support for assistance		

Table 40-169 upgradedCardAlarm

Alarm	Attributes	Applicable major releases
Name: upgradedCardAlarm (255) Type: softwareAlarm (19) Package: equipment Raised on class: equipment.Card	Severity: warning Implicitly cleared: true Default probable cause: upgradedCard (194)	<ul style="list-style-type: none"> • 2.1 • 3.0
Description: The alarm is raised when the standby CPM is rebooted and operational after a software upgrade. A device resets an IOM automatically after 120 minutes if the IOM is not manually reset after a CPM upgrade.		
Raising condition: ('operationalState' EQUAL 'Upgrade')		
Clearing condition: ('operationalState' EQUAL 'Up')		
Remedial action: Informational - no corrective action required.		

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Table 40-170 VersionConfigRestoreFailed

Alarm	Attributes	Applicable major releases
Name: VersionConfigRestoreFailed (536) Type: configurationAlarm (11) Package: sw Raised on class: sw.BackupRestoreManager	Severity: major Implicitly cleared: true Default probable cause: versionMismatch (405)	<ul style="list-style-type: none"> • 2.1 • 3.0
Description: The alarm is raised when the restore procedure on an NE fails because of a mismatch between the backup file set version and the NE software version.		
Raising condition: ('lastNmsVersionRestoreState' EQUAL 'Failure')		
Clearing condition: ('lastNmsVersionRestoreState' EQUAL 'Success')		
Remedial action: The backup files being restored do not match with the version of node software release. Download a new copy of the SW image to the NE. If the problem persists contact Alcatel-Lucent support for assistance.		

Table 40-171 VirtualLinkDown

Alarm	Attributes	Applicable major releases
Name: VirtualLinkDown (122) Type: VirtualLinkAlarm (21) Package: ospf Raised on class: ospf.VirtualLink	Severity: warning Implicitly cleared: true Default probable cause: VirtualLinkDown (104)	<ul style="list-style-type: none"> • 2.1 • 3.0
Description: The alarm is raised when a virtual link is Down.		
Raising condition: ('Operational State' EQUAL 'Down')		
Clearing condition: ('Operational State' NOT EQUAL 'Down')		
Remedial action: This alarm is raised when the OSPF virtual link is operationally down. The situation may occur if the underlying physical interface is down either because of administrative disabling or a fault on the far end port or due to a cable connection or cable failure. This alarm will also be raised if the underlying transport network fails or is unreliable. Resolving the underlying instability in the transport network will correct this problem.		

Table 40-172 VirtualNeighborDown

Alarm	Attributes	Applicable major releases
Name: VirtualNeighborDown (123) Type: VirtualNeighborDown (22) Package: ospf Raised on classes: <ul style="list-style-type: none"> • ospf.ShamLink • ospf.VirtualLink 	Severity: warning Implicitly cleared: true Default probable cause: VirtualNeighborDown (105)	<ul style="list-style-type: none"> • 2.1 • 3.0
Description: The alarm is raised when a neighbor virtual link is operationally down.		
Raising condition: ('neighborCount' EQUAL '0L')		

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Alarm	Attributes	Applicable major releases
Clearing condition: ('neighborCount' NOT EQUAL '0L')		
Remedial action: This alarm is raised when the OSPF neighbor virtual link is operationally down. The situation may occur if the underlying physical interface is down either because of administrative disabling or a fault on the far end port or due to a cable connection or cable failure. This alarm will also be raised if the underlying transport network fails or is unreliable. Resolving the underlying instability in the transport network will correct this problem.		

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Table 40-173 WrongCpaaSoftwareVersion

Alarm	Attributes	Applicable major releases
Name: WrongCpaaSoftwareVersion (791) Type: equipmentAlarm (3) Package: netw Raised on class: netw.NetworkElement	Severity: critical Implicitly cleared: true Default probable cause: wrongCpaaSoftwareVersion (559)	<ul style="list-style-type: none"> • 2.1 • 3.0
Description: The alarm is raised when the 7701 CPAA software is the wrong version and requires an upgrade.		
Raising condition: (('Software Version' EQUAL "\"TiMOS-B-3.0.Generic \") AND ('Chassis Type' EQUAL '7701 CPAA'))		
Clearing condition: (('Software Version' NOT EQUAL "\"TiMOS-B-3.0.Generic \") AND ('Chassis Type' EQUAL '7701 CPAA'))		
Remedial action: The SW version of the CPAA must be upgraded to the version compatible with CPAM version.		

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Note – This chapter lists alarms that have no NE type specified. The alarms listed in this chapter may apply to one or more NE types, however, this information is not specified in the 5620 SAM alarm schema. Associating alarms with specific NE types is an ongoing Alcatel-Lucent effort.

Table 41-1 AARadiusAcctPlcyFailure

Alarm	Attributes	Applicable major releases
Name: AARadiusAcctPlcyFailure (3948) Type: AARadiusAcctPlcyFailureAlarm (120) Package: aapolicy Raised on class: aapolicy.AARadiusAccountingPolicy	Severity: major Implicitly cleared: false Default probable cause: aARadiusAcctPlcyFailure (1527)	Unspecified
<p>Description: The alarm is raised when a RADIUS accounting request was not successfully sent to any of the RADIUS servers specified in the AA RADIUS accounting policy. The effect is accounting data for current subscribers will not be exported externally. Based on the noted reason, if necessary take action to ensure that the next RADIUS accounting will be successfully sent.</p>		
<p>Remedial action: The AA RADIUS Accounting Server(s) which are configured in the AA RADIUS Accounting Policy are unreachable. This may occur in a number of different scenarios. The server(s) may have become unresponsive - please refer to the AA RADIUS Accounting Server documentation for assistance. The network connectivity to the server(s) may have been lost - please investigate why the underlying transport network is unreliable.</p>		

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Table 41-2 AARadiusAcctServerStateChanged

Alarm	Attributes	Applicable major releases
Name: AARadiusAcctServerStateChanged (3949) Type: AARadiusAcctServerStateChangedAlarm (121) Package: aapolicy Raised on class: aapolicy.AARadiusAccountingServer	Severity: info Implicitly cleared: true Default probable cause: aARadiusAcctServerStateChanged (1528)	Unspecified
Description: The notification alarm is raised when the operational status of an AA RADIUS Accounting Policy Server has transitioned from 'In Service' to 'Out of Service' or 'Unknown' and cleared when operational status transitioned to 'In Service'.		
Raising condition: (('Operational State' EQUAL 'Out Of Service') AND ('isLocal' EQUAL 'true'))		
Clearing condition: ('Operational State' EQUAL 'In Service')		
Remedial action: Informational - This is a notification alarm to indicate that AA RADIUS Accounting Server which is configured in the AA RADIUS Accounting Policy is changing operational state.		

Table 41-3 AarpStateChanged

Alarm	Attributes	Applicable major releases
Name: AarpStateChanged (3705) Type: AarpStateChanged (108) Package: aapolicy Raised on class: aapolicy.Aarp	Severity: info Implicitly cleared: false Default probable cause: AarpStateChanged (1445)	Unspecified
Description: The alarm is raised when the 5620 SAM detects that an AARP state is changed.		
Remedial action: The application assurance redundancy protocol state is changed between standalone, remote, master or backup.		

Table 41-4 AAUrIFilterStateChanged

Alarm	Attributes	Applicable major releases
Name: AAUrIFilterStateChanged (4972) Type: processingErrorAlarm (81) Package: aapolicy Raised on class: aapolicy.AAUrIFilter	Severity: info Implicitly cleared: true Default probable cause: aAUrIFilterStateChanged (2029)	Unspecified
Description: The notification alarm is raised when the operational status has transitioned from 'In Service' to 'Out of Service' and cleared when operational status transitioned from 'Out of Service' to 'In Service'.		
Raising condition: (('Operational State' EQUAL 'Down') AND ('isLocal' EQUAL 'true'))		
Clearing condition: ('Operational State' EQUAL 'Up')		
Remedial action: Informational - This is a notification alarm to indicate that AA URL Filter which is configured in the AA URL Filter Policy is changing operational state.		

Table 41-5 ABSAlarm

Alarm	Attributes	Applicable major releases
Name: ABSAlarm (5187) Type: equipmentAlarm (3) Package: isa Raised on class: isa.MgGroupMember	Severity: major Implicitly cleared: true Default probable cause: resourceLimitReached (131)	Unspecified
Description: The ABSAlarm is raised when a set of the internal parameters for ICC call latency and memory utilization reach the high threshold (activated) and cleared when it drop back and keep staying below the low threshold for at least some time period (de-activated)		
Remedial action: Diagnose why high memory utilization and/or control signaling overload happen.		

Table 41-6 AddressAttachFailed (rtr)

Alarm	Attributes	Applicable major releases
Name: AddressAttachFailed (8134) Type: processingErrorAlarm (81) Package: rtr Raised on class: rtr.NetworkInterface	Severity: warning Implicitly cleared: false Default probable cause: addressAttachFailed (2530)	Unspecified
Description: The alarm is raised when an IP address could not be attached to an interface.		
Remedial action: An IP address could not be attached to an interface. A possible cause is that a duplicate address is detected.		

Table 41-7 AddressAttachFailed (service)

Alarm	Attributes	Applicable major releases
Name: AddressAttachFailed (8134) Type: processingErrorAlarm (81) Package: service Raised on class: service.L3AccessInterface	Severity: warning Implicitly cleared: false Default probable cause: addressAttachFailed (2530)	Unspecified
Description: The alarm is raised when an IP address could not be attached to an interface.		
Remedial action: An IP address could not be attached to an interface. A possible cause is that a duplicate address is detected.		

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Table 41-8 AddressMisconfiguration

Alarm	Attributes	Applicable major releases
Name: AddressMisconfiguration (591) Type: configurationAlarm (11) Package: service Raised on class: service.Service	Severity: major Implicitly cleared: true Default probable cause: EpipeBackboneMacAddressMismatch (444) Applicable probable causes: <ul style="list-style-type: none"> EpipeBackboneMacAddressMismatch BVplsSourceMacAddressDuplicate 	Unspecified
Description: The alarm is raised when B-VPLS site addresses are misconfigured. The EpipeBackboneMacAddressMismatch probable cause indicates that the backbone destination MAC address does not match the backbone source MAC address of the site on the destination NE. The BVplsSourceMacAddressDuplicate probable cause indicates that there are duplicate backbone source MAC addresses.		
Remedial action: Reconfigure the backbone MAC address so that the destination MAC address match the destination site for an EPIPE, or the source MAC address is not duplicate to the other source MAC address for a B-VPLS.		

Table 41-9 AdvNotActivated

Alarm	Attributes	Applicable major releases
Name: AdvNotActivated (741) Type: configurationAlarm (11) Package: vrrp Raised on class: vrrp.InstanceV6	Severity: warning Implicitly cleared: true Default probable cause: advertisementNotActivated (517)	Unspecified
Description: The alarm is raised when the parent interface of an IPv6 VR instance is not configured to send router advertisements, or when router advertisement is not configured to use the virtual MAC address.		
Remedial action: Activate the Advertisement for the interface for the VRRP so that it sends Advertisement and Use Virtual MAC Address.		

Table 41-10 Ais

Alarm	Attributes	Applicable major releases
Name: Ais (736) Type: communicationsAlarm (4) Package: equipment Raised on class: equipment.Port	Severity: variable Implicitly cleared: true Default probable cause: ais (513)	Unspecified
Description: The alarm is raised when an NE reports an AIS condition on the Tx or Rx circuit of a PDH tributary.		
Remedial action: Please refer to the 9500 Node Maintenance manual for remedial action information.		

Table 41-11 AisRx

Alarm	Attributes	Applicable major releases
Name: AisRx (1157) Type: communicationsAlarm (4) Package: equipment Raised on class: equipment.Equipment	Severity: variable Implicitly cleared: true Default probable cause: aisRx (860)	Unspecified
Description: The alarm is raised when there is a receiver alarm indication signal.		
Remedial action: Please refer to the 9500 Node Maintenance manual for remedial action information.		

Table 41-12 AisTx

Alarm	Attributes	Applicable major releases
Name: AisTx (1158) Type: communicationsAlarm (4) Package: equipment Raised on class: equipment.Equipment	Severity: variable Implicitly cleared: true Default probable cause: aisTx (861)	Unspecified
Description: The alarm is raised when there is a transmission alarm indication signal.		
Remedial action: Please refer to the 9500 Node Maintenance manual for remedial action information.		

Table 41-13 AllBgpPeerConnectionsDown

Alarm	Attributes	Applicable major releases
Name: AllBgpPeerConnectionsDown (5417) Type: topologyAlarm (34) Package: topology Raised on class: topology.Cpaa	Severity: major Implicitly cleared: true Default probable cause: CPAAPeerConnectionDown (2124)	Unspecified
Description: The alarm is raised when all CPAA's BGP peers went down.		
Remedial action: 1) All BGP peer connections are down for the active CPAA. Please check the connections. 2) If the standby CPAA is functional as per your requirements, switch-over might resolve the issue.		

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Table 41-14 AllTimingReferencesNotQualified

Alarm	Attributes	Applicable major releases
Name: AllTimingReferencesNotQualified (549) Type: communicationsAlarm (4) Package: sonet Raised on class: sonet.SiteSync	Severity: major Implicitly cleared: true Default probable cause: allTimingReferencesNotQualified (419)	Unspecified
Description: The alarm is raised when no timing references on an NE are in the Qualified state.		
Raising condition: (('Qualified For Use' NOT EQUAL 'Qualified') AND ('Qualified For Use' NOT EQUAL 'Qualified') AND ('Qualified For Use' NOT EQUAL 'Qualified') AND ('Qualified For Use' NOT EQUAL 'Qualified'))		
Clearing condition: (('Qualified For Use' EQUAL 'Qualified') OR ('Qualified For Use' EQUAL 'Qualified') OR ('Qualified For Use' EQUAL 'Qualified') OR ('Qualified For Use' EQUAL 'Qualified'))		
Remedial action: Make sure that all the Timing References are qualified.		

Table 41-15 apsCfgRaiseAlarm

Alarm	Attributes	Applicable major releases
Name: apsCfgRaiseAlarm (772) Type: configurationAlarm (11) Package: ethernetntunnel Raised on class: ethernetntunnel.EthernetTunnelEndpoint	Severity: major Implicitly cleared: true Default probable cause: configurationMismatch (548)	Unspecified
Description: The alarm is raised when the 5620 SAM detects a mismatch between the working and protection Ethernet tunnel group configurations.		
Remedial action: Fix the mismatch between the working and protection Ethernet tunnel configurations.		

Table 41-16 apsNoRspRaiseAlarm

Alarm	Attributes	Applicable major releases
Name: apsNoRspRaiseAlarm (773) Type: configurationAlarm (11) Package: ethernetntunnel Raised on class: ethernetntunnel.EthernetTunnelEndpoint	Severity: major Implicitly cleared: true Default probable cause: incompleteProtectionSwitching (549)	Unspecified
Description: The alarm is raised when an Ethernet tunnel group protection switch is incomplete, as indicated by a comparison of the transmitted 'Requested Signal' values and the received 'Bridged Signal' in the APS protocol.		
Remedial action: Fix the mismatch between the working and protection Ethernet tunnel configurations.		

Table 41-17 apsPrvsnAlarm

Alarm	Attributes	Applicable major releases
Name: apsPrvsnAlarm (1196) Type: configurationAlarm (11) Package: ethring Raised on class: ethring.Element	Severity: major Implicitly cleared: true Default probable cause: provisioningMismatch (470)	Unspecified
Description: The alarm is raised when a mismatch is detected on Ethernet Ring provisioning. The mismatch occurs when the RPL Owner Node receives one or more No Request R-APS message(s) with an RPL blocked status flag set (NR, RB) and a different Node ID.		
Remedial action: Probably more than one Ring Protection Link owners configured in the Ring, make sure which one should be RPL owner and delete others.		

Table 41-18 apsPrvsnRaiseAlarm

Alarm	Attributes	Applicable major releases
Name: apsPrvsnRaiseAlarm (774) Type: configurationAlarm (11) Package: ethernettunnel Raised on class: ethernettunnel.EthernetTunnelEndpoint	Severity: major Implicitly cleared: true Default probable cause: provisioningMismatch (470)	Unspecified
Description: The alarm is raised when an Ethernet tunnel group provisioning mismatch is detected at the ETH layer. The mismatch is detected through a comparison of the transmitted and received APS protocol A, B and D bits.		
Remedial action: Check the configuration of the two ends of the tunnel are compatible/same for the protocol.		

Table 41-19 AsymmetricalConfig (bundle)

Alarm	Attributes	Applicable major releases
Name: AsymmetricalConfig (295) Type: configurationAlarm (11) Package: bundle Raised on class: bundle.MultiChassisApsInterface	Severity: major Implicitly cleared: true Default probable cause: asymmetricalConfig (226)	Unspecified
Description: The alarm is raised when the bundles in an APS group do not have matching configurations.		
Raising condition: ('Asymmetrical Config Detected' EQUAL 'true')		
Clearing condition: ('Asymmetrical Config Detected' EQUAL 'false')		
Remedial action: Check configurations on both members to see anything not matched.		

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Table 41-20 ATPCHighPowerTimeout

Alarm	Attributes	Applicable major releases
Name: ATPCHighPowerTimeout (4818) Type: communicationsAlarm (4) Package: mwa Raised on class: mwa.PortTermination	Severity: variable Implicitly cleared: true Default probable cause: ATPCLoopProblem (1903)	Unspecified
Description: The alarm is raised when a MPT detects a ATPC High Power Timeout		
Remedial action: Please refer to either 9500 or 7705 Node Maintenance manual for remedial action information.		

Table 41-21 AtpcLoopProblem

Alarm	Attributes	Applicable major releases
Name: AtpcLoopProblem (1142) Type: communicationsAlarm (4) Package: radioequipment Raised on class: radioequipment.RadioPortSpecifics	Severity: variable Implicitly cleared: true Default probable cause: atpcLoopProblem (848)	Unspecified
Description: The alarm is raised when a local transmitter was operating continuously at full power for 5-minutes, and the transmitter power is reduced to its minimum power setting.		
Remedial action: Please refer to the 9500 Node Maintenance manual for remedial action information.		

Table 41-22 ATPCTimeout

Alarm	Attributes	Applicable major releases
Name: ATPCTimeout (3939) Type: communicationsAlarm (4) Package: radioequipment Raised on class: radioequipment.RadioPortSpecifics	Severity: variable Implicitly cleared: true Default probable cause: atpcTimeout (1521)	Unspecified
Description: The alarm is raised when a the ATPC timeout defect raise.		
Remedial action: Please refer to the 9500 Node Maintenance manual for remedial action information.		

Table 41-23 AuthFailure

Alarm	Attributes	Applicable major releases
Name: AuthFailure (281) Type: authenticationAlarm (14) Package: vrrp Raised on class: vrrp.AbstractInstance	Severity: major Implicitly cleared: false Default probable cause: authFailure (46)	Unspecified
Description: The alarm is raised when authentication fails. The alarm information includes the source IP address.		
Remedial action: Reconfigure the authentication key so that the keys are the same for the peer VRRP instances.		

Table 41-24 AuthKeyConflict (ldp)

Alarm	Attributes	Applicable major releases
Name: AuthKeyConflict (5188) Type: processingErrorAlarm (81) Package: ldp Raised on class: ldp.Peer	Severity: warning Implicitly cleared: true Default probable cause: AuthKeyConflict (2103)	Unspecified
Description: The alarm is raised when both Authentication Key and LDP Peer Keychain are configured. LDP Peer Keychain will be used.		
Remedial action: Authentication Key and LDP Peer Keychain are both configured. LDP Peer Keychain will be used. The alarm is cleared when only one is configured.		

Table 41-25 AuxiliaryAlarm

Alarm	Attributes	Applicable major releases
Name: AuxiliaryAlarm (1159) Type: dryContactAlarm (47) Package: equipment Raised on class: equipment.AuxAlarmDefinition	Severity: variable Implicitly cleared: false Default probable cause: auxiliaryAlarmTriggered (862)	Unspecified
Description: The alarm is raised when an NE reports that a configured auxiliary alarm condition has been triggered.		
Remedial action: Informational - no corrective action required.		

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Table 41-26 AuxiliaryDatabaseClusterUnavailable

Alarm	Attributes	Applicable major releases
Name: AuxiliaryDatabaseClusterUnavailable (8154) Type: communicationsAlarm (4) Package: db Raised on class: db.AuxiliaryDatabase	Severity: critical Implicitly cleared: false Default probable cause: systemFailed (144)	Unspecified
Description: This informative alarm is raised when a 5620 SAM server detects that more than one auxiliary database server is unavailable, indicating possible statistics collection failure.		
Remedial action: The operating state of one or more auxiliary database servers in the cluster has been detected as DOWN or UNKNOWN. Statistics collection may have been impacted during this time. Ensure that the minimum required auxiliary database servers in the cluster are operating and can communicate with the SAM server(s).		

Table 41-27 AuxiliaryDatabaseProxyStateChangeDetected

Alarm	Attributes	Applicable major releases
Name: AuxiliaryDatabaseProxyStateChangeDetected (5170) Type: databaseAlarm (29) Package: db Raised on class: db.AuxiliaryDatabase	Severity: warning Implicitly cleared: false Default probable cause: systemFailed (144)	Unspecified
Description: This informative alarm is raised when the state of the auxiliary database proxy has changed at least once since the last check interval.		
Remedial action: Informational - no corrective action required. The state (up/down) of the auxiliary database proxy has changed at least once since the last check interval. The alarm must be manually cleared.		

Table 41-28 AuxiliaryDatabaseProxyUnreachable

Alarm	Attributes	Applicable major releases
Name: AuxiliaryDatabaseProxyUnreachable (5171) Type: communicationsAlarm (4) Package: db Raised on class: db.AuxiliaryDatabase	Severity: critical Implicitly cleared: true Default probable cause: systemFailed (144)	Unspecified
Description: This informative alarm is raised when a 5620 SAM server cannot communicate with an auxiliary database proxy. The alarm clears when communication is restored.		
Raising condition: ('Database Proxy Status' EQUAL 'Down')		
Clearing condition: ('Database Proxy Status' EQUAL 'Up')		
Remedial action: The 5620 SAM server cannot communicate with an auxiliary database proxy. Check the status of the auxiliary database proxy and the communication link between SAM server and auxiliary database node.		

Table 41-29 AuxiliaryDatabaseStateChangeDetected

Alarm	Attributes	Applicable major releases
Name: AuxiliaryDatabaseStateChangeDetected (5172) Type: databaseAlarm (29) Package: db Raised on class: db.AuxiliaryDatabase	Severity: warning Implicitly cleared: false Default probable cause: systemFailed (144)	Unspecified
Description: This informative alarm is raised when the state of the auxiliary database has changed at least once since the last check interval.		
Remedial action: Informational - no corrective action required. The state (up/down) of the auxiliary database has changed at least once since the last check interval. The alarm must be manually cleared.		

Table 41-30 AuxiliaryDatabaseStatus

Alarm	Attributes	Applicable major releases
Name: AuxiliaryDatabaseStatus (5173) Type: communicationsAlarm (4) Package: db Raised on class: db.AuxiliaryDatabase	Severity: critical Implicitly cleared: true Default probable cause: systemFailed (144)	Unspecified
Description: This informative alarm is raised when a 5620 SAM server cannot communicate with an auxiliary database server. The alarm clears when communication is restored.		
Raising condition: ('Database Status' EQUAL 'Down')		
Clearing condition: ('Database Status' EQUAL 'Up')		
Remedial action: The 5620 SAM server cannot communicate with an auxiliary database. Check the status of the auxiliary database and the communication link between SAM server and auxiliary database node.		

Table 41-31 BackgroundDiagnosticFault

Alarm	Attributes	Applicable major releases
Name: BackgroundDiagnosticFault (467) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.ReplaceableUnit	Severity: minor Implicitly cleared: true Default probable cause: backgroundDiagnosticFault (353)	Unspecified
Description: The alarm is raised when an NE detects a failure in a background diagnostic test suite.		
Remedial action: Informational - if the condition persists then the element indicated in the alarm should be replaced.		

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Table 41-32 backupScriptInUse

Alarm	Attributes	Applicable major releases
Name: backupScriptInUse (274) Type: configurationAlarm (11) Package: subscriber Raised on class: subscriber.Policy	Severity: major Implicitly cleared: true Default probable cause: backupInUse (206)	Unspecified
Description: The alarm is raised when the primary subscriber identification script is operationally down, but one of the other scripts is operationally up.		
Raising condition: (('isLocal' EQUAL 'true') AND ('Primary Script Operational State' NOT EQUAL 'Up') AND (('Secondary Script Operational State' EQUAL 'Up') OR ('Tertiary Script Operational State' EQUAL 'Up')))		
Clearing condition: (('isLocal' EQUAL 'true') AND (('Primary Script Operational State' EQUAL 'Up') OR (('Secondary Script Operational State' NOT EQUAL 'Up') AND ('Tertiary Script Operational State' NOT EQUAL 'Up'))))		
Remedial action: If the DHCP ACK Python script processing behaviour is desired, please make sure that primary, secondary and tertiary scripts are installed and operationally up.		

Table 41-33 BandwidthOverFlow

Alarm	Attributes	Applicable major releases
Name: BandwidthOverFlow (1143) Type: communicationsAlarm (4) Package: radioequipment Raised on class: radioequipment.RadioPortSpecifics	Severity: variable Implicitly cleared: true Default probable cause: bandwidthOverFlow (849)	Unspecified
Description: The alarm is raised when a MPT is on-line and the cross-connections occupation overcomes the MPT net capacity bandwidth.		
Remedial action: Please refer to the 9500 Node Maintenance manual for remedial action information.		

Table 41-34 BatteryFail (equipment)

Alarm	Attributes	Applicable major releases
Name: BatteryFail (616) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.Equipment	Severity: variable Implicitly cleared: true Default probable cause: batteryFail (457)	Unspecified
Description: The alarm is raised when the battery fails or is missing.		
Remedial action: The battery on the CPM should be replaced or re-installed.		

Table 41-35 BatteryFail (mpr)

Alarm	Attributes	Applicable major releases
Name: BatteryFail (616) Type: equipmentAlarm (3) Package: mpr Raised on class: mpr.SubRackElements	Severity: variable Implicitly cleared: true Default probable cause: batteryFail (457)	Unspecified
Description: The alarm is raised when the battery fails or is missing.		
Remedial action: The battery on the subrack element should be replaced or re-installed.		

Table 41-36 BfdSessionDown (rtr)

Alarm	Attributes	Applicable major releases
Name: BfdSessionDown (439) Type: bfdSessionAlarm (46) Package: rtr Raised on class: rtr.NetworkInterface	Severity: warning Implicitly cleared: true Default probable cause: bfdSessionDown (346)	Unspecified
Description: The alarm is raised when a BFD session is operationally down.		
Remedial action: This alarm is raised when a BFD session on a network interface goes down. The situation may occur if the underlying physical interface is down either because of administrative disabling or a fault on the far end port or due to a cable connection or cable failure. This alarm will also be raised if the underlying transport network fails or is unreliable. Resolving the underlying instability in the transport network will correct this problem.		

Table 41-37 BfdSessionDown (service)

Alarm	Attributes	Applicable major releases
Name: BfdSessionDown (439) Type: bfdSessionAlarm (46) Package: service Raised on class: service.L3AccessInterface	Severity: warning Implicitly cleared: true Default probable cause: bfdSessionDown (346)	Unspecified
Description: The alarm is raised when a BFD session is operationally down.		
Remedial action: This alarm is raised when a BFD session on a L3 access interface goes down. The situation may occur if the underlying physical interface is down either because of administrative disabling or a fault on the far end port or due to a cable connection or cable failure. This alarm will also be raised if the underlying transport network fails or is unreliable. Resolving the underlying instability in the transport network will correct this problem.		

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Table 41-38 BfdSessionDown (vprn)

Alarm	Attributes	Applicable major releases
Name: BfdSessionDown (439) Type: bfdSessionAlarm (46) Package: vprn Raised on class: vprn.NetworkInterface	Severity: warning Implicitly cleared: true Default probable cause: bfdSessionDown (346)	Unspecified
Description: The alarm is raised when a BFD session is operationally Down.		
Remedial action: This alarm is raised when a BFD session on a VPRN network interface goes down. The situation may occur if the underlying physical interface is down either because of administrative disabling or a fault on the far end port or due to a cable connection or cable failure. This alarm will also be raised if the underlying transport network fails or is unreliable. Resolving the underlying instability in the transport network will correct this problem.		

Table 41-39 BfdSessionFlapped (rtr)

Alarm	Attributes	Applicable major releases
Name: BfdSessionFlapped (3900) Type: bfdSessionAlarm (46) Package: rtr Raised on class: rtr.NetworkInterface	Severity: warning Implicitly cleared: false Default probable cause: bfdSessionFlapped (1491)	Unspecified
Description: The alarm is raised when a BFD session transitions from Up to Down and back to Up within the BFD operational state transition interval.		
Remedial action: The BFD session on a network interface has transitioned from Up to Down and back to Up within the configured BFD Flapping Interval.		

Table 41-40 BfdSessionFlapped (service)

Alarm	Attributes	Applicable major releases
Name: BfdSessionFlapped (3900) Type: bfdSessionAlarm (46) Package: service Raised on class: service.L3AccessInterface	Severity: warning Implicitly cleared: true Default probable cause: bfdSessionFlapped (1491)	Unspecified
Description: The alarm is raised when a BFD session transitions from Up to Down and back to Up within the BFD operational state transition interval.		
Remedial action: The BFD session on a L3 access interface has transitioned from Up to Down and back to Up within the configured BFD Flapping Interval.		

Table 41-41 BfdSessionFlapped (vprn)

Alarm	Attributes	Applicable major releases
Name: BfdSessionFlapped (3900) Type: bfdSessionAlarm (46) Package: vprn Raised on class: vprn.NetworkInterface	Severity: warning Implicitly cleared: true Default probable cause: bfdSessionFlapped (1491)	Unspecified
Description: The alarm is raised when a BFD session transitions from Up to Down and back to Up within the BFD operational state transition interval.		
Remedial action: The BFD session on a VPRN network interface has transitioned from Up to Down and back to Up within the configured BFD Flapping Interval.		

Table 41-42 BfdSessionMissing (rtr)

Alarm	Attributes	Applicable major releases
Name: BfdSessionMissing (438) Type: bfdSessionAlarm (46) Package: rtr Raised on class: rtr.NetworkInterface	Severity: warning Implicitly cleared: true Default probable cause: bfdSessionMissing (345)	Unspecified
Description: The alarm is raised when a previously present BFD session is absent.		
Remedial action: This alarm is raised when a previously present BFD session on a network interface is absent. The situation may occur if the underlying physical interface is down either because of administrative disabling or a fault on the near end port or due to a cable connection or cable failure. This alarm will also be raised if the underlying transport network fails or is unreliable. Resolving the underlying instability in the transport network will correct this problem.		

Table 41-43 BfdSessionMissing (service)

Alarm	Attributes	Applicable major releases
Name: BfdSessionMissing (438) Type: bfdSessionAlarm (46) Package: service Raised on class: service.L3AccessInterface	Severity: warning Implicitly cleared: true Default probable cause: bfdSessionMissing (345)	Unspecified
Description: The alarm is raised when a previously present BFD session is absent.		
Remedial action: This alarm is raised when a previously present BFD session on a L3 access interface is absent. The situation may occur if the underlying physical interface is down either because of administrative disabling or a fault on the near end port or due to a cable connection or cable failure. This alarm will also be raised if the underlying transport network fails or is unreliable. Resolving the underlying instability in the transport network will correct this problem.		

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Table 41-44 BfdSessionMissing (vprn)

Alarm	Attributes	Applicable major releases
Name: BfdSessionMissing (438) Type: bfdSessionAlarm (46) Package: vprn Raised on class: vprn.NetworkInterface	Severity: warning Implicitly cleared: true Default probable cause: bfdSessionMissing (345)	Unspecified
Description: The alarm is raised when a previously present BFD session is absent.		
Remedial action: This alarm is raised when a previously present BFD session on a VPRN network interface is absent. The situation may occur if the underlying physical interface is down either because of administrative disabling or a fault on the near end port or due to a cable connection or cable failure. This alarm will also be raised if the underlying transport network fails or is unreliable. Resolving the underlying instability in the transport network will correct this problem.		

Table 41-45 BgpAdVplsIdDiscoveryError

Alarm	Attributes	Applicable major releases
Name: BgpAdVplsIdDiscoveryError (572) Type: serviceAlarm (16) Package: vpls Raised on class: vpls.AbstractSite	Severity: major Implicitly cleared: true Default probable cause: bgpAdVplsIdInconsistent (439)	Unspecified
Description: The alarm is raised when the VPLS ID of a discovered VPLS instance is ambiguous.		
Remedial action: Check that all VPLS IDs are properly configured for all VPLS instances.		

Table 41-46 BgpAdVplsIdMisconfiguration

Alarm	Attributes	Applicable major releases
Name: BgpAdVplsIdMisconfiguration (570) Type: configurationAlarm (11) Package: vpls Raised on class: vpls.AbstractVpls	Severity: major Implicitly cleared: true Default probable cause: bgpAdVplsIdInconsistent (439)	Unspecified
Description: The alarm is raised when the VPLS ID of a site does not match the VPLS ID of the other sites in the service.		
Remedial action: All VPLS IDs of sites in a service must be the same.		

Table 41-47 BgpAsPathLenPerMonPrefThresholdReached

Alarm	Attributes	Applicable major releases
Name: BgpAsPathLenPerMonPrefThresholdReached (795) Type: topologyAlarm (34) Package: topology Raised on class: topology.Cpaa	Severity: major Implicitly cleared: true Default probable cause: asPathTooLong (562)	Unspecified
Description: The alarm is raised when the AS path length for a monitored BGP route reaches or exceeds the maximum threshold value.		
Remedial action: User configured alarm for monitoring purpose. Alarm text provides information about the affected prefix. User can look at the records for BGP prefix monitoring or BGP events history for debugging purpose.		

Table 41-48 BgpEventUnreachable

Alarm	Attributes	Applicable major releases
Name: BgpEventUnreachable (4896) Type: topologyAlarm (34) Package: topology Raised on class: topology.Cpaa	Severity: major Implicitly cleared: true Default probable cause: prefixUnreachable (827)	Unspecified
Description: The alarm is raised when Unreachable BGP Event is detected.		
Remedial action: Alarm text provides information about the affected prefix. User can look at the BGP events history for debugging purpose.		

Table 41-49 BgpFlowspecNlriProblem

Alarm	Attributes	Applicable major releases
Name: BgpFlowspecNlriProblem (3317) Type: ProtocolAlarm (1) Package: rtr Raised on class: rtr.RoutingInstanceSite	Severity: major Implicitly cleared: false Default probable cause: NlriProblem (1156)	Unspecified
Description: The alarm is raised when the filter module receives a BGP FlowSpec NLRI that cannot be treated.		
Remedial action: Information - if the the problem persists please contact Alcatel-Lucent support for assistance.		

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Table 41-50 BgpMonitorPrefixFlapRateThresholdReached

Alarm	Attributes	Applicable major releases
Name: BgpMonitorPrefixFlapRateThresholdReached (432) Type: topologyAlarm (34) Package: topology Raised on class: topology.Cpaa	Severity: major Implicitly cleared: true Default probable cause: unstablePrefix (410)	Unspecified
Description: The alarm is raised when a BGP monitor prefix flap rate exceeds the maximum flap rate threshold value.		
Remedial action: User configured alarm for monitoring purpose. Alarm text provides information about the affected prefix. User can look at the records for BGP prefix monitoring or BGP events history for debugging purpose.		

Table 41-51 BgpMonPrefixUnreachable

Alarm	Attributes	Applicable major releases
Name: BgpMonPrefixUnreachable (1114) Type: topologyAlarm (34) Package: topology Raised on class: topology.Cpaa	Severity: major Implicitly cleared: true Default probable cause: prefixUnreachable (827)	Unspecified
Description: The alarm is raised when no route for the monitored prefix is detected.		
Remedial action: User configured alarm for monitoring purpose. Alarm text provides information about the affected prefix. User can look at the records for BGP prefix monitoring or BGP events history for debugging purpose.		

Table 41-52 BgpMonPrefRedundancyLossThresholdReached

Alarm	Attributes	Applicable major releases
Name: BgpMonPrefRedundancyLossThresholdReached (796) Type: topologyAlarm (34) Package: topology Raised on class: topology.Cpaa	Severity: major Implicitly cleared: true Default probable cause: lowNumberOfNHops (563)	Unspecified
Description: The alarm is raised when the number of next hops for a monitored BGP route reaches or falls below the minimum threshold value.		
Remedial action: User configured alarm for monitoring purpose. Alarm text provides information about the affected prefix. User can look at the records for BGP prefix monitoring or BGP events history for debugging purpose.		

Table 41-53 BgpPktRateThresholdReached

Alarm	Attributes	Applicable major releases
Name: BgpPktRateThresholdReached (431) Type: topologyAlarm (34) Package: topology Raised on class: topology.Cpaa	Severity: major Implicitly cleared: true Default probable cause: unstableBgpSpeaker (409)	Unspecified
Description: The alarm is raised when a BGP packet rate exceeds the maximum threshold value.		
Remedial action: User configured alarm for monitoring purpose. BGP events history can be used for debugging purpose.		

Table 41-54 BgpProfilePrefixUnreachable

Alarm	Attributes	Applicable major releases
Name: BgpProfilePrefixUnreachable (8148) Type: topologyAlarm (34) Package: topology Raised on class: topology.AbstractBgpRouteProfile	Severity: variable Implicitly cleared: false Default probable cause: BGPProfilePrefixUnreachable (2544)	Unspecified
Description: The alarm is raised when the prefix on BGP profile is unreachable.		
Remedial action: BGP Profile matched with BGP prefix unreachable event.		

Table 41-55 BgpRouteChangeThresholdPerNHopReached

Alarm	Attributes	Applicable major releases
Name: BgpRouteChangeThresholdPerNHopReached (601) Type: topologyAlarm (34) Package: topology Raised on class: topology.Cpaa	Severity: major Implicitly cleared: true Default probable cause: unstableBgpSpeaker (409)	Unspecified
Description: The alarm is raised when the number of BGP route changes for a next hop reaches the maximum threshold value for a next hop.		
Remedial action: User configured alarm for monitoring purpose. BGP events history can be used for debugging purpose.		

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Table 41-56 BgpRouteChangeThresholdPerRTargetReached

Alarm	Attributes	Applicable major releases
Name: BgpRouteChangeThresholdPerRTargetReached (600) Type: topologyAlarm (34) Package: topology Raised on class: topology.Cpaa	Severity: major Implicitly cleared: true Default probable cause: unstableVpnSite (413)	Unspecified
Description: The alarm is raised when the number of BGP route changes for a route target reaches the maximum threshold value for route targets.		
Remedial action: User configured alarm for monitoring purpose. BGP events history can be used for debugging purpose.		

Table 41-57 BgpRouteCountThresholdReached

Alarm	Attributes	Applicable major releases
Name: BgpRouteCountThresholdReached (428) Type: topologyAlarm (34) Package: topology Raised on class: topology.Cpaa	Severity: major Implicitly cleared: true Default probable cause: tooManyBgpRouteForNextHop (408)	Unspecified
Description: The alarm is raised when the BGP route count for a next hop exceeds the maximum threshold value for next hops.		
Remedial action: User configured alarm for monitoring purpose. BGP events history can be used for debugging purpose.		

Table 41-58 BgpRouteFlapRateThresholdReached

Alarm	Attributes	Applicable major releases
Name: BgpRouteFlapRateThresholdReached (430) Type: topologyAlarm (34) Package: topology Raised on class: topology.Cpaa	Severity: major Implicitly cleared: true Default probable cause: unstableBgpSpeaker (409)	Unspecified
Description: The alarm is raised when the BGP route flap rate exceeds the maximum threshold value.		
Remedial action: User configured alarm for monitoring purpose. BGP events history can be used for debugging purpose.		

Table 41-59 BgpRouteHighWatermarkPerRTargetReached

Alarm	Attributes	Applicable major releases
Name: BgpRouteHighWatermarkPerRTargetReached (433) Type: topologyAlarm (34) Package: topology Raised on class: topology.Cpaa	Severity: major Implicitly cleared: true Default probable cause: tooManyBgpRouteForGivenRouteTarget (411)	Unspecified
Description: The alarm is raised when there are too many BGP routes for a route target.		
Remedial action: User configured alarm for monitoring purpose. BGP events history can be used for debugging purpose.		

Table 41-60 BgpRouteLowWatermarkPerRTargetReached

Alarm	Attributes	Applicable major releases
Name: BgpRouteLowWatermarkPerRTargetReached (434) Type: topologyAlarm (34) Package: topology Raised on class: topology.Cpaa	Severity: major Implicitly cleared: true Default probable cause: tooLittleBgpRouteForGivenRouteTarget (412)	Unspecified
Description: The alarm is raised when there are too few BGP routes for a route target.		
Remedial action: User configured alarm for monitoring purpose. BGP events history can be used for debugging purpose.		

Table 41-61 BgpRouteRateThresholdPerRTargetReached

Alarm	Attributes	Applicable major releases
Name: BgpRouteRateThresholdPerRTargetReached (435) Type: topologyAlarm (34) Package: topology Raised on class: topology.Cpaa	Severity: major Implicitly cleared: true Default probable cause: unstableVpnSite (413)	Unspecified
Description: The alarm is raised when the BGP route rate for a target reaches the maximum threshold value for route targets.		
Remedial action: User configured alarm for monitoring purpose. BGP events history can be used for debugging purpose.		

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Table 41-62 BgpRouteRateThresholdReached

Alarm	Attributes	Applicable major releases
Name: BgpRouteRateThresholdReached (429) Type: topologyAlarm (34) Package: topology Raised on class: topology.Cpaa	Severity: major Implicitly cleared: true Default probable cause: tooManyBgpRouteForNextHop (408)	Unspecified
Description: The alarm is raised when the BGP route rate for a next hop exceeds the maximum threshold value for next hops.		
Remedial action: User configured alarm for monitoring purpose. BGP events history can be used for debugging purpose.		

Table 41-63 BidirectionalTPLspDestinationMisconfiguration

Alarm	Attributes	Applicable major releases
Name: BidirectionalTPLspDestinationMisconfiguration (5117) Type: configurationAlarm (11) Package: mplstp Raised on class: mplstp.GlobalTPLsp	Severity: critical Implicitly cleared: true Default probable cause: DestinationParametersMismatch (2053)	Unspecified
Description: The alarm is raised when the Destination Global ID, Destination Node ID, or Destination Tunnel Number is not consistent with the configuration of the opposite TP-LSP in a Bidirectional TP-LSP.		
Remedial action: This alarm is generated when a TP-LSP that belongs to a Bidirectional TP-LSP has any of its Destination Global ID, Destination Node ID, or Destination Tunnel Number misconfigured. Review the configuration both TP-LSPs in the Bidirectional TP-LSP and ensure that the Destination Global ID, Destination Node ID, and Destination Tunnel Number are configured properly.		

Table 41-64 BidirectionalTPLspPathLspNumberMisconfiguration

Alarm	Attributes	Applicable major releases
Name: BidirectionalTPLspPathLspNumberMisconfiguration (5118) Type: configurationAlarm (11) Package: mplstp Raised on class: mplstp.GlobalTPLspPath	Severity: critical Implicitly cleared: true Default probable cause: LSPNumberMismatch (2054)	Unspecified
Description: The alarm is raised when the LSP Path Number is not consistent with the LSP Path Number for LER A and LER B.		
Remedial action: This alarm is generated when the LSP Path Number for the Bidirectional TP-LSP Path does not match LER A and/or LER B. Review the configuration of LSP Path Number LER A and LER B and ensure both are set to the same value as the Bidirectional TP-LSP Path's LSP Path Number.		

Table 41-65 BidirIpPathMonitorPathsDiverge

Alarm	Attributes	Applicable major releases
Name: BidirIpPathMonitorPathsDiverge (603) Type: topologyAlarm (34) Package: monpath Raised on class: monpath.BidirMonitoredIpPath	Severity: minor Implicitly cleared: true Default probable cause: ipPathsDiverge (449)	Unspecified
Description: The alarm is raised when the 5650 CPAM detects that the IP paths of a bidirectional IP path monitor diverge. The alarm clears when the paths converge. This may occur when an IP path monitor cannot be set up after the number of attempts specified by the cpamManagedRoute problematicThresholdAlarmAfter value in the nms-server.xml file. The alarm is raised if the cpamManagedRoute problematicRetryStrategy value in nms-server.xml is set to countdown. The default problematicRetryStrategy value of reactive prevents the alarm from being raised.		
Remedial action: Informational - Paths in both direction can be highlighted on the CPAM map to identify the divergence point.		

Table 41-66 BidirLspMonitorPathsDiverge

Alarm	Attributes	Applicable major releases
Name: BidirLspMonitorPathsDiverge (1915) Type: topologyAlarm (34) Package: monpath Raised on class: monpath.BidirMonitoredLspPath	Severity: minor Implicitly cleared: true Default probable cause: LspPathsDiverge (917)	Unspecified
Description: The alarm is raised when the LSP's active path's hops do not match in the forward and reverse direction.		
Remedial action: Informational - Paths in both direction can be highlighted on the CPAM map to identify the divergence point.		

Table 41-67 BootEnvironmentSyncFailed

Alarm	Attributes	Applicable major releases
Name: BootEnvironmentSyncFailed (101) Type: equipmentAlarm (3) Package: sw Raised on class: sw.SoftwareUpgradeManager	Severity: critical Implicitly cleared: true Default probable cause: bootEnvironmentSyncFailed (87)	Unspecified
Description: The alarm is raised when the synchronization of one or more system initialization files between the active and standby CPM cards fails, or when one or both of the CSM compact flash devices do not have enough space when the 'admin redundancy synchronize boot-env' command is executed, or when the node is rebooted.		
Remedial action: The operator should make sure that the Boot Environment files on the CSM cards are in Sync with each other or there is enough space available on the compact flash.		

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Table 41-68 BootLoaderFirmwareMismatchAlarm

Alarm	Attributes	Applicable major releases
Name: BootLoaderFirmwareMismatchAlarm (617) Type: firmwareAlarm (26) Package: equipment Raised on class: equipment.ControlProcessor	Severity: critical Implicitly cleared: false Default probable cause: bootLoaderVersionMismatch (118)	Unspecified
Description: The alarm is raised when there is a mismatch between the firmware version and the software image on an NE. The alarm information includes the discovered and expected version identifiers.		
Remedial action: Either the firmware or the device SW must be upgraded to compatible versions. The image (firmware or device SW) which is the oldest should be upgraded. Firmware must be upgraded using the NE's CLI. 5620 SAM can be used to upgrade the SW image on the device.		

Table 41-69 BrokenLoop

Alarm	Attributes	Applicable major releases
Name: BrokenLoop (469) Type: configurationAlarm (11) Package: equipment Raised on class: equipment.StackConfiguration	Severity: major Implicitly cleared: true Default probable cause: stackNotInLoop (355)	Unspecified
Description: The alarm is raised when the loop-detection stack detects a loop condition, or when the stack contains an unexpected element.		
Remedial action: Login to switch console, check and correct configuration and reload stack.		

Table 41-70 BWUtilizationExceeded

Alarm	Attributes	Applicable major releases
Name: BWUtilizationExceeded (811) Type: thresholdCrossed (6) Package: netw Raised on class: netw.AbstractPhysicalLink	Severity: major Implicitly cleared: true Default probable cause: thresholdCrossed (12)	Unspecified
Description: The alarm is raised when the per-CoS or overall bandwidth utilization exceeds the configured threshold.		
Remedial action: Informational - if the alarm persists or is occurring frequently then investigation is required to understand how this Physical Link became overbooked		

Table 41-71 CableLOS (equipment)

Alarm	Attributes	Applicable major releases
Name: CableLOS (678) Type: communicationsAlarm (4) Package: equipment Raised on class: equipment.Equipment	Severity: variable Implicitly cleared: true Default probable cause: cableLOS (493)	Unspecified
Description: The alarm is raised when an MSS detects a cable LOS event.		
Remedial action: Please refer to the 9500 Node Maintenance manual for remedial action information.		

Table 41-72 CableLOS (radioequipment)

Alarm	Attributes	Applicable major releases
Name: CableLOS (678) Type: communicationsAlarm (4) Package: radioequipment Raised on class: radioequipment.RadioPortSpecifics	Severity: variable Implicitly cleared: true Default probable cause: cableLOS (493)	Unspecified
Description: The alarm is raised when an MSS detects a cable LOS event.		
Remedial action: The alarm is raised when an MSS detects a cable LOS event. Please refer to the 9500 Node Maintenance manual for remedial action information.		

Table 41-73 CallTraceAlreadyActive

Alarm	Attributes	Applicable major releases
Name: CallTraceAlreadyActive (1279) Type: callTraceSessionAlarm (90) Package: lte Raised on class: lte.CTg	Severity: warning Implicitly cleared: true Default probable cause: callTraceManuallyActivated (906)	Unspecified
Description: The alarm is raised when a Call Trace Session is already active when the scheduled task starts. The scheduled task will not deactivate it. The Call Trace Session must be manually deactivated. The alarm is cleared when the Call Trace session is deactivated successfully.		
Remedial action: The existing Call Trace Session must be manually deactivated. The alarm is cleared when the Call Trace session is deactivated successfully.		

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Table 41-74 CallTraceScheduledTaskExecutionError

Alarm	Attributes	Applicable major releases
Name: CallTraceScheduledTaskExecutionError (1280) Type: callTraceSessionAlarm (90) Package: Ite Raised on class: Ite.CTg	Severity: warning Implicitly cleared: false Default probable cause: callTraceConfigurationError (907) Applicable probable causes: <ul style="list-style-type: none"> • callTraceConfigurationError • eventBasedTraceEnabled • debugTraceActive 	Unspecified
Description: The alarm is raised when the execution of a Call Trace scheduled task has a failure activating or deactivating this Call Trace session.		
Remedial action: Check the call trace session.		

Table 41-75 CAProfileStateChange

Alarm	Attributes	Applicable major releases
Name: CAProfileStateChange (3910) Type: configurationAlarm (11) Package: sitesecc Raised on class: sitesecc.CertificateAuthProfile	Severity: major Implicitly cleared: true Default probable cause: caProfileStateDown (1497)	Unspecified
Description: The alarm is raised when Certificate Authority profile changes state to 'down' due to tmnxSecNotifFailureReason.		
Remedial action: The Certificate Authority profile changes state to 'down'. Depending on the reason specified, corrective action should be taken		

Table 41-76 CardCPUAboveThreshold

Alarm	Attributes	Applicable major releases
Name: CardCPUAboveThreshold (618) Type: configurationAlarm (11) Package: equipment Raised on class: equipment.CardSlot	Severity: major Implicitly cleared: false Default probable cause: CardCPUUtilizationCrossedAboveThreshold (458)	Unspecified
Description: The alarm is raised when the card CPU usage exceeds the threshold value.		
Remedial action: Informational - The CPU of the card indicated in the alarm is overloaded. If the condition persists then processing load should be transferred from this card to other cards which are more lightly loaded. If the problem persists then please contact Alcatel-Lucent support for assistance.		

Table 41-77 CardMemoryAboveThreshold

Alarm	Attributes	Applicable major releases
Name: CardMemoryAboveThreshold (619) Type: configurationAlarm (11) Package: equipment Raised on class: equipment.CardSlot	Severity: major Implicitly cleared: false Default probable cause: CardMemoryUtilizationCrossedAboveThreshold (459)	Unspecified
Description: The alarm is raised when the card memory usage exceeds the threshold value.		
Remedial action: Informational - The memory of the card indicated in the alarm is over utilized. If the condition persists then processing load should be transferred from this card to other cards which are more lightly loaded in order to reduce memory consumption. If the problem persists then please contact Alcatel-Lucent support for assistance.		

Table 41-78 CardRxAboveThreshold

Alarm	Attributes	Applicable major releases
Name: CardRxAboveThreshold (620) Type: configurationAlarm (11) Package: equipment Raised on class: equipment.CardSlot	Severity: major Implicitly cleared: true Default probable cause: CardRxUtilizationCrossedAboveThreshold (460)	Unspecified
Description: The alarm is raised when the card Rx exceeds the threshold value.		
Remedial action: The utilization of the card is higher than normal. If the problem persists please contact Alcatel-Lucent support for assistance.		

Table 41-79 CardRxTxAboveThreshold

Alarm	Attributes	Applicable major releases
Name: CardRxTxAboveThreshold (621) Type: configurationAlarm (11) Package: equipment Raised on class: equipment.CardSlot	Severity: major Implicitly cleared: true Default probable cause: CardRxTxUtilizationCrossedAboveThreshold (461)	Unspecified
Description: The alarm is raised when the card Tx exceeds the threshold value.		
Remedial action: The utilization of the card is higher than normal. If the problem persists please contact Alcatel-Lucent support for assistance.		

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Table 41-80 CardUnseated

Alarm	Attributes	Applicable major releases
Name: CardUnseated (1161) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.CardSlot	Severity: major Implicitly cleared: true Default probable cause: CardUnseated (864)	Unspecified
Description: The alarm is raised when a card is removed.		
Remedial action: Informational - no corrective action required.		

Table 41-81 CeAddressIncompatible

Alarm	Attributes	Applicable major releases
Name: CeAddressIncompatible (251) Type: configurationAlarm (11) Package: ipipe Raised on class: ipipe.Ipipe	Severity: major Implicitly cleared: true Default probable cause: ceAddressIncompatible (190)	Unspecified
Description: The alarm is raised when two SAPs in an Ipipe have the same CE IP address, or when the CE IP address is not the same as the CE IP address of the peer SDP binding.		
Raising condition: ('ceAddressIncompatible' EQUAL 'true')		
Clearing condition: ('ceAddressIncompatible' EQUAL 'false')		
Remedial action: Modify the CE Address so that it's not same address as other SAPs and it matches the address of the peer SDP binding.		

Table 41-82 CheckpointLimitAt75Percent

Alarm	Attributes	Applicable major releases
Name: CheckpointLimitAt75Percent (425) Type: configurationAlarm (11) Package: topology Raised on class: topology.TopologyManager	Severity: warning Implicitly cleared: false Default probable cause: tooManyCheckpoints (337)	Unspecified
Description: The alarm is raised when the number of check points reaches 75 percent of the maximum allowed value.		
Remedial action: Informational - deprecated 9.0		

Table 41-83 CheckpointLimitReachedOrExceeded

Alarm	Attributes	Applicable major releases
Name: CheckpointLimitReachedOrExceeded (426) Type: configurationAlarm (11) Package: topology Raised on class: topology.TopologyManager	Severity: warning Implicitly cleared: false Default probable cause: tooManyCheckpointObjects (837)	Unspecified
Description: The alarm is raised when the number of check points objects reaches or exceeds the maximum allowed value.		
Remedial action: Maximum number of Checkpoint objects reached, the IGP history cleanup task begins and removes older objects. To keep history increase maximumNumberOfCheckpointObjects in nms-server.xml.		

Table 41-84 ChildTemplateInvalid

Alarm	Attributes	Applicable major releases
Name: ChildTemplateInvalid (193) Type: configurationAlarm (11) Package: template Raised on class: template.TemplateBinding	Severity: major Implicitly cleared: true Default probable cause: referencedObjectInvalid (152)	Unspecified
Description: The alarm is raised when a child template in a template binding is invalid. The alarm is deprecated in the 5620 SAM, Release 6.0 and later.		
Raising condition: ('childTemplateInvalidReference' EQUAL 'true')		
Clearing condition: ('childTemplateInvalidReference' EQUAL 'false')		
Remedial action: Informational - deprecated 6.0		

Table 41-85 CliLoginMaxAttempts

Alarm	Attributes	Applicable major releases
Name: CliLoginMaxAttempts (3701) Type: communicationsAlarm (4) Package: netw Raised on class: netw.NetworkElement	Severity: warning Implicitly cleared: false Default probable cause: cliLoginMaxAttempts (1439)	Unspecified
Description: The alarm is raised when the number of CLI login failures due to an incorrect user name or password using TELNET session exceeds the configured value.		
Remedial action: Informational		

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Table 41-86 ClockFailure

Alarm	Attributes	Applicable major releases
Name: ClockFailure (1162) Type: communicationsAlarm (4) Package: equipment Raised on class: equipment.Port	Severity: variable Implicitly cleared: true Default probable cause: clockFailure (865)	Unspecified
Description: The alarm is raised when an MPT radio clock failure occurs.		
Remedial action: Please refer to the 9500 Node Maintenance manual for remedial action information.		

Table 41-87 CModeRxQueryMismatch

Alarm	Attributes	Applicable major releases
Name: CModeRxQueryMismatch (160) Type: configurationAlarm (11) Package: igmp Raised on class: igmp.Interface	Severity: major Implicitly cleared: false Default probable cause: InvalidCompatibilityModeofQueryReceieved (130)	Unspecified
Description: The alarm is raised when an IGMP interface receives an IGMP query of a higher version than the version configured on the interface, for example, when the interface is configured for IGMPv1 and it receives an IGMPv2 or IGMPv3 query. The interface does not process the received IGMP message.		
Remedial action: Informational - no corrective action required.		

Table 41-88 CommonLOS

Alarm	Attributes	Applicable major releases
Name: CommonLOS (3621) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.Port	Severity: variable Implicitly cleared: true Default probable cause: commonLOS (1410)	Unspecified
Description: The alarm is raised when a radio interface CLA detects a loss of signal.		
Remedial action: Please refer to the 9500 Node Maintenance manual for remedial action information.		

Table 41-89 CommunityMisconfiguration

Alarm	Attributes	Applicable major releases
Name: CommunityMisconfiguration (442) Type: serviceAlarm (16) Package: vprn Raised on class: vprn.AbstractSite	Severity: major Implicitly cleared: true Default probable cause: CommunityMisconfiguration (347)	Unspecified
Description: The alarm is raised when the 5620 SAM detects a community misconfiguration on a service site.		
Remedial action: Configure the SNMP community String on the VPRN service site		

Table 41-90 ConfigFileSyncFailed

Alarm	Attributes	Applicable major releases
Name: ConfigFileSyncFailed (102) Type: equipmentAlarm (3) Package: sw Raised on class: sw.SoftwareUpgradeManager	Severity: critical Implicitly cleared: true Default probable cause: configFileSyncFailed (88)	Unspecified
Description: The alarm is raised when the configuration file synchronization between the active and standby CPM cards fails.		
Remedial action: Please log into the NE in question via CLI and execute a manual synchronization. If the problem persists please contact Alcatel-Lucent support for assistance.		

Table 41-91 ConfigNotCompatible

Alarm	Attributes	Applicable major releases
Name: ConfigNotCompatible (405) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.PhysicalPort	Severity: critical Implicitly cleared: false Default probable cause: DaughterCardConfigNotCompatible (301)	Unspecified
Description: The alarm is raised when an MDA configuration is incompatible with the MDA.		
Remedial action: A configuration error has occurred which must be corrected. The MDA type configured for the slot identified in the alarm must match the installed MDA type.		

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Table 41-92 Connected2GUEsExceeded

Alarm	Attributes	Applicable major releases
Name: Connected2GUEsExceeded (5041) Type: communicationsAlarm (4) Package: Itemme Raised on class: Itemme.MmeInstance	Severity: info Implicitly cleared: false Default probable cause: ThresholdExceeded (2052)	Unspecified
Description: The alarm is raised when the number of Connected 2G UEs exceeds the threshold that has been set by the operator.		
Raising condition: (('2G Connected UEs Threshold' NOT EQUAL '0L') AND ('2G Connected UEs' > '2G Connected UEs Threshold'))		
Remedial action: Informational - no corrective action required.		

Table 41-93 Connected3GUEsExceeded

Alarm	Attributes	Applicable major releases
Name: Connected3GUEsExceeded (5042) Type: communicationsAlarm (4) Package: Itemme Raised on class: Itemme.MmeInstance	Severity: info Implicitly cleared: false Default probable cause: ThresholdExceeded (2052)	Unspecified
Description: The alarm is raised when the number of Connected 3G UEs exceeds the threshold that has been set by the operator.		
Raising condition: (('3G Connected UEs Threshold' NOT EQUAL '0L') AND ('3G Idle UEs' > '3G Connected UEs Threshold'))		
Remedial action: Informational - no corrective action required.		

Table 41-94 Connected4GUEsExceeded

Alarm	Attributes	Applicable major releases
Name: Connected4GUEsExceeded (5043) Type: communicationsAlarm (4) Package: Itemme Raised on class: Itemme.MmeInstance	Severity: info Implicitly cleared: false Default probable cause: ThresholdExceeded (2052)	Unspecified
Description: The alarm is raised when the number of 4G Connected UEs exceeds the threshold that has been set by the operator.		
Raising condition: (('4G Connected UEs Threshold' NOT EQUAL '0L') AND ('4G Connected UEs' > '4G Connected UEs Threshold'))		
Remedial action: Informational - no corrective action required.		

Table 41-95 ContainingEquipmentMissing

Alarm	Attributes	Applicable major releases
Name: ContainingEquipmentMissing (463) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.Port	Severity: major Implicitly cleared: true Default probable cause: ContainingEquipmentMissing (327)	Unspecified
Description: The alarm is raised when the compositeEquipmentState attribute has a value of containingEquipmentMissing.		
Clearing condition: (('Status' NOT EQUAL 'Parent Removed') OR ('isTerminatable' NOT EQUAL 'true') OR ('Equipped' EQUAL 'false'))		
Remedial action: Informational - an card has been removed from the system.		

Table 41-96 CorporateAndSecuredCompositeServicesAreNotConnected

Alarm	Attributes	Applicable major releases
Name: CorporateAndSecuredCompositeServicesAreNotConnected (828) Type: serviceAlarm (16) Package: ipsec Raised on class: ipsec.IPSecSecuredVpn	Severity: warning Implicitly cleared: false Default probable cause: CompositeServiceMisconfiguration (591)	Unspecified
Description: The alarm is raised when the corporate and secured services used by an IPsec VPN do not have a connector between them.		
Raising condition: ('corporateToSecureServiceConnector' EQUAL 'Not Connected')		
Clearing condition: (('corporateToSecureServiceConnector' EQUAL 'Connected') OR ('corporateToSecureServiceConnector' EQUAL 'None'))		
Remedial action: Create a connector to connect the Corporate service and Secured service.		

Table 41-97 CorporateAndSecuredCompositeServicesMismatch

Alarm	Attributes	Applicable major releases
Name: CorporateAndSecuredCompositeServicesMismatch (829) Type: serviceAlarm (16) Package: ipsec Raised on class: ipsec.IPSecSecuredVpn	Severity: warning Implicitly cleared: false Default probable cause: CompositeServiceMisconfiguration (591)	Unspecified
Description: The alarm is raised when the corporate and secured services used by an IPsec VPN are in different composite services.		
Remedial action: Informational - no corrective action required.		

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Table 41-98 CorruptedBgpUpdate

Alarm	Attributes	Applicable major releases
Name: CorruptedBgpUpdate (3328) Type: topologyAlarm (34) Package: topology Raised on class: topology.BgpAutonomousSystem	Severity: major Implicitly cleared: false Default probable cause: CorruptedBgpUpdateDetected (1164)	Unspecified
Description: The alarm is raised when a BGP-bad-update-packet-received message is sent from the CPAA against a BGP AS. The alarm is not auto-cleared by CPAM.		
Remedial action: A peer is sending a corrupted BGP update. The information regarding the update can be viewed in the BGP corrupted update record. Action should be taken to fix the offending BGP speaker.		

Table 41-99 CouplingEthernetLinkDown

Alarm	Attributes	Applicable major releases
Name: CouplingEthernetLinkDown (4819) Type: communicationsAlarm (4) Package: mwa Raised on class: mwa.PortTermination	Severity: variable Implicitly cleared: true Default probable cause: LossOfSignal (541)	Unspecified
Description: The alarm is raised when a MPT detects a coupling Ethernet Link Down		
Remedial action: Please refer to either 9500 or 7705 Node Maintenance manual for remedial action information.		

Table 41-100 CouplingLossOfRadioFrame

Alarm	Attributes	Applicable major releases
Name: CouplingLossOfRadioFrame (4820) Type: communicationsAlarm (4) Package: mwa Raised on class: mwa.PortTermination	Severity: variable Implicitly cleared: true Default probable cause: LossOfFrame (1904)	Unspecified
Description: The alarm is raised when a MPT detects a Loss of Radio Frame from Coupling Path		
Remedial action: Please refer to either 9500 or 7705 Node Maintenance manual for remedial action information.		

Table 41-101 CouplingPortSFPCardFailure

Alarm	Attributes	Applicable major releases
Name: CouplingPortSFPCardFailure (4821) Type: equipmentAlarm (3) Package: mwa Raised on class: mwa.PortTermination	Severity: variable Implicitly cleared: true Default probable cause: ReplaceableUnitProblem (1905)	Unspecified
Description: This alarm is raised when coupling port SFP Card failure is detected.		
Remedial action: Please refer to either 9500 or 7705 Node Maintenance manual for remedial action information.		

Table 41-102 CouplingPortSFPMissing

Alarm	Attributes	Applicable major releases
Name: CouplingPortSFPMissing (4822) Type: equipmentAlarm (3) Package: mwa Raised on class: mwa.PortTermination	Severity: variable Implicitly cleared: true Default probable cause: ReplaceableUnitMissing (1906)	Unspecified
Description: This alarm is raised when coupling port SFP is missing.		
Remedial action: Please refer to either 9500 or 7705 Node Maintenance manual for remedial action information.		

Table 41-103 CpaAreaUnreachableThroughISIS

Alarm	Attributes	Applicable major releases
Name: CpaAreaUnreachableThroughISIS (5418) Type: topologyAlarm (34) Package: topology Raised on class: topology.Cpa	Severity: major Implicitly cleared: true Default probable cause: CPAALinksToAreaDown (2125)	Unspecified
Description: The alarm is raised when all links from CPAA to an area are down.		
Remedial action: 1) The active CPAA cannot reach certain CPAA instance through the ISIS protocol. Please check the links to the unreachable CPAA instance. 2) If the standby CPAA is functional as per your requirements, switch-over might resolve the issue.		

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Table 41-104 CpaAreaUnreachableThroughOSPF

Alarm	Attributes	Applicable major releases
Name: CpaAreaUnreachableThroughOSPF (5419) Type: topologyAlarm (34) Package: topology Raised on class: topology.Cpa	Severity: major Implicitly cleared: true Default probable cause: CPAALinksToAreaDown (2125)	Unspecified
Description: The alarm is raised when all links from CPAA to OSPF area are down.		
Remedial action: 1) The active CPAA cannot reach certain area through the OSPF protocol. Please check the links to the unreachable area. 2) If the standby CPAA is functional as per your requirements, switch-over might resolve the issue.		

Table 41-105 CpaAreaUnreachableThroughOSPFv3

Alarm	Attributes	Applicable major releases
Name: CpaAreaUnreachableThroughOSPFv3 (5420) Type: topologyAlarm (34) Package: topology Raised on class: topology.Cpa	Severity: major Implicitly cleared: true Default probable cause: CPAALinksToAreaDown (2125)	Unspecified
Description: The alarm is raised when all links from CPAA to OSPFv3 area are down.		
Remedial action: 1) The active CPAA cannot reach certain area through the OSPFv3 protocol. Please check the links to the unreachable area. 2) If the standby CPAA is functional as per your requirements, switch-over might resolve the issue.		

Table 41-106 CpmTimedLicenseExpiryNotice

Alarm	Attributes	Applicable major releases
Name: CpmTimedLicenseExpiryNotice (692) Type: cpamLicensingAlarm (39) Package: security Raised on class: security.CpmLicense	Severity: variable Implicitly cleared: false Default probable cause: timedcpamLicenseExpiryNotice (293)	Unspecified
Description: The alarm is raised when the 5650 CPAM license timer expires. The alarm information includes the license expiry date.		
Remedial action: Informational - the CPAM license key is about to expire. Please contact Alcatel-Lucent Sales to request either an extension for the license or a permanent license key.		

Table 41-107 CpeUnreachable

Alarm	Attributes	Applicable major releases
Name: CpeUnreachable (525) Type: communicationsAlarm (4) Package: rtr Raised on class: rtr.StaticRoute	Severity: major Implicitly cleared: true Default probable cause: CpeUnreachable (334)	Unspecified
Description: The alarm is raised when the CPE associated with a static route is unreachable.		
Remedial action: Please check that the static route is correct or exists for the CPE.		

Table 41-108 CPMPChipMemoryEvent

Alarm	Attributes	Applicable major releases
Name: CPMPChipMemoryEvent (4989) Type: hardwareAnomaly (55) Package: equipment Raised on class: equipment.ProcessorCard	Severity: warning Implicitly cleared: true Default probable cause: memoryParityError (451)	Unspecified
Description: The alarm is raised when a PChip detects a memory error. The alarm is raised against a 7450 ESS, 7710 SR, 7950 SR, or 7750 SR. The alarm is raised against a Release 11.0 NE at R4 or later.		
Remedial action: A fault has been detected in the hardware if the problem persists please contact Alcatel-Lucent support for assistance.		

Table 41-109 CreditControlInsertedFltrEntryDropped

Alarm	Attributes	Applicable major releases
Name: CreditControlInsertedFltrEntryDropped (1150) Type: configurationAlarm (11) Package: acfilter Raised on class: acfilter.FilterDefinition	Severity: warning Implicitly cleared: false Default probable cause: FilterEntryDropped (856)	Unspecified
Description: The alarm is raised when a request to insert a filter entry is not successful for a credit control application.		
Remedial action: A Configuration error has occurred. The request to insert a filter entry was not successful for Credit Control application. Check the configuration filter entry.		

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Table 41-110 CreditControlInsertSpaceThresholdAlarm

Alarm	Attributes	Applicable major releases
Name: CreditControlInsertSpaceThresholdAlarm (1149) Type: configurationAlarm (11) Package: acfilter Raised on class: acfilter.FilterDefinition	Severity: major Implicitly cleared: true Default probable cause: UtilizationExceedConfiguredLimit (855)	Unspecified
Description: The alarm is raised when the utilization of a filter entry range that is reserved for filter entry insertion increases to the configured maximum value for a credit control application insert range.		
Remedial action: The filter entry range reserved for filter entry insertion has increased to the configured high watermark for Credit Control application. Make an adjusted to the high watermark or to the filter.		

Table 41-111 CrossConnectionFail

Alarm	Attributes	Applicable major releases
Name: CrossConnectionFail (679) Type: communicationsAlarm (4) Package: radioequipment Raised on class: radioequipment.RadioPortSpecifics	Severity: variable Implicitly cleared: true Default probable cause: crossConnectionFail (494)	Unspecified
Description: The alarm is raised when an MSS TDM cross-connection fails.		
Remedial action: Please refer to the 9500 Node Maintenance manual for remedial action information.		

Table 41-112 CTAuxMisalignmentWhileEnbAutoAllocationDisabled

Alarm	Attributes	Applicable major releases
Name: CTAuxMisalignmentWhileEnbAutoAllocationDisabled (5423) Type: communicationsAlarm (4) Package: lte Raised on class: lte.CallTraceSessionManager	Severity: major Implicitly cleared: true Default probable cause: eNBsAuxIPMisalignment (2126)	Unspecified
Description: The alarm is raised if automatic AUX allocation is disabled and if there is a discrepancy between the eNB configurations and the AUX assigned to the eNB in SAM. If the automatic AUX allocation is enabled, SAM will automatically set the eNB IP addresses linked to the trace management on the assigned AUX in SAM.		
Remedial action: Manually launch the allocation of the eNBs to the active CT AUX server.		

Table 41-113 DatabaseServerErrors

Alarm	Attributes	Applicable major releases
Name: DatabaseServerErrors (5174) Type: databaseAlarm (29) Package: db Raised on class: db.DatabaseManager	Severity: critical Implicitly cleared: false Default probable cause: DatabaseErrors (2090)	Unspecified
Description: The alarm is raised when when a critical Oracle error occurs.		
Remedial action: The probable cause of this alarm is the database server detected a critical error. The EmsDbServerHealth.log and oracle trace files will provide more information.		

Table 41-114 DataChannelLoopback

Alarm	Attributes	Applicable major releases
Name: DataChannelLoopback (3945) Type: configurationAlarm (11) Package: tdmequipment Raised on class: tdmequipment.DataChannelSpecifics	Severity: warning Implicitly cleared: true Default probable cause: dataChannelLoopback (1526)	Unspecified
Description: The alarm is raised when an NE reports that a data channel has a loopback alarm condition.		
Remedial action: Informational only.		

Table 41-115 DataMtReused

Alarm	Attributes	Applicable major releases
Name: DataMtReused (361) Type: dataMtReusedAlarm (37) Package: pim Raised on class: pim.DataMtInterface	Severity: warning Implicitly cleared: false Default probable cause: DataMtReused (258)	Unspecified
Description: The alarm is raised when a data MDT is reused.		
Remedial action: A configuration error has occurred that must be corrected. Please check MVPN Selective Tunnel Data MT Interface configuration so that no duplicate C (S,G) is mapped to a data MDT.		

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Table 41-116 DaughterCardConfigNotCompatible

Alarm	Attributes	Applicable major releases
Name: DaughterCardConfigNotCompatible (404) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.DaughterCardSlot	Severity: critical Implicitly cleared: false Default probable cause: DaughterCardConfigNotCompatible (301)	Unspecified
Description: The alarm is raised when a supported MDA is inserted into a compatible IOM slot, but the configuration on the MDA ports is not compatible with the MDA.		
Remedial action: A configuration error has occurred which must be corrected. The configuration of one or more ports must be changed to match the ports on the MDA.		

Table 41-117 DDosCardFpEventOverflow

Alarm	Attributes	Applicable major releases
Name: DDosCardFpEventOverflow (4460) Type: securityServiceOrMechanismViolation (92) Package: equipment Raised on class: equipment.Card	Severity: warning Implicitly cleared: true Default probable cause: eventOverflow (1684)	Unspecified
Description: The alarm is raised when a flood of distributed CPU FP protection events occur on a particular card and some of the events are lost due to event throttling mechanism.		
Remedial action: Please reduce the number of distributed DoS FP protection policers configured.		

Table 41-118 DDosCardSapEventOverflow

Alarm	Attributes	Applicable major releases
Name: DDosCardSapEventOverflow (4461) Type: securityServiceOrMechanismViolation (92) Package: equipment Raised on class: equipment.Card	Severity: warning Implicitly cleared: true Default probable cause: eventOverflow (1684)	Unspecified
Description: The alarm is raised when a flood of distributed CPU protection SAP events occur on a particular card and some of the events are lost due to event throttling mechanism.		
Remedial action: Please reduce the number of distributed DoS SAP protection policers configured.		

Table 41-119 DDosCardVrtrIfEventOverflow

Alarm	Attributes	Applicable major releases
Name: DDosCardVrtrIfEventOverflow (4462) Type: securityServiceOrMechanismViolation (92) Package: equipment Raised on class: equipment.Card	Severity: warning Implicitly cleared: true Default probable cause: eventOverflow (1684)	Unspecified
Description: The alarm is raised when a flood of distributed CPU protection network-interface events occur on a particular card and some of the events are lost due to event throttling mechanism.		
Remedial action: Please reduce the number of distributed DoS Network Interface protection policers configured.		

Table 41-120 DDosFpDynamicPoolUsageHigh

Alarm	Attributes	Applicable major releases
Name: DDosFpDynamicPoolUsageHigh (4463) Type: securityServiceOrMechanismViolation (92) Package: equipment Raised on class: equipment.ForwardingPlane	Severity: warning Implicitly cleared: true Default probable cause: resourceLimitReached (131)	Unspecified
Description: The alarm is raised when the dynamic enforcement policer pool usage on the forwarding plane is nearly exhausted.		
Remedial action: Please adjust the dynamic enforcement policer pool usage.		

Table 41-121 Degrade

Alarm	Attributes	Applicable major releases
Name: Degrade (622) Type: communicationsAlarm (4) Package: equipment Raised on class: equipment.Port	Severity: variable Implicitly cleared: true Default probable cause: degrade (462)	Unspecified
Description: The alarm is raised when a degraded signal is detected.		
Remedial action: The signal being received on the indicated port is of poor quality. Check to ensure that the physical link is not damaged and that the link is properly connected/seated to the port.		

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Table 41-122 DemFail (equipment)

Alarm	Attributes	Applicable major releases
Name: DemFail (680) Type: communicationsAlarm (4) Package: equipment Raised on class: equipment.Equipment	Severity: variable Implicitly cleared: true Default probable cause: demFail (495)	Unspecified
Description: The alarm is raised when an MSS demodulation function fails.		
Remedial action: Please refer to the 9500 Node Maintenance manual for remedial action information.		

Table 41-123 DemFail (radioequipment)

Alarm	Attributes	Applicable major releases
Name: DemFail (680) Type: communicationsAlarm (4) Package: radioequipment Raised on class: radioequipment.RadioPortSpecifics	Severity: variable Implicitly cleared: true Default probable cause: demFail (495)	Unspecified
Description: The alarm is raised when an MSS demodulation function fails.		
Remedial action: Please refer to the 9500 Node Maintenance manual for remedial action information.		

Table 41-124 DemodulatorUnlocked

Alarm	Attributes	Applicable major releases
Name: DemodulatorUnlocked (4823) Type: communicationsAlarm (4) Package: mwa Raised on class: mwa.PortTermination	Severity: variable Implicitly cleared: true Default probable cause: DemodulationFailure (1907)	Unspecified
Description: The alarm is raised when a MPT detects demodulation failure.		
Remedial action: Please refer to either 9500 or 7705 Node Maintenance manual for remedial action information.		

Table 41-125 DemXpicLOS (equipment)

Alarm	Attributes	Applicable major releases
Name: DemXpicLOS (3622) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.Port	Severity: variable Implicitly cleared: true Default probable cause: demXpicLos (1411)	Unspecified

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Alarm	Attributes	Applicable major releases
Description: The alarm is raised when a loss of signal occurs during XPIC demodulation.		
Remedial action: Please refer to the 9500 Node Maintenance manual for remedial action information.		

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Table 41-126 DemXpicLOS (mpr)

Alarm	Attributes	Applicable major releases
Name: DemXpicLOS (3622) Type: communicationsAlarm (4) Package: mpr Raised on class: mpr.SubRackElements	Severity: variable Implicitly cleared: true Default probable cause: demXpicLos (1411)	Unspecified
Description: The alarm is raised when a loss of signal occurs during XPIC demodulation.		
Remedial action: Please refer to the 9500 Node Maintenance manual for remedial action information.		

Table 41-127 DependentObjectDeleted

Alarm	Attributes	Applicable major releases
Name: DependentObjectDeleted (192) Type: configurationAlarm (11) Package: template Raised on class: template.Template	Severity: major Implicitly cleared: true Default probable cause: referencedObjectGone (151)	Unspecified
Description: The alarm is raised when an object referenced by a template cannot be found. The alarm is deprecated in the 5620 SAM, Release 6.0 and later.		
Raising condition: ('Invalid References (Reset on Save)' EQUAL 'true')		
Clearing condition: ('Invalid References (Reset on Save)' EQUAL 'false')		
Remedial action: Informational - deprecated 6.0		

Table 41-128 DeployProfileFailed

Alarm	Attributes	Applicable major releases
Name: DeployProfileFailed (610) Type: configurationAlarm (11) Package: autoconfig Raised on class: autoconfig.AutoProvisioning	Severity: major Implicitly cleared: false Default probable cause: DeployProfileFailed (453)	Unspecified
Description: The alarm is raised when the deployment of a script to a 7705 SAR fails.		
Remedial action: Informational - Please revisit target node configuration.		

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Table 41-129 Deregistered4GUEsExceeded

Alarm	Attributes	Applicable major releases
Name: Deregistered4GUEsExceeded (5044) Type: communicationsAlarm (4) Package: Itemme Raised on class: Itemme.MmeInstance	Severity: info Implicitly cleared: false Default probable cause: ThresholdExceeded (2052)	Unspecified
Description: The alarm is raised when the number of 4G Deregistered UEs exceeds the threshold that has been set by the operator.		
Raising condition: (('4G Deregistered UEs Threshold' NOT EQUAL '0L') AND ('4G Deregistered UEs' > '4G Deregistered UEs Threshold'))		
Remedial action: Informational - no corrective action required.		

Table 41-130 DfPeerDown

Alarm	Attributes	Applicable major releases
Name: DfPeerDown (3304) Type: EpcLIAlarm (102) Package: Iteli Raised on class: Iteli.DfPeer	Severity: major Implicitly cleared: true Default probable cause: DfPeerDown (1151)	Unspecified
Description: The alarm is raised on a Delivery Function that is operationally down.		
Raising condition: (('isLocal' EQUAL 'true') AND ('Operational State' NOT EQUAL 'In Service'))		
Clearing condition: NOT (('isLocal' EQUAL 'true') AND ('Operational State' NOT EQUAL 'In Service'))		
Remedial action: A TCP connection failure associated with a Delivery Function has occurred. The underlying transport network is unreliable. Please correct the issue within the transport network.		

Table 41-131 DHCPFoLeaseUpdateFailedAddressConflict

Alarm	Attributes	Applicable major releases
Name: DHCPFoLeaseUpdateFailedAddressConflict (5159) Type: configurationAlarm (11) Package: dhcp Raised on class: dhcp.LocalDhcpPoolFailover	Severity: warning Implicitly cleared: false Default probable cause: DHCPFoLeaseUpdateFailedAddressConflict (2079)	Unspecified
Description: This alarm is raised when a address conflict lease update received from the failover peer cannot be processed successfully. This DHCP pool instance has already leased another address to this host.		
Remedial action: This alarm indicates that the Local DHCP Pool Failover lease update has failed. Packets received from the failover peer cannot be processed. This DHCP pool instance has already leased another address to this host. Please ensure all configurations are correct.		

Table 41-132 DHCPFoLeaseUpdateFailedfoShutdown

Alarm	Attributes	Applicable major releases
Name: DHCPFoLeaseUpdateFailedfoShutdown (5167) Type: configurationAlarm (11) Package: dhcp Raised on class: dhcp.LocalDhcpPoolFailover	Severity: warning Implicitly cleared: false Default probable cause: DHCFoLeaseUpdateFailedfoShutdown (2087)	Unspecified
Description: This alarm is raised when a shutdown lease update received from the failover peer cannot be processed successfully. The failover state of this DHCP Pool instance is 'shutdown'.		
Remedial action: This alarm indicates that the Local DHCP Pool Failover lease update has failed. Packets received from the failover peer cannot be processed. The failover state of this DHCP Pool instance is 'shutdown'. Please ensure all configurations are correct.		

Table 41-133 DHCPFoLeaseUpdateFailedHostConflict

Alarm	Attributes	Applicable major releases
Name: DHCPFoLeaseUpdateFailedHostConflict (5160) Type: configurationAlarm (11) Package: dhcp Raised on class: dhcp.LocalDhcpPoolFailover	Severity: warning Implicitly cleared: false Default probable cause: DHCFoLeaseUpdateFailedHostConflict (2080)	Unspecified
Description: This alarm is raised when a host conflict lease update received from the failover peer cannot be processed successfully. This DHCP pool instance has already leased this address to another host.		
Remedial action: This alarm indicates that the Local DHCP Pool Failover lease update has failed. Packets received from the failover peer cannot be processed. This DHCP pool instance has already leased this address to another host. Please ensure all configurations are correct.		

Table 41-134 DHCPFoLeaseUpdateFailedLeaseExpired

Alarm	Attributes	Applicable major releases
Name: DHCPFoLeaseUpdateFailedLeaseExpired (5161) Type: configurationAlarm (11) Package: dhcp Raised on class: dhcp.LocalDhcpPoolFailover	Severity: warning Implicitly cleared: false Default probable cause: DHCFoLeaseUpdateFailedLeaseExpired (2081)	Unspecified
Description: This alarm is raised when a lease expired lease update received from the failover peer cannot be processed successfully. The lease received from the peer has expired.		
Remedial action: This alarm indicates that the Local DHCP Pool Failover lease update has failed. Packets received from the failover peer cannot be processed. The lease received from the peer has expired. Please ensure all configurations are correct.		

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Table 41-135 DHCPFoLeaseUpdateFailedMaxLeaseReached

Alarm	Attributes	Applicable major releases
Name: DHCPFoLeaseUpdateFailedMaxLeaseReached (5162) Type: configurationAlarm (11) Package: dhcp Raised on class: dhcp.LocalDhcpPoolFailover	Severity: warning Implicitly cleared: false Default probable cause: DHCPFoLeaseUpdateFailedMaxLeaseReached (2082)	Unspecified
Description: This alarm is raised when a maximum reached lease update received from the failover peer cannot be processed successfully. The maximum number of leases is already reached.		
Remedial action: This alarm indicates that the Local DHCP Pool Failover lease update has failed. Packets received from the failover peer cannot be processed. The maximum number of leases is already reached. Please ensure all configurations are correct.		

Table 41-136 DHCPFoLeaseUpdateFailedPeerConflict

Alarm	Attributes	Applicable major releases
Name: DHCPFoLeaseUpdateFailedPeerConflict (5163) Type: configurationAlarm (11) Package: dhcp Raised on class: dhcp.LocalDhcpPoolFailover	Severity: warning Implicitly cleared: false Default probable cause: DHCPFoLeaseUpdateFailedPeerConflict (2083)	Unspecified
Description: This alarm is raised when a peer conflict lease update received from the failover peer cannot be processed successfully. The failover peer has leased an address within a subnet range of which the failover control is set to 'local' on this local DHCP pool instance.		
Remedial action: This alarm indicates that the Local DHCP Pool Failover lease update has failed. Packets received from the failover peer cannot be processed. The failover peer has leased an address within a subnet range of which the failover control is set to 'local' on this local DHCP pool instance. Please ensure all configuration is correct.		

Table 41-137 DHCPFoLeaseUpdateFailedPersistenceCongested

Alarm	Attributes	Applicable major releases
Name: DHCPFoLeaseUpdateFailedPersistenceCongested (5164) Type: configurationAlarm (11) Package: dhcp Raised on class: dhcp.LocalDhcpPoolFailover	Severity: warning Implicitly cleared: false Default probable cause: DHCPFoLeaseUpdateFailedPersistenceCongested (2084)	Unspecified
Description: This alarm is raised when a persistence congested lease update received from the failover peer cannot be processed successfully. The lease received from the peer can not be persistently stored because the persistence subsystem is in overload.		
Remedial action: This alarm indicates that the Local DHCP Pool Failover lease update has failed. Packets received from the failover peer cannot be processed. The lease received from the peer can not be persistently stored because the persistence subsystem is in overload. Please ensure all configuration is correct.		

Table 41-138 DHCPFoLeaseUpdateFailedRangeNotFound

Alarm	Attributes	Applicable major releases
Name: DHCPFoLeaseUpdateFailedRangeNotFound (5165) Type: configurationAlarm (11) Package: dhcp Raised on class: dhcp.LocalDhcpPoolFailover	Severity: warning Implicitly cleared: false Default probable cause: DHCPFoLeaseUpdateFailedRangeNotFound (2085)	Unspecified
Description: This alarm is raised when a range not found lease update received from the failover peer cannot be processed successfully. No valid include range for this lease could be found.		
Remedial action: This alarm indicates that the Local DHCP Pool Failover lease update has failed. Packets received from the failover peer cannot be processed. No valid include range for this lease could be found. Please ensure all configurations are correct.		

Table 41-139 DHCPFoLeaseUpdateFailedSubnetNotFound

Alarm	Attributes	Applicable major releases
Name: DHCPFoLeaseUpdateFailedSubnetNotFound (5166) Type: configurationAlarm (11) Package: dhcp Raised on class: dhcp.LocalDhcpPoolFailover	Severity: warning Implicitly cleared: false Default probable cause: DHCPFoLeaseUpdateFailedSubnetNotFound (2086)	Unspecified
Description: This alarm is raised when a subnet not found lease update received from the failover peer cannot be processed successfully. No valid subnet for this lease could be found.		
Remedial action: This alarm indicates that the Local DHCP Pool Failover lease update has failed. Packets received from the failover peer cannot be processed. No valid subnet for this lease could be found. Please ensure all configurations are correct.		

Table 41-140 DHCPFoLeaseUpdateFailedAddressConflict

Alarm	Attributes	Applicable major releases
Name: DHCPFoLeaseUpdateFailedAddressConflict (4977) Type: configurationAlarm (11) Package: dhcp Raised on class: dhcp.LocalDhcpServerFailover	Severity: warning Implicitly cleared: false Default probable cause: DHCPFoLeaseUpdateFailedAddressConflict (2032)	Unspecified
Description: This alarm is raised when a address conflict lease update received from the failover peer cannot be processed successfully. This DHCP server instance has already leased another address to this host.		
Remedial action: This alarm indicates the Local DHCP Server Failover lease update has failed. Packet received from the failover peer, cannot be processed successfully. This DHCP server instance has already leased another address to this host. Please ensure all configuration is correct.		

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Table 41-141 DHCPFoLeaseUpdateFailedfoShutdown

Alarm	Attributes	Applicable major releases
Name: DHCPFoLeaseUpdateFailedfoShutdown (4985) Type: configurationAlarm (11) Package: dhcp Raised on class: dhcp.LocalDhcpServerFailover	Severity: warning Implicitly cleared: false Default probable cause: DHCPFoLeaseUpdateFailedfoShutdown (2040)	Unspecified
Description: This alarm is raised when a shutdown lease update received from the failover peer cannot be processed successfully. The failover state of this DHCP Server instance is 'shutdown'.		
Remedial action: This alarm indicates the Local DHCP Server Failover lease update has failed. Packet received from the failover peer, cannot be processed successfully. The failover state of this DHCP Server instance is 'shutdown'. Please ensure all configuration is correct.		

Table 41-142 DHCPFoLeaseUpdateFailedHostConflict

Alarm	Attributes	Applicable major releases
Name: DHCPFoLeaseUpdateFailedHostConflict (4978) Type: configurationAlarm (11) Package: dhcp Raised on class: dhcp.LocalDhcpServerFailover	Severity: warning Implicitly cleared: false Default probable cause: DHCPFoLeaseUpdateFailedHostConflict (2033)	Unspecified
Description: This alarm is raised when a host conflict lease update received from the failover peer cannot be processed successfully. This DHCP server instance has already leased this address to another host.		
Remedial action: This alarm indicates the Local DHCP Server Failover lease update has failed. Packet received from the failover peer, cannot be processed successfully. This DHCP server instance has already leased this address to another host. Please ensure all configuration is correct.		

Table 41-143 DHCPFoLeaseUpdateFailedLeaseExpired

Alarm	Attributes	Applicable major releases
Name: DHCPFoLeaseUpdateFailedLeaseExpired (4979) Type: configurationAlarm (11) Package: dhcp Raised on class: dhcp.LocalDhcpServerFailover	Severity: warning Implicitly cleared: false Default probable cause: DHCPFoLeaseUpdateFailedLeaseExpired (2034)	Unspecified
Description: This alarm is raised when a lease expired lease update received from the failover peer cannot be processed successfully. The lease received from the peer has expired.		
Remedial action: This alarm indicates the Local DHCP Server Failover lease update has failed. Packet received from the failover peer, cannot be processed successfully. The lease received from the peer has expired. Please ensure all configuration is correct.		

Table 41-144 DHCPFoLeaseUpdateFailedMaxLeaseReached

Alarm	Attributes	Applicable major releases
Name: DHCPFoLeaseUpdateFailedMaxLeaseReached (4980) Type: configurationAlarm (11) Package: dhcp Raised on class: dhcp.LocalDhcpServerFailover	Severity: warning Implicitly cleared: false Default probable cause: DHCPFoLeaseUpdateFailedMaxLeaseReached (2035)	Unspecified
Description: This alarm is raised when a maximum reached lease update received from the failover peer cannot be processed successfully. The maximum number of leases is already reached.		
Remedial action: This alarm indicates the Local DHCP Server Failover lease update has failed. Packet received from the failover peer, cannot be processed successfully. The maximum number of leases is already reached. Please ensure all configuration is correct.		

Table 41-145 DHCPFoLeaseUpdateFailedPeerConflict

Alarm	Attributes	Applicable major releases
Name: DHCPFoLeaseUpdateFailedPeerConflict (4981) Type: configurationAlarm (11) Package: dhcp Raised on class: dhcp.LocalDhcpServerFailover	Severity: warning Implicitly cleared: false Default probable cause: DHCPFoLeaseUpdateFailedPeerConflict (2036)	Unspecified
Description: This alarm is raised when a peer conflict lease update received from the failover peer cannot be processed successfully. The failover peer has leased an address within a subnet range of which the failover control is set to 'local' on this local DHCP server instance.		
Remedial action: This alarm indicates the Local DHCP Server Failover lease update has failed. Packet received from the failover peer, cannot be processed successfully. The failover peer has leased an address within a subnet range of which the failover control is set to 'local' on this local DHCP server instance. Please ensure all configuration is correct.		

Table 41-146 DHCPFoLeaseUpdateFailedPersistenceCongested

Alarm	Attributes	Applicable major releases
Name: DHCPFoLeaseUpdateFailedPersistenceCongested (4982) Type: configurationAlarm (11) Package: dhcp Raised on class: dhcp.LocalDhcpServerFailover	Severity: warning Implicitly cleared: false Default probable cause: DHCPFoLeaseUpdateFailedPersistenceCongested (2037)	Unspecified
Description: This alarm is raised when a persistence congested lease update received from the failover peer cannot be processed successfully. The lease received from the peer can not be persistently stored because the persistence subsystem is in overload.		
Remedial action: This alarm indicates the Local DHCP Server Failover lease update has failed. Packet received from the failover peer, cannot be processed successfully. The lease received from the peer can not be persistently stored because the persistence subsystem is in overload. Please ensure all configuration is correct.		

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Table 41-147 DHCPFoLeaseUpdateFailedRangeNotFound

Alarm	Attributes	Applicable major releases
Name: DHCPFoLeaseUpdateFailedRangeNotFound (4983) Type: configurationAlarm (11) Package: dhcp Raised on class: dhcp.LocalDhcpServerFailover	Severity: warning Implicitly cleared: false Default probable cause: DHCPFoLeaseUpdateFailedRangeNotFound (2038)	Unspecified
Description: This alarm is raised when a range not found lease update received from the failover peer cannot be processed successfully. No valid include range for this lease could be found.		
Remedial action: This alarm indicates the Local DHCP Server Failover lease update has failed. Packet received from the failover peer, cannot be processed successfully. No valid include range for this lease could be found. Please ensure all configuration is correct.		

Table 41-148 DHCPFoLeaseUpdateFailedSubnetNotFound

Alarm	Attributes	Applicable major releases
Name: DHCPFoLeaseUpdateFailedSubnetNotFound (4984) Type: configurationAlarm (11) Package: dhcp Raised on class: dhcp.LocalDhcpServerFailover	Severity: warning Implicitly cleared: false Default probable cause: DHCPFoLeaseUpdateFailedSubnetNotFound (2039)	Unspecified
Description: This alarm is raised when a subnet not found lease update received from the failover peer cannot be processed successfully. No valid subnet for this lease could be found.		
Remedial action: This alarm indicates the Local DHCP Server Failover lease update has failed. Packet received from the failover peer, cannot be processed successfully. No valid subnet for this lease could be found. Please ensure all configuration is correct.		

Table 41-149 DiamAppMessageDropped

Alarm	Attributes	Applicable major releases
Name: DiamAppMessageDropped (5175) Type: processingErrorAlarm (81) Package: diameter Raised on class: diameter.DiameterPeer	Severity: minor Implicitly cleared: false Default probable cause: diamAppMessageDropped (2091)	Unspecified
Description: The alarm is raised when the Diameter protocol has dropped a message		
Remedial action: The recovery action depends on the exact cause of the failure. See the Additional Text field in the Alarm Info form for a specific cause for the failure.		

Table 41-150 DiamAppSessionFailure

Alarm	Attributes	Applicable major releases
Name: DiamAppSessionFailure (5410) Type: processingErrorAlarm (81) Package: ressubscr Raised on class: ressubscr.ResidentialSubscriberInstance	Severity: minor Implicitly cleared: false Default probable cause: diamAppSessionFailure (2118)	Unspecified
Description: The alarm is raised when the Diameter protocol has a session failure.		
Remedial action: The recovery action depends on the exact cause of the failure. See the Additional Text field in the Alarm Info form for a specific cause for the failure.		

Table 41-151 DiskCapacityProblem

Alarm	Attributes	Applicable major releases
Name: DiskCapacityProblem (144) Type: storageAlarm (25) Package: equipment Raised on class: equipment.FlashMemory	Severity: variable Implicitly cleared: false Default probable cause: diskCapacityProblem (115)	Unspecified
Description: The alarm is raised when a compact flash capacity threshold value on an NE is reached or exceeded. The alarm condition is detected during resynchronization or when a tnmxEqFlashDiskFull trap is received. The threshold value is not configurable. The severity of the alarm depends on the percentage of disk capacity used, as listed below: - 75 percent, Minor - 90 percent, Major - 100 percent, Critical		
Remedial action: The usage of the compact flash device must be analysed and old or redundant files must be removed. This operation must be executed using the CLI interface on the NE.		

Table 41-152 DryContactAlarm

Alarm	Attributes	Applicable major releases
Name: DryContactAlarm (460) Type: dryContactAlarm (47) Package: equipment Raised on class: equipment.DryContact	Severity: variable Implicitly cleared: false Default probable cause: dryContactExternalAlarmRaised (351)	Unspecified
Description: The alarm is raised when a device detects a dry contact alarm condition.		
Remedial action: The remedial action for this alarm depends on the condition that the dry contact alarm is configured.		

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Table 41-153 DS1E1Loopback

Alarm	Attributes	Applicable major releases
Name: DS1E1Loopback (409) Type: configurationAlarm (11) Package: tdmequipment Raised on class: tdmequipment.DS1E1ChannelSpecifics	Severity: warning Implicitly cleared: true Default probable cause: ds1e1Loopback (305)	Unspecified
Description: The alarm is raised when an NE reports that a specific DS1 or E1 channel has a loopback alarm condition.		
Remedial action: Informational only.		

Table 41-154 DS3E3Loopback

Alarm	Attributes	Applicable major releases
Name: DS3E3Loopback (408) Type: configurationAlarm (11) Package: tdmequipment Raised on class: tdmequipment.DS3E3ChannelSpecifics	Severity: warning Implicitly cleared: true Default probable cause: ds3e3Loopback (304)	Unspecified
Description: The alarm is raised when an NE reports that a specific DS3 or E3 channel has a loopback alarm condition.		
Remedial action: Informational only.		

Table 41-155 DscPlatformLicenseKeyExpiredAlarm

Alarm	Attributes	Applicable major releases
Name: DscPlatformLicenseKeyExpiredAlarm (1133) Type: EpcAlarm (59) Package: lte Raised on class: lte.DynamicServicesControllerInstance	Severity: major Implicitly cleared: false Default probable cause: DscPlatformLicenseKeyExpired (841)	Unspecified
Description: The alarm is raised when the DSC platform license key is expired.		
Remedial action: Contact Alcatel-Lucent support to obtain new DSC license key		

Table 41-156 DscPlatformLicenseKeyExpiringAlarm

Alarm	Attributes	Applicable major releases
Name: DscPlatformLicenseKeyExpiringAlarm (1134) Type: EpcAlarm (59) Package: Ite Raised on class: Ite.DynamicServicesControllerInstance	Severity: minor Implicitly cleared: false Default probable cause: DscPlatformLicenseKeyExpiring (842)	Unspecified
Description: The alarm is raised when the DSC platform license key is expiring.		
Remedial action: Contact Alcatel-Lucent support to obtain new DSC license key		

Table 41-157 DscPlatformLicenseKeyHighWaterAlarm

Alarm	Attributes	Applicable major releases
Name: DscPlatformLicenseKeyHighWaterAlarm (1135) Type: EpcAlarm (59) Package: Ite Raised on class: Ite.DynamicServicesControllerInstance	Severity: minor Implicitly cleared: false Default probable cause: DscPlatformLicenseKeyHighWaterMarkCrossed (843)	Unspecified
Description: The alarm is raised when the 5780 DSC license key crosses the high watermark for a specified threshold.		
Remedial action: Contact Alcatel-Lucent support to obtain new DSC license key		

Table 41-158 DscPlatformLicenseKeyLowWaterAlarm

Alarm	Attributes	Applicable major releases
Name: DscPlatformLicenseKeyLowWaterAlarm (1136) Type: EpcAlarm (59) Package: Ite Raised on class: Ite.DynamicServicesControllerInstance	Severity: info Implicitly cleared: false Default probable cause: DscPlatformLicenseKeyLowWaterMarkCrossed (844)	Unspecified
Description: The alarm is raised when the 5780 DSC license key crosses the low watermark for a specified threshold.		
Remedial action: Contact Alcatel-Lucent support to obtain new DSC license key		

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Table 41-159 DscPlatformLicenseKeyThresholdReachedAlarm

Alarm	Attributes	Applicable major releases
Name: DscPlatformLicenseKeyThresholdReachedAlarm (1137) Type: EpcAlarm (59) Package: Ite Raised on class: Ite.DynamicServicesControllerInstance	Severity: major Implicitly cleared: true Default probable cause: DscPlatformLicenseKeyThresholdReached (845)	Unspecified
Description: The alarm is raised when the 5780 DSC license key reaches a specified threshold.		
Remedial action: NContact Alcatel-Lucent support to obtain new DSC license key		

Table 41-160 DualEndedLossNotSupported

Alarm	Attributes	Applicable major releases
Name: DualEndedLossNotSupported (1194) Type: oamAlarm (18) Package: ethernetToam Raised on class: ethernetToam.MaintAssociation	Severity: warning Implicitly cleared: true Default probable cause: dualEndedLossNotSupported (895)	Unspecified
Description: The alarm is raised when a MEP that does not support Y1731 Dual Ended Loss test is participating in a CFM Continuity Check test that has Y1731 Dual Ended Loss test enabled.		
Remedial action: Informational - The alarm is raised when at least one MEP that does not support Y1731 Dual Ended Loss test is participating in a CFM Continuity Check test that has Y1731 Dual Ended Loss test enabled.		

Table 41-161 DualEndedLossThresholdAlarm

Alarm	Attributes	Applicable major releases
Name: DualEndedLossThresholdAlarm (1195) Type: oamAlarm (18) Package: ethernetToam Raised on class: ethernetToam.Mep	Severity: minor Implicitly cleared: true Default probable cause: dualEndedLossThresholdExceeded (896)	Unspecified
Description: The alarm is raised when a MEP reports that either the Local or Remote loss ratio has exceeded the configured threshold for the specified remote MEP.		
Remedial action: Informational - The alarm is raised when a MEP reports that either the Local or Remote loss ratio has exceeded the configured threshold for the specified remote MEP.		

Table 41-162 DualMaster

Alarm	Attributes	Applicable major releases
Name: DualMaster (420) Type: configurationAlarm (11) Package: srrp Raised on class: srrp.Instance	Severity: major Implicitly cleared: false Default probable cause: dualMaster (313)	Unspecified
Description: The alarm is raised when the local and remote SRRP instances are in the master state.		
Remedial action: Shut down one of the peer SRRP instances, modify the priority to a larger value (lower priority) and then turn it up.		

Table 41-163 duplicateAdminGroupName

Alarm	Attributes	Applicable major releases
Name: duplicateAdminGroupName (4895) Type: configurationAlarm (11) Package: svt Raised on class: svt.TunnelAdminGroup	Severity: warning Implicitly cleared: true Default probable cause: duplicateNameExists (1953)	Unspecified
Description: The alarm is raised when two or more global Admin Groups share the same group name.		
Remedial action: Either change the admin group name to a different value, or delete this one and recreate it with a new name.		

Table 41-164 DuplicateIpAddress

Alarm	Attributes	Applicable major releases
Name: DuplicateIpAddress (5129) Type: configurationAlarm (11) Package: rtr Raised on class: rtr.VirtualRouterIpAddress	Severity: warning Implicitly cleared: true Default probable cause: duplicateIpAddress (2059)	Unspecified
Description: The alarm is raised when a duplicate routing instance IP Address is found on two or more different NEs.		
Remedial action: Verify to ensure the duplicate routing instance IP Address is not for dual homing or network redundancy configuration. Navigate to the Virtual Router Duplicate IP Addresses listing: (Tools -> Network Resources -> Virtual Router Duplicate IP Addresses), for more information on the duplicate IP address.		

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Table 41-165 DuplicateRole

Alarm	Attributes	Applicable major releases
Name: DuplicateRole (470) Type: configurationAlarm (11) Package: equipment Raised on class: equipment.StackConfiguration	Severity: major Implicitly cleared: false Default probable cause: twoElementsWithSameRole (356)	Unspecified
Description: The alarm is raised when a slot has the same primary or secondary role as another slot in the stack. The slot subsequently enters pass-through mode.		
Remedial action: Login to switch console, check and correct configuration and reload stack.		

Table 41-166 DuplicateRouteDistinguisher

Alarm	Attributes	Applicable major releases
Name: DuplicateRouteDistinguisher (4996) Type: configurationAlarm (11) Package: I3fwd Raised on class: I3fwd.ServiceSite	Severity: warning Implicitly cleared: true Default probable cause: duplicateRouteDistinguisher (2050)	Unspecified
Description: The alarm is raised if a duplicate Route Distinguisher is configured on two different NE's on different VPRN Service.		
Remedial action: The Route Distinguisher has been configured on another L3 VPRN Site. Please check the value of Route Distinguisher under Routing tab of VPRN Routing Instance.		

Table 41-167 DuplicateSlot

Alarm	Attributes	Applicable major releases
Name: DuplicateSlot (468) Type: configurationAlarm (11) Package: equipment Raised on class: equipment.StackConfiguration	Severity: major Implicitly cleared: false Default probable cause: duplicateSlotNINumber (354)	Unspecified
Description: The alarm is raised when a slot has the same slot number as another stack element. The slot must relinquish its operational status because it has a higher election key, based on the up time, slot number, and MAC address. Both slots subsequently enter pass-through mode.		
Remedial action: Login to switch console, correct the slot number and reload stack.		

Table 41-168 DuplicateVrfPolicy

Alarm	Attributes	Applicable major releases
Name: DuplicateVrfPolicy (229) Type: configurationAlarm (11) Package: I3fwd Raised on classes: <ul style="list-style-type: none"> I3fwd.ServiceSiteImportPolicy I3fwd.ServiceSiteExportPolicy 	Severity: warning Implicitly cleared: true Default probable cause: duplicateVrfPolicyExists (177)	Unspecified
Description: The alarm is raised when the 5620 SAM detects a duplicate VRF policy in a VPRN. The alarm information includes the VRF policy ID and type, and information about the service site. Note: starting from SAM 12.0 R1, SAM no longer raise this alarm since it is not much useful but has performance issue.		
Remedial action: A configuration error has been made which must be corrected. The duplicate VRF policy must be deleted. Note: starting from SAM 12.0 R1, SAM no longer raises this alarm.		

Table 41-169 DuplicateVrfTarget

Alarm	Attributes	Applicable major releases
Name: DuplicateVrfTarget (230) Type: configurationAlarm (11) Package: I3fwd Raised on class: I3fwd.ServiceSite	Severity: warning Implicitly cleared: true Default probable cause: duplicateVrfTargetExists (178)	Unspecified
Description: The alarm is raised when the 5620 SAM detects a duplicate VRF target in a VPRN. The alarm information includes the VRF policy ID and type, and information about the service site.		
Remedial action: A configuration error has been made which must be corrected. The duplicate VRF target must be deleted.		

Table 41-170 DyingGasp (equipment)

Alarm	Attributes	Applicable major releases
Name: DyingGasp (1164) Type: communicationsAlarm (4) Package: equipment Raised on class: equipment.CardSlot	Severity: major Implicitly cleared: false Default probable cause: dyingGaspSignal (463)	Unspecified
Description: The alarm is raised when a Dying Gasp trap is received to indicate a power failure.		
Remedial action: This alarm is raised by the node just before going down, this might be due to the fact that the power supply connected to the node is down or failed. Please make sure the power supply to the specific node is proper.		

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Table 41-171 DyingGasp (netw)

Alarm	Attributes	Applicable major releases
Name: DyingGasp (1164) Type: communicationsAlarm (4) Package: netw Raised on class: netw.NetworkElement	Severity: major Implicitly cleared: false Default probable cause: dyingGasp (1423)	Unspecified
Description: The alarm is raised when a 7210 SAS node has loss of power.		
Remedial action: This alarm is raised by the node just before going down, this might be due to the fact that the power supply connected to the node is down or failed. Please make sure the power supply to the specific node is proper.		

Table 41-172 DyingGaspSignal

Alarm	Attributes	Applicable major releases
Name: DyingGaspSignal (623) Type: communicationsAlarm (4) Package: equipment Raised on class: equipment.PhysicalPort	Severity: major Implicitly cleared: false Default probable cause: dyingGaspSignal (463)	Unspecified
Description: The alarm is raised when a Dying Gasp signal is received from a remote 7210 SAS to indicate a power loss.		
Clearing condition: ('state' EQUAL 'Link Up')		
Remedial action: This alarm is raised by the node to indicate that one of the neighbouring node which is directly connected to the specific port of this node has signaled that it's going down. This might be due to the fact that the power supply connected to the remote node is down or failed, please make sure the power supply to that specific remote node through the specific port (as found in the additional text field) is proper.		

Table 41-173 DynSvcIdRangeConflict

Alarm	Attributes	Applicable major releases
Name: DynSvcIdRangeConflict (4420) Type: DynSvcIdRangeConflict (126) Package: dynsvc Raised on class: dynsvc.DynSvcNeConfig	Severity: warning Implicitly cleared: true Default probable cause: DynSvcIdRangeConflict (1584)	Unspecified
Description: The alarm is raised when the configured Dynamic Service ID Range has conflicts with one or more Range Policies.		
Remedial action: A possible conflict currently exists between the Dynamic Service ID Range specified for this NE and one or more Range Policy entries. To clear the alarm, one of the two must change. This alarm may be benign if the the conflicting Range Policy and Dynamic Service ID Range were intended.		

Table 41-174 DynSvcSapFailure

Alarm	Attributes	Applicable major releases
Name: DynSvcSapFailure (4421) Type: DynSvcSapFailure (127) Package: dynsvc Raised on class: dynsvc.DynSvcNeConfig	Severity: warning Implicitly cleared: false Default probable cause: DynSvcSapFailure (1585)	Unspecified
Description: The DynSvcSapFailure alarm is raised when a Dynamic Services service SAP creation, modification or removal failed. If the SAP does not exist at the time of this notification, the value 'invalid portid' is put in the alarms sapPortId.'		
Remedial action: Ensure that the RADIUS server and python script specified by the Dynamic Service Policy is functioning correctly.		

Table 41-175 EarlyWarning (mwa)

Alarm	Attributes	Applicable major releases
Name: EarlyWarning (681) Type: communicationsAlarm (4) Package: mwa Raised on class: mwa.PortTermination	Severity: variable Implicitly cleared: true Default probable cause: EarlyWarning (1908)	Unspecified
Description: The alarm is raised when a MPT detects an early warning event.		
Remedial action: Please refer to either 9500 or 7705 Node Maintenance manual for remedial action information.		

Table 41-176 EarlyWarning (radioequipment)

Alarm	Attributes	Applicable major releases
Name: EarlyWarning (681) Type: communicationsAlarm (4) Package: radioequipment Raised on class: radioequipment.RadioPortSpecifics	Severity: variable Implicitly cleared: true Default probable cause: earlyWarning (496)	Unspecified
Description: The alarm is raised when an MSS detects an early warning event.		
Remedial action: Please refer to the 9500 Node Maintenance manual for remedial action information.		

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Table 41-177 EcldRxTxOrMacModified

Alarm	Attributes	Applicable major releases
Name: EcldRxTxOrMacModified (802) Type: configurationAlarm (11) Package: mpr Raised on class: mpr.MprVII	Severity: minor Implicitly cleared: false Default probable cause: ecldRxTxOrMacModified (568)	Unspecified
Description: The alarm is raised when something other than the 5620 SAM deletes a service cross-connect and creates a new service cross-connect whose MAC address, EC ID Rx, or EC ID Tx value does not match the value in the original service.		
Remedial action: Please refer to the 9500 Node Maintenance manual for remedial action information.		

Table 41-178 EMSYSTEMTIMEOUT

Alarm	Attributes	Applicable major releases
Name: EMSYSTEMTIMEOUT (8151) Type: communicationsAlarm (4) Package: hip Raised on class: hip.EMSYSTEM	Severity: warning Implicitly cleared: false Default probable cause: excessiveResponseTime (1141)	Unspecified
Description: The alarm is raised when the time out is raised (the SAM to EMS request take too long time)		
Remedial action: NA		

Table 41-179 EncapsulationTypeIncompatible

Alarm	Attributes	Applicable major releases
Name: EncapsulationTypeIncompatible (250) Type: configurationAlarm (11) Package: vll Raised on class: vll.Vll	Severity: major Implicitly cleared: false Default probable cause: sapEncapsulationTypeIncompatible (189)	Unspecified
Description: The alarm is raised when the encapsulation types of two SAPs in the same lpipe are mismatched.		
Raising condition: ('encapsulationTypeIncompatible' EQUAL 'true')		
Clearing condition: ('encapsulationTypeIncompatible' EQUAL 'false')		
Remedial action: Ensure that the encapsulation type of any two SAPs in I-Pipe service are not mismatched.		

Table 41-180 EndpointActiveObjectChanged

Alarm	Attributes	Applicable major releases
Name: EndpointActiveObjectChanged (437) Type: redundancyAlarm (52) Package: service Raised on class: service.Endpoint	Severity: warning Implicitly cleared: false Default probable cause: ServiceEndpointSwitchover (1442) Applicable probable causes: <ul style="list-style-type: none"> ServiceEndpointSwitchover ForceSwitchover 	Unspecified
Description: The alarm is raised when an automatic or manual endpoint switchover occurs.		
Remedial action: Informational - no corrective action required.		

Table 41-181 EndpointMacLimitReached

Alarm	Attributes	Applicable major releases
Name: EndpointMacLimitReached (444) Type: resourceAlarm (28) Package: vpls Raised on class: vpls.Endpoint	Severity: warning Implicitly cleared: true Default probable cause: resourceLimitReached (131)	Unspecified
Description: The alarm is raised when the 5620 SAM receives the svcEndpointMacLimitAlarmRaised trap from an NE, which indicates that the number of MAC addresses stored in the FDB for the endpoint exceeds the high watermark for the site FIB. The number of MAC addresses includes the static MAC addresses on the endpoint and the learned MAC addresses in the spoke SDPs that are associated with the endpoint. The alarm clears when the 5620 SAM receives the svcEndpointMacLimitAlarmCleared trap from the NE.		
Remedial action: Increase the high water mark for the site FIB to allow more entries to be added.		

Table 41-182 EPSAbnormalState

Alarm	Attributes	Applicable major releases
Name: EPSAbnormalState (3932) Type: epsAbnormalConditionAlarm (113) Package: mpr Raised on class: mpr.MPRProtection	Severity: variable Implicitly cleared: true Default probable cause: EPSProblem (1515)	Unspecified
Description: The alarm is raised when abnormal state resulted due to force switch/lockout operation in EPS mode.		
Remedial action: This alarm is raised when forced-switch/lockout command in EPS mode which led to an abnormal condition.		

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Table 41-183 EPSPathDrillDownFailed

Alarm	Attributes	Applicable major releases
Name: EPSPathDrillDownFailed (847) Type: EpcAlarm (59) Package: Ite Raised on class: Ite.EPSPath	Severity: major Implicitly cleared: true Default probable cause: EPSPathDrillDownFailed (604)	Unspecified
Description: The alarm is raised when the drilldown of an EPS path fails.		
Raising condition: ('State' EQUAL 'Failed')		
Clearing condition: ('State' NOT EQUAL 'Failed')		
Remedial action: A configuration error has been made which must be corrected. The configured drill down hint does not match the underlying transport connectivity.		

Table 41-184 EPSPathReferencedObjectDeleted

Alarm	Attributes	Applicable major releases
Name: EPSPathReferencedObjectDeleted (848) Type: EpcAlarm (59) Package: Ite Raised on class: Ite.EPSPathComponent	Severity: major Implicitly cleared: true Default probable cause: EPSPathReferencedObjectDeleted (605)	Unspecified
Description: The alarm is raised when a referenced object is deleted.		
Raising condition: ('componentPointer' EQUAL "\")		
Clearing condition: ('componentPointer' NOT EQUAL "\")		
Remedial action: Informational - no corrective action required.		

Table 41-185 EthernetPortCrcFailure

Alarm	Attributes	Applicable major releases
Name: EthernetPortCrcFailure (3629) Type: communicationsAlarm (4) Package: ethernetequipment Raised on class: ethernetequipment.EthernetPortSpecifics	Severity: major Implicitly cleared: true Default probable cause: ethernetPortCrcFailure (1414)	Unspecified
Description: The alarm is raised when an Ethernet port CRC alarm condition is detected (Signal Degradation Threshold or Signal Failure Threshold exceeded).		
Remedial action: One of the following conditions exists on the referenced physical interface which must be corrected. A cable/fiber fault exists which must be corrected - check to ensure that the cable is not faulty and is properly connected. The port is faulty - run diagnostics on the port to determine the nature of the fault. If the problem cannot be resolved swap the card containing the port with a card which is known be functional.		

Table 41-186 EthernetPortInternalAlarm

Alarm	Attributes	Applicable major releases
Name: EthernetPortInternalAlarm (3630) Type: communicationsAlarm (4) Package: ethernetequipment Raised on class: ethernetequipment.EthernetPortSpecifics	Severity: major Implicitly cleared: true Default probable cause: ethernetPortInternalAlarm (1415)	Unspecified
Description: The alarm is raised when an Ethernet port experiences excessive internal MAC tx errors. It is generated only when downOnInternalError is enabled on the port.		
Remedial action: This alarm indicates that the port (card) in question is likely faulty. Please replace the card with a card known to be functional.		

Table 41-187 EthernetTunnelDown

Alarm	Attributes	Applicable major releases
Name: EthernetTunnelDown (771) Type: configurationAlarm (11) Package: ethernetTunnel Raised on class: ethernetTunnel.EthernetTunnel	Severity: major Implicitly cleared: true Default probable cause: ethernetTunnelDown (547)	Unspecified
Description: The alarm is raised when the aggregated Ethernet tunnel Operational State is Down.		
Raising condition: (('aggrEndPtOperationalState' EQUAL 'Down'))		
Clearing condition: (('aggrEndPtOperationalState' NOT EQUAL 'Down'))		
Remedial action: Fix the error indicated in the alarm, e.g. port down, MEP down...		

Table 41-188 ExcessiveEnvironmentTemperature (equipment)

Alarm	Attributes	Applicable major releases
Name: ExcessiveEnvironmentTemperature (1118) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.Port	Severity: variable Implicitly cleared: true Default probable cause: excessiveEnvironmentTemp (830)	Unspecified
Description: The alarm is raised when MPT is overheated.		
Remedial action: Please refer to the 9500 Node Maintenance manual for remedial action information.		

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Table 41-189 ExcessiveEnvironmentTemperature (mpr)

Alarm	Attributes	Applicable major releases
Name: ExcessiveEnvironmentTemperature (1118) Type: communicationsAlarm (4) Package: mpr Raised on class: mpr.SubRackElements	Severity: variable Implicitly cleared: true Default probable cause: excessiveEnvironmentTemp (830)	Unspecified
Description: The alarm is raised when MPT is overheated.		
Remedial action: Please refer to the 9500 Node Maintenance manual for remedial action information.		

Table 41-190 ExportPolicyNotFound

Alarm	Attributes	Applicable major releases
Name: ExportPolicyNotFound (231) Type: configurationAlarm (11) Package: I3fwd Raised on class: I3fwd.ServiceSiteExportPolicy	Severity: major Implicitly cleared: true Default probable cause: exportPolicyDoesNotExist (179)	Unspecified
Description: The alarm is raised when a VRF export policy for a VPRN cannot be found. The alarm information includes the policy ID. Note: starting from SAM 12.0 R1, SAM no longer raise this alarm since it is not much useful but has performance issue.		
Remedial action: A configuration error has occurred which must be corrected. The VRP export policy must be created and distributed to the NE reporting the problem. Note: starting from SAM 12.0 R1, SAM no longer raises this alarm.		

Table 41-191 FanCommunicationProblem

Alarm	Attributes	Applicable major releases
Name: FanCommunicationProblem (5424) Type: communicationsAlarm (4) Package: mpr Raised on class: mpr.SubRackElements	Severity: variable Implicitly cleared: true Default probable cause: fanCommunicationProblem (2127)	Unspecified
Description: The alarm is raised when a communication problem with fan is detected.		
Remedial action: The alarm is raised when FAN communication Problem is detected on the subrack. Refer 9500 Node Maintenance manual for remedial action information		

Table 41-192 FanRPMAlarm

Alarm	Attributes	Applicable major releases
Name: FanRPMAlarm (1126) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.Fan	Severity: variable Implicitly cleared: false Default probable cause: fanFailure (116)	Unspecified
Description: The alarm is raised when a fan alarm usage state is other than Normal.		
Remedial action: The NE has detected internal temperatures which are abnormally high. This could be caused by a failed fan unit or one or more dirty fan filters. Replacing the failed unit or filters should resolve the problem. Alternately the environment that the NE is operating in may not be within specifications found in the NE user guides.		

Table 41-193 FIBHighOccupancy

Alarm	Attributes	Applicable major releases
Name: FIBHighOccupancy (752) Type: resourceAlarm (28) Package: equipment Raised on class: equipment.BaseCard	Severity: warning Implicitly cleared: true Default probable cause: FIBHighOccupancy (528)	Unspecified
Description: The alarm is raised when the FIB occupancy on an IOM card changes from normal to high.		
Remedial action: Informational - no corrective action required.		

Table 41-194 FibOutOfSynch

Alarm	Attributes	Applicable major releases
Name: FibOutOfSynch (625) Type: resourceAlarm (28) Package: equipment Raised on class: equipment.DaughterCard	Severity: critical Implicitly cleared: true Default probable cause: fibUpdateFailed (464)	Unspecified
Description: The alarm is raised when the FIB on an MDA is out of synchronization.		
Remedial action: Informational - no corrective action required.		

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Table 41-195 FileTransferFailure

Alarm	Attributes	Applicable major releases
Name: FileTransferFailure (8152) Type: communicationsAlarm (4) Package: netw Raised on class: netw.NetworkElement	Severity: major Implicitly cleared: false Default probable cause: fileTransferFailure (89)	Unspecified
Description: The alarm is raised when SAM cannot transfer a file from a Network Element due to one or more of the following causes: unreachable NE, remote file not found, authentication failure, file transfer interrupted, or lack of available local storage space.		
Remedial action: Investigation is required to resolve the following possible scenarios: SAM server has connectivity issue with NE; insufficient disk space on the SAM server to accommodate the file transfer being attempted; loss of connectivity to the NE during transfer; the FTP daemon on the NE may have stopped; FTP security credential issues. If SAM implements recovery mechanism for the target node, check the file's target directory to confirm whether the file has already been recovered.		

Table 41-196 FilterApplyPathProblem

Alarm	Attributes	Applicable major releases
Name: FilterApplyPathProblem (4904) Type: configurationAlarm (11) Package: filterprefixlist Raised on class: filterprefixlist.PrefixListApplyPathMember	Severity: minor Implicitly cleared: false Default probable cause: tFilterApplyPathProblem (1960)	Unspecified
Description: The alarm is raised when a problem is encountered for a configured IP PrefixList apply-path rule.		
Remedial action: Clear the alarm and verify the prefix-list configurations which might have reached the maximum limit. Try reducing the prefix-list/ apply-path members.		

Table 41-197 FilterEmbeddingOperStateChange

Alarm	Attributes	Applicable major releases
Name: FilterEmbeddingOperStateChange (4973) Type: configurationAlarm (11) Package: acfilter Raised on class: acfilter.FilterEmbeddedRefTable	Severity: minor Implicitly cleared: false Default probable cause: tFilterEmbeddingOperStateChange (2030)	Unspecified
Description: The alarm is raised when the embedding oper state change is other than in-service.		
Remedial action: The alarm is raised when the embedded filter operstate is other than inService. Remove and reapply the embedding to make operstate as inService.		

Table 41-198 FirmwareDownloadOnGoing (equipment)

Alarm	Attributes	Applicable major releases
Name: FirmwareDownloadOnGoing (626) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.Equipment	Severity: variable Implicitly cleared: true Default probable cause: firmwareDownloadOnGoing (465)	Unspecified
Description: The alarm is raised when a firmware download is in progress.		
Remedial action: Informational - Firmware for the equipment is downloading.		

Table 41-199 FirmwareDownloadOnGoing (mpr)

Alarm	Attributes	Applicable major releases
Name: FirmwareDownloadOnGoing (626) Type: equipmentAlarm (3) Package: mpr Raised on class: mpr.SubRackElements	Severity: variable Implicitly cleared: true Default probable cause: firmwareDownloadOnGoing (465)	Unspecified
Description: The alarm is raised when a firmware download is in progress.		
Remedial action: Informational - Firmware for the equipment is downloading.		

Table 41-200 FirmwareMismatchAlarm

Alarm	Attributes	Applicable major releases
Name: FirmwareMismatchAlarm (146) Type: firmwareAlarm (26) Package: equipment Raised on class: equipment.Card	Severity: critical Implicitly cleared: true Default probable cause: bootRomVersionMismatch (119) Applicable probable causes: <ul style="list-style-type: none"> • bootRomVersionMismatch • fpgaVersionMismatch 	Unspecified
Description: The alarm is raised when a device detects a mismatch between the firmware version and the device software image. The alarm information includes the expected firmware version.		
Remedial action: Either the firmware or the device SW must be upgraded to compatible versions. The image (firmware or device SW) which is the oldest should be upgraded. Firmware must be upgraded using the NE's CLI. 5620 SAM can be used to upgrade the SW image on the device.		

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Table 41-201 FirmwareUpgradeAlarm

Alarm	Attributes	Applicable major releases
Name: FirmwareUpgradeAlarm (212) Type: firmwareAlarm (26) Package: equipment Raised on class: equipment.Card	Severity: info Implicitly cleared: false Default probable cause: firmwareUpgraded (169)	Unspecified
Description: The alarm is raised when a device automatically upgrades the firmware of a hot-inserted IOM or CPM.		
Remedial action: Informational - no corrective action required.		

Table 41-202 FlowRouteInvalid

Alarm	Attributes	Applicable major releases
Name: FlowRouteInvalid (2932) Type: ProtocolAlarm (1) Package: bgp Raised on class: bgp.Peer	Severity: minor Implicitly cleared: false Default probable cause: flowRouteInvalid (1126)	Unspecified
Description: The alarm is raised when the received BGP flow route is invalid. The BGP peer does not create ip filter entry for the received flow route.		
Remedial action: The NE has received an invalid flow route from a 3rd party appliance which is monitoring the network for suspect traffic. This could be the result of corruption or a SW error on the 3rd party appliance. Please refer to the documentation supplied with appliance for assistance.		

Table 41-203 FlowspecUnsupportdComAction

Alarm	Attributes	Applicable major releases
Name: FlowspecUnsupportdComAction (2933) Type: ProtocolAlarm (1) Package: bgp Raised on class: bgp.Site	Severity: minor Implicitly cleared: false Default probable cause: unsupportdComAction (1127)	Unspecified
Description: The alarm is raised when the best route for a FlowSpec NLRI is received from a remote BGP peer with an extended community action that is unsupported.		
Remedial action: Informational - no corrective action required.		

Table 41-204 ForceQTagForwardingMisconfiguration (epipe)

Alarm	Attributes	Applicable major releases
Name: ForceQTagForwardingMisconfiguration (813) Type: configurationAlarm (11) Package: epipe Raised on class: epipe.Epipe	Severity: warning Implicitly cleared: true Default probable cause: forceQTagForwardingInconsistent (576)	Unspecified
Description: The alarm is raised when two I-sites in a service use different Force Q Tag Forwarding values.		
Raising condition: ('operationalFlags'anyBit'Force Q Tag Forwarding Inconsistent')		
Clearing condition: NOT (('operationalFlags'anyBit'Force Q Tag Forwarding Inconsistent'))		
Remedial action: Check configuration so that I-sites in the service use same Force Q-Tag Forwarding values.		

Table 41-205 ForceQTagForwardingMisconfiguration (vpls)

Alarm	Attributes	Applicable major releases
Name: ForceQTagForwardingMisconfiguration (813) Type: configurationAlarm (11) Package: vpls Raised on class: vpls.AbstractVpls	Severity: warning Implicitly cleared: true Default probable cause: forceQTagForwardingInconsistent (576)	Unspecified
Description: The alarm is raised when two I-sites in a service use different Force Q Tag Forwarding values.		
Raising condition: ('operationalFlags'anyBit'Force Q Tag Forwarding Inconsistent')		
Clearing condition: NOT (('operationalFlags'anyBit'Force Q Tag Forwarding Inconsistent'))		
Remedial action: Check configuration so that I-sites in the service use same Force Q-Tag Forwarding values.		

Table 41-206 GlobalAppProfileCreated

Alarm	Attributes	Applicable major releases
Name: GlobalAppProfileCreated (2931) Type: ConfigurationAlarm (15) Package: aapolicy Raised on class: aapolicy.ApplicationProfile	Severity: warning Implicitly cleared: true Default probable cause: globalAppProfileMissing (1125)	Unspecified
Description: The alarm is raised when a global application profile to which a global transit IP policy is referenced does not exist. The alarm notifies the user that a global application profile has been created.		
Remedial action: Informational. A global Application Profile has been created; this object is referenced by a Transit IP Policy or Transit Prefix Policy.		

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Table 41-207 globalLicenseViolation

Alarm	Attributes	Applicable major releases
Name: globalLicenseViolation (2909) Type: configurationAlarm (11) Package: ranlicense Raised on class: ranlicense.RANLicenseManager	Severity: critical Implicitly cleared: true Default probable cause: atLeastOneLicenseInViolation (1115)	Unspecified
Description: The alarm is raised when at least one RAN license is in violation.		
Remedial action: Provide a new LKDI license file with a further expiration date and/or more tokens.		

Table 41-208 GneCommunicationAlarm

Alarm	Attributes	Applicable major releases
Name: GneCommunicationAlarm (783) Type: CommunicationAlarm (64) Package: netw Raised on class: netw.NetworkElement	Severity: variable Implicitly cleared: false Default probable cause: User_Defined (558)	Unspecified
Description: This user-definable alarm is raised against a generic NE when the 5620 SAM receives a trap from the generic NE that is mapped to the alarm in a generic NE alarm catalogue. The alarm mapping defines the Probable cause, Severity, and Implicitly cleared values, and optionally contains an extension that is appended to the Name value.		
Remedial action: This alarm is mapped from a GNE trap. Remedial action depends on the specific equipment and trap definition.		

Table 41-209 GneEnvironmentalAlarm

Alarm	Attributes	Applicable major releases
Name: GneEnvironmentalAlarm (784) Type: EnvironmentalAlarm (65) Package: netw Raised on class: netw.NetworkElement	Severity: variable Implicitly cleared: false Default probable cause: User_Defined (558)	Unspecified
Description: This user-definable alarm is raised against a generic NE when the 5620 SAM receives a trap from the generic NE that is mapped to the alarm in a generic NE alarm catalogue. The alarm mapping defines the Probable cause, Severity, and Implicitly cleared values, and optionally contains an extension that is appended to the Name value.		
Remedial action: This alarm is mapped from a GNE trap. Remedial action depends on the specific equipment and trap definition.		

Table 41-210 GneEquipmentAlarm

Alarm	Attributes	Applicable major releases
Name: GneEquipmentAlarm (785) Type: EquipmentAlarm (66) Package: netw Raised on class: netw.NetworkElement	Severity: variable Implicitly cleared: false Default probable cause: User_Defined (558)	Unspecified
Description: This user-definable alarm is raised against a generic NE when the 5620 SAM receives a trap from the generic NE that is mapped to the alarm in a generic NE alarm catalogue. The alarm mapping defines the Probable cause, Severity, and Implicitly cleared values, and optionally contains an extension that is appended to the Name value.		
Remedial action: This alarm is mapped from a GNE trap. Remedial action depends on the specific equipment and trap definition.		

Table 41-211 GneMTIEAlarm (genericne)

Alarm	Attributes	Applicable major releases
Name: GneMTIEAlarm (3633) Type: EquipmentAlarm (66) Package: genericne Raised on class: genericne.GenericNeInterface	Severity: variable Implicitly cleared: false Default probable cause: User_Defined (558)	Unspecified
Description: This user-definable alarm is raised against a generic NE when the 5620 SAM receives a trap from the generic NE that is mapped to the alarm in a generic NE alarm catalogue. The alarm mapping defines the Probable cause, Severity, and Implicitly cleared values, and optionally contains an extension that is appended to the Name value.		
Remedial action: This alarm is mapped from a GNE trap. Remedial action depends on the specific equipment and trap definition.		

Table 41-212 GneMTIEAlarm (netw)

Alarm	Attributes	Applicable major releases
Name: GneMTIEAlarm (3633) Type: EquipmentAlarm (66) Package: netw Raised on class: netw.NetworkElement	Severity: variable Implicitly cleared: false Default probable cause: User_Defined (558)	Unspecified
Description: This user-definable alarm is raised against a generic NE when the 5620 SAM receives a trap from the generic NE that is mapped to the alarm in a generic NE alarm catalogue. The alarm mapping defines the Probable cause, Severity, and Implicitly cleared values, and optionally contains an extension that is appended to the Name value.		
Remedial action: This alarm is mapped from a GNE trap. Remedial action depends on the specific equipment and trap definition.		

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Table 41-213 GneProcessingErrorAlarm

Alarm	Attributes	Applicable major releases
Name: GneProcessingErrorAlarm (786) Type: ProcessingErrorAlarm (67) Package: netw Raised on class: netw.NetworkElement	Severity: variable Implicitly cleared: false Default probable cause: User_Defined (558)	Unspecified
Description: This user-definable alarm is raised against a generic NE when the 5620 SAM receives a trap from the generic NE that is mapped to the alarm in a generic NE alarm catalogue. The alarm mapping defines the Probable cause, Severity, and Implicitly cleared values, and optionally contains an extension that is appended to the Name value.		
Remedial action: This alarm is mapped from a GNE trap. Remedial action depends on the specific equipment and trap definition.		

Table 41-214 GneQualityOfServiceAlarm

Alarm	Attributes	Applicable major releases
Name: GneQualityOfServiceAlarm (787) Type: QualityOfServiceAlarm (68) Package: netw Raised on class: netw.NetworkElement	Severity: variable Implicitly cleared: false Default probable cause: User_Defined (558)	Unspecified
Description: This user-definable alarm is raised against a generic NE when the 5620 SAM receives a trap from the generic NE that is mapped to the alarm in a generic NE alarm catalogue. The alarm mapping defines the Probable cause, Severity, and Implicitly cleared values, and optionally contains an extension that is appended to the Name value.		
Remedial action: This alarm is mapped from a GNE trap. Remedial action depends on the specific equipment and trap definition.		

Table 41-215 GneServiceAlarm

Alarm	Attributes	Applicable major releases
Name: GneServiceAlarm (788) Type: ServiceAlarm (69) Package: netw Raised on class: netw.NetworkElement	Severity: variable Implicitly cleared: false Default probable cause: User_Defined (558)	Unspecified
Description: This user-definable alarm is raised against a generic NE when the 5620 SAM receives a trap from the generic NE that is mapped to the alarm in a generic NE alarm catalogue. The alarm mapping defines the Probable cause, Severity, and Implicitly cleared values, and optionally contains an extension that is appended to the Name value.		
Remedial action: This alarm is mapped from a GNE trap. Remedial action depends on the specific equipment and trap definition.		

Table 41-216 GneSystemAlarm

Alarm	Attributes	Applicable major releases
Name: GneSystemAlarm (789) Type: SystemAlarm (70) Package: netw Raised on class: netw.NetworkElement	Severity: variable Implicitly cleared: false Default probable cause: User_Defined (558)	Unspecified
Description: This user-definable alarm is raised against a generic NE when the 5620 SAM receives a trap from the generic NE that is mapped to the alarm in a generic NE alarm catalogue. The alarm mapping defines the Probable cause, Severity, and Implicitly cleared values, and optionally contains an extension that is appended to the Name value.		
Remedial action: This alarm is mapped from a GNE trap. Remedial action depends on the specific equipment and trap definition.		

Table 41-217 GneTransportAlarm

Alarm	Attributes	Applicable major releases
Name: GneTransportAlarm (790) Type: TransportAlarm (71) Package: netw Raised on class: netw.NetworkElement	Severity: variable Implicitly cleared: false Default probable cause: User_Defined (558)	Unspecified
Description: This user-definable alarm is raised against a generic NE when the 5620 SAM receives a trap from the generic NE that is mapped to the alarm in a generic NE alarm catalogue. The alarm mapping defines the Probable cause, Severity, and Implicitly cleared values, and optionally contains an extension that is appended to the Name value.		
Remedial action: This alarm is mapped from a GNE trap. Remedial action depends on the specific equipment and trap definition.		

Table 41-218 GponPortInBandAlarm

Alarm	Attributes	Applicable major releases
Name: GponPortInBandAlarm (3697) Type: gponInBandSignallingAlarm (106) Package: equipment Raised on class: equipment.GponPortSpecifics	Severity: major Implicitly cleared: true Default probable cause: InBandSignallingNotEstablishedBetweenSARandONT (1435)	Unspecified
Description: The alarm is raised when in-band signaling between the ONT and SAR for GPON statistics collection is not established after 30 seconds of GPON port uptime.		
Remedial action: Informational - Reachability between SAR and ONT devices has to be checked.		

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Table 41-219 GponPortInBandAlarmClear

Alarm	Attributes	Applicable major releases
Name: GponPortInBandAlarmClear (3698) Type: gponInBandSignallingAlarm (106) Package: equipment Raised on class: equipment.GponPortSpecifics	Severity: cleared Implicitly cleared: true Default probable cause: InBandSignallingEstablishedBetweenSARAndONT (1436)	Unspecified
Description: The alarm is raised when in-band signaling between the ONT and SAR for GPON statistics collection is established.		
Remedial action: Informational - no corrective action required.		

Table 41-220 GroupInSSMRange

Alarm	Attributes	Applicable major releases
Name: GroupInSSMRange (187) Type: configurationAlarm (11) Package: pim Raised on class: pim.Site	Severity: warning Implicitly cleared: false Default probable cause: STARGGroupInSSMRange (147)	Unspecified
Description: The alarm is raised when an NE receives a PIM register, PIM (*,G) assert, PIM (*,G) join/prune, or an IGMP local membership message for a group defined in the SSM address range.		
Remedial action: Informational - no corrective action required		

Table 41-221 GwAcrFailuresAlarmMajor

Alarm	Attributes	Applicable major releases
Name: GwAcrFailuresAlarmMajor (2955) Type: communicationsAlarm (4) Package: lte Raised on class: lte.AgwRfPeer	Severity: major Implicitly cleared: false Default probable cause: connectionDown (2)	Unspecified
Description: A tmnxMobGwAcrFailuresAlarmMajor is generated when 2 ACR transmission failures occur in a 10 second interval or 5 ACR transmission failures occur in a 60 second interval to the peer.		
Remedial action: Informational - a threshold for Anonymous Communication Rejection transmission failures has been exceeded. If the condition persists please contact Alcatel-Lucent support for assistance.		

Table 41-222 GwCdfDownAlarm

Alarm	Attributes	Applicable major releases
Name: GwCdfDownAlarm (2956) Type: communicationsAlarm (4) Package: Ite Raised on class: Ite.RfReferencePoint	Severity: minor Implicitly cleared: false Default probable cause: connectionDown (2)	Unspecified
Description: A tmnxMobGwCdfDownAlarm notification is generated when both the primary and the secondary Charging Data Functions (CDFs) are down for active Rf diameter sessions		
Remedial action: The Charging Data Functions (primary and secondary) are down for a Rf reference point. The CDF function appears down for one of the following reasons: the underlying IP or physical interface is down, the far end diameter peer is down or the underlying transport between this NE and the peer NE is down. To resolve the issue ensure that the IP/physical interface is up, check that the far end diameter peer is operational and check that the underlying transport network is up.		

Table 41-223 GwCfCapacityAlarmMajor

Alarm	Attributes	Applicable major releases
Name: GwCfCapacityAlarmMajor (2957) Type: equipmentAlarm (3) Package: Ite Raised on class: Ite.AGWReferencePoint	Severity: major Implicitly cleared: false Default probable cause: resourceFull (53)	Unspecified
Description: A tmnxMobGwCfCapacityAlarmMajor notification is generated when compact flash capacity reaches 95% limit.		
Remedial action: The compact flash device of the MGW is approaching capacity. The contents of the device must be analysed to identify redundant content which can be deleted.		

Table 41-224 GwCfCapacityAlarmMinor

Alarm	Attributes	Applicable major releases
Name: GwCfCapacityAlarmMinor (2958) Type: equipmentAlarm (3) Package: Ite Raised on class: Ite.AGWReferencePoint	Severity: minor Implicitly cleared: false Default probable cause: resourceFull (53)	Unspecified
Description: A tmnxMobGwCfCapacityAlarmMinor notification is generated when compact flash capacity reaches 85% limit		
Remedial action: The compact flash device of the MGW is approaching capacity. The contents of the device must be analysed to identify redundant content which can be deleted.		

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Table 41-225 GwDdnThrottlingStart

Alarm	Attributes	Applicable major releases
Name: GwDdnThrottlingStart (4630) Type: communicationsAlarm (4) Package: Ite Raised on class: Ite.SigAGWGTPPMIPPeer	Severity: warning Implicitly cleared: false Default probable cause: downLinkThrottling (1897)	Unspecified
Description: A GwDdnThrottlingStart notification is generated when the serving gateway (SGW) starts throttling the Downlink Data Notification (DDN) for the low priority traffic towards a peer node (SGSN/MME).		
Remedial action: The serving gateway (SGW) starts throttling the Downlink Data Notification (DDN) for the low priority traffic towards a peer node (SGSN/MME). When the throttling duration is passed, the SGW will stop throttling the DDN.		

Table 41-226 GwDdnThrottlingStop

Alarm	Attributes	Applicable major releases
Name: GwDdnThrottlingStop (4631) Type: communicationsAlarm (4) Package: Ite Raised on class: Ite.SigAGWGTPPMIPPeer	Severity: warning Implicitly cleared: false Default probable cause: downLinkThrottling (1897)	Unspecified
Description: A GwDdnThrottlingStop notification is generated when the serving gateway (SGW) stops throttling the Downlink Data Notification (DDN) for the low priority traffic towards a peer node (SGSN/MME).		
Remedial action: The serving gateway (SGW) stops throttling the Downlink Data Notification (DDN) for the low priority traffic towards a peer node (SGSN/MME). When another throttling instruction is received from a peer node, the SGW will start throttling the DDN.		

Table 41-227 GwGtpPriSrvGrpStateChange

Alarm	Attributes	Applicable major releases
Name: GwGtpPriSrvGrpStateChange (3635) Type: EpcAlarm (59) Package: Ite Raised on class: Ite.EPCGateway	Severity: major Implicitly cleared: true Default probable cause: GwGtpPriSrvGrpDown (1419)	Unspecified
Description: An alarm is raised when there has been a change in GPRS Tunneling Protocol (GTP) Prime Server state for all mobile system groups.		
Remedial action: If a GTP Prime server group state is down, CDR packets will be written to CDR files until at least one server becomes available.		

Table 41-228 GwPoolCapacityAlarmMajor

Alarm	Attributes	Applicable major releases
Name: GwPoolCapacityAlarmMajor (5190) Type: EpcAlarm (59) Package: Ite Raised on class: Ite.IpPool	Severity: major Implicitly cleared: true Default probable cause: Threshold (2104)	Unspecified
Description: A tmnxMobGwPoolCapacityAlarmMajor notification is generated when either the IPv4 or IPv6 address pool usage reaches 95% of the pool size.		
Remedial action: The IPv4 or IPv6 address pool usage reached 95% of the pool size. Need to look at increasing the address pool size.		

Table 41-229 GwPoolCapacityAlarmMinor

Alarm	Attributes	Applicable major releases
Name: GwPoolCapacityAlarmMinor (5191) Type: EpcAlarm (59) Package: Ite Raised on class: Ite.IpPool	Severity: minor Implicitly cleared: true Default probable cause: Threshold (2104)	Unspecified
Description: A tmnxMobGwPoolCapacityAlarmMinor notification is generated when either the IPv4 or IPv6 address pool usage reaches 85% of the pool size.		
Remedial action: Informational: The IPv4 or IPv6 address pool usage reached 85% of the pool size. Need to closely monitor the usage.		

Table 41-230 GwRadGroupFail

Alarm	Attributes	Applicable major releases
Name: GwRadGroupFail (3636) Type: EpcAlarm (59) Package: Ite Raised on class: Ite.EPCGateway	Severity: major Implicitly cleared: false Default probable cause: EPSGroupDown (1420)	Unspecified
Description: A tmnxMobGwRadGrpFailAlarm notification is generated when all the radius servers have failed in the radius server group.		
Remedial action: The Radius server(s) which are configured in the Radius Server are unreachable. This problem may occur in a number of different scenarios. The server(s) may have become unresponsive - please refer to the Radius server documentation for assistance. The network connectivity to the server(s) may have been lost - please investigate why the underlying transport network is unreliable.		

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Table 41-231 GwRadPeerFail

Alarm	Attributes	Applicable major releases
Name: GwRadPeerFail (3682) Type: EpcAlarm (59) Package: Iteradius Raised on class: Iteradius.PdnRadiusPeer	Severity: major Implicitly cleared: false Default probable cause: EPSPeerDown (602)	Unspecified
Description: The alarm is raised when the 5620 SAM receives a tmnxMobGwRadPeerFailAlarm notification in response to a RADIUS server failure.		
Remedial action: A Radius peer is operationally down for one of the following reasons: the underlying IP or physical interface is down, the far end peer is down or the underlying transport between this NE and the peer NE is down. To resolve the issue ensure that the IP/physical interface is up, check that the far end peer is operational and check that the underlying transport network is up.		

Table 41-232 HardwareBootFailure

Alarm	Attributes	Applicable major releases
Name: HardwareBootFailure (108) Type: softwareAlarm (19) Package: sw Raised on class: sw.CardSoftware	Severity: critical Implicitly cleared: true Default probable cause: softwareBootProblemDueToHardwareIssues (92)	Unspecified
Description: The alarm is raised when an NE fails to boot because of a hardware problem.		
Remedial action: Please contact Alcatel-Lucent support for assistance.		

Table 41-233 HardwareRedundancyAlarm

Alarm	Attributes	Applicable major releases
Name: HardwareRedundancyAlarm (147) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.ControlProcessor	Severity: major Implicitly cleared: true Default probable cause: primaryCpmFailure (121)	Unspecified
Description: The alarm is raised when the primary CPM fails.		
Remedial action: The CPM card in the chassis may have suffered a failure. Remove and reset the card in question. If this does not resolve the problem replace the card.		

Table 41-234 HashLabelMismatch (svt)

Alarm	Attributes	Applicable major releases
Name: HashLabelMismatch (1113) Type: configurationAlarm (11) Package: svt Raised on class: svt.SdpBinding	Severity: warning Implicitly cleared: true Default probable cause: hashLabelMismatch (826)	Unspecified
Description: The alarm is raised when an SDP binding hash label is enabled and the return SDP binding hash label is disabled. If this misconfiguration causes the mismatch of the operational hash label on both sides, the receiving site will drop the data packets as a result. This alarm is cleared when the hash label is either enabled or disabled on both sides.		
Remedial action: The hash label must be enabled or disabled on both ends of the SDP		

Table 41-235 HashLabelMismatch (vprn)

Alarm	Attributes	Applicable major releases
Name: HashLabelMismatch (1113) Type: configurationAlarm (11) Package: vprn Raised on class: vprn.Vprn	Severity: warning Implicitly cleared: true Default probable cause: hashLabelMismatch (826)	Unspecified
Description: The alarm is raised when the hash label is enabled on a VPRN site and disabled on another site in the service.		
Remedial action: A configuration error has occurred which must be corrected. The hash label must be enabled or disabled on both ends of the SDP		

Table 41-236 HashLabelSignalCapabilityMismatch

Alarm	Attributes	Applicable major releases
Name: HashLabelSignalCapabilityMismatch (3327) Type: configurationAlarm (11) Package: svt Raised on class: svt.SdpBinding	Severity: warning Implicitly cleared: true Default probable cause: hashLabelSignalCapabilityMismatch (1163)	Unspecified
Description: The alarm is raised when an SDP binding hash label signal capability is enabled and the return SDP binding hash label signal capability is disabled or not supported. If this misconfiguration causes the mismatch of the operational hash label on both sides, the receiving site will drop the data packets as a result. This alarm is cleared when the hash label signal capability is either enabled or disabled on both sides.		
Remedial action: The hash label signal capability must be enabled or disabled on both ends of the SDP		

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Table 41-237 HighBER (mwa)

Alarm	Attributes	Applicable major releases
Name: HighBER (682) Type: communicationsAlarm (4) Package: mwa Raised on class: mwa.PortTermination	Severity: variable Implicitly cleared: true Default probable cause: HighBER (1909)	Unspecified
Description: The alarm is raised when a MPT detects a high BER.		
Remedial action: Please refer to either 9500 or 7705 Node Maintenance manual for remedial action information.		

Table 41-238 HighBER (radioequipment)

Alarm	Attributes	Applicable major releases
Name: HighBER (682) Type: communicationsAlarm (4) Package: radioequipment Raised on class: radioequipment.RadioPortSpecifics	Severity: variable Implicitly cleared: true Default probable cause: highBER (497)	Unspecified
Description: The alarm is raised when an MSS detects a high BER.		
Remedial action: Please refer to the 9500 Node Maintenance manual for remedial action information.		

Table 41-239 HighLevelRoutesReached

Alarm	Attributes	Applicable major releases
Name: HighLevelRoutesReached (1197) Type: ProtocolAlarm (1) Package: I3fwd Raised on class: I3fwd.ServiceSite	Severity: minor Implicitly cleared: true Default probable cause: HighLevelRoutesReached (897)	Unspecified
Description: The alarm is raised when the number of routes in a VPRN exceeds the high threshold value. The high threshold value is a percentage of the maximum number of routes specified in the VPRN configuration. The percentage is derived by adding 100 to the threshold value in the VPRN configuration and dividing the result by 2. The alarm information includes the number of routes and this calculated high threshold value.		
Remedial action: Informational. The threshold configured should be revisited to ensure that it is not set to low given the number of routes that are being received. If the threshold is set close to the maximum number of routes supported by the NE then it is probable that there is an issue with another NE or VRF instance in the network. If the problem persists please contact Alcatel-Lucent support for assistance.		

Table 41-240 HistCorrDbSizeThresholdExceeded

Alarm	Attributes	Applicable major releases
Name: HistCorrDbSizeThresholdExceeded (5169) Type: configurationAlarm (11) Package: histcorr Raised on class: histcorr.HistCorrPartitionManager	Severity: variable Implicitly cleared: true Default probable cause: HistCorrEventDBSizelsNotSufficient (2089)	Unspecified
Description: The alarm is raised when the actual DB size consumed by Correlation Events exceeds the threshold.		
Remedial action: Correlation Events DB storage reached threshold or exceeded, increase "Max DB Size" in Correlation Partition Manager GUI.		

Table 41-241 HoldTimeInconsistent

Alarm	Attributes	Applicable major releases
Name: HoldTimeInconsistent (810) Type: ProtocolAlarm (1) Package: bgp Raised on class: bgp.Peer	Severity: major Implicitly cleared: false Default probable cause: holdTimeInconsistent (575)	Unspecified
Description: The alarm is raised when a BGP site tries to establish a peering using a hold time that is less than the configured strict hold time. The peering is rejected as a result.		
Remedial action: A configuration error has occurred which must be corrected. The hold time must be set to a value greater than the strict hold time.		

Table 41-242 HostConnectivityLostRateExceeded

Alarm	Attributes	Applicable major releases
Name: HostConnectivityLostRateExceeded (276) Type: communicationsAlarm (4) Package: ressubscr Raised on class: ressubscr.ShcvSite	Severity: major Implicitly cleared: false Default probable cause: hostDown (208) Applicable probable causes: <ul style="list-style-type: none"> • hostDown • trapDropped 	Unspecified
Description: The alarm is raised when the trapDroppedRaisesAlarm parameter is enabled and the maximum allowed number of SHCV host connectivity loss events on a SAP is exceeded. The SHCV action in response to the alarm is specified by the maxHostLostConnectivityRate parameter. If the specified action is to remove the host information, the host information is removed and the connectivity of the host is not subsequently verified.		
Remedial action: This may be a transient error condition in the network or possible congestion or could be a sign that the SHCV ping interval is too short. Verify the status of the network for those subscribers and the service SHCV configuration.		

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Table 41-243 HostSharedFilterHighWatermarkAlarm

Alarm	Attributes	Applicable major releases
Name: HostSharedFilterHighWatermarkAlarm (4974) Type: configurationAlarm (11) Package: acfilter Raised on class: acfilter.FilterDefinition	Severity: warning Implicitly cleared: true Default probable cause: HostSharedFilterHighWatermarkAlarm (2031)	Unspecified
Description: The alarm is raised when the number of dynamically allocated Host Shared Filters based on the indicated filter reaches or exceeds the configured high watermark. This alarm is cleared when the number of dynamically allocated Host Shared Filters drops to or below the configured low watermark of the indicated filter.		
Remedial action: Please check the watermark configurations on the indicated filter and make an adjustment accordingly.		

Table 41-244 HouseKeeping (equipment)

Alarm	Attributes	Applicable major releases
Name: HouseKeeping (1165) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.Equipment	Severity: variable Implicitly cleared: true Default probable cause: houseKeeping (867)	Unspecified
Description: The alarm is raised when a HouseKeeping trap is received.		
Remedial action: Please refer to the 9500 Node Maintenance manual for remedial action information.		

Table 41-245 HouseKeeping (mpr)

Alarm	Attributes	Applicable major releases
Name: HouseKeeping (1165) Type: equipmentAlarm (3) Package: mpr Raised on class: mpr.AbstractMprAux	Severity: minor Implicitly cleared: true Default probable cause: HouseKeeping (1564)	Unspecified
Description: Defect detected by an house-keeping interface on AUX card.		
Remedial action: Please refer to the 9500 Node Maintenance manual for remedial action information.		

Table 41-246 Idle2GUEsExceeded

Alarm	Attributes	Applicable major releases
Name: Idle2GUEsExceeded (5045) Type: communicationsAlarm (4) Package: Itemme Raised on class: Itemme.MmeInstance	Severity: info Implicitly cleared: false Default probable cause: ThresholdExceeded (2052)	Unspecified
Description: The alarm is raised when the number of Idle 2G UEs exceeds the threshold that has been set by the operator.		
Raising condition: (('2G Idle UEs Threshold' NOT EQUAL '0L') AND ('2G Idle UEs' > '2G Idle UEs Threshold'))		
Remedial action: Informational - no corrective action required.		

Table 41-247 Idle3GUEsExceeded

Alarm	Attributes	Applicable major releases
Name: Idle3GUEsExceeded (5046) Type: communicationsAlarm (4) Package: Itemme Raised on class: Itemme.MmeInstance	Severity: info Implicitly cleared: false Default probable cause: ThresholdExceeded (2052)	Unspecified
Description: The alarm is raised when the number of Idle 3G UEs exceeds the threshold that has been set by the operator.		
Raising condition: (('3G Idle UEs Threshold' NOT EQUAL '0L') AND ('3G Idle UEs' > '3G Idle UEs Threshold'))		
Remedial action: Informational - no corrective action required.		

Table 41-248 Idle4GUEsExceeded

Alarm	Attributes	Applicable major releases
Name: Idle4GUEsExceeded (5047) Type: communicationsAlarm (4) Package: Itemme Raised on class: Itemme.MmeInstance	Severity: info Implicitly cleared: false Default probable cause: ThresholdExceeded (2052)	Unspecified
Description: The alarm is raised when the number of 4G Idle UEs exceeds the threshold that has been set by the operator.		
Raising condition: (('4G Idle UEs Threshold' NOT EQUAL '0L') AND ('4G Idle UEs' > '4G Idle UEs Threshold'))		
Remedial action: Informational - no corrective action required.		

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Table 41-249 IgmpGrplfSapMaxGroupsLimitExceeded

Alarm	Attributes	Applicable major releases
Name: IgmpGrplfSapMaxGroupsLimitExceeded (3979) Type: configurationAlarm (11) Package: igmp Raised on class: igmp.GroupInterfaceSap	Severity: warning Implicitly cleared: false Default probable cause: IgmpGrplfSapMaxGroupsLimitExceeded (1556)	Unspecified
Description: This alarm is raised when an IGMP host subscribes to a new multicast group that cannot be installed because the maximum number of active groups on the IGMP group interface SAP has already been reached.		
Remedial action: Increase the value of the 'maxGroups' attribute in the parent IGMP group interface so that the number of active IGMP groups stays under the configured threshold.		

Table 41-250 IgmpGrplfSapMaxGrpSrcLimExcd

Alarm	Attributes	Applicable major releases
Name: IgmpGrplfSapMaxGrpSrcLimExcd (4622) Type: configurationAlarm (11) Package: igmp Raised on class: igmp.GroupInterfaceSap	Severity: warning Implicitly cleared: false Default probable cause: IgmpGrplfSapMaxGrpSrcLimExcd (1890)	Unspecified
Description: This alarm is raised when an attempt is made to configure a group source for a group when the number of group sources is equal to vRtrIgmpGrplfSapMaxGrpSources, the maximum number of group sources per group supported on the SAP.		
Remedial action: Increase the value of the 'maxGrpSources' attribute in the parent IGMP group interface so that the number of active IGMP Group sources stays under the configured threshold.		

Table 41-251 IgmpGrplfSapMaxSourcesLimitExceeded

Alarm	Attributes	Applicable major releases
Name: IgmpGrplfSapMaxSourcesLimitExceeded (3980) Type: configurationAlarm (11) Package: igmp Raised on class: igmp.GroupInterfaceSap	Severity: warning Implicitly cleared: false Default probable cause: IgmpGrplfSapMaxSourcesLimitExceeded (1557)	Unspecified
Description: This alarm is raised when an IGMP host subscribes to a multicast group with a source that cannot be installed because the maximum number of active sources on the IGMP group interface SAP has already been reached.		
Remedial action: Increase the value of the 'maxSources' attribute in the parent IGMP group interface so that the number of active IGMP sources stays under the configured threshold.		

Table 41-252 Igmphostmaxgrpsrcslimitexcd

Alarm	Attributes	Applicable major releases
Name: Igmphostmaxgrpsrcslimitexcd (4623) Type: configurationAlarm (11) Package: igmp Raised on class: igmp.GrpInterface	Severity: warning Implicitly cleared: false Default probable cause: Igmphostmaxgrpsrcslimitexcd (1891)	Unspecified
Description: This alarm is raised when an attempt is made to configure a source for a group when the number of group sources is equal to vRtrIgmphostmaxgrpSources, the maximum number of group sources per group supported on the host.		
Remedial action: Increase the value of the 'maxGrpSources' attribute in the parent IGMP group interface so that the number of active IGMP Group sources stays under the configured threshold.		

Table 41-253 IgmppnpggrpDroppedLimitExceeded (svt)

Alarm	Attributes	Applicable major releases
Name: IgmppnpggrpDroppedLimitExceeded (392) Type: SdpBindingAlarm (30) Package: svt Raised on class: svt.SdpBindingIgmppnpgCfg	Severity: warning Implicitly cleared: false Default probable cause: IgmppnpggrpMaxNbrGrpsReached (292)	Unspecified
Description: The alarm is raised when an IGMP group is removed from an SDP binding because the number of allowed IGMP groups specified by sdpBndIgmppnpgCfgMaxNbrGrps is reached.		
Remedial action: This can be remedied by increasing the maximum number of allowed IGMP groups on the SDP.		

Table 41-254 IgmppnpggrpDroppedLimitExceeded (vpls)

Alarm	Attributes	Applicable major releases
Name: IgmppnpggrpDroppedLimitExceeded (392) Type: AccessInterfaceAlarm (32) Package: vpls Raised on class: vpls.L2AccessInterfaceIgmppnpgCfg	Severity: warning Implicitly cleared: false Default probable cause: IgmppnpggrpMaxNbrGrpsReached (292)	Unspecified
Description: The alarm is raised when an IGMP group is removed from a SAP because the number of allowed IGMP groups specified by sapIgmppnpgCfgMaxNbrGrps is reached.		
Remedial action: This can be remedied by increasing the maximum number of allowed IGMP groups on the SAP.		

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Table 41-255 IgmpSnpgGrpSrcLimitExceed

Alarm	Attributes	Applicable major releases
Name: IgmpSnpgGrpSrcLimitExceed (4894) Type: SdpBindingAlarm (30) Package: svt Raised on class: svt.SdpBindingIgmpSnpgCfg	Severity: major Implicitly cleared: false Default probable cause: IgmpSnpgGrpSrcLimitExceed (1952)	Unspecified
Description: The alarm is raised when an IGMP group or source is dropped on a given SDP Bind because a user configurable upper limit given by sdpBndlgmpSnpgCfgMaxNbrGrpSrcs is reached		
Remedial action: This can be remedied by increasing the maximum number of allowed IGMP group sources on the SDP.		

Table 41-256 IgmpSnpgGrpSrcLimitExceeded

Alarm	Attributes	Applicable major releases
Name: IgmpSnpgGrpSrcLimitExceeded (4897) Type: AccessInterfaceAlarm (32) Package: vpls Raised on class: vpls.L2AccessInterfaceIgmpSnpgCfg	Severity: major Implicitly cleared: false Default probable cause: igmpSnpgGrpMaxNbrGrpSrcsReached (1954)	Unspecified
Description: The alarm is raised when an IGMP group or source is dropped on a given SAP because a user configurable upper limit given by saplgmpSnpgCfgMaxNbrGrpSrcs is reached		
Remedial action: This can be remedied by increasing the maximum number of allowed IGMP Group sources on the SAP.		

Table 41-257 IgmpSnpgSrcDroppedLimitExceeded (svt)

Alarm	Attributes	Applicable major releases
Name: IgmpSnpgSrcDroppedLimitExceeded (735) Type: SdpBindingAlarm (30) Package: svt Raised on class: svt.SdpBindingIgmpSnpgCfg	Severity: warning Implicitly cleared: false Default probable cause: igmpSnpgGrpMaxNbrSrcsReached (512)	Unspecified
Description: The alarm is raised when an IGMP source is removed from an SDP binding because the number of allowed IGMP sources specified by sdpBndlgmpSnpgCfgMaxNbrSrcs is reached.		
Remedial action: This can be remedied by increasing the maximum number of allowed IGMP sources on the SDP.		

Table 41-258 IcmpSnpGSrcDroppedLimitExceeded (vpls)

Alarm	Attributes	Applicable major releases
Name: IcmpSnpGSrcDroppedLimitExceeded (735) Type: AccessInterfaceAlarm (32) Package: vpls Raised on class: vpls.L2AccessInterfaceIcmpSnpGCfg	Severity: warning Implicitly cleared: false Default probable cause: icmpSnpGGrpMaxNbrSrcsReached (512)	Unspecified
Description: The alarm is raised when an IGMP source is removed from a SAP because the number of allowed IGMP sources specified by sapIcmpSnpGCfgMaxNbrGrps is reached.		
Remedial action: This can be remedied by increasing the maximum number of allowed IGMP sources on the SAP.		

Table 41-259 IgpPrefixUnreachable

Alarm	Attributes	Applicable major releases
Name: IgpPrefixUnreachable (5428) Type: virtualSwitchAlarm (136) Package: dctr Raised on class: dctr.AbstractVirtualSwitchGlobal	Severity: critical Implicitly cleared: true Default probable cause: IgpPrefixDown (2129)	Unspecified
Description: The alarm is raised when the IGP Prefix is unreachable i.e. all the advertising routers are down.		
Remedial action: This alarm can be cleared when the IGP Prefix for the Virtual Switch is reachable.		

Table 41-260 ImportPolicyNotFound

Alarm	Attributes	Applicable major releases
Name: ImportPolicyNotFound (232) Type: configurationAlarm (11) Package: I3fwd Raised on class: I3fwd.ServiceSiteImportPolicy	Severity: major Implicitly cleared: true Default probable cause: importPolicyDoesNotExist (180)	Unspecified
Description: The alarm is raised when a VRF import policy for a VPRN cannot be found. The alarm information includes the policy ID. Note: starting from SAM 12.0 R1, SAM no longer raise this alarm since it is not much useful but has performance issue.		
Remedial action: A configuration error has occurred which must be corrected. The VRF import policy must be created and distributed to the NE reporting the problem. Note: starting from SAM 12.0 R1, SAM no longer raises this alarm.		

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Table 41-261 IncompatibleCapacity

Alarm	Attributes	Applicable major releases
Name: IncompatibleCapacity (1166) Type: communicationsAlarm (4) Package: equipment Raised on class: equipment.Equipment	Severity: variable Implicitly cleared: true Default probable cause: incompatibleCapacity (868)	Unspecified
Description: The alarm is raised when there is a radio capacity incompatibility.		
Remedial action: Please refer to the 9500 Node Maintenance manual for remedial action information.		

Table 41-262 IncompatibleChannelSpacing (equipment)

Alarm	Attributes	Applicable major releases
Name: IncompatibleChannelSpacing (1167) Type: communicationsAlarm (4) Package: equipment Raised on class: equipment.Equipment	Severity: variable Implicitly cleared: true Default probable cause: incompatibleChannelSpacing (869)	Unspecified
Description: The alarm is raised when there is a channel spacing incompatibility.		
Remedial action: Please refer to the 9500 Node Maintenance manual for remedial action information.		

Table 41-263 IncompatibleChannelSpacing (radioequipment)

Alarm	Attributes	Applicable major releases
Name: IncompatibleChannelSpacing (1167) Type: communicationsAlarm (4) Package: radioequipment Raised on class: radioequipment.RadioPortSpecifics	Severity: variable Implicitly cleared: true Default probable cause: incompatibleChannelSpacing (869)	Unspecified
Description: The alarm is raised when a incompatibility of channel spacing value defect raise.		
Remedial action: The alarm is raised when a incompatibility of channel spacing value defect raise.		

Table 41-264 IncompatibleFrequency (mwa)

Alarm	Attributes	Applicable major releases
Name: IncompatibleFrequency (683) Type: communicationsAlarm (4) Package: mwa Raised on class: mwa.PortTermination	Severity: variable Implicitly cleared: true Default probable cause: IncompatibleFrequency (1910)	Unspecified

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Alarm	Attributes	Applicable major releases
Description: The alarm is raised when a provisioned MPT frequency is incompatible with the MPT hardware.		
Remedial action: Please refer to either 9500 or 7705 Node Maintenance manual for remedial action information.		

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Table 41-265 IncompatibleFrequency (radioequipment)

Alarm	Attributes	Applicable major releases
Name: IncompatibleFrequency (683) Type: communicationsAlarm (4) Package: radioequipment Raised on class: radioequipment.RadioPortSpecifics	Severity: variable Implicitly cleared: true Default probable cause: incompatibleFrequency (498)	Unspecified
Description: The alarm is raised when a provisioned MSS frequency is incompatible with the MSS hardware.		
Remedial action: Please refer to the 9500 Node Maintenance manual for remedial action information.		

Table 41-266 IncompatibleModulation

Alarm	Attributes	Applicable major releases
Name: IncompatibleModulation (4417) Type: communicationsAlarm (4) Package: radioequipment Raised on class: radioequipment.RadioPortSpecifics	Severity: variable Implicitly cleared: true Default probable cause: incompatibleModulation (850)	Unspecified
Description: The alarm is raised when an incompatibility of the modulation value defect raise.		
Remedial action: Please refer to the 9500 Node Maintenance manual for remedial action information.		

Table 41-267 IncompatibleModulationParam (mwa)

Alarm	Attributes	Applicable major releases
Name: IncompatibleModulationParam (1144) Type: communicationsAlarm (4) Package: mwa Raised on class: mwa.PortTermination	Severity: variable Implicitly cleared: true Default probable cause: IncompatibleModulationParam (1911)	Unspecified
Description: The alarm is raised when the provisioned modulation parameters are incompatible with the MPT hardware.		
Remedial action: Please refer to either 9500 or 7705 Node Maintenance manual for remedial action information.		

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Table 41-268 IncompatibleModulationParam (radioequipment)

Alarm	Attributes	Applicable major releases
Name: IncompatibleModulationParam (1144) Type: communicationsAlarm (4) Package: radioequipment Raised on class: radioequipment.RadioPortSpecifics	Severity: variable Implicitly cleared: true Default probable cause: incompatibleModulation (850)	Unspecified
Description: The alarm is raised when the configured modulation parameters are not supported by MPT (or) when XPIC is configured on an MPT that does not allow XPIC capability.		
Remedial action: Please refer to the 9500 Node Maintenance manual for remedial action information.		

Table 41-269 IncompatiblePower

Alarm	Attributes	Applicable major releases
Name: IncompatiblePower (3940) Type: communicationsAlarm (4) Package: radioequipment Raised on class: radioequipment.RadioPortSpecifics	Severity: variable Implicitly cleared: true Default probable cause: incompatiblePower (1522)	Unspecified
Description: The alarm is raised when a incompatibility of the power value defect raise.		
Remedial action: Please refer to the 9500 Node Maintenance manual for remedial action information.		

Table 41-270 IncompatibleProtection (equipment)

Alarm	Attributes	Applicable major releases
Name: IncompatibleProtection (4824) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.Port	Severity: variable Implicitly cleared: true Default probable cause: incompatibleProtection (2076)	Unspecified
Description: The alarm is raised in case of hardware incompatibility for 1+1 radio configuration i.e. MPT-HCv2 without RPS or XPIC equipped.		
Remedial action: Please refer to the 9500 Node Maintenance manual for remedial action information.		

Table 41-271 IncompatibleProtection (mwa)

Alarm	Attributes	Applicable major releases
Name: IncompatibleProtection (4824) Type: communicationsAlarm (4) Package: mwa Raised on class: mwa.PortTermination	Severity: variable Implicitly cleared: true Default probable cause: IncompatibleProtection (1912)	Unspecified
Description: The alarm is raised when a incompatible protection scheme is selected.		
Remedial action: Please refer to either 9500 or 7705 Node Maintenance manual for remedial action information.		

Table 41-272 IncompatiblePTX

Alarm	Attributes	Applicable major releases
Name: IncompatiblePTX (684) Type: communicationsAlarm (4) Package: radioequipment Raised on class: radioequipment.RadioPortSpecifics	Severity: variable Implicitly cleared: true Default probable cause: incompatiblePTX (499)	Unspecified
Description: The alarm is raised when the provisioned MSS transmit power is incompatible with the MSS hardware.		
Remedial action: Please refer to the 9500 Node Maintenance manual for remedial action information.		

Table 41-273 IncompatibleShifter (mwa)

Alarm	Attributes	Applicable major releases
Name: IncompatibleShifter (685) Type: communicationsAlarm (4) Package: mwa Raised on class: mwa.PortTermination	Severity: variable Implicitly cleared: true Default probable cause: Incompatibleshifter (1913)	Unspecified
Description: The alarm is raised when the provisioned MPT shifter parameters are incompatible with the MPT hardware.		
Remedial action: Please refer to either 9500 or 7705 Node Maintenance manual for remedial action information.		

Table 41-274 IncompatibleShifter (radioequipment)

Alarm	Attributes	Applicable major releases
Name: IncompatibleShifter (685) Type: communicationsAlarm (4) Package: radioequipment Raised on class: radioequipment.RadioPortSpecifics	Severity: variable Implicitly cleared: true Default probable cause: incompatibleShifter (500)	Unspecified

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Alarm	Attributes	Applicable major releases
Description: The alarm is raised when the provisioned MSS shifter parameters are incompatible with the MSS hardware.		
Remedial action: Please refer to the 9500 Node Maintenance manual for remedial action information.		

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Table 41-275 IncompatibleTxPower

Alarm	Attributes	Applicable major releases
Name: IncompatibleTxPower (4825) Type: communicationsAlarm (4) Package: mwa Raised on class: mwa.PortTermination	Severity: variable Implicitly cleared: true Default probable cause: IncompatibleTxPower (1914)	Unspecified
Description: The alarm is raised when the provisioned MPT transmit power is incompatible with the MPT hardware.		
Remedial action: Please refer to either 9500 or 7705 Node Maintenance manual for remedial action information.		

Table 41-276 IncompleteConfig (bundle)

Alarm	Attributes	Applicable major releases
Name: IncompleteConfig (294) Type: configurationAlarm (11) Package: bundle Raised on class: bundle.MultiChassisApsInterface	Severity: major Implicitly cleared: true Default probable cause: incompleteConfig (225)	Unspecified
Description: The alarm is raised when there are not exactly two APS bundles in an APS group.		
Raising condition: (('Number of members' NOT EQUAL '2'))		
Clearing condition: (('Number of members' EQUAL '2'))		
Remedial action: Configure the missing peered object.		

Table 41-277 IncompleteConfig (lag)

Alarm	Attributes	Applicable major releases
Name: IncompleteConfig (294) Type: configurationAlarm (11) Package: lag Raised on class: lag.MultiChassisLag	Severity: major Implicitly cleared: true Default probable cause: incompleteConfig (225)	Unspecified
Description: The alarm is raised when an MC LAG has fewer than two members.		
Raising condition: ('numberOfMembers' NOT EQUAL '2')		

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Alarm	Attributes	Applicable major releases
Clearing condition: ('numberOfMembers' EQUAL '2')		
Remedial action: Configure the missing peered object.		

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Table 41-278 IncompleteConfig (rmon)

Alarm	Attributes	Applicable major releases
Name: IncompleteConfig (294) Type: configurationAlarm (11) Package: rmon Raised on classes: <ul style="list-style-type: none"> • rmon.Event • rmon.Alarm 	Severity: major Implicitly cleared: true Default probable cause: incompleteConfig (225)	Unspecified
Description: The alarm is raised when an object is created with default values but not yet made active.		
Raising condition: ('Status' EQUAL 'Under Creation')		
Clearing condition: ('Status' NOT EQUAL 'Under Creation')		
Remedial action: The object is created with default values but not yet made active. Please activate.		

Table 41-279 InconsistenciesOnNode

Alarm	Attributes	Applicable major releases
Name: InconsistenciesOnNode (1077) Type: integrityViolation (85) Package: netw Raised on class: netw.NetworkElement	Severity: warning Implicitly cleared: true Default probable cause: inconsistenciesOnNode (813)	Unspecified
Description: The alarm is raised when a device detects one or more configuration inconsistencies. On a 9500 MPR, this can be caused by cross-connect creation failure during service creation.		
Remedial action: Please click on the clear inconsistencies button from the NE properties GUI form to clear the inconsistencies.		

Table 41-280 InstanceIdMismatch

Alarm	Attributes	Applicable major releases
Name: InstanceIdMismatch (416) Type: configurationAlarm (11) Package: srrp Raised on class: srrp.Instance	Severity: major Implicitly cleared: false Default probable cause: instanceIdMismatch (309)	Unspecified

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Alarm	Attributes	Applicable major releases
Description: The alarm is raised when a local SRRP SAP is backed up by a different SRRP instance on a remote peer.		
Remedial action: Reconfigure the instance so that the peer SRRP instances have the same ID.		

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Table 41-281 InSufficientBandwidth

Alarm	Attributes	Applicable major releases
Name: InSufficientBandwidth (745) Type: communicationsAlarm (4) Package: mpr Raised on class: mpr.VlanPathInstance	Severity: major Implicitly cleared: true Default probable cause: inSufficientBandwidth (521)	Unspecified
Description: The alarm is raised when there is insufficient bandwidth on a radio link between hops in a service.		
Remedial action: Information - Service cannot be deployed because insufficient bandwidth on the port. Use a different port or ensure the required bandwidth.		

Table 41-282 InterfaceDbDescriptAuthFailure

Alarm	Attributes	Applicable major releases
Name: InterfaceDbDescriptAuthFailure (46) Type: authenticationAlarm (14) Package: ospf Raised on class: ospf.Interface	Severity: warning Implicitly cleared: false Default probable cause: authTypeMismatch (45) Applicable probable causes: <ul style="list-style-type: none"> • authTypeMismatch • authFailure 	Unspecified
Description: The alarm is raised when an NE receives a dbDescript packet on a non-virtual interface from an NE whose authentication key or authentication type conflicts with the local NE authentication key or authentication type.		
Remedial action: Informational - The alarm signifies that a dbDescript packet has been received on a non-virtual interface from the network whose authentication key or authentication type conflicts with the local NE's configuration.		

Table 41-283 InterfaceDbDescriptConfig

Alarm	Attributes	Applicable major releases
Name: InterfaceDbDescriptConfig (40) Type: configurationAlarm (11) Package: ospf Raised on class: ospf.Interface	Severity: warning Implicitly cleared: false Default probable cause: badVersion (35) Applicable probable causes: <ul style="list-style-type: none"> • badVersion • areaMismatch • unknownNbmaNbr • unknownVirtualNbr • netMaskMismatch • helloIntervalMismatch • deadIntervalMismatch • optionMismatch • mtuMismatch • noError • duplicateRouterId • ifTypeMismatch • nullRouterId • ifAdminDown • ifPassive 	Unspecified
Description: The alarm is raised when an NE receives a dbDescript packet on a non-virtual interface from an NE whose configuration parameters conflict with the local NE configuration parameters.		
Remedial action: Informational - The alarm signifies that a dbDescript packet has been received on a non-virtual interface from the network whose configuration parameters conflict with the local NE's configurations.		

Table 41-284 InterfaceHelloAuthFailure

Alarm	Attributes	Applicable major releases
Name: InterfaceHelloAuthFailure (45) Type: authenticationAlarm (14) Package: ospf Raised on class: ospf.Interface	Severity: warning Implicitly cleared: false Default probable cause: authTypeMismatch (45) Applicable probable causes: <ul style="list-style-type: none"> • authTypeMismatch • authFailure 	Unspecified
Description: The alarm is raised when an NE receives a hello packet on a non-virtual interface from an NE whose authentication key or authentication type conflicts with the local NE authentication key or authentication type.		
Remedial action: Informational - The alarm signifies that a hello packet has been received on a non-virtual interface from the network whose authentication key or authentication type conflicts with the local NE's configuration.		

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Table 41-285 InterfaceHelloConfig

Alarm	Attributes	Applicable major releases
Name: InterfaceHelloConfig (39) Type: configurationAlarm (11) Package: ospf Raised on class: ospf.Interface	Severity: warning Implicitly cleared: false Default probable cause: badVersion (35) Applicable probable causes: <ul style="list-style-type: none"> • badVersion • areaMismatch • unknownNbmaNbr • unknownVirtualNbr • netMaskMismatch • helloIntervalMismatch • deadIntervalMismatch • optionMismatch • mtuMismatch • noError • duplicateRouterId • ifTypeMismatch • nullRouterId • ifAdminDown • ifPassive 	Unspecified
Description: The alarm is raised when an NE receives a hello packet on a non-virtual interface from an NE whose configuration parameters conflict with the local NE configuration parameters.		
Remedial action: Informational - The alarm signifies that a hello packet has been received on a non-virtual interface from the network whose configuration parameters conflict with the local NE's configurations.		

Table 41-286 InterfaceLsAckAuthFailure

Alarm	Attributes	Applicable major releases
Name: InterfaceLsAckAuthFailure (49) Type: authenticationAlarm (14) Package: ospf Raised on class: ospf.Interface	Severity: warning Implicitly cleared: false Default probable cause: authTypeMismatch (45) Applicable probable causes: <ul style="list-style-type: none"> • authTypeMismatch • authFailure 	Unspecified
Description: The alarm is raised when an NE receives an lsAck packet on a non-virtual interface from an NE whose authentication key or authentication type conflicts with the local NE authentication key or authentication type.		
Remedial action: Informational - The alarm signifies that a lsAck packet has been received on a non-virtual interface from the network whose authentication key or authentication type conflicts with the local NE's configuration.		

Table 41-287 InterfaceLsAckConfig

Alarm	Attributes	Applicable major releases
Name: InterfaceLsAckConfig (43) Type: configurationAlarm (11) Package: ospf Raised on class: ospf.Interface	Severity: warning Implicitly cleared: false Default probable cause: badVersion (35) Applicable probable causes: <ul style="list-style-type: none"> • badVersion • areaMismatch • unknownNbmaNbr • unknownVirtualNbr • netMaskMismatch • helloIntervalMismatch • deadIntervalMismatch • optionMismatch • mtuMismatch • noError • duplicateRouterId • ifTypeMismatch • nullRouterId • ifAdminDown • ifPassive 	Unspecified
Description: The alarm is raised when an NE receives an IsAck packet on a non-virtual interface from an NE whose configuration parameters conflict with the local NE configuration parameters.		
Remedial action: Informational - The alarm signifies that a IsAck packet has been received on a non-virtual interface from the network whose configuration parameters conflict with the local NE's configurations.		

Table 41-288 InterfaceLsReqAuthFailure

Alarm	Attributes	Applicable major releases
Name: InterfaceLsReqAuthFailure (47) Type: authenticationAlarm (14) Package: ospf Raised on class: ospf.Interface	Severity: warning Implicitly cleared: false Default probable cause: authTypeMismatch (45) Applicable probable causes: <ul style="list-style-type: none"> • authTypeMismatch • authFailure 	Unspecified
Description: The alarm is raised when an NE receives an IsReq packet on a non-virtual interface from an NE whose authentication key or authentication type conflicts with the local NE authentication key or authentication type.		
Remedial action: Informational - The alarm signifies that a IsReq packet has been received on a non-virtual interface from the network whose authentication key or authentication type conflicts with the local NE's configuration.		

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Table 41-289 InterfaceLsReqConfig

Alarm	Attributes	Applicable major releases
Name: InterfaceLsReqConfig (41) Type: configurationAlarm (11) Package: ospf Raised on class: ospf.Interface	Severity: warning Implicitly cleared: false Default probable cause: badVersion (35) Applicable probable causes: <ul style="list-style-type: none"> • badVersion • areaMismatch • unknownNbmaNbr • unknownVirtualNbr • netMaskMismatch • helloIntervalMismatch • deadIntervalMismatch • optionMismatch • mtuMismatch • noError • duplicateRouterId • ifTypeMismatch • nullRouterId • ifAdminDown • ifPassive 	Unspecified
Description: The alarm is raised when an NE receives an IsReq packet on a non-virtual interface from an NE whose configuration parameters conflict with the local NE configuration parameters.		
Remedial action: Informational - The alarm signifies that a IsReq packet has been received on a non-virtual interface from the network whose configuration parameters conflict with the local NE's configurations.		

Table 41-290 InterfaceLsUpdateAuthFailure

Alarm	Attributes	Applicable major releases
Name: InterfaceLsUpdateAuthFailure (48) Type: authenticationAlarm (14) Package: ospf Raised on class: ospf.Interface	Severity: warning Implicitly cleared: false Default probable cause: authTypeMismatch (45) Applicable probable causes: <ul style="list-style-type: none"> • authTypeMismatch • authFailure 	Unspecified
Description: The alarm is raised when an NE receives an IsUpdate packet on a non-virtual interface from an NE whose authentication key or authentication type conflicts with the local NE authentication key or authentication type.		
Remedial action: Informational - The alarm signifies that a IsUpdate packet has been received on a non-virtual interface from the network whose authentication key or authentication type conflicts with the local NE's configuration.		

Table 41-291 InterfaceLsUpdateConfig

Alarm	Attributes	Applicable major releases
Name: InterfaceLsUpdateConfig (42) Type: configurationAlarm (11) Package: ospf Raised on class: ospf.Interface	Severity: warning Implicitly cleared: false Default probable cause: badVersion (35) Applicable probable causes: <ul style="list-style-type: none"> • badVersion • areaMismatch • unknownNbmaNbr • unknownVirtualNbr • netMaskMismatch • helloIntervalMismatch • deadIntervalMismatch • optionMismatch • mtuMismatch • noError • duplicateRouterId • ifTypeMismatch • nullRouterId • ifAdminDown • ifPassive 	Unspecified
Description: The alarm is raised when an NE receives an IsUpdate packet on a non-virtual interface from an NE whose configuration parameters conflict with the local NE configuration parameters.		
Remedial action: Informational - The alarm signifies that a IsUpdate packet has been received on a non-virtual interface from the network whose configuration parameters conflict with the local NE's configurations.		

Table 41-292 InterfaceNullPacketAuthFailure

Alarm	Attributes	Applicable major releases
Name: InterfaceNullPacketAuthFailure (50) Type: authenticationAlarm (14) Package: ospf Raised on class: ospf.Interface	Severity: warning Implicitly cleared: false Default probable cause: authTypeMismatch (45) Applicable probable causes: <ul style="list-style-type: none"> • authTypeMismatch • authFailure 	Unspecified
Description: The alarm is raised when an NE receives a null packet on a non-virtual interface from an NE whose authentication key or authentication type conflicts with the local NE authentication key or authentication type.		
Remedial action: Informational - The alarm signifies that a null packet has been received on a non-virtual interface from the network whose authentication key or authentication type conflicts with the local NE's configuration.		

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Table 41-293 InterfaceNullPacketConfig

Alarm	Attributes	Applicable major releases
Name: InterfaceNullPacketConfig (44) Type: configurationAlarm (11) Package: ospf Raised on class: ospf.Interface	Severity: warning Implicitly cleared: false Default probable cause: badVersion (35) Applicable probable causes: <ul style="list-style-type: none"> • badVersion • areaMismatch • unknownNbmaNbr • unknownVirtualNbr • netMaskMismatch • helloIntervalMismatch • deadIntervalMismatch • optionMismatch • mtuMismatch • noError • duplicateRouterId • ifTypeMismatch • nullRouterId • ifAdminDown • ifPassive 	Unspecified
Description: The alarm is raised when an NE receives a null packet on a non-virtual interface from an NE whose configuration parameters conflict with the local NE configuration parameters.		
Remedial action: Informational - The alarm signifies that a null packet has been received on a non-virtual interface from the network whose configuration parameters conflict with the local NE's configurations.		

Table 41-294 InterfaceRxBadPacket

Alarm	Attributes	Applicable major releases
Name: InterfaceRxBadPacket (51) Type: communicationsAlarm (4) Package: ospf Raised on class: ospf.Interface	Severity: warning Implicitly cleared: false Default probable cause: hello (47) Applicable probable causes: <ul style="list-style-type: none"> • hello • dbDescript • lsReq • lsUpdate • lsAck • nullPacket 	Unspecified
Description: The alarm is raised when an NE cannot parse an OSPF packet that it receives on a non-virtual interface.		
Remedial action: Informational - an NE cannot parse an OSPF packet that it receives on a non-virtual interface.		

Table 41-295 InternalCommunicationProblem (equipment)

Alarm	Attributes	Applicable major releases
Name: InternalCommunicationProblem (627) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.Equipment	Severity: variable Implicitly cleared: true Default probable cause: internalCommunicationProblem (466)	Unspecified
Description: The alarm is raised when an ODU is unresponsive.		
Remedial action: Please refer to the 9500 Node Maintenance manual for remedial action information.		

Table 41-296 InternalCommunicationProblem (mpr)

Alarm	Attributes	Applicable major releases
Name: InternalCommunicationProblem (627) Type: equipmentAlarm (3) Package: mpr Raised on class: mpr.SubRackElements	Severity: variable Implicitly cleared: true Default probable cause: internalCommunicationProblem (466)	Unspecified
Description: The alarm is raised when an MPTHLv2 is unresponsive.		
Remedial action: The alarm is raised when there is a loss of communication with MPT. Please refer to the 9500 Node Maintenance manual for remedial action information.		

Table 41-297 InterRedundantMPTCommunicationFailure

Alarm	Attributes	Applicable major releases
Name: InterRedundantMPTCommunicationFailure (4826) Type: communicationsAlarm (4) Package: mwa Raised on class: mwa.PortTermination	Severity: variable Implicitly cleared: true Default probable cause: InternalCommunicationProblem (1915)	Unspecified
Description: The alarm is raised when a MPT detects a Inter Redundant MPTs Communication Failure		
Remedial action: Please refer to either 9500 or 7705 Node Maintenance manual for remedial action information.		

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Table 41-298 InterXPolarizedMPTCommunicationFailure

Alarm	Attributes	Applicable major releases
Name: InterXPolarizedMPTCommunicationFailure (4827) Type: communicationsAlarm (4) Package: mwa Raised on class: mwa.PortTermination	Severity: variable Implicitly cleared: true Default probable cause: InternalCommunicationProblem (1915)	Unspecified
Description: The alarm is raised when a MPT detects a Inter X-Polarized MPTs Communication Failure		
Remedial action: Please refer to either 9500 or 7705 Node Maintenance manual for remedial action information.		

Table 41-299 InvalidBOFAddress

Alarm	Attributes	Applicable major releases
Name: InvalidBOFAddress (1141) Type: communicationsAlarm (4) Package: netw Raised on class: netw.NodeDiscoveryControl	Severity: warning Implicitly cleared: false Default probable cause: invalidBOF (847)	Unspecified
Description: The alarm is raised during a network topology rescan in which the 5620 SAM does not find a previously configured NE BOF address, and the Management IP Selection of the NE is set to one of the following: - Out Of Band Preferred - In Band Preferred		
Remedial action: A configuration error has been made which must be corrected. The BOF address must be configured on the NE.		

Table 41-300 InvalidJoinPrune

Alarm	Attributes	Applicable major releases
Name: InvalidJoinPrune (185) Type: communicationsAlarm (4) Package: pim Raised on class: pim.Site	Severity: warning Implicitly cleared: false Default probable cause: InvalidJoinPruneReceived (145)	Unspecified
Description: The alarm is raised when the RP address in a Join Prune message is not the RP for the group specified in the message.		
Remedial action: Informational - please make sure the RP address in a Join Prune message is the RP for the group specified		

Table 41-301 InvalidRegister

Alarm	Attributes	Applicable major releases
Name: InvalidRegister (186) Type: communicationsAlarm (4) Package: pim Raised on class: pim.Site	Severity: warning Implicitly cleared: false Default probable cause: InvalidJoinRegisterReceived (146)	Unspecified
Description: The alarm is raised when the RP address in a Register message is not the RP for the group specified in the message.		
Remedial action: Informational - please make sure the RP address in a Register message is the RP for the group specified		

Table 41-302 invalidRPLoopbackInterfaceConfig

Alarm	Attributes	Applicable major releases
Name: invalidRPLoopbackInterfaceConfig (269) Type: configurationAlarm (11) Package: pim Raised on class: pim.VirtualAnyCastRP	Severity: warning Implicitly cleared: true Default probable cause: invalidRPLoopbackIfConfig (201)	Unspecified
Description: The alarm is raised when an RP loopback interface configuration is invalid.		
Remedial action: A configuration error has occurred that must be corrected. Please check the global Virtual Anycast RP configuration and its operational status flag so that the loopback is properly configured, PIM is enabled on the loopback interface.		

Table 41-303 IpAddressManaged

Alarm	Attributes	Applicable major releases
Name: IpAddressManaged (4388) Type: IpAddressManaged (124) Package: ptp Raised on class: ptp.SourceEntryPoint	Severity: info Implicitly cleared: false Default probable cause: IpAddressManaged (1571)	Unspecified
Description: The alarm is raised when unmanaged IP address becomes managed virtual router IP address.		
Remedial action: The source entry point unmanaged IP address becomes managed virtual router IP address. Please re-configure source entry point.		

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Table 41-304 IpAddressOverlap

Alarm	Attributes	Applicable major releases
Name: IpAddressOverlap (3318) Type: configurationAlarm (11) Package: rtr Raised on class: rtr.VirtualRouterIpAddress	Severity: warning Implicitly cleared: true Default probable cause: IpAddressOverlap (1157)	Unspecified
Description: The alarm is raised when the IP addresses configured on different VPRN sites within service overlap.		
Remedial action: Please check the IP Addresses configured on different VPRN sites have no overlap.		

Table 41-305 IPListMismatch

Alarm	Attributes	Applicable major releases
Name: IPListMismatch (282) Type: configurationAlarm (11) Package: vrrp Raised on class: vrrp.AbstractInstance	Severity: warning Implicitly cleared: true Default probable cause: nonMatchingBackupAddressList (214)	Unspecified
Description: The alarm is raised when the IP address list in an advertisement message from the current master does not match the configured IP address list.		
Remedial action: Check the configured IP addresses, make sure they match the advertised IP addresses from the master VRRP instance.		

Table 41-306 IpPathDown

Alarm	Attributes	Applicable major releases
Name: IpPathDown (1916) Type: topologyAlarm (34) Package: monpath Raised on class: monpath.MonitoredIpPath	Severity: major Implicitly cleared: true Default probable cause: ipPathDown (918)	Unspecified
Description: This alarm is raised when the re-calculation by the CPAA shows that no IP Path is available.		
Remedial action: Informational - The IP path record provides an Error code which provides a clue on why the path is down.		

Table 41-307 IpPathMonitorFailedRetryThresholdCrossed

Alarm	Attributes	Applicable major releases
Name: IpPathMonitorFailedRetryThresholdCrossed (400) Type: topologyAlarm (34) Package: monpath Raised on class: monpath.MonitoredIpPath	Severity: major Implicitly cleared: true Default probable cause: ipPathCouldNotBeDetermined (299)	Unspecified
Description: The alarm is raised when the 5650 CPAM cannot set up an IP path monitor after the number of attempts specified by the cpamManagedRoute problematicThresholdAlarmAfter value in the nms-server.xml file. The alarm is raised if the cpamManagedRoute problematicRetryStrategy value in nms-server.xml is set to countdown. The default problematicRetryStrategy value of reactive prevents the alarm from being raised.		
Remedial action: Informational - The Retry strategy can be modified in nms-server.xml. This alarm is not raised for the default retry strategy, reactive.		

Table 41-308 IpPathMonitorRetryAttemptsExhausted

Alarm	Attributes	Applicable major releases
Name: IpPathMonitorRetryAttemptsExhausted (401) Type: topologyAlarm (34) Package: monpath Raised on class: monpath.MonitoredIpPath	Severity: major Implicitly cleared: false Default probable cause: ipPathCouldNotBeDetermined (299)	Unspecified
Description: The alarm is raised when the 5650 CPAM stops trying to set up an IP path monitor after the number of attempts specified by the cpamManagedRoute problematicDeadAfter value in the nms-server.xml file. The alarm is raised if the cpamManagedRoute problematicRetryStrategy value in nms-server.xml is set to countdown. The default problematicRetryStrategy value of reactive prevents the alarm from being raised.		
Remedial action: Informational - The Retry strategy can be modified in nms-server.xml. This alarm is not raised for the default retry strategy, reactive.		

Table 41-309 IpPathMulticastWarning

Alarm	Attributes	Applicable major releases
Name: IpPathMulticastWarning (1917) Type: topologyAlarm (34) Package: monpath Raised on class: monpath.MonitoredIpPath	Severity: major Implicitly cleared: true Default probable cause: IpPathSegmentNotMulticastEnabled (919)	Unspecified
Description: If IP Path is enabled for monitoring Multicast, the alarm is raised when at least one IP Path segment is not Multicast enabled. The alarm is cleared when all the segments are Multicast enabled.		
Remedial action: Informational - The segments without PIM interface enabled can be obtained from path record. PIM should be enabled on these interfaces in order for alarm to be cleared.		

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Table 41-310 IPsecInterfaceBfdSessionDown

Alarm	Attributes	Applicable major releases
Name: IPsecInterfaceBfdSessionDown (3324) Type: bfdSessionAlarm (46) Package: service Raised on class: service.IPsecInterface	Severity: warning Implicitly cleared: true Default probable cause: bfdSessionDown (346)	Unspecified
Description: The alarm is raised when a BFD session is operationally down.		
Remedial action: This alarm is raised when a BFD session on an IPsec interface goes down. The situation may occur if the underlying physical interface is down either because of administrative disabling or a fault on the far end port or due to a cable connection or cable failure. This alarm will also be raised if the underlying transport network fails or is unreliable. Resolving the underlying instability in the transport network will correct this problem.		

Table 41-311 IPsecInterfaceBfdSessionFlapped

Alarm	Attributes	Applicable major releases
Name: IPsecInterfaceBfdSessionFlapped (3905) Type: bfdSessionAlarm (46) Package: service Raised on class: service.IPsecInterface	Severity: warning Implicitly cleared: true Default probable cause: bfdSessionFlapped (1491)	Unspecified
Description: The alarm is raised when a BFD session transitions from Up to Down and back to Up within the BFD operational state transition interval.		
Remedial action: The BFD session on an IPsec interface has transitioned from Up to Down and back to Up within the configured BFD Flapping Interval.		

Table 41-312 IPsecInterfaceBfdSessionMissing

Alarm	Attributes	Applicable major releases
Name: IPsecInterfaceBfdSessionMissing (3325) Type: bfdSessionAlarm (46) Package: service Raised on class: service.IPsecInterface	Severity: warning Implicitly cleared: true Default probable cause: bfdSessionMissing (345)	Unspecified
Description: The alarm is raised when a previously present BFD session is absent.		
Remedial action: This alarm is raised when a previously present BFD session on an IPsec interface is absent. The situation may occur if the underlying physical interface is down either because of administrative disabling or a fault on the near end port or due to a cable connection or cable failure. This alarm will also be raised if the underlying transport network fails or is unreliable. Resolving the underlying instability in the transport network will correct this problem.		

Table 41-313 IPsecRUSAFailToAddRoute

Alarm	Attributes	Applicable major releases
Name: IPsecRUSAFailToAddRoute (5185) Type: processingErrorAlarm (81) Package: ipsec Raised on class: ipsec.IPsecSecuredVpnManager	Severity: warning Implicitly cleared: false Default probable cause: IPsecRUSAFailToAddRoute (2101)	Unspecified
Description: The trap tIPsecRUSAFailToAddRoute is sent when adding route to tIPsecRUSARemAddr for the remote-user tunnel fails with reason indicated by tIPsecNotifReason.		
Remedial action: Informational - Please see reason for failure.		

Table 41-314 IPsecRUTnIFailToCreate

Alarm	Attributes	Applicable major releases
Name: IPsecRUTnIFailToCreate (5186) Type: processingErrorAlarm (81) Package: ipsec Raised on class: ipsec.IPsecGateway	Severity: warning Implicitly cleared: false Default probable cause: IPsecRUTnIFailToCreate (2102)	Unspecified
Description: This alarm is sent when creation of a remote-user tunnel fails with reason indicated by notifReason.		
Remedial action: Informational - Please see reason for failure.		

Table 41-315 IsaAaGrpBitRate

Alarm	Attributes	Applicable major releases
Name: IsaAaGrpBitRate (2948) Type: equipmentAlarm (3) Package: isa Raised on class: isa.AaGroup	Severity: warning Implicitly cleared: false Default probable cause: isaAaGrpBitRate (1143)	Unspecified
Description: The alarm is raised when the current bit rate on the MDA in the ISA-AA group is greater than or equal to tmnxBsxBitRateHighWatermark, and the prior bit rate is less than the threshold.		
Remedial action: The current bit rate on the MDA in the ISA-AA group is greater than or equal to the configured Bit Rate High Watermark. The threshold configured should be revisited to ensure that it is not set too low. To disable the notification, set the Packet Rate High Watermark to maximum.		

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Table 41-316 IsaAaGrpCapCostThres

Alarm	Attributes	Applicable major releases
Name: IsaAaGrpCapCostThres (835) Type: equipmentAlarm (3) Package: isa Raised on class: isa.AaGroupMember	Severity: warning Implicitly cleared: false Default probable cause: IsaAaGrpCapCostThres (595)	Unspecified
Description: The alarm is raised when the capacity cost for an MDA in an ISA-AA group reaches the configured threshold.		
Remedial action: The capacity cost high threshold for the MDA in the ISA-AA group has been reached.		

Table 41-317 IsaAaGrpFailure

Alarm	Attributes	Applicable major releases
Name: IsaAaGrpFailure (564) Type: equipmentAlarm (3) Package: isa Raised on class: isa.AaGroup	Severity: warning Implicitly cleared: true Default probable cause: isaAaGrpFailure (434)	Unspecified
Description: The alarm is raised when an ISA-AA Group has no configured primary MDA or the number of active MDAs is not equal to the number of configured primary MDAs.		
Remedial action: There is a failure on the ISA-AA group. Ensure that ISA-AA group has a primary MDA group member configured, and that the number of active MDAs is equal to the number of configured primary MDAs.		

Table 41-318 IsaAaGrpFlowFull

Alarm	Attributes	Applicable major releases
Name: IsaAaGrpFlowFull (566) Type: equipmentAlarm (3) Package: isa Raised on class: isa.AaGroup	Severity: warning Implicitly cleared: false Default probable cause: isaAaGrpFlowFull (436)	Unspecified
Description: The alarm is raised when an ISA-AA group uses a greater number of flow records than the value specified by tmnxBsxFowFullHighWatermark.		
Remedial action: The number of flow records that the ISA-AA group is using is greater than or equal to the configured Flow Full High Watermark. The threshold configured should be revisited to ensure that it is not set too low.		

Table 41-319 IsaAaGrpFlowSetup

Alarm	Attributes	Applicable major releases
Name: IsaAaGrpFlowSetup (2949) Type: equipmentAlarm (3) Package: isa Raised on class: isa.AaGroup	Severity: warning Implicitly cleared: false Default probable cause: isaAaGrpFlowSetup (1144)	Unspecified
Description: The alarm is raised when the current flow setup rate on the MDA in the ISA-AA group is greater than or equal to tmnxBsxFlowSetupHighWatermark, and the prior bit rate is less than the threshold.		
Remedial action: The current flow setup rate on the MDA in the ISA-AA group is greater than or equal to the configured Flow Setup High Watermark. The threshold configured should be revisited to ensure that it is not set too low. To disable the notification, set the Flow Setup High Watermark to maximum.		

Table 41-320 IsaAaGrpFmSbWaSBufOvld

Alarm	Attributes	Applicable major releases
Name: IsaAaGrpFmSbWaSBufOvld (2950) Type: equipmentAlarm (3) Package: isa Raised on class: isa.AaGroupMember	Severity: warning Implicitly cleared: true Default probable cause: IsaAaGrpFmSbWaSBufOvld (1145)	Unspecified
Description: The alarm is raised when the current weighted average shared buffer for an ISA in the from subscriber direction is greater than or equal to a high water mark in a normal, non-overloaded, state.		
Remedial action: The ISA-AA Egress From-Subscriber buffer pool has entered an overload state as determined by the configured Buffer Utilization High Watermark. The threshold configured should be revisited to ensure it is not set too low. To disable the notification, set the Buffer Utilization High Watermark to the maximum.		

Table 41-321 IsaAaGrpNonRedundant

Alarm	Attributes	Applicable major releases
Name: IsaAaGrpNonRedundant (565) Type: equipmentAlarm (3) Package: isa Raised on class: isa.AaGroup	Severity: warning Implicitly cleared: false Default probable cause: isaAaGrpNonRedundant (435)	Unspecified
Description: The alarm is raised when an ISA-AA Group has a configured backup MDA but there is no standby MDA available.		
Remedial action: The ISA-AA Group has a configured backup MDA but there is no standby MDA available. Check that the configured standby MDA is active and operationally up. There may be a fault with the ISA Application Assurance MDA.		

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Table 41-322 IsaAaGrpOvrldCutthru

Alarm	Attributes	Applicable major releases
Name: IsaAaGrpOvrldCutthru (2951) Type: equipmentAlarm (3) Package: isa Raised on class: isa.AaGroupMember	Severity: warning Implicitly cleared: true Default probable cause: IsaAaGrpOvrldCutthru (1146)	Unspecified
Description: The alarm is raised when cut through processing starts on an ISA MDA.		
Remedial action: Overload Cut-Through is enabled on the ISA-AA Group. All traffic is cut-through and the ISA-AA MDA is overloaded. Disable Overload Cut-Through if this is not required.		

Table 41-323 IsaAaGrpPacketRate

Alarm	Attributes	Applicable major releases
Name: IsaAaGrpPacketRate (2952) Type: equipmentAlarm (3) Package: isa Raised on class: isa.AaGroup	Severity: warning Implicitly cleared: false Default probable cause: isaAaGrpPacketRate (1147)	Unspecified
Description: The alarm is raised when the current packet rate on the MDA in the ISA-AA group is greater than or equal to tmnxBsxPacketRateHighWatermark, and the prior rate is less than this threshold.		
Remedial action: The current packet rate on the MDA in the ISA-AA group is greater than or equal to the configured Packet Rate High Watermark. The threshold configured should be revisited to ensure that it is not set too low. To disable the notification, set the Packet Rate High Watermark to maximum.		

Table 41-324 IsaAaGrpSwitchover

Alarm	Attributes	Applicable major releases
Name: IsaAaGrpSwitchover (567) Type: equipmentAlarm (3) Package: isa Raised on class: isa.AaGroup	Severity: warning Implicitly cleared: false Default probable cause: isaAaGrpSwitchover (437)	Unspecified
Description: The alarm is raised when an ISA-AA group experiences an activity switch from one ISA-AA to another.		
Remedial action: The ISA-AA Group has performed an activity switch from one ISA-AA MDA to another.		

Table 41-325 IsaAaGrpToSbWaSBufOvld

Alarm	Attributes	Applicable major releases
Name: IsaAaGrpToSbWaSBufOvld (2953) Type: equipmentAlarm (3) Package: isa Raised on class: isa.AaGroupMember	Severity: warning Implicitly cleared: true Default probable cause: IsaAaGrpToSbWaSBufOvld (1148)	Unspecified
Description: The alarm is raised when the current weighted average shared buffer use for an ISA in the To subscriber direction, is greater than or equal to a high water mark, after being in a normal or non-overloaded state.		
Remedial action: The ISA-AA Egress To-Subscriber buffer pool has entered an overload state as determined by the configured Buffer Utilization High Watermark. The threshold configured should be revisited to ensure it is not set too low. To disable the notification, set the Buffer Utilization High Watermark to the maximum.		

Table 41-326 IsidMisconfiguration (epipe)

Alarm	Attributes	Applicable major releases
Name: IsidMisconfiguration (592) Type: configurationAlarm (11) Package: epipe Raised on class: epipe.Epipe	Severity: warning Implicitly cleared: true Default probable cause: isidInconsistent (446)	Unspecified
Description: The alarm is raised when Epipe service sites that are bound to a PBB backbone use different ISID values.		
Raising condition: ('operationalFlags'anyBit'ISID Inconsistent')		
Clearing condition: NOT (('operationalFlags'anyBit'ISID Inconsistent'))		
Remedial action: All service sites must use consistent I-SID values for a PBB backbone.		

Table 41-327 IsidMisconfiguration (vpls)

Alarm	Attributes	Applicable major releases
Name: IsidMisconfiguration (592) Type: configurationAlarm (11) Package: vpls Raised on class: vpls.AbstractVpls	Severity: warning Implicitly cleared: true Default probable cause: isidInconsistent (446)	Unspecified
Description: The alarm is raised when service sites use inconsistent I-SID values for a PBB backbone. The alarm is raised against a VPLS or M-VPLS service.		
Raising condition: ('operationalFlags'anyBit'ISID Inconsistent')		
Clearing condition: NOT (('operationalFlags'anyBit'ISID Inconsistent'))		
Remedial action: All service sites must use consistent I-SID values for a PBB backbone.		

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Table 41-328 IsisAreaMismatch

Alarm	Attributes	Applicable major releases
Name: IsisAreaMismatch (156) Type: configurationAlarm (11) Package: isis Raised on class: isis.Site	Severity: warning Implicitly cleared: true Default probable cause: areaTypeMisconfigured (34)	Unspecified
Description: The alarm is raised when IS-IS receives a Hello PDU from an IS with which it does not share an area address.		
Remedial action: Check whether NET address is configured and the AREA ID between two adjacencies are not the same.		

Table 41-329 IsisAuthFailure

Alarm	Attributes	Applicable major releases
Name: IsisAuthFailure (155) Type: authenticationAlarm (14) Package: isis Raised on class: isis.Site	Severity: warning Implicitly cleared: false Default probable cause: authFailure (46)	Unspecified
Description: The alarm is raised when IS-IS receives a PDU that contains incorrect authentication information.		
Remedial action: The authentication information on the ISIS Site needs to be changed to match its neighbours.		

Table 41-330 IsisAuthTypeFailure

Alarm	Attributes	Applicable major releases
Name: IsisAuthTypeFailure (154) Type: authenticationAlarm (14) Package: isis Raised on class: isis.Site	Severity: warning Implicitly cleared: true Default probable cause: authFailure (46)	Unspecified
Description: The alarm is raised when IS-IS receives a PDU that contains the wrong authentication type.		
Remedial action: The authentication information on the ISIS Site needs to be changed to match its neighbours.		

Table 41-331 IsisExportLimitDropped

Alarm	Attributes	Applicable major releases
Name: IsisExportLimitDropped (838) Type: configurationAlarm (11) Package: isis Raised on class: isis.Site	Severity: warning Implicitly cleared: false Default probable cause: exportLimitDropped (598)	Unspecified

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Alarm	Attributes	Applicable major releases
Description: The alarm is raised when the number of routes exported from the route table to an IS-IS level drops below the Export Limit value for the level.		
Remedial action: Informational.		

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Table 41-332 IsisExportLimitReached

Alarm	Attributes	Applicable major releases
Name: IsisExportLimitReached (839) Type: configurationAlarm (11) Package: isis Raised on class: isis.Site	Severity: warning Implicitly cleared: false Default probable cause: exportLimitReached (599)	Unspecified
Description: The alarm is raised when the number of routes exported from the route table to an IS-IS level is equal to the Export Limit value for the level.		
Remedial action: Informational - the number of routes exported from the route table to an IS-IS level is equal to the Export Limit value for the level		

Table 41-333 IsisExportLimitWarning

Alarm	Attributes	Applicable major releases
Name: IsisExportLimitWarning (840) Type: configurationAlarm (11) Package: isis Raised on class: isis.Site	Severity: warning Implicitly cleared: false Default probable cause: exportLimitWarning (600)	Unspecified
Description: The alarm is raised when the number of routes exported from the route table to an IS-IS level is equal to the Export Limit percentage specified by the Export Limit Log Percent value.		
Remedial action: Informational - the number of routes exported from the route table to an IS-IS level is equal to the Export Limit percentage specified by the Export Limit Log Percent value.		

Table 41-334 IsisLspRateThresholdExceeded

Alarm	Attributes	Applicable major releases
Name: IsisLspRateThresholdExceeded (376) Type: topologyAlarm (34) Package: topology Raised on class: topology.Cpaa	Severity: major Implicitly cleared: true Default probable cause: unstableIGPNetwork (241)	Unspecified
Description: The alarm is raised when the IS-IS LSP rate exceeds the maximum allowed value because of an unstable IGP network.		
Remedial action: User configured alarm for monitoring purpose. IGP historical map can be used for debugging purpose.		

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Table 41-335 IsisLspThresholdExceeded

Alarm	Attributes	Applicable major releases
Name: IsisLspThresholdExceeded (375) Type: topologyAlarm (34) Package: topology Raised on class: topology.Cpaa	Severity: major Implicitly cleared: true Default probable cause: largeIGPNetwork (276)	Unspecified
Description: The alarm is raised when the number of IS-IS LSPs exceeds the maximum allowed value because of a large IGP network.		
Remedial action: User configured alarm for monitoring purpose. IGP historical map can be used for debugging purpose.		

Table 41-336 IsisManualAddressDrops

Alarm	Attributes	Applicable major releases
Name: IsisManualAddressDrops (157) Type: configurationAlarm (11) Package: isis Raised on class: isis.Site	Severity: warning Implicitly cleared: false Default probable cause: noError (44)	Unspecified
Description: The alarm is raised when a manual area address assigned to an IS is ignored during a route computation.		
Remedial action: Informational - no corrective action required.		

Table 41-337 IsisReachabilityThresholdExceeded

Alarm	Attributes	Applicable major releases
Name: IsisReachabilityThresholdExceeded (377) Type: topologyAlarm (34) Package: topology Raised on class: topology.Cpaa	Severity: major Implicitly cleared: true Default probable cause: manyExternalLSAsFloodingIntoIGP (271)	Unspecified
Description: The alarm is raised when the IS-IS reachability value exceeds the maximum allowed value because too many external LSAs are flooding the IGP.		
Remedial action: User configured alarm for monitoring purpose. The advertised routes can be viewed using CPAM IGP prefix list.		

Table 41-338 IsisRejectedAdjacency

Alarm	Attributes	Applicable major releases
Name: IsisRejectedAdjacency (214) Type: adjacencyAlarm (31) Package: isis Raised on class: isis.Interface	Severity: minor Implicitly cleared: true Default probable cause: interfaceMismatch (170)	Unspecified
Description: The alarm is raised when the 5620 SAM receives a vRtrIsisRejectedAdjacency trap, which indicates that an adjacency cannot be established in response to a Hello PDU from an IS because of a lack of resources.		
Remedial action: Informational, might have exceeded the maximum number of adjacencies allowed.		

Table 41-339 L2AccessInterfaceChange

Alarm	Attributes	Applicable major releases
Name: L2AccessInterfaceChange (3933) Type: communicationsAlarm (4) Package: mpr Raised on class: mpr.VlanPathInstance	Severity: info Implicitly cleared: true Default probable cause: SAPChanged (1516)	Unspecified
Description: The alarm is raised when the SAP is changed in Service for 9500.		
Remedial action: Informational - if SAP is changed this alarm is raised.		

Table 41-340 L2tpLnsSePppSessionFailure

Alarm	Attributes	Applicable major releases
Name: L2tpLnsSePppSessionFailure (3901) Type: processingErrorAlarm (81) Package: rtr Raised on class: rtr.RoutingInstanceSite	Severity: major Implicitly cleared: false Default probable cause: l2tpLnsSePppSessionFailed (1492)	Unspecified
Description: The alarm is raised when an NE notifies the 5620 SAM that it cannot create a new L2TP session.		
Remedial action: The alarm is raised when an NE notifies the 5620 SAM that it cannot create a new L2TP session. Verify the configuration to have LNS group assigned to the group tunnel profile or tunnel profile. Additionally, verify the length of the auto-generated subscriber identification.		

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Table 41-341 L2tpTunnelBlacklisted

Alarm	Attributes	Applicable major releases
Name: L2tpTunnelBlacklisted (4625) Type: processingErrorAlarm (81) Package: l2tp Raised on class: l2tp.TunnelStatus	Severity: variable Implicitly cleared: true Default probable cause: tmnxL2tpTunnelBlacklisted (1893)	Unspecified
Description: This alarm is raised when a L2TP tunnel is added to the tunnel-selection-blacklist. It is automatically cleared when the tunnel is removed from the list.		
Remedial action: In most cases the problem is a configuration mismatch between LAC and LNS, or a problem on LNS. Please refer to the additional text and enable the debug log on event lac-session-setup to figure out the root cause.		

Table 41-342 LacpExpired

Alarm	Attributes	Applicable major releases
Name: LacpExpired (3981) Type: equipmentAlarm (3) Package: lag Raised on class: lag.PortTermination	Severity: minor Implicitly cleared: true Default probable cause: LagSubgroupMemberStateChange (1558)	Unspecified
Description: The alarm is raised when Lacp expired on subgroup lag member due to state change.		
Remedial action: The reasons for LACP Expired alarm may vary. The following possible causes of this alarm should be investigated. The partner lag member oper state may have changed or LACP Transmit Standby may have been disabled - this can be remedied by enabling the LACP Transmit Standby on Lag. The partner lag member 802.3ah oper state may have changed - ensure that 802.3ah state is same on both ends. The partner lag member dot1ag state may have changed - ensure that dot1ag state is same on both ends.		

Table 41-343 LagDot1agStateChanged

Alarm	Attributes	Applicable major releases
Name: LagDot1agStateChanged (3982) Type: equipmentAlarm (3) Package: lag Raised on class: lag.PortTermination	Severity: minor Implicitly cleared: true Default probable cause: Dot1agStateChange (1559)	Unspecified
Description: The alarm is raised when the subgroup lag member dot1ag state has changed.		
Remedial action: The lag member dot1ag state may have changed - please ensure that dot1ag state is same on both ends.		

Table 41-344 LagEfmOamStateChanged

Alarm	Attributes	Applicable major releases
Name: LagEfmOamStateChanged (3983) Type: equipmentAlarm (3) Package: lag Raised on class: lag.PortTermination	Severity: minor Implicitly cleared: true Default probable cause: EfmOamStateChange (1560)	Unspecified
Description: The alarm is raised when the subgroup lag member efmOam state has changed.		
Remedial action: The lag member 802.3ah oper state may have changed - please ensure that 802.3ah state is same on both ends.		

Table 41-345 LagPartnerOperStateChanged

Alarm	Attributes	Applicable major releases
Name: LagPartnerOperStateChanged (3984) Type: equipmentAlarm (3) Package: lag Raised on class: lag.PortTermination	Severity: minor Implicitly cleared: true Default probable cause: PartnerOperStateChange (1561)	Unspecified
Description: The alarm is raised when the subgroup lag member partner oper state has changed.		
Remedial action: The lag member oper state may have changed or LACP Transmit Standby may have been disabled - this can be remedied by enabling the LACP Transmit Standby on Lag.		

Table 41-346 LanFailure

Alarm	Attributes	Applicable major releases
Name: LanFailure (628) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.Equipment	Severity: variable Implicitly cleared: true Default probable cause: lanFailure (467)	Unspecified
Description: The alarm is raised when a LAN failure is detected.		
Remedial action: One of the following conditions exists on the referenced physical interface which must be corrected. A cable/fiber fault exists which must be corrected - check to ensure that the cable is not faulty and is properly connected. The port is faulty - run diagnostics on the port to determine the nature of the fault. If the problem cannot be resolved swap the card containing the port with a card which is known be functional.		

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Table 41-347 LastHopIncorrectLabelAction

Alarm	Attributes	Applicable major releases
Name: LastHopIncorrectLabelAction (352) Type: configurationAlarm (11) Package: mpls Raised on class: mpls.StaticLsp	Severity: warning Implicitly cleared: true Default probable cause: LabelActionIsNotPopOnLastHop (254)	Unspecified
Description: The alarm is raised when the label action specified for the last hop in a static LSP is not a pop action.		
Remedial action: Ensure the last hop configured with a pop label action, if the last hop node is managed by SAM.		

Table 41-348 LastHopNotMatchingDestination

Alarm	Attributes	Applicable major releases
Name: LastHopNotMatchingDestination (351) Type: configurationAlarm (11) Package: mpls Raised on class: mpls.StaticLsp	Severity: warning Implicitly cleared: true Default probable cause: LastHopNotMatchingDestination (253)	Unspecified
Description: The alarm is raised when the last hop in a static LSP is not the destination.		
Remedial action: Ensure the last hop configured in the static LSP match the destination of the LSP, if the last hop node is managed by SAM.		

Table 41-349 LCD

Alarm	Attributes	Applicable major releases
Name: LCD (803) Type: communicationsAlarm (4) Package: mpr Raised on class: mpr.IMALink	Severity: major Implicitly cleared: true Default probable cause: lossOfCellDelineation (569)	Unspecified
Description: The alarm is raised when a Loss of Cell Delineation signal is detected on an ASAP MDA.		
Remedial action: Please refer to the 9500 Node Maintenance manual for remedial action information.		

Table 41-350 LdpInterfaceDown

Alarm	Attributes	Applicable major releases
Name: LdpInterfaceDown (21) Type: ProtocolAlarm (1) Package: ldp Raised on class: ldp.Interface	Severity: critical Implicitly cleared: false Default probable cause: protocolDown (1)	Unspecified
Description: The alarm is raised when an LDP interface is operationally down.		
Remedial action: Check operational state down reason and state qualifier, then update accordingly.		

Table 41-351 Licensed3RouterLimitExceeded

Alarm	Attributes	Applicable major releases
Name: Licensed3RouterLimitExceeded (694) Type: cpamLicensingAlarm (39) Package: security Raised on class: security.CpamLicense	Severity: critical Implicitly cleared: true Default probable cause: cpamLicensedLimitExceeded (285)	Unspecified
Description: The alarm is raised when the number of third-party routers in the 5650 CPAM network reaches 100 percent of the license capacity.		
Raising condition: ('isLicensed3RouterLimitExceeded' EQUAL 'true')		
Clearing condition: ('isLicensed3RouterLimitExceeded' NOT EQUAL 'true')		
Remedial action: Informational - The number of Third Party Router licenses purchased and available on the CPAM server is insufficient as compared to the number of third party routers under management in the network. Please contact Alcatel-Lucent Sales to purchase additional licenses.		

Table 41-352 Licensed3RouterLimitNearing

Alarm	Attributes	Applicable major releases
Name: Licensed3RouterLimitNearing (695) Type: cpamLicensingAlarm (39) Package: security Raised on class: security.CpamLicense	Severity: warning Implicitly cleared: true Default probable cause: cpamLicensedLimitNearing (283)	Unspecified
Description: The alarm is raised when the number of third-party routers in the 5650 CPAM network reaches 75 to 90 percent of the license capacity.		
Remedial action: Informational - The number of Third Party Router licenses purchased and available on the CPAM server is insufficient as compared to the number of third party routers under management in the network. Please contact Alcatel-Lucent Sales to purchase additional licenses.		

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Table 41-353 Licensed3RouterLimitNearlyExceeded

Alarm	Attributes	Applicable major releases
Name: Licensed3RouterLimitNearlyExceeded (696) Type: cpamLicensingAlarm (39) Package: security Raised on class: security.CpamLicense	Severity: major Implicitly cleared: true Default probable cause: cpamLicensedLimitNearlyExceeded (284)	Unspecified
Description: The alarm is raised when the number of third-party routers in the 5650 CPAM network reaches 90 to 100 percent of the license capacity.		
Remedial action: Informational - The number of Third Party Router licenses purchased and available on the CPAM server is insufficient as compared to the number of third party routers under management in the network. Please contact Alcatel-Lucent Sales to purchase additional licenses.		

Table 41-354 LicensedBgpRouteProfileLimitExceeded

Alarm	Attributes	Applicable major releases
Name: LicensedBgpRouteProfileLimitExceeded (5132) Type: cpamLicensingAlarm (39) Package: security Raised on class: security.CpamLicense	Severity: critical Implicitly cleared: true Default probable cause: cpamLicensedLimitExceeded (285)	Unspecified
Description: The alarm is raised when the number of BGP Route Profiles in the 5650 CPAM reaches 100 percent of the license capacity.		
Raising condition: ('isLicensedBgpProfileLimitExceeded' EQUAL 'true')		
Clearing condition: ('isLicensedBgpProfileLimitExceeded' NOT EQUAL 'true')		
Remedial action: Informational - The number of Bgp Route Profile Module licenses purchased and available on the CPAM server is insufficient as compared to the number of Bgp Route Profiles in the network. Please contact Alcatel-Lucent Sales to purchase additional licenses.		

Table 41-355 LicensedBgpRouteProfileLimitNearing

Alarm	Attributes	Applicable major releases
Name: LicensedBgpRouteProfileLimitNearing (5133) Type: cpamLicensingAlarm (39) Package: security Raised on class: security.CpamLicense	Severity: warning Implicitly cleared: true Default probable cause: cpamLicensedLimitNearing (283)	Unspecified
Description: The alarm is raised when the number of BGP Route Profiles in the 5650 CPAM reaches 75 to 90 percent of the license capacity.		
Remedial action: Informational - The number of Bgp Route Profile Module licenses purchased and available on the CPAM server is insufficient as compared to the number of Bgp Route Profiles in the network. Please contact Alcatel-Lucent Sales to purchase additional licenses.		

Table 41-356 LicensedBgpRouteProfileLimitNearlyExceeded

Alarm	Attributes	Applicable major releases
Name: LicensedBgpRouteProfileLimitNearlyExceeded (5134) Type: cpamLicensingAlarm (39) Package: security Raised on class: security.CpamLicense	Severity: major Implicitly cleared: true Default probable cause: cpamLicensedLimitNearlyExceeded (284)	Unspecified
Description: The alarm is raised when the number of BGP Route Profiles in the 5650 CPAM reaches 90 to 100 percent of the license capacity.		
Remedial action: Informational - The number of Bgp Route Profiles Module licenses purchased and available on the CPAM server is insufficient as compared to the number of BGP Route Profiles in the network. Please contact Alcatel-Lucent Sales to purchase additional licenses.		

Table 41-357 LicensedBigRouterLimitExceeded

Alarm	Attributes	Applicable major releases
Name: LicensedBigRouterLimitExceeded (709) Type: cpamLicensingAlarm (39) Package: security Raised on class: security.CpamLicense	Severity: critical Implicitly cleared: true Default probable cause: cpamLicensedLimitExceeded (285)	Unspecified
Description: The alarm is raised when the number of Alcatel-Lucent large routers in the network reaches 100 percent of the 5650 CPAM license capacity.		
Raising condition: ('isLicensedBigRouterLimitExceeded' EQUAL 'true')		
Clearing condition: ('isLicensedBigRouterLimitExceeded' NOT EQUAL 'true')		
Remedial action: Informational - The number of Big Router licenses purchased and available on the CPAM server is insufficient as compared to the number of big routers under management in the network. Please contact Alcatel-Lucent Sales to purchase additional licenses.		

Table 41-358 LicensedBigRouterLimitNearing

Alarm	Attributes	Applicable major releases
Name: LicensedBigRouterLimitNearing (710) Type: cpamLicensingAlarm (39) Package: security Raised on class: security.CpamLicense	Severity: warning Implicitly cleared: true Default probable cause: cpamLicensedLimitNearing (283)	Unspecified
Description: The alarm is raised when the number of Alcatel-Lucent large routers in the network reaches 75 to 90 percent of the 5650 CPAM license capacity.		
Remedial action: Informational - The number of Big Router licenses purchased and available on the CPAM server is insufficient as compared to the number of big routers under management in the network. Please contact Alcatel-Lucent Sales to purchase additional licenses.		

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Table 41-359 LicensedBigRouterLimitNearlyExceeded

Alarm	Attributes	Applicable major releases
Name: LicensedBigRouterLimitNearlyExceeded (711) Type: cpamLicensingAlarm (39) Package: security Raised on class: security.CpamLicense	Severity: major Implicitly cleared: true Default probable cause: cpamLicensedLimitNearlyExceeded (284)	Unspecified
Description: The alarm is raised when the number of Alcatel-Lucent large routers in the network reaches 90 to 100 percent of the 5650 CPAM license capacity.		
Remedial action: Informational - The number of Big Router licenses purchased and available on the CPAM server is insufficient as compared to the number of big routers under management in the network. Please contact Alcatel-Lucent Sales to purchase additional licenses.		

Table 41-360 LicensedImpactAnalysisRouterLimitExceeded

Alarm	Attributes	Applicable major releases
Name: LicensedImpactAnalysisRouterLimitExceeded (712) Type: cpamLicensingAlarm (39) Package: security Raised on class: security.CpamLicenseScenario	Severity: critical Implicitly cleared: true Default probable cause: cpamLicensedLimitExceeded (285)	Unspecified
Description: The alarm is raised when the number of routers in a simulation scenario reaches 100 percent of the license capacity.		
Raising condition: ('isLicensedRouterLimitExceeded' EQUAL 'true')		
Clearing condition: ('isLicensedRouterLimitExceeded' NOT EQUAL 'true')		
Remedial action: Informational - The number of licenses purchased and available on the CPAM server for routers in a simulation scenario is insufficient as compared to the number of routers in a simulation scenario. Please contact Alcatel-Lucent Sales to purchase additional licenses.		

Table 41-361 LicensedImpactAnalysisRouterLimitNearing

Alarm	Attributes	Applicable major releases
Name: LicensedImpactAnalysisRouterLimitNearing (713) Type: cpamLicensingAlarm (39) Package: security Raised on class: security.CpamLicenseScenario	Severity: warning Implicitly cleared: true Default probable cause: cpamLicensedLimitNearing (283)	Unspecified
Description: The alarm is raised when the number of routers in a simulation scenario reaches 75 to 90 percent of the license capacity.		
Remedial action: Informational - The number of licenses purchased and available on the CPAM server for routers in a simulation scenario is insufficient as compared to the number of routers in a simulation scenario. Please contact Alcatel-Lucent Sales to purchase additional licenses.		

Table 41-362 LicensedImpactAnalysisRouterLimitNearlyExceeded

Alarm	Attributes	Applicable major releases
Name: LicensedImpactAnalysisRouterLimitNearlyExceeded (714) Type: cpamLicensingAlarm (39) Package: security Raised on class: security.CpamLicenseScenario	Severity: major Implicitly cleared: true Default probable cause: cpamLicensedLimitNearlyExceeded (284)	Unspecified
Description: The alarm is raised when the number of routers in a simulation scenario reaches 90 to 100 percent of the license capacity.		
Remedial action: Informational - The number of licenses purchased and available on the CPAM server for routers in a simulation scenario is insufficient as compared to the number of routers in a simulation scenario. Please contact Alcatel-Lucent Sales to purchase additional licenses.		

Table 41-363 LicensedIpPathLimitExceeded

Alarm	Attributes	Applicable major releases
Name: LicensedIpPathLimitExceeded (715) Type: cpamLicensingAlarm (39) Package: security Raised on class: security.CpamLicense	Severity: critical Implicitly cleared: true Default probable cause: cpamLicensedLimitExceeded (285)	Unspecified
Description: The alarm is raised when the number of IP path monitors in the 5650 CPAM reaches 100 percent of the license capacity.		
Raising condition: ('isLicensedIpPathLimitExceeded' EQUAL 'true')		
Clearing condition: ('isLicensedIpPathLimitExceeded' NOT EQUAL 'true')		
Remedial action: Informational - The number of Path Computation Module licenses purchased and available on the CPAM server is insufficient as compared to the number of PCA paths in the network. Please contact Alcatel-Lucent Sales to purchase additional licenses.		

Table 41-364 LicensedIpPathLimitNearing

Alarm	Attributes	Applicable major releases
Name: LicensedIpPathLimitNearing (716) Type: cpamLicensingAlarm (39) Package: security Raised on class: security.CpamLicense	Severity: warning Implicitly cleared: true Default probable cause: cpamLicensedLimitNearing (283)	Unspecified
Description: The alarm is raised when the number of IP path monitors in the 5650 CPAM reaches 75 to 90 percent of the license capacity.		
Remedial action: Informational - The number of Path Computation Module licenses purchased and available on the CPAM server is insufficient as compared to the number of PCA paths in the network. Please contact Alcatel-Lucent Sales to purchase additional licenses.		

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Table 41-365 LicensedIpPathLimitNearlyExceeded

Alarm	Attributes	Applicable major releases
Name: LicensedIpPathLimitNearlyExceeded (717) Type: cpamLicensingAlarm (39) Package: security Raised on class: security.CpamLicense	Severity: major Implicitly cleared: true Default probable cause: cpamLicensedLimitNearlyExceeded (284)	Unspecified
Description: The alarm is raised when the number of IP path monitors in the 5650 CPAM reaches 90 to 100 percent of the license capacity.		
Remedial action: Informational - The number of Path Computation Module licenses purchased and available on the CPAM server is insufficient as compared to the number of PCA paths in the network. Please contact Alcatel-Lucent Sales to purchase additional licenses.		

Table 41-366 LicensedMcRouterLimitExceeded

Alarm	Attributes	Applicable major releases
Name: LicensedMcRouterLimitExceeded (718) Type: cpamLicensingAlarm (39) Package: security Raised on class: security.CpamLicense	Severity: critical Implicitly cleared: true Default probable cause: cpamLicensedLimitExceeded (285)	Unspecified
Description: The alarm is raised when the number of multicast routers in the 5650 CPAM reaches 100 percent of the license capacity.		
Raising condition: ('isLicensedMcRouterLimitExceeded' EQUAL 'true')		
Clearing condition: ('isLicensedMcRouterLimitExceeded' NOT EQUAL 'true')		
Remedial action: Informational - The number of Multicast Router licenses purchased and available on the CPAM server is insufficient as compared to the number of multicast routers under management in the network. Please contact Alcatel-Lucent Sales to purchase additional licenses.		

Table 41-367 LicensedMcRouterLimitNearing

Alarm	Attributes	Applicable major releases
Name: LicensedMcRouterLimitNearing (719) Type: cpamLicensingAlarm (39) Package: security Raised on class: security.CpamLicense	Severity: warning Implicitly cleared: true Default probable cause: cpamLicensedLimitNearing (283)	Unspecified
Description: The alarm is raised when the number of multicast routers in the 5650 CPAM reaches 75 to 90 percent of the license capacity.		
Remedial action: Informational - The number of Multicast Router licenses purchased and available on the CPAM server is insufficient as compared to the number of multicast routers under management in the network. Please contact Alcatel-Lucent Sales to purchase additional licenses.		

Table 41-368 LicensedMcRouterLimitNearlyExceeded

Alarm	Attributes	Applicable major releases
Name: LicensedMcRouterLimitNearlyExceeded (720) Type: cpamLicensingAlarm (39) Package: security Raised on class: security.CpamLicense	Severity: major Implicitly cleared: true Default probable cause: cpamLicensedLimitNearlyExceeded (284)	Unspecified
Description: The alarm is raised when the number of multicast routers in the 5650 CPAM reaches 90 to 100 percent of the license capacity.		
Remedial action: Informational - The number of Multicast Router licenses purchased and available on the CPAM server is insufficient as compared to the number of multicast routers under management in the network. Please contact Alcatel-Lucent Sales to purchase additional licenses.		

Table 41-369 LicensedSmallRouterLimitExceeded

Alarm	Attributes	Applicable major releases
Name: LicensedSmallRouterLimitExceeded (727) Type: cpamLicensingAlarm (39) Package: security Raised on class: security.CpamLicense	Severity: critical Implicitly cleared: true Default probable cause: cpamLicensedLimitExceeded (285)	Unspecified
Description: The alarm is raised when the number of Alcatel-Lucent small routers in the network reaches 100 percent of the 5650 CPAM license capacity.		
Raising condition: ('isLicensedSmallRouterLimitExceeded' EQUAL 'true')		
Clearing condition: ('isLicensedSmallRouterLimitExceeded' NOT EQUAL 'true')		
Remedial action: Informational - The number of Small Router licenses purchased and available on the CPAM server is insufficient as compared to the number of small routers under management in the network. Please contact Alcatel-Lucent Sales to purchase additional licenses.		

Table 41-370 LicensedSmallRouterLimitNearing

Alarm	Attributes	Applicable major releases
Name: LicensedSmallRouterLimitNearing (728) Type: cpamLicensingAlarm (39) Package: security Raised on class: security.CpamLicense	Severity: warning Implicitly cleared: true Default probable cause: cpamLicensedLimitNearing (283)	Unspecified
Description: The alarm is raised when the number of Alcatel-Lucent small routers in the network reaches 75 to 90 percent of the 5650 CPAM license capacity.		
Remedial action: Informational - The number of Small Router licenses purchased and available on the CPAM server is insufficient as compared to the number of small routers under management in the network. Please contact Alcatel-Lucent Sales to purchase additional licenses.		

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Table 41-371 LicensedSmallRouterLimitNearlyExceeded

Alarm	Attributes	Applicable major releases
Name: LicensedSmallRouterLimitNearlyExceeded (729) Type: cpamLicensingAlarm (39) Package: security Raised on class: security.CpamLicense	Severity: major Implicitly cleared: true Default probable cause: cpamLicensedLimitNearlyExceeded (284)	Unspecified
Description: The alarm is raised when the number of Alcatel-Lucent small routers in the network reaches 90 to 100 percent of the 5650 CPAM license capacity.		
Remedial action: Informational - The number of Small Router licenses purchased and available on the CPAM server is insufficient as compared to the number of small routers under management in the network. Please contact Alcatel-Lucent Sales to purchase additional licenses.		

Table 41-372 licenseExpiration

Alarm	Attributes	Applicable major releases
Name: licenseExpiration (2911) Type: configurationAlarm (11) Package: ranlicense Raised on class: ranlicense.RANLicense	Severity: variable Implicitly cleared: true Default probable cause: licenseExpired (1117)	Unspecified
Description: The alarm is raised when a RAN license expires.		
Remedial action: Provide a new LKDI license file with a further expiration date.		

Table 41-373 LicenseMismatch

Alarm	Attributes	Applicable major releases
Name: LicenseMismatch (693) Type: cpamLicensingAlarm (39) Package: security Raised on class: security.CpamLicense	Severity: critical Implicitly cleared: false Default probable cause: cpamLicenseMismatch (507)	Unspecified
Description: The alarm is raised when the primary 5650 CPAM server license does not match the standby 5650 CPAM server license.		
Remedial action: Informational - Please ensure that the same license key is installed on both the active and standby SAM/CPAM servers		

Table 41-374 liDestinationChangeReject

Alarm	Attributes	Applicable major releases
Name: liDestinationChangeReject (551) Type: ConfigurationAlarm (15) Package: mirrorli Raised on class: mirrorli.LIMirrorSiteCfg	Severity: warning Implicitly cleared: false Default probable cause: tMirrorDestinationChangeReject (421)	Unspecified
Description: The alarm is raised when an operator tries to modify a mirror destination that is in use by an LI mirror.		
Remedial action: Informational - no corrective action required.		

Table 41-375 liDestinationEnabled

Alarm	Attributes	Applicable major releases
Name: liDestinationEnabled (550) Type: ConfigurationAlarm (15) Package: mirrorli Raised on class: mirrorli.LIMirrorSiteCfg	Severity: warning Implicitly cleared: false Default probable cause: tMirrorDestinationEnabled (420)	Unspecified
Description: The alarm is raised when a mirror destination Operational State changes from Down to Up.		
Remedial action: Informational - no corrective action required.		

Table 41-376 LIF

Alarm	Attributes	Applicable major releases
Name: LIF (804) Type: communicationsAlarm (4) Package: mpr Raised on class: mpr.IMALink	Severity: major Implicitly cleared: true Default probable cause: lossOfIMAFrame (570)	Unspecified
Description: The alarm is raised when a Loss of IMA Frame signal is detected on an ASAP MDA.		
Remedial action: Please refer to the 9500 Node Maintenance manual for remedial action information.		

Table 41-377 liFilterAssignToltfWarn

Alarm	Attributes	Applicable major releases
Name: liFilterAssignToltfWarn (556) Type: ConfigurationAlarm (15) Package: mirrorli Raised on class: mirrorli.LIMirrorSiteCfg	Severity: warning Implicitly cleared: false Default probable cause: tMirrorFilterAssignToltfWarn (426)	Unspecified

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Alarm	Attributes	Applicable major releases
Description: The alarm is raised when an operator tries to assign a filter that is in use by LI to an interface.		
Remedial action: Informational - no corrective action required.		

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Table 41-378 liFilterAssignToSapWarn

Alarm	Attributes	Applicable major releases
Name: liFilterAssignToSapWarn (554) Type: ConfigurationAlarm (15) Package: mirrorli Raised on class: mirrorli.LIMirrorSiteCfg	Severity: warning Implicitly cleared: false Default probable cause: tMirrorFilterAssignToSapWarn (424)	Unspecified
Description: The alarm is raised when an operator tries to assign a filter that is in use by LI to a SAP.		
Remedial action: Informational - no corrective action required.		

Table 41-379 liFilterAssignToSdpWarn

Alarm	Attributes	Applicable major releases
Name: liFilterAssignToSdpWarn (555) Type: ConfigurationAlarm (15) Package: mirrorli Raised on class: mirrorli.LIMirrorSiteCfg	Severity: warning Implicitly cleared: false Default probable cause: tMirrorFilterAssignToSdpWarn (425)	Unspecified
Description: The alarm is raised when an operator tries to assign a filter that is in use by LI to an SDP.		
Remedial action: Informational - no corrective action required.		

Table 41-380 LinkAggMemberMisconfigured

Alarm	Attributes	Applicable major releases
Name: LinkAggMemberMisconfigured (652) Type: InkaggAlarm (56) Package: lag Raised on class: lag.Interface	Severity: critical Implicitly cleared: true Default probable cause: lagMemberMisconfigured (483)	Unspecified
Description: The alarm is raised when one or more misconfigured LAG members are detected, for example, when some LAG members are in access mode and some are in network mode.		
Remedial action: A configuration error has occurred which must be corrected. The configuration of the LAG port member should be checked and the configuration error corrected,		

Table 41-381 LinkAggModeMisconfigured

Alarm	Attributes	Applicable major releases
Name: LinkAggModeMisconfigured (653) Type: InkaggAlarm (56) Package: lag Raised on class: lag.Interface	Severity: critical Implicitly cleared: true Default probable cause: lagModeMisconfigured (484)	Unspecified
Description: The alarm is raised when the LAG mode differs from the mode of one or more LAG members, for example, when the LAG mode is access and the LAG members are in network mode.		
Remedial action: A configuration error has occurred which must be corrected. The configuration of the LAG port member should be checked and the configuration error corrected,		

Table 41-382 LinkAggPortJoin

Alarm	Attributes	Applicable major releases
Name: LinkAggPortJoin (654) Type: InkaggAlarm (56) Package: lag Raised on class: lag.Interface	Severity: info Implicitly cleared: false Default probable cause: lagPortJoin (485)	Unspecified
Description: The alarm is raised when a LAG port joins a LAG by entering the attached state.		
Remedial action: Informational.		

Table 41-383 LinkAggPortLeave

Alarm	Attributes	Applicable major releases
Name: LinkAggPortLeave (655) Type: InkaggAlarm (56) Package: lag Raised on class: lag.Interface	Severity: info Implicitly cleared: false Default probable cause: lagPortLeave (486)	Unspecified
Description: The alarm is raised when a LAG port leaves a LAG by exiting the attached state.		
Remedial action: Informational.		

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Table 41-384 LinkAggPortRemove

Alarm	Attributes	Applicable major releases
Name: LinkAggPortRemove (656) Type: InkaggAlarm (56) Package: lag Raised on class: lag.Interface	Severity: warning Implicitly cleared: false Default probable cause: lagPortRemove (487)	Unspecified
Description: The alarm is raised when a LAG port is removed from a LAG because of an invalid configuration.		
Remedial action: A configuration error has occurred which must be corrected. Please check the configuration of the port in question.		

Table 41-385 LinkDown (optical)

Alarm	Attributes	Applicable major releases
Name: LinkDown (12) Type: communicationsAlarm (4) Package: optical Raised on class: optical.OpticalLink	Severity: critical Implicitly cleared: true Default probable cause: OperationalStateDown (1963)	Unspecified
Description: The alarm is raised when any of the Optical Link end point is operationally down.		
Remedial action: Informational - If the alarm persists or is occurring frequently then investigation is required by looking at the active alarms on the Link End points to understand why the underlying transport network is unreliable.		

Table 41-386 LinkIdentifierMismatch (mwa)

Alarm	Attributes	Applicable major releases
Name: LinkIdentifierMismatch (686) Type: communicationsAlarm (4) Package: mwa Raised on class: mwa.PortTermination	Severity: variable Implicitly cleared: true Default probable cause: LinkIdentifierMismatch (1916)	Unspecified
Description: The alarm is raised when a MPT detects a link identifier mismatch.		
Remedial action: Please refer to either 9500 or 7705 Node Maintenance manual for remedial action information.		

Table 41-387 LinkIdentifierMismatch (radioequipment)

Alarm	Attributes	Applicable major releases
Name: LinkIdentifierMismatch (686) Type: communicationsAlarm (4) Package: radioequipment Raised on class: radioequipment.RadioPortSpecifics	Severity: variable Implicitly cleared: true Default probable cause: linkIdentifierMismatch (501)	Unspecified
Description: The alarm is raised when an MSS detects a link identifier mismatch.		
Remedial action: Please refer to the 9500 Node Maintenance manual for remedial action information.		

Table 41-388 liSourceDisabled

Alarm	Attributes	Applicable major releases
Name: liSourceDisabled (563) Type: ConfigurationAlarm (15) Package: mirrorli Raised on class: mirrorli.LISourceCfg	Severity: warning Implicitly cleared: false Default probable cause: tMirrorSourceDisabled (433)	Unspecified
Description: The alarm is raised when an LI mirror source Operational State changes from Up to Down.		
Remedial action: Informational - no corrective action required.		

Table 41-389 liSourceEnabled

Alarm	Attributes	Applicable major releases
Name: liSourceEnabled (562) Type: ConfigurationAlarm (15) Package: mirrorli Raised on class: mirrorli.LISourceCfg	Severity: warning Implicitly cleared: false Default probable cause: tMirrorSourceEnabled (432)	Unspecified
Description: The alarm is raised when an LI mirror source Operational State changes from Down to Up.		
Remedial action: Informational - no corrective action required.		

Table 41-390 liSourceFilterAssignReject

Alarm	Attributes	Applicable major releases
Name: liSourceFilterAssignReject (557) Type: ConfigurationAlarm (15) Package: mirrorli Raised on class: mirrorli.LIMgmtSite	Severity: warning Implicitly cleared: false Default probable cause: tMirrorSourceFilterAssignReject (427)	Unspecified

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Alarm	Attributes	Applicable major releases
Description: The alarm is raised when an operator tries to modify a filter that is in use by LI.		
Remedial action: Informational - no corrective action required.		

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Table 41-391 liSourceFilterAssignWarn

Alarm	Attributes	Applicable major releases
Name: liSourceFilterAssignWarn (559) Type: ConfigurationAlarm (15) Package: mirrorli Raised on class: mirrorli.LIMgmtSite	Severity: warning Implicitly cleared: false Default probable cause: tMirrorSourceFilterAssignWarn (429)	Unspecified
Description: The alarm is raised when an operator assigns a mirror filter that is in use by LI and the assignment may be overruled.		
Remedial action: Informational - no corrective action required.		

Table 41-392 liSourceFilterChanged

Alarm	Attributes	Applicable major releases
Name: liSourceFilterChanged (3313) Type: ConfigurationAlarm (15) Package: mirrorli Raised on class: mirrorli.LIMgmtSite	Severity: warning Implicitly cleared: false Default probable cause: tMirrorSourceLiFilterChanged (1152)	Unspecified
Description: The alarm is raised when a parameter of a filter which is referenced by Lawful Intercept (LI), or a parameter of one of its entry is changed. This notification may be triggered only if the LI filter lock is overruled, and one of the following actions occurs: -a filter referenced by LI has been deleted. -one of the parameters (default-action, scope) of a filter which is referenced by LI has been changed. -a filter which is referenced by LI is overwritten. -a new entry is created for a filter which is referenced by LI. -an entry of a filter which is referenced by LI is activated. -an entry is removed from a filter which is referenced by LI. -an entry of a filter which is referenced by LI is renumbered. -one of the parameters of an entry in a filter which is referenced by LI is changed.		
Remedial action: Informational - no corrective action required.		

Table 41-393 liSourceFilterOverruled

Alarm	Attributes	Applicable major releases
Name: liSourceFilterOverruled (558) Type: ConfigurationAlarm (15) Package: mirrorli Raised on class: mirrorli.LIMgmtSite	Severity: warning Implicitly cleared: false Default probable cause: tMirrorSourceFilterOverruled (428)	Unspecified
Description: The alarm is raised when the assignment of a mirror filter is overruled by another filter assignment.		
Remedial action: Informational - no corrective action required.		

Table 41-394 liSourceIP6FltrChangeReject

Alarm	Attributes	Applicable major releases
Name: liSourceIP6FltrChangeReject (4377) Type: ConfigurationAlarm (15) Package: mirrorli Raised on class: mirrorli.LIMirrorSiteCfg	Severity: warning Implicitly cleared: false Default probable cause: tMirrorSourceIP6FltrChangeReject (1562)	Unspecified
Description: The alarm is raised when an operator tries to modify an IPv6 filter or an IPv6 filter entry that is in use by LI.		
Remedial action: Informational - no corrective action required.		

Table 41-395 liSourceIPFltrChangeReject

Alarm	Attributes	Applicable major releases
Name: liSourceIPFltrChangeReject (552) Type: ConfigurationAlarm (15) Package: mirrorli Raised on class: mirrorli.LIMirrorSiteCfg	Severity: warning Implicitly cleared: false Default probable cause: tMirrorSourceIPFltrChangeReject (422)	Unspecified
Description: The alarm is raised when an operator tries to modify an IP filter or an IP filter entry that is in use by LI.		
Remedial action: Informational - no corrective action required.		

Table 41-396 liSourceMacFltrChangeReject

Alarm	Attributes	Applicable major releases
Name: liSourceMacFltrChangeReject (553) Type: ConfigurationAlarm (15) Package: mirrorli Raised on class: mirrorli.LIMirrorSiteCfg	Severity: warning Implicitly cleared: false Default probable cause: tMirrorSourceMacFltrChangeReject (423)	Unspecified
Description: The alarm is raised when an operator tries to modify a MAC filter or a MAC filter entry that is in use by LI.		
Remedial action: Informational - no corrective action required.		

Table 41-397 liSourceSapChange

Alarm	Attributes	Applicable major releases
Name: liSourceSapChange (560) Type: ConfigurationAlarm (15) Package: mirrorli Raised on class: mirrorli.LISourceInterface	Severity: warning Implicitly cleared: false Default probable cause: tMirrorSourceSapChange (430)	Unspecified

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Alarm	Attributes	Applicable major releases
Description: The alarm is raised when a SAP that is associated with LI is modified or deleted.		
Remedial action: Informational - no corrective action required.		

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Table 41-398 liSourceSubscriberChange

Alarm	Attributes	Applicable major releases
Name: liSourceSubscriberChange (561) Type: ConfigurationAlarm (15) Package: mirrorli Raised on class: mirrorli.LISourceSubscriberHost	Severity: warning Implicitly cleared: false Default probable cause: tMirrorSourceSubChange (431)	Unspecified
Description: The alarm is raised when a subscriber that is associated with LI is modified or deleted.		
Remedial action: Informational - no corrective action required.		

Table 41-399 LocalRadioTxMuteAbnormalState

Alarm	Attributes	Applicable major releases
Name: LocalRadioTxMuteAbnormalState (3941) Type: localRadioTxMuteABNAlarm (117) Package: radioequipment Raised on class: radioequipment.RadioPortSpecifics	Severity: variable Implicitly cleared: true Default probable cause: LocalRadioTxMuteABNProblem (1523)	Unspecified
Description: The alarm is raised when abnormal state resulted due to local radio Tx is muted manually.		
Remedial action: The alarm is raised when abnormal state resulted due to local radio Tx is muted manually.		

Table 41-400 LODS

Alarm	Attributes	Applicable major releases
Name: LODS (805) Type: communicationsAlarm (4) Package: mpr Raised on class: mpr.IMALink	Severity: major Implicitly cleared: true Default probable cause: lossOfDelaySynchronization (571)	Unspecified
Description: The alarm is raised when a Loss of Delay Synchronization signal is detected on an ASAP MDA.		
Remedial action: Please refer to the 9500 Node Maintenance manual for remedial action information.		

Table 41-401 LoopbackActivateAbnormalState (equipment)

Alarm	Attributes	Applicable major releases
Name: LoopbackActivateAbnormalState (3942) Type: loopbackActivateABNAlarm (118) Package: equipment Raised on class: equipment.Port	Severity: variable Implicitly cleared: true Default probable cause: LoopbackActivateABNProblem (1524)	Unspecified
Description: The alarm is raised when abnormal state resulted due to loopback activated.		
Remedial action: The alarm is raised when abnormal state resulted due to manual loopback activation by user.		

Table 41-402 LoopbackActivateAbnormalState (radioequipment)

Alarm	Attributes	Applicable major releases
Name: LoopbackActivateAbnormalState (3942) Type: loopbackActivateABNAlarm (118) Package: radioequipment Raised on class: radioequipment.RadioPortSpecifics	Severity: variable Implicitly cleared: true Default probable cause: LoopbackActivateABNProblem (1524)	Unspecified
Description: The alarm is raised when abnormal state resulted due to loopback activated.		
Remedial action: The alarm is raised when abnormal state resulted due to manual loopback activation by user.		

Table 41-403 LoopProblem

Alarm	Attributes	Applicable major releases
Name: LoopProblem (1145) Type: communicationsAlarm (4) Package: radioequipment Raised on class: radioequipment.RadioPortSpecifics	Severity: variable Implicitly cleared: true Default probable cause: loopProblem (851)	Unspecified
Description: The alarm is raised when there is a loss of communication command path between far end transmitter and local receiver .		
Remedial action: Please refer to the 9500 Node Maintenance manual for remedial action information.		

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Table 41-404 LossOfAlignment

Alarm	Attributes	Applicable major releases
Name: LossOfAlignment (629) Type: communicationsAlarm (4) Package: equipment Raised on class: equipment.Equipment	Severity: variable Implicitly cleared: true Default probable cause: lossOfAlignment (468)	Unspecified
Description: The alarm is raised when a Loss of Alignment signal is detected.		
Remedial action: One of the following conditions exists on the referenced physical interface which must be corrected. A cable/fiber fault exists which must be corrected - check to ensure that the cable is not faulty and is properly connected. The port is faulty - run diagnostics on the port to determine the nature of the fault. If the problem cannot be resolved swap the card containing the port with a card which is known be functional.		

Table 41-405 LossOfCESoEthFrames

Alarm	Attributes	Applicable major releases
Name: LossOfCESoEthFrames (1168) Type: communicationsAlarm (4) Package: equipment Raised on class: equipment.Port	Severity: variable Implicitly cleared: true Default probable cause: lossOfCESoEthFrames (870)	Unspecified
Description: The alarm is raised when an Ethernet frame loss is detected on a CES.		
Remedial action: Please refer to the 9500 Node Maintenance manual for remedial action information.		

Table 41-406 LossOfESMC

Alarm	Attributes	Applicable major releases
Name: LossOfESMC (2939) Type: communicationsAlarm (4) Package: equipment Raised on class: equipment.Equipment	Severity: variable Implicitly cleared: true Default probable cause: lossOfESMC (1131)	Unspecified
Description: The alarm is raised when a loss of ESMC signal failure is detected.		
Remedial action: One of the following conditions exists on the referenced physical interface which must be corrected. A cable/fiber fault exists which must be corrected - check to ensure that the cable is not faulty and is properly connected. The port is faulty - run diagnostics on the port to determine the nature of the fault. If the problem cannot be resolved swap the card containing the port with a card which is known be functional.		

Table 41-407 LossOfFrame (equipment)

Alarm	Attributes	Applicable major releases
Name: LossOfFrame (630) Type: communicationsAlarm (4) Package: equipment Raised on class: equipment.Port	Severity: variable Implicitly cleared: true Default probable cause: lossOfFrame (97)	Unspecified
Description: The alarm is raised when an LOF is detected on a port.		
Remedial action: Please refer to the 9500 Node Maintenance manual for remedial action information.		

Table 41-408 LossOfPointer

Alarm	Attributes	Applicable major releases
Name: LossOfPointer (3623) Type: communicationsAlarm (4) Package: equipment Raised on class: equipment.Port	Severity: variable Implicitly cleared: true Default probable cause: lossOfPointer (612)	Unspecified
Description: The alarm is raised when a loss of pointer occurs		
Remedial action: One of the following conditions exists on the referenced physical interface which must be corrected. A cable/fiber fault exists which must be corrected - check to ensure that the cable is not faulty and is properly connected. The port is faulty - run diagnostics on the port to determine the nature of the fault. If the problem cannot be resolved swap the card containing the port with a card which is known be functional.		

Table 41-409 LossOfProtection (equipment)

Alarm	Attributes	Applicable major releases
Name: LossOfProtection (1169) Type: communicationsAlarm (4) Package: equipment Raised on class: equipment.Port	Severity: variable Implicitly cleared: true Default probable cause: lossOfProtection (871)	Unspecified
Description: The alarm is raised when an MPT radio protection loss occurs.		
Remedial action: Please refer to the 9500 Node Maintenance manual for remedial action information.		

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Table 41-410 LossOfProtection (mpr)

Alarm	Attributes	Applicable major releases
Name: LossOfProtection (1169) Type: communicationsAlarm (4) Package: mpr Raised on class: mpr.VlanPathInstance	Severity: variable Implicitly cleared: true Default probable cause: lossOfProtection (871)	Unspecified
Description: The alarm is raised when a Loss of Protection occurs		
Remedial action: Please refer to the 9500 Node Maintenance manual for remedial action information.		

Table 41-411 LossOfRadioFrame

Alarm	Attributes	Applicable major releases
Name: LossOfRadioFrame (4828) Type: communicationsAlarm (4) Package: mwa Raised on class: mwa.PortTermination	Severity: variable Implicitly cleared: true Default probable cause: LossOfFrame (1904)	Unspecified
Description: The alarm is raised when a MPT detects a Loss of Radio Frame from Radio Path		
Remedial action: Please refer to either 9500 or 7705 Node Maintenance manual for remedial action information.		

Table 41-412 LossOfRadioFramesAlignment

Alarm	Attributes	Applicable major releases
Name: LossOfRadioFramesAlignment (4829) Type: communicationsAlarm (4) Package: mwa Raised on class: mwa.PortTermination	Severity: variable Implicitly cleared: true Default probable cause: LossOfAlignment (1917)	Unspecified
Description: The alarm is raised when a MPT detects a Loss of Radio Frames Alignment		
Remedial action: Please refer to either 9500 or 7705 Node Maintenance manual for remedial action information.		

Table 41-413 LossOfSignal (equipment)

Alarm	Attributes	Applicable major releases
Name: LossOfSignal (631) Type: communicationsAlarm (4) Package: equipment Raised on class: equipment.Port	Severity: variable Implicitly cleared: true Default probable cause: lossOfSignal (99)	Unspecified

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Alarm	Attributes	Applicable major releases
Description: The alarm is raised when a Loss of Signal is detected on a port.		
Remedial action: Please refer to the 9500 Node Maintenance manual for remedial action information.		

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Table 41-414 LowSwitchFabricCap

Alarm	Attributes	Applicable major releases
Name: LowSwitchFabricCap (5178) Type: hardwareAnomaly (55) Package: equipment Raised on class: equipment.Card	Severity: major Implicitly cleared: true Default probable cause: LowSwitchFabricCapacity (2094)	Unspecified
Description: The alarm is raised when the total switch fabric capacity becomes less than the line card capacity due to link failures. At least one of the taps on the Card is below 100% capacity.		
Remedial action: 1. Make sure that the hardware switching fabric capacity is more than the line card capacity. 2. Please reboot the card and check if it resolves the problem. If problem persists after reboot, please contact Alcatel-Lucent support for assistance.		

Table 41-415 LpsLearnMac

Alarm	Attributes	Applicable major releases
Name: LpsLearnMac (519) Type: learnedPortSecurityAlarm (51) Package: lps Raised on class: lps.LearnedPortSecurity	Severity: warning Implicitly cleared: true Default probable cause: portLearnedBridgedMAC (394)	Unspecified
Description: The alarm is raised when an LPS port learns a bridged MAC address.		
Remedial action: Informational - no corrective action required.		

Table 41-416 LpsPortUpAfterLearningWindowExpired

Alarm	Attributes	Applicable major releases
Name: LpsPortUpAfterLearningWindowExpired (517) Type: learnedPortSecurityAlarm (51) Package: lps Raised on class: lps.LPSConfiguration	Severity: warning Implicitly cleared: true Default probable cause: portUpAfterLearningWindowExpired (392)	Unspecified
Description: The alarm is raised either when an LPS port is enabled after the learning window expires and MAC address learning on the port is disabled, or when the learning window expires with slice and port values of 0.		
Remedial action: Informational - no corrective action required.		

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Table 41-417 LsdbOverflow

Alarm	Attributes	Applicable major releases
Name: LsdbOverflow (53) Type: equipmentAlarm (3) Package: ospf Raised on class: ospf.Site	Severity: major Implicitly cleared: false Default probable cause: resourceFull (53)	Unspecified
Description: The alarm is raised when the number of received external LSAs exceeds the configured number allowed. By default, there is no limit. The alarm information includes the configured LSDB limit and one of the following LSDB overflow states: - 0, which means no overflow - 1, which means nearing limit - 2, which means limit exceeded		
Remedial action: Informational - the number of received external LSAs exceeds the configured number allowed. The alarm will also be raised when external LSAs is nearing limit.		

Table 41-418 LudbDhcpHostGroupIfTooLong

Alarm	Attributes	Applicable major releases
Name: LudbDhcpHostGroupIfTooLong (4627) Type: LudbDhcpHostGroupIfTooLongAlarm (129) Package: localuserdb Raised on class: localuserdb.DhcpHost	Severity: major Implicitly cleared: false Default probable cause: ludbDhcpHostGroupIfTooLong (1895)	Unspecified
Description: The alarm is raised when the default MSAP group interface name of a DHCP Host, concatenated with the port ID is longer than 32 characters.		
Remedial action: The string configured in DHCP Host as default MSAP Group Interface Name concatenated with the port-id is longer than 32 characters. It is an invalid configuration since it exceeds the length allowed for a Group Interface Name. (Please) Reconfigure the MSAP Group Interface Name or refer to the Local User Database documentation for assistance.		

Table 41-419 LudbPppHostGroupIfTooLong

Alarm	Attributes	Applicable major releases
Name: LudbPppHostGroupIfTooLong (4628) Type: LudbPppHostGroupIfTooLongAlarm (130) Package: localuserdb Raised on class: localuserdb.PppHost	Severity: major Implicitly cleared: false Default probable cause: ludbPppHostGroupIfTooLong (1896)	Unspecified
Description: The alarm is raised when the default MSAP group interface name of a PPP host, concatenated with the port ID is longer than 32 characters.		
Remedial action: The string configured in PPP Host as default MSAP Group Interface Name concatenated with the port-id is longer than 32 characters. It is an invalid configuration since it exceeds the length allowed for a Group Interface Name. (Please) Reconfigure the MSAP Group Interface Name or refer to the Local User Database documentation for assistance.		

Table 41-420 MacAccountingLimitReached (rtr)

Alarm	Attributes	Applicable major releases
Name: MacAccountingLimitReached (4907) Type: macAccountingAlarm (132) Package: rtr Raised on class: rtr.NetworkInterface	Severity: warning Implicitly cleared: true Default probable cause: macAccountingLimitReached (1964)	Unspecified
Description: The alarm is raised when the system detects that the MAC accounting table is full.		
Remedial action: This alarm can be cleared when the used MAC entries are deleted by disabling MAC accounting on a particular interface or through manual intervention with a user command such as clear router interface mac.		

Table 41-421 MacAccountingLimitReached (service)

Alarm	Attributes	Applicable major releases
Name: MacAccountingLimitReached (4907) Type: macAccountingAlarm (132) Package: service Raised on class: service.L3AccessInterface	Severity: warning Implicitly cleared: true Default probable cause: macAccountingLimitReached (1964)	Unspecified
Description: The alarm is raised when the system detects that the MAC accounting table is full.		
Remedial action: This alarm can be cleared when the used MAC entries are deleted by disabling MAC accounting on a particular interface or through manual intervention with a user command such as clear router interface mac.		

Table 41-422 MacPinningViolation

Alarm	Attributes	Applicable major releases
Name: MacPinningViolation (443) Type: serviceAlarm (16) Package: vpls Raised on class: vpls.AbstractSite	Severity: warning Implicitly cleared: false Default probable cause: macAddressPinned (348)	Unspecified
Description: The alarm is raised when an attempt is made to assign a pinned MAC address to another L2 access interface or spoke SDP binding in an M-VPLS or VPLS.		
Remedial action: Use a MAC address that is not already pinned.		

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Table 41-423 ManagedRouteAddFailed

Alarm	Attributes	Applicable major releases
Name: ManagedRouteAddFailed (5130) Type: processingErrorAlarm (81) Package: rtr Raised on class: rtr.RoutingInstanceSite	Severity: minor Implicitly cleared: false Default probable cause: tmnxVRtrManagedRouteAddFailed (2060)	Unspecified
Description: The alarm is raised when a managed route could not be installed.		
Remedial action: Check the additional text of the alarm for more details.		

Table 41-424 ManagedRouteFailedRetryThresholdCrossed

Alarm	Attributes	Applicable major releases
Name: ManagedRouteFailedRetryThresholdCrossed (397) Type: topologyAlarm (34) Package: topology Raised on class: topology.RouteManager	Severity: major Implicitly cleared: true Default probable cause: managedRouteCouldNotBeSetup (298)	Unspecified
Description: The alarm is raised when the 5650 CPAM cannot set up a managed route after the number of attempts specified by the cpamManagedRoute problematicThresholdAlarmAfter value in the nms-server.xml file. The alarm is raised if the cpamManagedRoute problematicRetryStrategy value in nms-server.xml is set to countdown. The alarm is not raised if the problematicRetryStrategy value is set to the default of reactive.		
Remedial action: Informational - The Retry strategy can be modified in nms-server.xml. This alarm is not raised for the default retry strategy, reactive.		

Table 41-425 ManagedRouteRetryAttemptsExhausted

Alarm	Attributes	Applicable major releases
Name: ManagedRouteRetryAttemptsExhausted (398) Type: topologyAlarm (34) Package: topology Raised on class: topology.RouteManager	Severity: major Implicitly cleared: false Default probable cause: managedRouteCouldNotBeSetup (298)	Unspecified
Description: The alarm is raised when the 5650 CPAM stops trying to set up a managed route after the number of attempts specified by the cpamManagedRoute problematicDeadAfter value in the nms-server.xml file. The alarm is raised if the cpamManagedRoute problematicRetryStrategy value in nms-server.xml is set to countdown. The alarm is not raised if the problematicRetryStrategy value is set to the default value of reactive.		
Remedial action: Informational - The Retry strategy can be modified in nms-server.xml. This alarm is not raised for the default retry strategy, reactive.		

Table 41-426 ManagementVlanConflict

Alarm	Attributes	Applicable major releases
Name: ManagementVlanConflict (215) Type: configurationAlarm (11) Package: vlan Raised on class: vlan.Vlan	Severity: warning Implicitly cleared: true Default probable cause: topologyMisconfigured (81)	Unspecified
Description: The alarm is raised when a management VLAN ID is in use by another service type.		
Raising condition: ('managementVlanConflict' EQUAL 'true')		
Clearing condition: ('managementVlanConflict' EQUAL 'false')		
Remedial action: Ensure that the VLAN ID of this Management Service is not used on any other type of VLAN Service.		

Table 41-427 ManualCpaaSwitchover

Alarm	Attributes	Applicable major releases
Name: ManualCpaaSwitchover (5143) Type: configurationAlarm (11) Package: topology Raised on class: topology.Cpaa	Severity: warning Implicitly cleared: false Default probable cause: CPAASwitchover (2066)	Unspecified
Description: The alarm is raised when an operator has manually initiated a switchover. This alarm is not self clearing. Another switchover will not be permitted for 10 mins.		
Remedial action: Manual Switchover has been executed.		

Table 41-428 MaxFecLimitReached

Alarm	Attributes	Applicable major releases
Name: MaxFecLimitReached (6448) Type: processingErrorAlarm (81) Package: ldp Raised on class: ldp.Peer	Severity: major Implicitly cleared: true Default probable cause: MaxFecLimitReached (2448)	Unspecified
Description: The alarm is raised when the number of FECs accepted from the peer has reached the value specified by fecLimit. The alarm is cleared when a new MaxFecThresholdChange notification is received.		
Remedial action: Number of FECs accepted from the peer has reached the value specified by FEC Limit. Appropriate configuration changes in local or peer LSR will be required.		

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Table 41-429 MaxFecThresholdChange

Alarm	Attributes	Applicable major releases
Name: MaxFecThresholdChange (6449) Type: processingErrorAlarm (81) Package: ldp Raised on class: ldp.Peer	Severity: warning Implicitly cleared: true Default probable cause: MaxFecThresholdChange (2449)	Unspecified
Description: The alarm is raised when the number of FECs accepted from the peer has exceeded the threshold percent of the value specified by fecLimit. The alarm is cleared when the number of FECs received drops below the threshold percent of the value specified by fecLimit.		
Remedial action: Number of FECs accepted from the peer has exceeded or dropped below the threshold percent of the value specified by FEC Limit. Appropriate configuration changes in local or peer LSR will be required.		

Table 41-430 MaxNumExportRoutesReached

Alarm	Attributes	Applicable major releases
Name: MaxNumExportRoutesReached (1116) Type: ProtocolAlarm (1) Package: vprn Raised on class: vprn.AbstractSite	Severity: minor Implicitly cleared: true Default probable cause: MaxNumExportRoutesReached (828)	Unspecified
Description: The alarm is raised when the number of routes exported from a route table to a VRF reaches the configured maximum.		
Remedial action: Informational. The threshold configured should be revisited to ensure that it is not set to low given the number of routes that are being received. If the threshold is set close to the maximum number of routes supported by the NE then it is probable that there is an issue with another NE or VRF instance in the network. If the problem persists please contact Alcatel-Lucent support for assistance.		

Table 41-431 MaxNumIpv6RoutesReached

Alarm	Attributes	Applicable major releases
Name: MaxNumIpv6RoutesReached (505) Type: ProtocolAlarm (1) Package: l3fwd Raised on class: l3fwd.ServiceSite	Severity: major Implicitly cleared: true Default probable cause: MaxNumIpv6RouteReached (389)	Unspecified
Description: The alarm is raised when the number of IPv6 routes in a VPRN exceeds the configured maximum.		
Remedial action: The number of IPv6 routes has exceeded the configured maximum for the VPRN - the route table must be examined to ensure that all of the routes in the table are valid and not the result of a misconfiguration in the VPRN service. If all of the routes appear to be valid then the value used as the maximum value should be revisited.		

Table 41-432 MaxNumMcastRoutes

Alarm	Attributes	Applicable major releases
Name: MaxNumMcastRoutes (206) Type: ProtocolAlarm (1) Package: I3fwd Raised on class: I3fwd.Site	Severity: major Implicitly cleared: true Default probable cause: MaxNumMcastRoutesReached (160)	Unspecified
Description: The alarm is raised when the number of multicast routes in a VPRN exceeds the configured maximum.		
Remedial action: Informational. The number of multicast routes in a VPRN exceeds the configured maximum. The value used as the threshold value should be revisited.		

Table 41-433 MaxNumRoutesReached

Alarm	Attributes	Applicable major releases
Name: MaxNumRoutesReached (1198) Type: ProtocolAlarm (1) Package: I3fwd Raised on class: I3fwd.ServiceSite	Severity: major Implicitly cleared: false Default probable cause: MaxNumRoutesReached (898)	Unspecified
Description: The alarm is raised when the number of routes in a VPRN reaches the maximum number of routes specified in the VPRN configuration. The alarm information includes the number of routes, the specified maximum, and the route type, which is either IPv4 or IPv6.		
Remedial action: Informational. The threshold configured should be revisited to ensure that it is not set to low given the number of routes that are being received. If the threshold is set close to the maximum number of routes supported by the NE then it is probable that there is an issue with another NE or VRF instance in the network. If the problem persists please contact Alcatel-Lucent support for assistance.		

Table 41-434 MaxNumV6ExportRoutesReached

Alarm	Attributes	Applicable major releases
Name: MaxNumV6ExportRoutesReached (4398) Type: ProtocolAlarm (1) Package: vprn Raised on class: vprn.AbstractSite	Severity: minor Implicitly cleared: true Default probable cause: MaxNumV6ExportRoutesReached (1575)	Unspecified
Description: The alarm is raised when the number of IPv6 routes exported from a route table to a VRF reaches the configured maximum.		
Remedial action: Informational. The threshold configured should be revisited to ensure that it is not set to low given the number of routes that are being received. If the threshold is set close to the maximum number of routes supported by the NE then it is probable that there is an issue with another NE or VRF instance in the network. If the problem persists please contact Alcatel-Lucent support for assistance.		

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Table 41-435 MaxPdnConnections

Alarm	Attributes	Applicable major releases
Name: MaxPdnConnections (4795) Type: EpcAlarm (59) Package: lte Raised on class: lte.PdnApn	Severity: major Implicitly cleared: true Default probable cause: thresholdCrossed (12)	Unspecified
Description: The alarm is generated when the maximum number of Packet Data Network (PDN) connections for this Access Point Name (APN) on the gateway is reached.		
Remedial action: Maximum number of PDN connections for this APN on the gateway is reached. To accept new PDN connections, system has to wait until the number of PDN connections goes below the value of PdnApnMaxPdnConnections.		

Table 41-436 McacPolicyDropped (igmp)

Alarm	Attributes	Applicable major releases
Name: McacPolicyDropped (341) Type: communicationsAlarm (4) Package: igmp Raised on class: igmp.Interface	Severity: major Implicitly cleared: false Default probable cause: igmpGroupOnSapDropped (246)	Unspecified
Description: The alarm is raised when an IGMP group is dropped because a multicast CAC policy is applied.		
Remedial action: Informational - no corrective action required.		

Table 41-437 McacPolicyDropped (pim)

Alarm	Attributes	Applicable major releases
Name: McacPolicyDropped (341) Type: communicationsAlarm (4) Package: pim Raised on class: pim.Interface	Severity: major Implicitly cleared: false Default probable cause: pimGroupOnSapDropped (266)	Unspecified
Description: The alarm is raised when a PIM group is dropped because a multicast CAC policy is applied.		
Remedial action: Informational only.		

Table 41-438 McacPolicyDropped (svt)

Alarm	Attributes	Applicable major releases
Name: McacPolicyDropped (341) Type: communicationsAlarm (4) Package: svt Raised on class: svt.SdpBindingIgmppSnpgCfg	Severity: major Implicitly cleared: false Default probable cause: igmpGroupOnSdpBindDropped (265)	Unspecified
Description: The alarm is raised when an IGMP group is dropped because a multicast CAC policy is applied to an SDP binding.		
Remedial action: Informational only.		

Table 41-439 McacPolicyDropped (vpls)

Alarm	Attributes	Applicable major releases
Name: McacPolicyDropped (341) Type: communicationsAlarm (4) Package: vpls Raised on class: vpls.L2AccessInterfaceIgmppSnpgCfg	Severity: major Implicitly cleared: false Default probable cause: igmpGroupOnSapDropped (246)	Unspecified
Description: The alarm is raised when an IGMP group is removed from a SAP because a multicast CAC policy is applied.		
Remedial action: Informational only.		

Table 41-440 McastRoutesMidLevelThresholdReached

Alarm	Attributes	Applicable major releases
Name: McastRoutesMidLevelThresholdReached (207) Type: ProtocolAlarm (1) Package: I3fwd Raised on class: I3fwd.Site	Severity: minor Implicitly cleared: false Default probable cause: MidLevelThresholdReached (161)	Unspecified
Description: The alarm is raised when the number of multicast routes in a VPRN exceeds the configured threshold value. The alarm information includes the number of multicast routes and the threshold value.		
Remedial action: the number of multicast routes in a VPRN exceeds the configured threshold value. The value used as the threshold value should be revisited.		

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Table 41-441 McIPsecTunnelGroupSyncTagMisconfigured

Alarm	Attributes	Applicable major releases
Name: McIPsecTunnelGroupSyncTagMisconfigured (4817) Type: redundancyAlarm (52) Package: multichassis Raised on class: multichassis.MultiChassisIPSecGroup	Severity: major Implicitly cleared: true Default probable cause: ipsecGroupSyncTagMisconfigure (1902)	Unspecified
Description: The alarm is raised when a peer of MC IPsec tunnel groups has unconfigured or mismatched synchronization tag.		
Raising condition: (('Synchronization Tag' NOT EQUAL 'Synchronization Tag') OR (('Synchronization Tag' EQUAL '\\")) OR ('Synchronization Tag' EQUAL '\\"'))		
Clearing condition: (('Synchronization Tag' EQUAL 'Synchronization Tag') AND (('Synchronization Tag' NOT EQUAL '\\")) AND ('Synchronization Tag' NOT EQUAL '\\"'))		
Remedial action: Check if the synchronization tag has been configured for the MC IPsec tunnel group peer and they matches.		

Table 41-442 McLagSourceBMacLsbMisconfigured (lag)

Alarm	Attributes	Applicable major releases
Name: McLagSourceBMacLsbMisconfigured (776) Type: configurationAlarm (11) Package: lag Raised on class: lag.MultiChassisLag	Severity: major Implicitly cleared: true Default probable cause: McLagSourceBMacLsbMisconfigured (551)	Unspecified
Description: The alarm is raised when the 5620 SAM detects a mismatch in the last 16 bits of the source backbone MAC address on the peer device. This mismatch prevents PBB access dual homing from operating.		
Raising condition: ('srcBMacLSBMisconfigured' EQUAL 'true')		
Clearing condition: ('srcBMacLSBMisconfigured' EQUAL 'false')		
Remedial action: Check the MAC Address LSB is correct for source backbone address.		

Table 41-443 McLagSourceBMacLsbMisconfigured (multichassis)

Alarm	Attributes	Applicable major releases
Name: McLagSourceBMacLsbMisconfigured (776) Type: configurationAlarm (11) Package: multichassis Raised on class: multichassis.MultiChassisLag	Severity: major Implicitly cleared: true Default probable cause: McLagSourceBMacLsbMisconfigured (551)	Unspecified
Description: The alarm is raised when the 5620 SAM detects a mismatch in the last 16 bits of the source backbone MAC address on the peer device. This mismatch prevents PBB access dual homing from operating.		
Raising condition: ('srcBMacLSBMisconfigured' EQUAL 'true')		
Clearing condition: ('srcBMacLSBMisconfigured' EQUAL 'false')		

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Alarm	Attributes	Applicable major releases
Remedial action: Check the MAC Address LSB is correct for source backbone address.		

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Table 41-444 McMobileGeoRedChgInfo

Alarm	Attributes	Applicable major releases
Name: McMobileGeoRedChgInfo (4380) Type: equipmentAlarm (3) Package: multichassis Raised on class: multichassis.MultiChassisPeerMobileGateway	Severity: warning Implicitly cleared: false Default probable cause: equipmentAlarm (1565)	Unspecified
Description: The alarm is raised when the mobile-gateway or the CPM has changed its geo-redundancy state or the peer's connection status has changed.		
Remedial action: Check what caused this state change. Bring the peer and/or peer-link up and ensure that the chassis and CPM geo-redundancy states are 'hot'.		

Table 41-445 McMobileIssuStateChange

Alarm	Attributes	Applicable major releases
Name: McMobileIssuStateChange (5119) Type: integrityViolation (85) Package: multichassis Raised on class: multichassis.MultiChassisPeerMobileSpecifics	Severity: warning Implicitly cleared: true Default probable cause: mismatchPeerSets (199)	Unspecified
Description: The alarm is raised when ISSU state between the mobile-gateways participating in the geo-redundancy changes		
Remedial action: Check what caused this change in ISSU state and correct the issue for geo-redundancy to work.		

Table 41-446 McOmcrClientNumEntriesHigh

Alarm	Attributes	Applicable major releases
Name: McOmcrClientNumEntriesHigh (8057) Type: communicationsAlarm (4) Package: multichassis Raised on class: multichassis.PeerSynchronizationProtocol	Severity: minor Implicitly cleared: false Default probable cause: McOmcrClientNumEntriesHigh (2458)	Unspecified
Description: The alarm is raised when the system is configured as an OMCR warm standby system, and the total number of entries in the MCS database for a particular application becomes high. When the 80% and 90% threshold is crossed, there is no effect. When the 100% threshold is exceeded, the peer indicated by the values of tmnxMcPeerIpType and tmnxMcPeerIpAddr is shut down automatically by this system.		

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Alarm	Attributes	Applicable major releases
Remedial action: Reconfigure the oversubscribed multi chassis redundancy set up to reduce the number of entries protected by this system.		

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Table 41-447 McPathBlackHole

Alarm	Attributes	Applicable major releases
Name: McPathBlackHole (2940) Type: resourceAlarm (28) Package: equipment Raised on class: equipment.DaughterCard	Severity: critical Implicitly cleared: true Default probable cause: resourceLimitReached (131)	Unspecified
Description: The alarm is raised when a multicast (S,G) specification enters a black-hole state.		
Remedial action: The alarm is raised when a source, group (S,G) goes into a black-hole state. The situation may occur when a certain source, group(S,G) has a bandwidth higher than it's configured maximum and no path/plane that can accommodate for the bandwidth of the new stream. This can be remedied by increasing the path limit(iom2 and older) or plane limit (iom3 and newer) at the Daughter Card tab or by modifying Ingress Multicast Path Management policy which assigned to the card.		

Table 41-448 McPathsBlackHole

Alarm	Attributes	Applicable major releases
Name: McPathsBlackHole (4903) Type: resourceAlarm (28) Package: equipment Raised on class: equipment.DaughterCard	Severity: critical Implicitly cleared: false Default probable cause: resourceLimitReached (131)	Unspecified
Description: The alarm is raised when one or more multicast (S,G) specifications enters a black-hole state.		
Remedial action: The alarm is raised when one or more source, group (S,G) goes into a black-hole state. The situation may occur when a certain source, group (S,G) has a bandwidth higher than it's configured maximum and no path/plane that can accommodate for the bandwidth of the new stream. This can be remedied by increasing the path limit(iom2 and older) or plane limit (iom3 and newer) at the Daughter Card tab or by modifying Ingress Multicast Path Management policy which assigned to the card.		

Table 41-449 MD5AuthFailure

Alarm	Attributes	Applicable major releases
Name: MD5AuthFailure (2934) Type: communicationsAlarm (4) Package: bgp Raised on class: bgp.Md5Key	Severity: major Implicitly cleared: false Default probable cause: md5AuthFailure (1128)	Unspecified
Description: The alarm is raised when an incoming packet is dropped because of BGP MD5 key authentication failure.		

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Alarm	Attributes	Applicable major releases
Remedial action: A configuration error has been made which must be corrected. The MD5 authentication key configured is incorrect.		

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Table 41-450 MFibTableSizeLimitReached

Alarm	Attributes	Applicable major releases
Name: MFibTableSizeLimitReached (190) Type: resourceAlarm (28) Package: vpls Raised on classes: <ul style="list-style-type: none"> • vpls.AbstractBSite • vpls.AbstractTlsSite 	Severity: warning Implicitly cleared: true Default probable cause: resourceLimitReached (131)	Unspecified
Description: The alarm is raised when the 5620 SAM receives a svcTlsMfibTableFullAlarmRaised trap for a VPLS site. The alarm clears when the 5620 SAM receives a svcTlsMfibTableFullAlarmCleared trap for the site.		
Remedial action: Informational - if the alarm persists or is occurring frequently then investigation is required to understand why		

Table 41-451 MGMCSwitchOverStatusNotify

Alarm	Attributes	Applicable major releases
Name: MGMCSwitchOverStatusNotify (4814) Type: processingErrorAlarm (81) Package: multichassis Raised on class: multichassis.MultiChassisPeerMobileGateway	Severity: info Implicitly cleared: false Default probable cause: configurationOrCustomizationError (902)	Unspecified
Description: The alarm is raised when the status of switchover enforced on the mobile-gateway in geo-redundancy changes		
Remedial action: Check switchover failure reason and correct the issue in order to perform switchover.		

Table 41-452 MgwPeerConnectionStateAlarm

Alarm	Attributes	Applicable major releases
Name: MgwPeerConnectionStateAlarm (4399) Type: connectionStateChangeAlarm (125) Package: wlangw Raised on class: wlangw.MgwPeer	Severity: minor Implicitly cleared: false Default probable cause: MgwPeerConnectionStateAlarm (1576)	Unspecified
Description: This alarm is raised when the state of a connection with a Mobile Gateway has changed. [CAUSE] The state of a connection with a Mobile Gateway has changed to Fault. [EFFECT] The effect depends on the new state. [RECOVERY] No recovery is required on this system.		

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Alarm	Attributes	Applicable major releases
Remedial action: Fault occurred on the connection with Mobile Gateway. Check the physical connection and interfaces between Mobile Gateway and WLAN Gateway.		

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Table 41-453 MgwPeerGtpMismatchAlarm

Alarm	Attributes	Applicable major releases
Name: MgwPeerGtpMismatchAlarm (5144) Type: configurationAlarm (11) Package: wlangw Raised on class: wlangw.MgwPeer	Severity: minor Implicitly cleared: false Default probable cause: MgwPeerGtpMismatchAlarm (2067)	Unspecified
Description: This alarm is raised when the Negotiated QoS profile RADIUS attribute contains a release indicator either for GGSN or PGW that does not correspond to the interface type actually used in GTP. e.g. the release indicator is for GGSN and the interface type used in GTP is S2a/S2b while it should be Gn.		
Remedial action: The RADIUS Server configuration should be corrected to match the MgwPeer interface type actually used in GTP.		

Table 41-454 MicroBFDSessionDown

Alarm	Attributes	Applicable major releases
Name: MicroBFDSessionDown (4997) Type: InkaggAlarm (56) Package: lag Raised on class: lag.Interface	Severity: minor Implicitly cleared: true Default probable cause: LagMemberMicroBfdSessionStateChanged (2051)	Unspecified
Description: The alarm is raised when there is a change in the state of the micro-BFD session of a link (port) of the LAG. When the state is 'idle', 'failed', 'waitingFwd', 'up', then the port is forwarding traffic. When the state is 'waiting', 'down', then the port is not forwarding traffic.		
Remedial action: Micro BFD Session state of one of the LAG links is changed. Please check the LAG's BFD configuration or the configuration of the LAG and the Ports in it.		

Table 41-455 MidLevelIPv6RoutesReached

Alarm	Attributes	Applicable major releases
Name: MidLevelIPv6RoutesReached (506) Type: ProtocolAlarm (1) Package: I3fwd Raised on class: I3fwd.ServiceSite	Severity: minor Implicitly cleared: false Default probable cause: MidLevelIPv6RoutesReached (390)	Unspecified
Description: The alarm is raised when the number of IPv6 routes in a VPRN exceeds the configured threshold value. The alarm information includes the number of IPv6 routes and the threshold value.		

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Alarm	Attributes	Applicable major releases
Remedial action: The number of IPv6 routes has exceeded the configured maximum for the VPRN - the route table must be examined to ensure that all of the routes in the table are valid and not the result of a misconfiguration in the VPRN service. If all of the routes appear to be valid then the value used as the threshold value should be revisited.		

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Table 41-456 MidLevelRoutesReached

Alarm	Attributes	Applicable major releases
Name: MidLevelRoutesReached (1199) Type: ProtocolAlarm (1) Package: I3fwd Raised on class: I3fwd.ServiceSite	Severity: minor Implicitly cleared: false Default probable cause: MidLevelRoutesReached (899)	Unspecified
Description: The alarm is raised when the number of routes in a VPRN exceeds the threshold specified in the VPRN configuration. The threshold value is a percentage of the maximum number of routes specified in the VPRN configuration. The alarm information includes the number of routes and the threshold value.		
Remedial action: Informational. The threshold configured should be revisited to ensure that it is not set to low given the number of routes that are being received. If the threshold is set close to the maximum number of routes supported by the NE then it is probable that there is an issue with another NE or VRF instance in the network. If the problem persists please contact Alcatel-Lucent support for assistance.		

Table 41-457 MirrorDestinationMisconfigured

Alarm	Attributes	Applicable major releases
Name: MirrorDestinationMisconfigured (209) Type: configurationAlarm (11) Package: mirror Raised on class: mirror.Mirror	Severity: major Implicitly cleared: true Default probable cause: mirrorDestinationMisconfigured (162)	Unspecified
Description: The alarm is raised when more than two destination Sites are configured for a service mirror.		
Raising condition: ('destinationMisconfigured' EQUAL 'true')		
Clearing condition: ('destinationMisconfigured' EQUAL 'false')		
Remedial action: Delete destination site so that there are two or less destination sites in one Mirror service.		

Table 41-458 MirrorEncapsulationTypeInconsistent

Alarm	Attributes	Applicable major releases
Name: MirrorEncapsulationTypeInconsistent (217) Type: configurationAlarm (11) Package: mirror Raised on class: mirror.Mirror	Severity: major Implicitly cleared: true Default probable cause: mirrorEncapsulationTypeInconsistent (171)	Unspecified

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Alarm	Attributes	Applicable major releases
Description: The alarm is raised when the encapsulation types of the mirror sites differ.		
Raising condition: ('encapsulationTypeInconsistent' EQUAL 'true')		
Clearing condition: ('encapsulationTypeInconsistent' EQUAL 'false')		
Remedial action: Reconfigure the 'Encapsulation Type' for the sites (delete and re-add the sites if not configurable) so that the 'Encapsulation Type' are the same in one Mirror service.		

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Table 41-459 MisconfiguredInflow

Alarm	Attributes	Applicable major releases
Name: MisconfiguredInflow (1067) Type: communicationsAlarm (4) Package: mpr Raised on class: mpr.VlanPathInstance	Severity: major Implicitly cleared: true Default probable cause: misconfiguredInflow (809)	Unspecified
Description: The alarm is raised when the ports in a service use different inflow clock sources.		
Remedial action: Configured inflow is not in sync with the configuration on the NE. Please check for Mismatch.		

Table 41-460 mismatchAnyCastRPTypes

Alarm	Attributes	Applicable major releases
Name: mismatchAnyCastRPTypes (270) Type: configurationAlarm (11) Package: pim Raised on class: pim.AnyCastRP	Severity: warning Implicitly cleared: false Default probable cause: mismatchAnyCastRPTypes (202)	Unspecified
Description: The alarm is raised when there is an anycast RP type mismatch.		
Remedial action: A configuration error has occurred that must be corrected. Please check to make sure the global Virtual Anycast RP service type and this PIM Anycast RP service type are consistent.		

Table 41-461 mismatchBackupAddress

Alarm	Attributes	Applicable major releases
Name: mismatchBackupAddress (279) Type: configurationAlarm (11) Package: vrrp Raised on class: vrrp.VRInstance	Severity: minor Implicitly cleared: false Default probable cause: mismatchBackupAddress (212)	Unspecified
Description: The alarm is raised when two VR instances in a VR have different backup addresses.		

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Alarm	Attributes	Applicable major releases
Remedial action: Reconfigure the backup addresses for the peer VRRP instances so that they are the same.		

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Table 41-462 mismatchSubnets

Alarm	Attributes	Applicable major releases
Name: mismatchSubnets (280) Type: configurationAlarm (11) Package: vrrp Raised on class: vrrp.VRInstance	Severity: major Implicitly cleared: true Default probable cause: mismatchSubnets (213)	Unspecified
Description: The alarm is raised when two VR Instances in a VR have backup addresses that are in different subnets.		
Remedial action: Reconfigure the ip addresses for the peer VRRP instances so that they are in the same subnets.		

Table 41-463 mismatchVrrpTypes

Alarm	Attributes	Applicable major releases
Name: mismatchVrrpTypes (278) Type: configurationAlarm (11) Package: vrrp Raised on class: vrrp.VRInstance	Severity: minor Implicitly cleared: true Default probable cause: mismatchVrrpTypes (211)	Unspecified
Description: The alarm is raised when two VR instances in a VR are of different types, for example, when one VR instance type is Network and the other is IES.		
Raising condition: (('VRRP Type' NOT EQUAL 'VRRP Type'))		
Clearing condition: (('VRRP Type' EQUAL 'VRRP Type'))		
Remedial action: Reconfigure the VRRP instance peers so that they are from the same type of interfaces (Network, IES or VPRN).		

Table 41-464 MissingFallingEvent

Alarm	Attributes	Applicable major releases
Name: MissingFallingEvent (414) Type: configurationAlarm (11) Package: rmon Raised on class: rmon.Alarm	Severity: major Implicitly cleared: false Default probable cause: incompleteConfig (225)	Unspecified
Description: The alarm is raised when the 5620 SAM cannot find the falling event object that is named in an RMON policy alarm definition.		
Raising condition: ('Missing Falling Event' EQUAL 'true')		

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Alarm	Attributes	Applicable major releases
Clearing condition: ('Missing Falling Event' EQUAL 'false')		
Remedial action: Cannot find the falling event object that is named in an RMON policy alarm definition. Please create the required event.		

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Table 41-465 MissingHopConfiguration

Alarm	Attributes	Applicable major releases
Name: MissingHopConfiguration (350) Type: configurationAlarm (11) Package: mpls Raised on class: mpls.StaticLsp	Severity: warning Implicitly cleared: true Default probable cause: MissingHopConfiguration (252)	Unspecified
Description: The alarm is raised when a static LSP is created without hops.		
Remedial action: Need to configure static hops to the destination.		

Table 41-466 MissingRisingEvent

Alarm	Attributes	Applicable major releases
Name: MissingRisingEvent (413) Type: configurationAlarm (11) Package: rmon Raised on class: rmon.Alarm	Severity: major Implicitly cleared: false Default probable cause: incompleteConfig (225)	Unspecified
Description: The alarm is raised when the 5620 SAM cannot find the rising event object that is named in an RMON policy alarm definition.		
Raising condition: ('Missing Rising Event' EQUAL 'true')		
Clearing condition: ('Missing Rising Event' EQUAL 'false')		
Remedial action: Cannot find the rising event object that is named in an RMON policy alarm definition. Please create the required event.		

Table 41-467 missingStaticRPConfigurations

Alarm	Attributes	Applicable major releases
Name: missingStaticRPConfigurations (268) Type: configurationAlarm (11) Package: pim Raised on class: pim.VirtualAnyCastRP	Severity: warning Implicitly cleared: true Default probable cause: missingStaticRPConfigurations (200)	Unspecified
Description: The alarm is raised when a static RP configuration is missing.		

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Alarm	Attributes	Applicable major releases
Remedial action: A configuration error has occurred that must be corrected. Please check the global Virtual Anycast RP configuration and its operational status flag so that the Static RP and Group Range(s) are all configured.		

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Table 41-468 MissSpokeConfiguration

Alarm	Attributes	Applicable major releases
Name: MissSpokeConfiguration (218) Type: configurationAlarm (11) Package: vpls Raised on class: vpls.AbstractVpls	Severity: warning Implicitly cleared: true Default probable cause: missSpokeConfiguration (172)	Unspecified
Description: The alarm is raised when the 5620 SAM detects a spoke SDP binding between two sites in one M-VPLS or VPLS. The alarm is not raised by the 5620 SAM, Release 4.0 or later.		
Raising condition: ('missSpokeConfiguration' EQUAL 'true')		
Clearing condition: ('missSpokeConfiguration' EQUAL 'false')		
Remedial action: Deprecated since Rel.4.0		

Table 41-469 MldGrpIfSapCModeRxQueryMism

Alarm	Attributes	Applicable major releases
Name: MldGrpIfSapCModeRxQueryMism (5390) Type: configurationAlarm (11) Package: mld Raised on class: mld.GrpInterfaceSap	Severity: warning Implicitly cleared: false Default probable cause: InvalidCompatibilityModeofQueryReceived (2106)	Unspecified
Description: The alarm is raised when there is a mismatch between the compatible mode of the MLD SAP and the version of the received query. It is generated when the SAP is in MLDv1 compatible mode but it receives an MLDv2. It will include information on the configured version of the compatibility mode of the SAP, and the version of the received query.		
Remedial action: Change the MLD Version attribute on the MLD Group Interface to match the MLD host version.		

Table 41-470 MldGrpIfSapMaxGroupsLimitExceeded

Alarm	Attributes	Applicable major releases
Name: MldGrpIfSapMaxGroupsLimitExceeded (5391) Type: configurationAlarm (11) Package: mld Raised on class: mld.GrpInterfaceSap	Severity: warning Implicitly cleared: false Default probable cause: MldGrpIfSapMaxGroupsLimitExceeded (2107)	Unspecified
Description: 'This alarm is raised when an attempt is made to configure a group when the number of groups configured on the SAP, is equal to the 'Maximum Number of Groups' supported on the SAP.'		

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Alarm	Attributes	Applicable major releases
Remedial action: Increase the value of the 'Maximum Number of Groups' attribute in the parent MLD group interface so that the number of active MLD groups stays under the configured threshold.		

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Table 41-471 MldGrpIfSapMaxGrpSrcLimExcd

Alarm	Attributes	Applicable major releases
Name: MldGrpIfSapMaxGrpSrcLimExcd (5392) Type: configurationAlarm (11) Package: mld Raised on class: mld.GrpInterfaceSap	Severity: warning Implicitly cleared: false Default probable cause: MldGrpIfSapMaxGrpSrcLimExcd (2108)	Unspecified
Description: This alarm is raised when an attempt is made to configure a group source for a group when the number of group sources is equal to the 'Maximum Number of Group Sources' per group supported on the SAP.		
Remedial action: Increase the value of the 'Maximum Number Of Group Sources' attribute in the parent MLD group interface so that the number of active MLD Group sources stays under the configured threshold.		

Table 41-472 MldGrpIfSapMaxSourcesLimitExceeded

Alarm	Attributes	Applicable major releases
Name: MldGrpIfSapMaxSourcesLimitExceeded (5393) Type: configurationAlarm (11) Package: mld Raised on class: mld.GrpInterfaceSap	Severity: warning Implicitly cleared: false Default probable cause: MldGrpIfSapMaxSourcesLimitExceeded (2109)	Unspecified
Description: 'This alarm is raised when an attempt is made to configure a source for a group when the number of sources for this group is equal to the 'Maximum Number of Sources' per group supported on the SAP.'		
Remedial action: Increase the value of the 'Maximum Number Of Sources' attribute in the parent MLD group interface so that the number of active MLD sources stays under the configured threshold.		

Table 41-473 MldGrpIfSapRxQueryVerMism

Alarm	Attributes	Applicable major releases
Name: MldGrpIfSapRxQueryVerMism (5394) Type: configurationAlarm (11) Package: mld Raised on class: mld.GrpInterfaceSap	Severity: warning Implicitly cleared: false Default probable cause: InvalidVersionofQueryMessageReceived (129)	Unspecified
Description: The alarm is raised when the MLD host SAP is configured as MLDv2 but receives an MLDv1 Query. It will include information on the configured version of the SAP, and the version of the received query.		
Remedial action: Change the MLD Version attribute on the MLD Group Interface to match the MLD host version.		

Table 41-474 MldHostCModeRxQueryMismatch

Alarm	Attributes	Applicable major releases
Name: MldHostCModeRxQueryMismatch (8051) Type: configurationAlarm (11) Package: mld Raised on class: mld.Site	Severity: warning Implicitly cleared: false Default probable cause: InvalidCompatibilityModeOfQueryReceived (2452)	Unspecified
Description: The alarm is raised when there is a mismatch between the compatible mode of the MLD Host and the version of the received query, i.e. the Host is in MLDv1 compatible mode but it receives a MLDv2 Query.		
Remedial action: Change the MLD Version attribute on the MLD Group Interface to match the MLD host version.		

Table 41-475 MldHostInstantiationFail

Alarm	Attributes	Applicable major releases
Name: MldHostInstantiationFail (8052) Type: configurationAlarm (11) Package: mld Raised on class: mld.GrplInterface	Severity: warning Implicitly cleared: false Default probable cause: MldHostInstantiationFailed (2453)	Unspecified
Description: This alarm is generated when a host is eligible for running MLD, but MLD cannot be started on the host.		
Remedial action: A host is eligible for running MLD, but MLD cannot be started on the given host.		

Table 41-476 MldHostMaxGroupsLimitExceeded

Alarm	Attributes	Applicable major releases
Name: MldHostMaxGroupsLimitExceeded (8053) Type: configurationAlarm (11) Package: mld Raised on class: mld.GrplInterface	Severity: warning Implicitly cleared: false Default probable cause: MldHostMaxGroupsLimitExceeded (2454)	Unspecified
Description: This alarm is generated when an attempt is made to configure a group when the number of groups configured on the PIM interface is equal to the maximum number of groups supported on the host.		
Remedial action: Increase the value of the 'Maximum Number of Groups' attribute in the MLD group interface so that the number of active MLD groups stays under the configured threshold.		

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Table 41-477 MldHostMaxGrpSrcsLimitExceeded

Alarm	Attributes	Applicable major releases
Name: MldHostMaxGrpSrcsLimitExceeded (8054) Type: configurationAlarm (11) Package: mld Raised on class: mld.GrpInterface	Severity: major Implicitly cleared: false Default probable cause: MldHostMaxGrpSrcsLimitExceeded (2455)	Unspecified
Description: The alarm is generated when an attempt is made to configure a source for a group when the number of group sources is equal to the maximum number of group sources per group supported on the host.		
Remedial action: Increase the value of the 'Maximum Number Of Group Sources' attribute in the MLD group interface so that the number of active MLD Group sources stays under the configured threshold.		

Table 41-478 MldHostMaxSrcsLimitExceeded

Alarm	Attributes	Applicable major releases
Name: MldHostMaxSrcsLimitExceeded (8055) Type: configurationAlarm (11) Package: mld Raised on class: mld.GrpInterface	Severity: warning Implicitly cleared: false Default probable cause: MldHostMaxSrcsLimitExceeded (2456)	Unspecified
Description: The alarm is generated when an attempt is made to configure a source for a group when the number of sources for this group is equal to the maximum number of sources per group supported on the host.		
Remedial action: Increase the value of the 'Maximum Number Of Sources' attribute in the MLD group interface so that the number of active MLD sources stays under the configured threshold.		

Table 41-479 MldHostRxQueryVerMismatch

Alarm	Attributes	Applicable major releases
Name: MldHostRxQueryVerMismatch (8056) Type: configurationAlarm (11) Package: mld Raised on class: mld.Site	Severity: warning Implicitly cleared: false Default probable cause: InvalidVersionOfQueryMessageReceived (2457)	Unspecified
Description: The alarm is raised when the MLD host is configured as MLDv2 but receives an MLDv1 Query. It will include information on the configured version of MLD Host, and the version of the received query.		
Remedial action: Change the MLD Version attribute on the MLD Group Interface to match the MLD host version.		

Table 41-480 MldSnpgGrpDroppedLimitExceeded

Alarm	Attributes	Applicable major releases
Name: MldSnpgGrpDroppedLimitExceeded (537) Type: AccessInterfaceAlarm (32) Package: vpls Raised on class: vpls.L2AccessInterfaceMldSnpgCfg	Severity: warning Implicitly cleared: false Default probable cause: mldSnpgGrpMaxNbrGrpsReached (406)	Unspecified
Description: The alarm is raised when a SAP drops an MLD group because the configurable maximum number of MLD groups on the SAP is reached.		
Remedial action: Increasing the maximum number of MLD Groups to prevent groups from being dropped.		

Table 41-481 MlpppBundleInterleavingDisabled

Alarm	Attributes	Applicable major releases
Name: MlpppBundleInterleavingDisabled (4383) Type: other (123) Package: netw Raised on class: netw.NetworkElement	Severity: minor Implicitly cleared: true Default probable cause: mlpppBundleInterleavingDisabled (1567)	Unspecified
Description: The alarm is raised when the 'Link Fragmentation and LFI' bit is set but LFI isn't active for MLPPP Bundle. It is cleared for other cases. If LFI is not desired, disable it in the L2TP MLPPP configuration of the related routing instance. Or, ensure that the MLPPP bundle only contains a single link.		
Remedial action: If LFI is not desired, disable it in the L2TP MLPPP configuration of the related routing instance. Or, ensure that the MLPPP bundle only contains a single link.		

Table 41-482 MobGwSysGrpWriteCdrToCfAlarm

Alarm	Attributes	Applicable major releases
Name: MobGwSysGrpWriteCdrToCfAlarm (3634) Type: MgGroupAlarm (75) Package: isa Raised on class: isa.MglsaGroup	Severity: major Implicitly cleared: true Default probable cause: MobGwSysGrpWriteCdrToCfStop (1418)	Unspecified
Description: The alarm is raised when the SGW or PGW writes Charging Data Record (CDR) packets to the local compact flash for the mobile system group.		
Remedial action: Retrieve Charging Data Record (CDR) files from compact flash.		

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Table 41-483 ModFail

Alarm	Attributes	Applicable major releases
Name: ModFail (1171) Type: communicationsAlarm (4) Package: equipment Raised on class: equipment.Equipment	Severity: variable Implicitly cleared: true Default probable cause: modFail (872)	Unspecified
Description: The alarm is raised when a modulation failure is detected.		
Remedial action: Please refer to the 9500 Node Maintenance manual for remedial action information.		

Table 41-484 ModLOS

Alarm	Attributes	Applicable major releases
Name: ModLOS (1172) Type: communicationsAlarm (4) Package: equipment Raised on class: equipment.Equipment	Severity: variable Implicitly cleared: true Default probable cause: modLOS (873)	Unspecified
Description: The alarm is raised when a modulation loss of signal is detected.		
Remedial action: Please refer to the 9500 Node Maintenance manual for remedial action information.		

Table 41-485 ModuleOutOfMemory

Alarm	Attributes	Applicable major releases
Name: ModuleOutOfMemory (180) Type: equipmentAlarm (3) Package: netw Raised on class: netw.NetworkElement	Severity: critical Implicitly cleared: false Default probable cause: outOfMemory (142)	Unspecified
Description: The alarm is raised when the available NE memory is insufficient for allocation to a task.		
Remedial action: Informational - If the alarm persists please contact Alcatel-Lucent support for assistance		

Table 41-486 MonitoredObjectsCrossThreshold

Alarm	Attributes	Applicable major releases
Name: MonitoredObjectsCrossThreshold (8146) Type: processingErrorAlarm (81) Package: sup Raised on class: sup.SupervisionManager	Severity: variable Implicitly cleared: true Default probable cause: MonitoredObjectsCrossThreshold (2542)	Unspecified

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Alarm	Attributes	Applicable major releases
Description: This alarm is raised when total monitored objects count cross certain threshold. It is in warning when the total count exceeds 90% of the limit, and in critical when the total count reaches the limit. It is automatically cleared when the total count is back under the limit and threshold.		
Remedial action: Please remove unnecessary supervision groups or change the inclusion filters of supervision groups to reduce monitored objects.		

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Table 41-487 MplsResignalTimerExpired

Alarm	Attributes	Applicable major releases
Name: MplsResignalTimerExpired (1121) Type: ProtocolAlarm (1) Package: mpls Raised on class: mpls.Site	Severity: info Implicitly cleared: false Default probable cause: resignalTimerExpired (833)	Unspecified
Description: The alarm is raised when an MPLS instance resignal timer expires.		
Remedial action: Informational only.		

Table 41-488 MprVIIDown

Alarm	Attributes	Applicable major releases
Name: MprVIIDown (1139) Type: serviceDown (88) Package: mpr Raised on class: mpr.MprVII	Severity: major Implicitly cleared: true Default probable cause: vlanPathInstanceDown (524)	Unspecified
Description: The alarm is raised when the Operational State of a VLAN path instance is Down. It could be caused by one of the following conditions: - The radio link is down. - A cross connect is deleted. - The Operational State of one or more ports in the cross connect is Down.		
Remedial action: Components of the VLL service, site, ports and or links may be down. Please check the components for root cause.		

Table 41-489 MPTCardFailure

Alarm	Attributes	Applicable major releases
Name: MPTCardFailure (4830) Type: equipmentAlarm (3) Package: mwa Raised on class: mwa.PortTermination	Severity: variable Implicitly cleared: true Default probable cause: ReplaceableUnitProblem (1905)	Unspecified
Description: This alarm is raised when MPT card failure is detected.		
Remedial action: Please refer to either 9500 or 7705 Node Maintenance manual for remedial action information.		

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Table 41-490 MPTPlugInCardFailure

Alarm	Attributes	Applicable major releases
Name: MPTPlugInCardFailure (4831) Type: equipmentAlarm (3) Package: mwa Raised on class: mwa.PortTermination	Severity: variable Implicitly cleared: true Default probable cause: ReplaceableUnitProblem (1905)	Unspecified
Description: This alarm is raised when RPS/XPIC Plug-in card failure is detected.		
Remedial action: Please refer to either 9500 or 7705 Node Maintenance manual for remedial action information.		

Table 41-491 MPTPowerSupplyFailure

Alarm	Attributes	Applicable major releases
Name: MPTPowerSupplyFailure (1170) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.Port	Severity: variable Implicitly cleared: true Default probable cause: powerSupplyFailure (117)	Unspecified
Description: The alarm is raised when an MPT radio power source has a power supply failure.		
Remedial action: Please refer to the 9500 Node Maintenance manual for remedial action information.		

Table 41-492 msapCreationFailure

Alarm	Attributes	Applicable major releases
Name: msapCreationFailure (740) Type: ConfigurationAlarm (15) Package: vpls Raised on class: vpls.L2AccessInterface	Severity: warning Implicitly cleared: false Default probable cause: creationFailure (515) Applicable probable causes: <ul style="list-style-type: none"> • creationFailure • radiusAuthFailed 	Unspecified
Description: The alarm is raised when an NE notifies the 5620 SAM that it cannot create an MSAP.		
Remedial action: This warning is raised when the NE fails to create an MSAP. Please review the alarm's additional text to obtain information about the error condition. Possible problems can be mis-configuration of the capture SAP, authentication failures, a missing target service or interface, illegal trigger packets and more.		

Table 41-493 MsdpActSrcLimExcd

Alarm	Attributes	Applicable major releases
Name: MsdpActSrcLimExcd (380) Type: communicationsAlarm (4) Package: msdp Raised on class: msdp.Site	Severity: warning Implicitly cleared: false Default probable cause: MsdpActiveSourcesLimitExceeded (279)	Unspecified
Description: The alarm is raised when an MSDP site receives a number of source active messages that exceeds the configured maximum.		
Remedial action: Increase the configurable maximum number of source active messages if possible.		

Table 41-494 MsdpGroupSrcActMsgsExcd

Alarm	Attributes	Applicable major releases
Name: MsdpGroupSrcActMsgsExcd (378) Type: communicationsAlarm (4) Package: msdp Raised on class: msdp.PeerGroup	Severity: warning Implicitly cleared: false Default probable cause: MsdpGroupActiveSourcesLimitExceeded (277)	Unspecified
Description: The alarm is raised when an MSDP group receives a number of source active messages that exceeds the configured maximum.		
Remedial action: Increase the configurable maximum number of source active messages if possible.		

Table 41-495 MsdpPeerActSrcLimExcd

Alarm	Attributes	Applicable major releases
Name: MsdpPeerActSrcLimExcd (379) Type: communicationsAlarm (4) Package: msdp Raised on classes: <ul style="list-style-type: none"> • msdp.GroupPeer • msdp.Peer 	Severity: warning Implicitly cleared: false Default probable cause: MsdpPeerActiveSourcesLimitExceeded (278)	Unspecified
Description: The alarm is raised when an MSDP peer receives a number of source active messages that exceeds the configured maximum.		
Remedial action: Increase the configurable maximum number of source active messages if possible.		

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Table 41-496 MsdpRPFFailure

Alarm	Attributes	Applicable major releases
Name: MsdpRPFFailure (354) Type: communicationsAlarm (4) Package: msdp Raised on class: msdp.Site	Severity: warning Implicitly cleared: false Default probable cause: MsdpRPFFailure (275)	Unspecified
Description: The alarm is raised when an MSDP site experiences an RPF failure.		
Remedial action: Informational.		

Table 41-497 MsdpSourceSrcActMsgsExcd

Alarm	Attributes	Applicable major releases
Name: MsdpSourceSrcActMsgsExcd (381) Type: communicationsAlarm (4) Package: msdp Raised on class: msdp.Source	Severity: warning Implicitly cleared: false Default probable cause: MsdpSourceActiveSourcesLimitExceeded (280)	Unspecified
Description: The alarm is raised when an MSDP source receives a number of source active messages that exceeds the configured maximum.		
Remedial action: Increase the configurable maximum number of source active messages if possible.		

Table 41-498 MsPwFecMisConfig

Alarm	Attributes	Applicable major releases
Name: MsPwFecMisConfig (3691) Type: serviceAlarm (16) Package: svt Raised on class: svt.SpokeSdpFec	Severity: major Implicitly cleared: true Default probable cause: msPwFecMisConfig (1430)	Unspecified
Description: The alarm is raised when a misconfiguration is discovered between two signaling multi-segment pseudowires. For example, configuring both multi-segment pseudowires as master would cause this notification.		
Clearing condition: ('Administrative State' EQUAL 'Up')		
Remedial action: Configure multi-segment pseudo-wires such that both are not configured to be master.		

Table 41-499 MultiChassisStpBlockingStatus

Alarm	Attributes	Applicable major releases
Name: MultiChassisStpBlockingStatus (4902) Type: communicationsAlarm (4) Package: aosredundancy Raised on class: aosredundancy.AOSMultiChassis	Severity: minor Implicitly cleared: false Default probable cause: PrimarybridgeSTPPriorityishigherthansecondarybridge (1959)	Unspecified
Description: Primary bridge STP Priority is higher than secondary bridge		
Remedial action: This Alarm can be cleared by setting primary bridge STP Priority lower then secondary bridge stp priority		

Table 41-500 MultipleOwners

Alarm	Attributes	Applicable major releases
Name: MultipleOwners (283) Type: configurationAlarm (11) Package: vrrp Raised on class: vrrp.AbstractInstance	Severity: major Implicitly cleared: false Default probable cause: multipleOwnersConfigured (215)	Unspecified
Description: The alarm is raised when an owner VR instance detects another instance that advertises itself as an owner.		
Remedial action: Shut down one of the peer VRRP instances and change the owner to false and then turn it up.		

Table 41-501 multipleRPLOwner

Alarm	Attributes	Applicable major releases
Name: multipleRPLOwner (2946) Type: configurationAlarm (11) Package: ethring Raised on class: ethring.Element	Severity: major Implicitly cleared: false Default probable cause: multiplerpl (1135)	Unspecified
Description: The alarm is raised on RPL elements configured as RPL owners, when there are multiple RPL owners detected in the ring topology.		
Remedial action: A configuration error has been made which must be corrected. The duplicate RPL owners must be deleted.		

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Table 41-502 MVPNDuplicateVrfPolicy

Alarm	Attributes	Applicable major releases
Name: MVPNDuplicateVrfPolicy (649) Type: configurationAlarm (11) Package: I3fwd Raised on classes: <ul style="list-style-type: none"> I3fwd.ServiceSiteMVPNImportPolicy I3fwd.ServiceSiteMVPNExportPolicy 	Severity: warning Implicitly cleared: true Default probable cause: duplicateVrfPolicyExists (177)	Unspecified
Description: The alarm is raised when the 5620 SAM detects a duplicate VRF policy in a multicast VPRN. The alarm information includes the VRF policy ID and type, and information about the service site. Note: starting from SAM 12.0 R1, SAM no longer raise this alarm since it is not much useful but has performance issue.		
Remedial action: A configuration error has occurred which must be corrected. The duplicate VRF policy must be removed. Note: starting from SAM 12.0 R1, SAM no longer raises this alarm.		

Table 41-503 MVPNExportPolicyNotFound

Alarm	Attributes	Applicable major releases
Name: MVPNExportPolicyNotFound (650) Type: configurationAlarm (11) Package: I3fwd Raised on class: I3fwd.ServiceSiteMVPNExportPolicy	Severity: major Implicitly cleared: true Default probable cause: exportPolicyDoesNotExist (179)	Unspecified
Description: The alarm is raised when a VRF export policy for a multicast VPRN cannot be found. The alarm information includes the policy ID. Note: starting from SAM 12.0 R1, SAM no longer raise this alarm since it is not much useful but has performance issue.		
Remedial action: A configuration error has occurred which must be corrected. A VRF export policy with the appropriate ID must be configured. Note: starting from SAM 12.0 R1, SAM no longer raises this alarm.		

Table 41-504 MVPNImportPolicyNotFound

Alarm	Attributes	Applicable major releases
Name: MVPNImportPolicyNotFound (651) Type: configurationAlarm (11) Package: I3fwd Raised on class: I3fwd.ServiceSiteMVPNImportPolicy	Severity: major Implicitly cleared: true Default probable cause: importPolicyDoesNotExist (180)	Unspecified
Description: The alarm is raised when a VRF import policy for a multicast VPRN cannot be found. The alarm information includes the policy ID. Note: starting from SAM 12.0 R1, SAM no longer raise this alarm since it is not much useful but has performance issue.		
Remedial action: A configuration error has occurred which must be corrected. A VRF import policy with the appropriate ID must be configured. Note: starting from SAM 12.0 R1, SAM no longer raises this alarm.		

Table 41-505 MwLinkEPSActivityChange

Alarm	Attributes	Applicable major releases
Name: MwLinkEPSActivityChange (4945) Type: communicationsAlarm (4) Package: mwa Raised on class: mwa.MwLink	Severity: major Implicitly cleared: false Default probable cause: EPSActivityChange (2002)	Unspecified
Description: This alarm is raised when a microwave link changes activity for EPS.		
Remedial action: Please refer to either 9500 or 7705 Node Maintenance manual for remedial action information.		

Table 41-506 MwLinkMaintenanceChange

Alarm	Attributes	Applicable major releases
Name: MwLinkMaintenanceChange (4946) Type: communicationsAlarm (4) Package: mwa Raised on class: mwa.MwLink	Severity: info Implicitly cleared: false Default probable cause: MaintenanceCommandChange (2003)	Unspecified
Description: This alarm is raised when a microwave link maintenance command changes.		
Remedial action: Please refer to either 9500 or 7705 Node Maintenance manual for remedial action information.		

Table 41-507 MwLinkPeerChange

Alarm	Attributes	Applicable major releases
Name: MwLinkPeerChange (4832) Type: communicationsAlarm (4) Package: mwa Raised on class: mwa.MwLink	Severity: major Implicitly cleared: false Default probable cause: PeerChange (1918)	Unspecified
Description: This alarm is raised when a microwave link discovered peer changes.		
Remedial action: Please refer to either 9500 or 7705 Node Maintenance manual for remedial action information.		

Table 41-508 MwLinkRPSActivityChange

Alarm	Attributes	Applicable major releases
Name: MwLinkRPSActivityChange (4947) Type: communicationsAlarm (4) Package: mwa Raised on class: mwa.MwLink	Severity: major Implicitly cleared: false Default probable cause: RPSActivityChange (2004)	Unspecified

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Alarm	Attributes	Applicable major releases
Description: This alarm is raised when a microwave link changes activity for RPS.		
Remedial action: Please refer to either 9500 or 7705 Node Maintenance manual for remedial action information.		

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Table 41-509 MwLinkTPSActivityChange

Alarm	Attributes	Applicable major releases
Name: MwLinkTPSActivityChange (4948) Type: communicationsAlarm (4) Package: mwa Raised on class: mwa.MwLink	Severity: major Implicitly cleared: false Default probable cause: TPSActivityChange (2005)	Unspecified
Description: This alarm is raised when a microwave link changes activity for TPS.		
Remedial action: Please refer to either 9500 or 7705 Node Maintenance manual for remedial action information.		

Table 41-510 NatIsaMemberSessionUsageHi

Alarm	Attributes	Applicable major releases
Name: NatIsaMemberSessionUsageHi (3937) Type: equipmentAlarm (3) Package: nat Raised on class: nat.IsaMember	Severity: major Implicitly cleared: true Default probable cause: resourceFull (53)	Unspecified
Description: The alarm is raised when the session usage of an ISA-NAT group member reaches the high watermark. The alarm clears when the session usage reaches the low watermark.		
Remedial action: Review the watermarks configuration to make sure it matches the capacity of your network. If required, deploy extra equipment to deal with the demand.		

Table 41-511 NatIsaMemberSessionUsageHigh

Alarm	Attributes	Applicable major releases
Name: NatIsaMemberSessionUsageHigh (1070) Type: equipmentAlarm (3) Package: nat Raised on class: nat.IsaMda	Severity: major Implicitly cleared: true Default probable cause: resourceFull (53)	Unspecified
Description: Deprecated in 10.0, Use {NatIsaMemberSessionUsageHi on nat.IsaMember} instead. The alarm is raised when the session usage of an ISA-NAT group member reaches the high watermark. The alarm clears when the session usage reaches the low watermark.		
Remedial action: Review the watermarks configuration to make sure it matches the capacity of your network. If required, deploy extra equipment to deal with the demand.		

Table 41-512 NatL2AwSubIcmpPortUsageHigh

Alarm	Attributes	Applicable major releases
Name: NatL2AwSubIcmpPortUsageHigh (1086) Type: equipmentAlarm (3) Package: ressubscr Raised on class: ressubscr.ResidentialSubscriberInstance	Severity: warning Implicitly cleared: true Default probable cause: resourceFull (53)	Unspecified
Description: The alarm is raised when the ICMP port usage of an L2-aware NAT subscriber reaches the high or low watermark.		
Remedial action: Review the watermarks configuration to make sure it matches the capacity of the network. If required, deploy extra equipment to deal with the demand.		

Table 41-513 NatL2AwSubSessionUsageHigh

Alarm	Attributes	Applicable major releases
Name: NatL2AwSubSessionUsageHigh (1087) Type: equipmentAlarm (3) Package: ressubscr Raised on class: ressubscr.ResidentialSubscriberInstance	Severity: warning Implicitly cleared: true Default probable cause: resourceFull (53)	Unspecified
Description: The alarm is raised when the session usage of an L2-aware NAT subscriber reaches the high or low watermark.		
Remedial action: Review the watermarks configuration to make sure it matches the capacity of your network. If required, deploy extra equipment to deal with the demand.		

Table 41-514 NatL2AwSubTcpPortUsageHigh

Alarm	Attributes	Applicable major releases
Name: NatL2AwSubTcpPortUsageHigh (1088) Type: equipmentAlarm (3) Package: ressubscr Raised on class: ressubscr.ResidentialSubscriberInstance	Severity: warning Implicitly cleared: true Default probable cause: resourceFull (53)	Unspecified
Description: The alarm is raised when the TCP port usage of an L2-aware NAT subscriber reaches the high or low watermark.		
Remedial action: Review the watermarks configuration to make sure it matches the capacity of your network. If required, deploy extra equipment to deal with the demand.		

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Table 41-515 NatL2AwSubUdpPortUsageHigh

Alarm	Attributes	Applicable major releases
Name: NatL2AwSubUdpPortUsageHigh (1089) Type: equipmentAlarm (3) Package: ressubscr Raised on class: ressubscr.ResidentialSubscriberInstance	Severity: warning Implicitly cleared: true Default probable cause: resourceFull (53)	Unspecified
Description: The alarm is raised when the UDP port usage of an L2-aware NAT subscriber reaches the high or low watermark.		
Remedial action: Review the watermarks configuration to make sure it matches the capacity of your network. If required, deploy extra equipment to deal with the demand.		

Table 41-516 NatPIL2AwBlockUsageHigh

Alarm	Attributes	Applicable major releases
Name: NatPIL2AwBlockUsageHigh (1074) Type: equipmentAlarm (3) Package: nat Raised on class: nat.NatPool	Severity: warning Implicitly cleared: true Default probable cause: resourceFull (53)	Unspecified
Description: The alarm is raised when the block usage of an L2-aware NAT address pool reaches the high watermark. The alarm clears when the block usage reaches the low watermark.		
Remedial action: This alarm indicates the block usage of a L2-aware NAT address pool reaches its threshold on a particular member MDA of its ISA group. Please ensure the address pool block usage configuration adequate for the system requirement. This alarm will be cleared automatically once the block usage is below the watermark.		

Table 41-517 NatPILsnMemberBlockUsageHigh

Alarm	Attributes	Applicable major releases
Name: NatPILsnMemberBlockUsageHigh (1075) Type: equipmentAlarm (3) Package: nat Raised on class: nat.NatPool	Severity: warning Implicitly cleared: true Default probable cause: resourceFull (53)	Unspecified
Description: The alarm is raised when the block usage of a large-scale NAT address pool reaches the high watermark. The alarm clears when the block usage reaches the low watermark.		
Remedial action: This alarm indicates the block usage of a Large Scale NAT address pool reaches its threshold on a particular member MDA of its ISA group. Please ensure the address pool block usage configuration adequate for the system requirement. This alarm will be cleared automatically once the block usage is below the watermark.		

Table 41-518 NeighborLoss (pim)

Alarm	Attributes	Applicable major releases
Name: NeighborLoss (188) Type: communicationsAlarm (4) Package: pim Raised on class: pim.Interface	Severity: warning Implicitly cleared: true Default probable cause: NeighborConnectionLost (148)	Unspecified
Description: The alarm is raised when the connection to a neighbor is lost.		
Remedial action: Informational - please check the connection to the neighbor is fine, e.g the peer is not in shutdown state. The alarm will be cleared when the neighbor is discovered up.		

Table 41-519 NeighborLoss (vpls)

Alarm	Attributes	Applicable major releases
Name: NeighborLoss (188) Type: communicationsAlarm (4) Package: vpls Raised on class: vpls.InterfacePimSnooping	Severity: warning Implicitly cleared: true Default probable cause: NeighborConnectionLost (148)	Unspecified
Description: The alarm is raised when the 5620 SAM detects a loss of connection to a PIM neighbor.		
Remedial action: There is a lost connection to the PIM Neighbor. Check the PIM Neighbor to ensure it is still operational and that underlying transport of the SAP or SDP is operationally up.		

Table 41-520 netconfEventReplayFailure

Alarm	Attributes	Applicable major releases
Name: netconfEventReplayFailure (5389) Type: communicationsAlarm (4) Package: Itemme Raised on class: Itemme.MmeInstance	Severity: critical Implicitly cleared: false Default probable cause: MmeInternalProcessingError (1421)	Unspecified
Description: Replay of the NETCONF notification event buffer has failed and 5620 SAM is no longer attempting to replay old events. Any Performance Measurement Statistics files that 5620 SAM was trying to replay must be manually retrieved from the 9471 WMM. The additionalText field of the alarm displays the timestamp of the last successful NETCONF notification that 5620 SAM has processed after server startup. If the additionalText field is empty, we have not processed any NETCONF notifications since the 5620 SAM started and any missing files need to be manually retrieved from the 9471 WMM. New NETCONF event notifications are still processed as normal.		
Remedial action: Replay of the NETCONF notification event buffer has failed and 5620 SAM is no longer attempting to replay old events. Any Performance Measurement Statistics files that 5620 SAM was trying to replay must be manually retrieved from the 9471 WMM. The additionalText field of the alarm displays the timestamp of the last successful NETCONF notification that 5620 SAM has processed after server startup. If the additionalText field is empty, we have not processed any NETCONF notifications since the 5620 SAM started and any missing files need to be manually retrieved from the 9471 WMM. New NETCONF event notifications are still processed as normal.		

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Table 41-521 NetConfEventSubscriptionProblem

Alarm	Attributes	Applicable major releases
Name: NetConfEventSubscriptionProblem (4864) Type: communicationsAlarm (4) Package: netw Raised on class: netw.NetworkElement	Severity: major Implicitly cleared: true Default probable cause: NetConfEventSubscriptionFailed (1932)	Unspecified
Description: The alarm is raised when the 5620 SAM is unable to subscribe for Netconf event notification from a network element. For a WMM: if this problem persists it may result in a loss of PM file collection.		
Remedial action: Informational -if the alarm persists or is occurring frequently then investigation is required to understand why the Netconf event subscription configuration is failing.		

Table 41-522 NetworkElementChassisTypeMismatch

Alarm	Attributes	Applicable major releases
Name: NetworkElementChassisTypeMismatch (1946) Type: communicationsAlarm (4) Package: netw Raised on class: netw.DiscoveredNode	Severity: major Implicitly cleared: true Default probable cause: mismatchOfNetworkElementChassisType (934)	Unspecified
Description: The alarm is raised when the chassis type of the shadow network element does not match with the chassis type of the discovered NE.		
Remedial action: A configuration error has been made which must be corrected. The pre-provisioned NE chassis type defined must match the chassis type of the node being discovered.		

Table 41-523 NetworkElementTypeMismatch

Alarm	Attributes	Applicable major releases
Name: NetworkElementTypeMismatch (1947) Type: communicationsAlarm (4) Package: netw Raised on class: netw.DiscoveredNode	Severity: major Implicitly cleared: true Default probable cause: mismatchOfNetworkElementType (935)	Unspecified
Description: The alarm is raised when the type of the shadow network element does not match with the type of the discovered NE.		
Remedial action: A configuration error has been made which must be corrected. The pre-provisioned NE type defined must match the type of the node being discovered.		

Table 41-524 NetworkElementVersionMismatch

Alarm	Attributes	Applicable major releases
Name: NetworkElementVersionMismatch (1948) Type: communicationsAlarm (4) Package: netw Raised on class: netw.DiscoveredNode	Severity: major Implicitly cleared: true Default probable cause: mismatchOfNetworkElementVersion (936)	Unspecified
Description: The alarm is raised when the version of the shadow network element does not match with the version of the discovered NE.		
Remedial action: A configuration error has been made which must be corrected. The pre-provisioned NE version defined must match the version of the node being discovered.		

Table 41-525 NodeDatabaseCorruptionDetected

Alarm	Attributes	Applicable major releases
Name: NodeDatabaseCorruptionDetected (1961) Type: communicationsAlarm (4) Package: netw Raised on class: netw.NetworkElement	Severity: critical Implicitly cleared: true Default probable cause: nodeDatabaseCorrupted (948)	Unspecified
Description: This alarm is raised when an error in the node causes the node to lose its configuration and come up in an inconsistent/incomplete state. To overcome this it might be necessary to reconfigure the node.		
Remedial action: The node configuration is inconsistent. You may have to do a Reconfigure. However if it's a first discovery, you have to delete the node, then create a pre-provisioned NE instance, create a new discovery rule with a self-configuration policy and discover the node.		

Table 41-526 NodeSoftwareMisalignmentDetected

Alarm	Attributes	Applicable major releases
Name: NodeSoftwareMisalignmentDetected (4906) Type: communicationsAlarm (4) Package: netw Raised on class: netw.NetworkElement	Severity: critical Implicitly cleared: true Default probable cause: nodeSoftwareMisalignment (1962)	Unspecified
Description: The alarm is raised when a software misalignment has been detected on the node and comes back up with an unexpected software version (software change triggered by external tool) To correct this situation it is necessary to download and activate on the node the software referenced by SAM and then reconfigure the node with the 5620 SAM's current configuration.		
Remedial action: the NE software is misaligned. Perform a Download and Activate Software operation with the software version known by SAM which is the reference.		

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Table 41-527 noFunctioningScript

Alarm	Attributes	Applicable major releases
Name: noFunctioningScript (275) Type: configurationAlarm (11) Package: subscribernt Raised on class: subscribernt.Policy	Severity: critical Implicitly cleared: true Default probable cause: primaryBackupDown (207)	Unspecified
Description: The alarm is raised when all subscriber identification scripts are operationally down.		
Raising condition: (('isLocal' EQUAL 'true') AND ('Primary Script Operational State' NOT EQUAL 'Up') AND ('Secondary Script Operational State' NOT EQUAL 'Up') AND ('Tertiary Script Operational State' NOT EQUAL 'Up'))		
Clearing condition: (('isLocal' EQUAL 'true') AND (('Primary Script Operational State' EQUAL 'Up') OR ('Secondary Script Operational State' EQUAL 'Up') OR ('Tertiary Script Operational State' EQUAL 'Up'))		
Remedial action: If the DHCP ACK Python script processing behaviour is desired, please make sure that primary, secondary and tertiary scripts are installed and operationally up.		

Table 41-528 NoRPLOwner

Alarm	Attributes	Applicable major releases
Name: NoRPLOwner (3700) Type: configurationAlarm (11) Package: ethring Raised on class: ethring.RadioRing	Severity: major Implicitly cleared: false Default probable cause: norpltype (1438)	Unspecified
Description: The alarm is raised when there is No RPL Owner selected on a Radio Ring.		
Remedial action: Operator has to configure at least one of the Elements belonging to a Radio Ring as RPL Owner.		

Table 41-529 NotEnoughContiguousBlocks

Alarm	Attributes	Applicable major releases
Name: NotEnoughContiguousBlocks (4987) Type: configurationAlarm (11) Package: dhcp Raised on class: dhcp.LocalDhcp6Server	Severity: warning Implicitly cleared: false Default probable cause: notEnoughContiguousBlocks (2042)	Unspecified
Description: The alarm is raised when a lease cannot be created because not enough contiguous blocks are found for the requested delegated prefix size.		
Remedial action: This alarm is raised when a lease cannot be created because not enough contiguous blocks are found for the requested delegated prefix size. Please adjust the associated pools.		

Table 41-530 NTPNoServersAvail

Alarm	Attributes	Applicable major releases
Name: NTPNoServersAvail (4878) Type: communicationsAlarm (4) Package: ntp Raised on class: ntp.NTP	Severity: major Implicitly cleared: true Default probable cause: NTPNoServersAvail (1942)	Unspecified
Description: The alarm is generated when no NTP Servers are available.		
Remedial action: Please check if the configured servers are physically reachable (IP ping) from the node (Or) check if the configured servers are enabled as NTP Server (NTP Server attribute on General Tab) and their Operational state is Up (Or) check if the authentication keys are correctly defined on the client and the NTP server node.		

Table 41-531 NTPServerChange

Alarm	Attributes	Applicable major releases
Name: NTPServerChange (4880) Type: communicationsAlarm (4) Package: ntp Raised on class: ntp.NTP	Severity: info Implicitly cleared: false Default probable cause: NTPServerChange (1944)	Unspecified
Description: The alarm generated when more than one NTP servers are configured in a system and a different NTP server is selected because the operational status of the earlier NTP server has changed.		
Remedial action: This is informational alarm to indicate that the current clock source has changed for the node. Alarm needs to be manually cleared.		

Table 41-532 OCHTrailDown

Alarm	Attributes	Applicable major releases
Name: OCHTrailDown (3891) Type: communicationsAlarm (4) Package: optical Raised on class: optical.OCHTrail	Severity: critical Implicitly cleared: true Default probable cause: OperationalStateDown (1963)	Unspecified
Description: The alarm is raised when the termination point(s) of the OCH trail are operationally down.		
Remedial action: Informational - If the alarm persists or is occurring frequently then investigation is required by looking at the active alarms on the hops to understand why the underlying transport network is unreliable.		

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Table 41-533 OCHTrailMisConfigured

Alarm	Attributes	Applicable major releases
Name: OCHTrailMisConfigured (5125) Type: communicationsAlarm (4) Package: optical Raised on class: optical.OCHTrail	Severity: critical Implicitly cleared: false Default probable cause: OchCrossConnectionTrailNameMismatch (1391)	Unspecified
Description: The alarm is raised when all the OCh cross connections (XCs) of an OCh trail do not have the same trail name. In order for the auto wavekey processing to work properly, the XC name should be the same on all NEs of the OCh trail.		
Remedial action: Recreate the OCH Cross Connects with same OCH Trail name else Wave Tracker does not work properly.		

Table 41-534 ODUTrailDown

Alarm	Attributes	Applicable major releases
Name: ODUTrailDown (3892) Type: communicationsAlarm (4) Package: optical Raised on class: optical.ODUTrail	Severity: critical Implicitly cleared: true Default probable cause: OperationalStateDown (1963)	Unspecified
Description: The alarm is raised when the termination point(s) of the ODU trail are operationally down.		
Remedial action: Informational - If the alarm persists or is occurring frequently then investigation is required by looking at the active alarms on the hops to understand why the underlying transport network is unreliable.		

Table 41-535 ODUTrailMisConfigured

Alarm	Attributes	Applicable major releases
Name: ODUTrailMisConfigured (3893) Type: communicationsAlarm (4) Package: optical Raised on class: optical.ODUTrail	Severity: critical Implicitly cleared: false Default probable cause: OchCrossConnectionTrailNameMismatch (1391)	Unspecified
Description: The alarm is raised when all the OCh cross connections (XCs) of an OCh trail do not have the same trail name. In order for the auto wavekey processing to work properly, the XC name should be the same on all NEs of the OCh trail.		
Remedial action: Recreate the OCH Cross Connects with same OCH Trail name else Wave Tracker does not work properly.		

Table 41-536 OlcStateChangeAlarm

Alarm	Attributes	Applicable major releases
Name: OlcStateChangeAlarm (3740) Type: communicationsAlarm (4) Package: generic Raised on class: generic.GenericObject	Severity: info Implicitly cleared: false Default probable cause: unknown (1097)	Unspecified
Description: The alarm is raised to notify the user, when an OLC State change takes place at the specified revert time.		
Remedial action: Informational - This is a notification alarm to indicate that the object will revert it's OLC state.		

Table 41-537 OMSTrailDown

Alarm	Attributes	Applicable major releases
Name: OMSTrailDown (8082) Type: communicationsAlarm (4) Package: optical Raised on class: optical.OMSTrail	Severity: critical Implicitly cleared: true Default probable cause: OperationalStateDown (1963)	Unspecified
Description: The alarm is raised when termination point(s) of the OMS trail are operationally down.		
Remedial action: Informational - If the alarm persists or is occurring frequently then investigation is required by looking at the active alarms on the hops to understand why the underlying transport network is unreliable.		

Table 41-538 OperDownInvalidMac

Alarm	Attributes	Applicable major releases
Name: OperDownInvalidMac (8144) Type: configurationAlarm (11) Package: srrp Raised on class: srrp.Instance	Severity: minor Implicitly cleared: true Default probable cause: invalidMacAddress (2540)	Unspecified
Description: This Alarm is generated when the operational virtual MAC of an SRRP instance conflicts with the MAC of the parent interface.		
Remedial action: The alarm is generated when the operational virtual MAC of an SRRP instance conflicts with the MAC of the parent interface. The SRRP virtual router instance is not allowed to become operationally 'up'.		

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Table 41-539 OperDownInvalidMacClear

Alarm	Attributes	Applicable major releases
Name: OperDownInvalidMacClear (8145) Type: configurationAlarm (11) Package: srrp Raised on class: srrp.Instance	Severity: minor Implicitly cleared: true Default probable cause: invalidMacAddressCleared (2541)	Unspecified
Description: The Alarm is generated when a previously occurring OperDownInvalidMac notification has been cleared. Operational virtual MAC of an IPv4 SRRP instance does not have any conflict with the MAC of the parent interface.		
Remedial action: The alarm is generated when a previously occurring OperDownInvalidMac notification has been cleared. Operational virtual MAC of an IPv4 SRRP instance does not have any conflict with the MAC of the parent interface.		

Table 41-540 OpticalAmplifierLossOfInputOpticalPower

Alarm	Attributes	Applicable major releases
Name: OpticalAmplifierLossOfInputOpticalPower (1185) Type: communicationsAlarm (4) Package: ethernetequipment Raised on class: ethernetequipment.WaveLengthTracker	Severity: major Implicitly cleared: true Default probable cause: AmplifierLossOfInputOpticalPower (886)	Unspecified
Description: The alarm is raised when a device reports an Amplifier Loss of input optical power on an optical amplifier interface.		
Remedial action: Ensure that the input optical power at the face plate is greater than the minimum required		

Table 41-541 OpticalAmplifierLossOfOutputPower

Alarm	Attributes	Applicable major releases
Name: OpticalAmplifierLossOfOutputPower (1186) Type: communicationsAlarm (4) Package: ethernetequipment Raised on class: ethernetequipment.WaveLengthTracker	Severity: major Implicitly cleared: true Default probable cause: AmplifierLossOfOutputPower (887)	Unspecified
Description: The alarm is raised when a device reports an Amplifier Loss of output power on an optical amplifier interface.		
Remedial action: If the alarm is persistent: 1. clear the mda, 2. clear card 3. replace the card		

Table 41-542 OpticalAmplifierModuleCaseTemperatureHigh

Alarm	Attributes	Applicable major releases
Name: OpticalAmplifierModuleCaseTemperatureHigh (1180) Type: communicationsAlarm (4) Package: ethernetequipment Raised on class: ethernetequipment.WaveLengthTracker	Severity: major Implicitly cleared: true Default probable cause: AmplifierModuleCaseTemperatureHigh (881)	Unspecified
Description: The alarm is raised when a device reports an Amplifier Module Case Temperature High on an optical amplifier interface.		
Remedial action: Decrease the ambient temperature		

Table 41-543 OpticalAmplifierModuleCaseTemperatureLow

Alarm	Attributes	Applicable major releases
Name: OpticalAmplifierModuleCaseTemperatureLow (1181) Type: communicationsAlarm (4) Package: ethernetequipment Raised on class: ethernetequipment.WaveLengthTracker	Severity: major Implicitly cleared: true Default probable cause: AmplifierModuleCaseTemperatureLow (882)	Unspecified
Description: The alarm is raised when a device reports an Amplifier Module Case Temperature Low on an optical amplifier interface.		
Remedial action: Increase the ambient temperature		

Table 41-544 OpticalAmplifierModuleCommunicationFailure

Alarm	Attributes	Applicable major releases
Name: OpticalAmplifierModuleCommunicationFailure (1187) Type: communicationsAlarm (4) Package: ethernetequipment Raised on class: ethernetequipment.WaveLengthTracker	Severity: major Implicitly cleared: true Default probable cause: AmplifierModuleCommunicationFailure (888)	Unspecified
Description: The alarm is raised when a device reports an Amplifier Module Communication Failure on a tunable dispersion compensation module's interface.		
Remedial action: If the alarm is persistent: 1. clear the mda, 2. clear card 3. replace the card		

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Table 41-545 OpticalAmplifierPumpCurrent

Alarm	Attributes	Applicable major releases
Name: OpticalAmplifierPumpCurrent (1188) Type: communicationsAlarm (4) Package: ethernetequipment Raised on class: ethernetequipment.WaveLengthTracker	Severity: major Implicitly cleared: true Default probable cause: AmplifierPumpcurrent (889)	Unspecified
Description: The alarm is raised when a device reports an Amplifier Pump over current on an optical amplifier interface.		
Remedial action: If the alarm is persistent: 1. clear the mda, 2. clear card 3. replace the card		

Table 41-546 OpticalAmplifierPumpTemperature

Alarm	Attributes	Applicable major releases
Name: OPTicalAmplifierPumpTemperature (1182) Type: communicationsAlarm (4) Package: ethernetequipment Raised on class: ethernetequipment.WaveLengthTracker	Severity: major Implicitly cleared: true Default probable cause: AmplifierPumpTemperature (883)	Unspecified
Description: The alarm is raised when a device reports an Amplifier Pump Temperature on an optical amplifier interface.		
Remedial action: Decrease the ambient temperature		

Table 41-547 OpticalTdcMEEPROMInvalid

Alarm	Attributes	Applicable major releases
Name: OpticalTdcMEEPROMInvalid (1189) Type: communicationsAlarm (4) Package: ethernetequipment Raised on class: ethernetequipment.WaveLengthTracker	Severity: major Implicitly cleared: true Default probable cause: TdcMEEPROMInvalid (890)	Unspecified
Description: The alarm is raised when a device reports a TdcM EEPROM invalid on a tunable dispersion compensation module's interface.		
Remedial action: Replace the card		

Table 41-548 OpticalTdcModuleCommunicationFailure

Alarm	Attributes	Applicable major releases
Name: OpticalTdcModuleCommunicationFailure (1190) Type: communicationsAlarm (4) Package: ethernetequipment Raised on class: ethernetequipment.WaveLengthTracker	Severity: major Implicitly cleared: true Default probable cause: TdcModuleCommunicationFailure (891)	Unspecified
Description: The alarm is raised when a device reports a Tdc Module Communication Failure on a tunable dispersion compensation module's interface.		
Remedial action: If the alarm is persistent: 1. clear the mda, 2. clear card 3. replace the card		

Table 41-549 OpticalTdcModuleTemperatureHigh

Alarm	Attributes	Applicable major releases
Name: OPTicalTdcModuleTemperatureHigh (1183) Type: communicationsAlarm (4) Package: ethernetequipment Raised on class: ethernetequipment.WaveLengthTracker	Severity: major Implicitly cleared: true Default probable cause: TdcModuleTemperatureHigh (884)	Unspecified
Description: The alarm is raised when a device reports a Tdc Module Temperature High on a tunable dispersion compensation module's interface.		
Remedial action: Decrease the ambient temperature		

Table 41-550 OpticalTdcModuleTemperatureLow

Alarm	Attributes	Applicable major releases
Name: OPTicalTdcModuleTemperatureLow (1184) Type: communicationsAlarm (4) Package: ethernetequipment Raised on class: ethernetequipment.WaveLengthTracker	Severity: major Implicitly cleared: true Default probable cause: TdcModuleTemperatureLow (885)	Unspecified
Description: The alarm is raised when a device reports a Tdc Module Temperature Low on a tunable dispersion compensation module's interface.		
Remedial action: Increase the ambient temperature		

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Table 41-551 OpticalTdcnNotReady

Alarm	Attributes	Applicable major releases
Name: OpticalTdcnNotReady (1191) Type: communicationsAlarm (4) Package: ethernetequipment Raised on class: ethernetequipment.WaveLengthTracker	Severity: major Implicitly cleared: true Default probable cause: TdcnNotReady (892)	Unspecified
Description: The alarm is raised when a device reports a Tdcn Not Ready on a tunable dispersion compensation module's interface.		
Remedial action: This is a transient condition that should clear under normal operation but if it causes the link to fail and persists: 1. clear the mda, 2. clear card 3. replace the card		

Table 41-552 OpticalTdcnThermalControlTemperatureLimit

Alarm	Attributes	Applicable major releases
Name: OpticalTdcnThermalControlTemperatureLimit (1192) Type: communicationsAlarm (4) Package: ethernetequipment Raised on class: ethernetequipment.WaveLengthTracker	Severity: major Implicitly cleared: true Default probable cause: TdcnThermalControlTemperatureLimit (893)	Unspecified
Description: The alarm is raised when a device reports a Tdcn Thermal Control Temperature Limit on a tunable dispersion compensation module's interface.		
Remedial action: If this alarm persists: 1. clear the mda, 2. clear card 3. replace the card		

Table 41-553 OpticalTdcnThermalControlUnlocked

Alarm	Attributes	Applicable major releases
Name: OpticalTdcnThermalControlUnlocked (1193) Type: communicationsAlarm (4) Package: ethernetequipment Raised on class: ethernetequipment.WaveLengthTracker	Severity: major Implicitly cleared: true Default probable cause: TdcnThermalControlUnlocked (894)	Unspecified
Description: The alarm is raised when a device reports a Tdcn Thermal Control Unlocked on a tunable dispersion compensation module's interface.		
Remedial action: This is a transient condition that should clear under normal operation but if it causes the link to fail and persists: 1. clear the mda, 2. clear card 3. replace the card		

Table 41-554 OspfExportLimitDropped

Alarm	Attributes	Applicable major releases
Name: OspfExportLimitDropped (1924) Type: configurationAlarm (11) Package: ospf Raised on class: ospf.Site	Severity: warning Implicitly cleared: false Default probable cause: exportLimitDropped (598)	Unspecified
Description: The alarm is raised when the total number of exported routes to the OSPF level, drops below the configured limit.		
Remedial action: Informational - the total number of exported routes from the route table to this OSPF level drops below the configured export limit.		

Table 41-555 OspfExportLimitReached

Alarm	Attributes	Applicable major releases
Name: OspfExportLimitReached (1925) Type: configurationAlarm (11) Package: ospf Raised on class: ospf.Site	Severity: warning Implicitly cleared: false Default probable cause: exportLimitReached (599)	Unspecified
Description: The alarm is raised when the total number of routes to the OSPF level is equal to the configured limit for exported routes.		
Remedial action: Informational - the total number of routes for the level is equal to the configured limit for exported routes		

Table 41-556 OspfExportLimitWarning

Alarm	Attributes	Applicable major releases
Name: OspfExportLimitWarning (1926) Type: configurationAlarm (11) Package: ospf Raised on class: ospf.Site	Severity: warning Implicitly cleared: false Default probable cause: exportLimitWarning (600)	Unspecified
Description: The alarm is raised when the total number of exported routes to the OSPF level is equal to the configured percentage, vRtrIsisExportLimitLogPercent of the export limit.		
Remedial action: Informational - the total number of exported routes or the level is equal to the configured Export Limit Log Percent		

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Table 41-557 OspfExternalLsaThresholdExceeded

Alarm	Attributes	Applicable major releases
Name: OspfExternalLsaThresholdExceeded (372) Type: topologyAlarm (34) Package: topology Raised on class: topology.Cpaa	Severity: major Implicitly cleared: true Default probable cause: manyExternalLSAsFloodingIntoIGP (271)	Unspecified
Description: The alarm is raised when the number of OSPF external LSAs exceeds the maximum threshold because a large number of external LSAs flooding into the IGP.		
Remedial action: User configured alarm for monitoring purpose. The advertised external routes can be viewed using CPAM IGP prefix list.		

Table 41-558 OspfIfTxRetransmit

Alarm	Attributes	Applicable major releases
Name: OspfIfTxRetransmit (662) Type: communicationsAlarm (4) Package: ospf Raised on class: ospf.Interface	Severity: warning Implicitly cleared: false Default probable cause: hello (47) Applicable probable causes: <ul style="list-style-type: none"> • hello • dbDescript • lsReq • lsUpdate • lsAck • nullPacket 	Unspecified
Description: The alarm is raised when an NE retransmits an OSPF packet. The alarm information includes the NE ID of the OSPF neighbor. The alarm is not raised against a Release 4.0 or later NE.		
Remedial action: Informational - an NE retransmits an OSPF packet. The alarm information includes the NE ID of the OSPF neighbor. The alarm is not raised against a Release 4.0 or later NE.		

Table 41-559 OspfInternalLsaRateThresholdExceededPerArea

Alarm	Attributes	Applicable major releases
Name: OspfInternalLsaRateThresholdExceededPerArea (310) Type: topologyAlarm (34) Package: topology Raised on class: topology.Area	Severity: major Implicitly cleared: true Default probable cause: unstableIGPNetwork (241)	Unspecified
Description: The alarm is raised when the OSPF internal LSA rate for an area exceeds the maximum allowed value because of an unstable IGP network.		
Remedial action: User configured alarm for monitoring purpose. IGP historical map can be used for debugging purpose.		

Table 41-560 OspfInternalLsaThresholdExceededPerArea

Alarm	Attributes	Applicable major releases
Name: OspfInternalLsaThresholdExceededPerArea (309) Type: topologyAlarm (34) Package: topology Raised on class: topology.Area	Severity: major Implicitly cleared: true Default probable cause: largeIgpNetwork (240)	Unspecified
Description: The alarm is raised when the number of OSPF internal LSAs for an area exceeds the maximum allowed value because of a large IGP network.		
Remedial action: User configured alarm for monitoring purpose. IGP historical map can be used for debugging purpose.		

Table 41-561 OspfLsaRateThresholdExceededPerRouter

Alarm	Attributes	Applicable major releases
Name: OspfLsaRateThresholdExceededPerRouter (308) Type: topologyAlarm (34) Package: topology Raised on class: topology.Router	Severity: major Implicitly cleared: true Default probable cause: unstableLinksOnRouter (239)	Unspecified
Description: The alarm is raised when the OSPF LSA rate for an NE exceeds the maximum allowed value because of an unstable NE link.		
Remedial action: User configured alarm for monitoring purpose. IGP historical map can be used for debugging purpose.		

Table 41-562 OspfLsaThresholdExceededPerRouter

Alarm	Attributes	Applicable major releases
Name: OspfLsaThresholdExceededPerRouter (374) Type: topologyAlarm (34) Package: topology Raised on class: topology.Router	Severity: major Implicitly cleared: true Default probable cause: routerAdvertisingManyLSAs (273)	Unspecified
Description: The alarm is raised when the number of OSPF LSAs for an NE exceeds the maximum allowed value because the NE advertises too many LSAs.		
Remedial action: User configured alarm for monitoring purpose. IGP historical map can be used for debugging purpose.		

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Table 41-563 OTSTrailDown

Alarm	Attributes	Applicable major releases
Name: OTSTrailDown (8084) Type: communicationsAlarm (4) Package: optical Raised on class: optical.OTSTrail	Severity: critical Implicitly cleared: true Default probable cause: OperationalStateDown (1963)	Unspecified
Description: The alarm is raised when the termination point(s) of the OTS trail are operationally down.		
Remedial action: Informational - If the alarm persists or is occurring frequently then investigation is required by looking at the active alarms on the hops to understand why the underlying transport network is unreliable.		

Table 41-564 OTUAlarmIndicationSignal

Alarm	Attributes	Applicable major releases
Name: OTUAlarmIndicationSignal (755) Type: communicationsAlarm (4) Package: ethernetequipment Raised on class: ethernetequipment.OtuInterface	Severity: major Implicitly cleared: true Default probable cause: AlarmIndicationSignal (531)	Unspecified
Description: The alarm is raised when a device reports an AIS on an OTU-enabled interface.		
Remedial action: One of the following conditions exists on the referenced physical interface which must be corrected. A cable/fiber fault exists which must be corrected - check to ensure that the cable is not faulty and is properly connected. The port is faulty - run diagnostics on the port to determine the nature of the fault. If the problem cannot be resolved swap the card containing the port with a card which is known be functional.		

Table 41-565 OTUBackwardDefectIndication

Alarm	Attributes	Applicable major releases
Name: OTUBackwardDefectIndication (756) Type: communicationsAlarm (4) Package: ethernetequipment Raised on class: ethernetequipment.OtuInterface	Severity: major Implicitly cleared: true Default probable cause: BackwardDefectIndication (532)	Unspecified
Description: The alarm is raised when a device reports a BDI on an OTU-enabled interface.		
Remedial action: One of the following conditions exists on the referenced physical interface which must be corrected. A cable/fiber fault exists which must be corrected - check to ensure that the cable is not faulty and is properly connected. The port is faulty - run diagnostics on the port to determine the nature of the fault. If the problem cannot be resolved swap the card containing the port with a card which is known be functional.		

Table 41-566 OTUBackwardIncomingAlignmentError

Alarm	Attributes	Applicable major releases
Name: OTUBackwardIncomingAlignmentError (815) Type: communicationsAlarm (4) Package: ethernetequipment Raised on class: ethernetequipment.OtuInterface	Severity: major Implicitly cleared: true Default probable cause: BackwardIncomingAlignmentError (578)	Unspecified
Description: The alarm is raised when a device reports an ODU alarm indication signal on an OTU-enabled interface.		
Remedial action: One of the following conditions exists on the referenced physical interface which must be corrected. A cable/fiber fault exists which must be corrected - check to ensure that the cable is not faulty and is properly connected. The port is faulty - run diagnostics on the port to determine the nature of the fault. If the problem cannot be resolved swap the card containing the port with a card which is known be functional.		

Table 41-567 OTUBitErrorRateSignalDegradation

Alarm	Attributes	Applicable major releases
Name: OTUBitErrorRateSignalDegradation (757) Type: communicationsAlarm (4) Package: ethernetequipment Raised on class: ethernetequipment.OtuInterface	Severity: major Implicitly cleared: true Default probable cause: BitErrorRateSignalDegradation (533)	Unspecified
Description: The alarm is raised when a device reports a BER-SD on an OTU-enabled interface.		
Remedial action: One of the following conditions exists on the referenced physical interface which must be corrected. A cable/fiber fault exists which must be corrected - check to ensure that the cable is not faulty and is properly connected. The port is faulty - run diagnostics on the port to determine the nature of the fault. If the problem cannot be resolved swap the card containing the port with a card which is known be functional.		

Table 41-568 OTUBitErrorRateSignalFail

Alarm	Attributes	Applicable major releases
Name: OTUBitErrorRateSignalFail (758) Type: communicationsAlarm (4) Package: ethernetequipment Raised on class: ethernetequipment.OtuInterface	Severity: critical Implicitly cleared: true Default probable cause: BitErrorRateSignalFail (534)	Unspecified
Description: The alarm is raised when a device reports a BER-SF on an OTU-enabled interface.		
Remedial action: One of the following conditions exists on the referenced physical interface which must be corrected. A cable/fiber fault exists which must be corrected - check to ensure that the cable is not faulty and is properly connected. The port is faulty - run diagnostics on the port to determine the nature of the fault. If the problem cannot be resolved swap the card containing the port with a card which is known be functional.		

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Table 41-569 OTUFECRxTxModeMismatch

Alarm	Attributes	Applicable major releases
Name: OTUFECRxTxModeMismatch (759) Type: communicationsAlarm (4) Package: ethernetequipment Raised on class: ethernetequipment.OtuInterface	Severity: critical Implicitly cleared: true Default probable cause: FECRxTxModeMismatch (535)	Unspecified
Description: The alarm is raised when a device reports a FEC Rx/Tx mode mismatch on an OTU-enabled interface.		
Remedial action: One of the following conditions exists on the referenced physical interface which must be corrected. A cable/fiber fault exists which must be corrected - check to ensure that the cable is not faulty and is properly connected. The port is faulty - run diagnostics on the port to determine the nature of the fault. If the problem cannot be resolved swap the card containing the port with a card which is known be functional.		

Table 41-570 OTUFECSignalDegradation

Alarm	Attributes	Applicable major releases
Name: OTUFECSignalDegradation (760) Type: communicationsAlarm (4) Package: ethernetequipment Raised on class: ethernetequipment.OtuInterface	Severity: major Implicitly cleared: true Default probable cause: FECSignalDegradation (536)	Unspecified
Description: The alarm is raised when a device reports a FEC-SD on an OTU-enabled interface.		
Remedial action: One of the following conditions exists on the referenced physical interface which must be corrected. A cable/fiber fault exists which must be corrected - check to ensure that the cable is not faulty and is properly connected. The port is faulty - run diagnostics on the port to determine the nature of the fault. If the problem cannot be resolved swap the card containing the port with a card which is known be functional.		

Table 41-571 OTUFECSignalFailure

Alarm	Attributes	Applicable major releases
Name: OTUFECSignalFailure (761) Type: communicationsAlarm (4) Package: ethernetequipment Raised on class: ethernetequipment.OtuInterface	Severity: major Implicitly cleared: true Default probable cause: FECSignalFailure (537)	Unspecified
Description: The alarm is raised when a device reports a FEC-SF on an OTU-enabled interface.		
Remedial action: One of the following conditions exists on the referenced physical interface which must be corrected. A cable/fiber fault exists which must be corrected - check to ensure that the cable is not faulty and is properly connected. The port is faulty - run diagnostics on the port to determine the nature of the fault. If the problem cannot be resolved swap the card containing the port with a card which is known be functional.		

Table 41-572 OTUIncomingAlignmentError

Alarm	Attributes	Applicable major releases
Name: OTUIncomingAlignmentError (816) Type: communicationsAlarm (4) Package: ethernetequipment Raised on class: ethernetequipment.OtuInterface	Severity: major Implicitly cleared: true Default probable cause: IncomingAlignmentError (579)	Unspecified
Description: The alarm is raised when a device reports an ODU open connection indication on an OTU-enabled interface.		
Remedial action: One of the following conditions exists on the referenced physical interface which must be corrected. A cable/fiber fault exists which must be corrected - check to ensure that the cable is not faulty and is properly connected. The port is faulty - run diagnostics on the port to determine the nature of the fault. If the problem cannot be resolved swap the card containing the port with a card which is known be functional.		

Table 41-573 OTULossOfClock

Alarm	Attributes	Applicable major releases
Name: OTULossOfClock (762) Type: communicationsAlarm (4) Package: ethernetequipment Raised on class: ethernetequipment.OtuInterface	Severity: critical Implicitly cleared: true Default probable cause: LossOfClock (538)	Unspecified
Description: The alarm is raised when a device reports an LOC on an OTU-enabled interface.		
Remedial action: One of the following conditions exists on the referenced physical interface which must be corrected. A cable/fiber fault exists which must be corrected - check to ensure that the cable is not faulty and is properly connected. The port is faulty - run diagnostics on the port to determine the nature of the fault. If the problem cannot be resolved swap the card containing the port with a card which is known be functional.		

Table 41-574 OTULossOfFraming

Alarm	Attributes	Applicable major releases
Name: OTULossOfFraming (763) Type: communicationsAlarm (4) Package: ethernetequipment Raised on class: ethernetequipment.OtuInterface	Severity: critical Implicitly cleared: true Default probable cause: LossOfFraming (539)	Unspecified
Description: The alarm is raised when a device reports an LOF on an OTU-enabled interface.		
Remedial action: One of the following conditions exists on the referenced physical interface which must be corrected. A cable/fiber fault exists which must be corrected - check to ensure that the cable is not faulty and is properly connected. The port is faulty - run diagnostics on the port to determine the nature of the fault. If the problem cannot be resolved swap the card containing the port with a card which is known be functional.		

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Table 41-575 OTULossOfMultiFrame

Alarm	Attributes	Applicable major releases
Name: OTULossOfMultiFrame (764) Type: communicationsAlarm (4) Package: ethernetequipment Raised on class: ethernetequipment.OtuInterface	Severity: major Implicitly cleared: true Default probable cause: LossOfMultiFrame (540)	Unspecified
Description: The alarm is raised when a device reports an LOM on an OTU-enabled interface.		
Remedial action: One of the following conditions exists on the referenced physical interface which must be corrected. A cable/fiber fault exists which must be corrected - check to ensure that the cable is not faulty and is properly connected. The port is faulty - run diagnostics on the port to determine the nature of the fault. If the problem cannot be resolved swap the card containing the port with a card which is known be functional.		

Table 41-576 OTULossOfSignal

Alarm	Attributes	Applicable major releases
Name: OTULossOfSignal (765) Type: communicationsAlarm (4) Package: ethernetequipment Raised on class: ethernetequipment.OtuInterface	Severity: critical Implicitly cleared: true Default probable cause: LossOfSignal (541)	Unspecified
Description: The alarm is raised when a device reports an LOS on an OTU-enabled interface.		
Remedial action: One of the following conditions exists on the referenced physical interface which must be corrected. A cable/fiber fault exists which must be corrected - check to ensure that the cable is not faulty and is properly connected. The port is faulty - run diagnostics on the port to determine the nature of the fault. If the problem cannot be resolved swap the card containing the port with a card which is known be functional.		

Table 41-577 OTUODUAlarmIndicationSignal

Alarm	Attributes	Applicable major releases
Name: OTUODUAlarmIndicationSignal (766) Type: communicationsAlarm (4) Package: ethernetequipment Raised on class: ethernetequipment.OtuInterface	Severity: major Implicitly cleared: true Default probable cause: ODUAlarmIndicationSignal (542)	Unspecified
Description: The alarm is raised when a device reports an ODU AIS on an OTU-enabled interface.		
Remedial action: One of the following conditions exists on the referenced physical interface which must be corrected. A cable/fiber fault exists which must be corrected - check to ensure that the cable is not faulty and is properly connected. The port is faulty - run diagnostics on the port to determine the nature of the fault. If the problem cannot be resolved swap the card containing the port with a card which is known be functional.		

Table 41-578 OTUODULocked

Alarm	Attributes	Applicable major releases
Name: OTUODULocked (767) Type: communicationsAlarm (4) Package: ethernetequipment Raised on class: ethernetequipment.OtuInterface	Severity: critical Implicitly cleared: true Default probable cause: ODULocked (543)	Unspecified
Description: The alarm is raised when a device reports an ODU locked on an OTU-enabled interface.		
Remedial action: One of the following conditions exists on the referenced physical interface which must be corrected. A cable/fiber fault exists which must be corrected - check to ensure that the cable is not faulty and is properly connected. The port is faulty - run diagnostics on the port to determine the nature of the fault. If the problem cannot be resolved swap the card containing the port with a card which is known be functional.		

Table 41-579 OTUODUOpenConnectionIndication

Alarm	Attributes	Applicable major releases
Name: OTUODUOpenConnectionIndication (768) Type: communicationsAlarm (4) Package: ethernetequipment Raised on class: ethernetequipment.OtuInterface	Severity: critical Implicitly cleared: true Default probable cause: ODUOpenConnectionIndication (544)	Unspecified
Description: The alarm is raised when a device reports an ODU-OCI on an OTU-enabled interface.		
Remedial action: One of the following conditions exists on the referenced physical interface which must be corrected. A cable/fiber fault exists which must be corrected - check to ensure that the cable is not faulty and is properly connected. The port is faulty - run diagnostics on the port to determine the nature of the fault. If the problem cannot be resolved swap the card containing the port with a card which is known be functional.		

Table 41-580 OTUOPUPSIPayloadTypeMismatch

Alarm	Attributes	Applicable major releases
Name: OTUOPUPSIPayloadTypeMismatch (817) Type: communicationsAlarm (4) Package: ethernetequipment Raised on class: ethernetequipment.OtuInterface	Severity: major Implicitly cleared: true Default probable cause: OPUPSIPayloadTypeMismatch (580)	Unspecified
Description: The alarm is raised when a device reports a PM backward defect indication on an OTU-enabled interface.		
Remedial action: One of the following conditions exists on the referenced physical interface which must be corrected. A cable/fiber fault exists which must be corrected - check to ensure that the cable is not faulty and is properly connected. The port is faulty - run diagnostics on the port to determine the nature of the fault. If the problem cannot be resolved swap the card containing the port with a card which is known be functional.		

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Table 41-581 OTUOPUPSITraceMismatch

Alarm	Attributes	Applicable major releases
Name: OTUOPUPSITraceMismatch (818) Type: communicationsAlarm (4) Package: ethernetequipment Raised on class: ethernetequipment.OtuInterface	Severity: major Implicitly cleared: true Default probable cause: OPUPSITraceMismatch (581)	Unspecified
Description: The alarm is raised when a device reports an ODU locked indication on an OTU-enabled interface.		
Remedial action: One of the following conditions exists on the referenced physical interface which must be corrected. A cable/fiber fault exists which must be corrected - check to ensure that the cable is not faulty and is properly connected. The port is faulty - run diagnostics on the port to determine the nature of the fault. If the problem cannot be resolved swap the card containing the port with a card which is known be functional.		

Table 41-582 OTUPMBackwardDefectIndication

Alarm	Attributes	Applicable major releases
Name: OTUPMBackwardDefectIndication (769) Type: communicationsAlarm (4) Package: ethernetequipment Raised on class: ethernetequipment.OtuInterface	Severity: major Implicitly cleared: true Default probable cause: PMBackwardDefectIndication (545)	Unspecified
Description: The alarm is raised when a device reports a PM BDI on an OTU-enabled interface.		
Remedial action: One of the following conditions exists on the referenced physical interface which must be corrected. A cable/fiber fault exists which must be corrected - check to ensure that the cable is not faulty and is properly connected. The port is faulty - run diagnostics on the port to determine the nature of the fault. If the problem cannot be resolved swap the card containing the port with a card which is known be functional.		

Table 41-583 OTUPMTraceIDMismatch

Alarm	Attributes	Applicable major releases
Name: OTUPMTraceIDMismatch (819) Type: communicationsAlarm (4) Package: ethernetequipment Raised on class: ethernetequipment.OtuInterface	Severity: major Implicitly cleared: true Default probable cause: PMTraceIDMismatch (582)	Unspecified
Description: The alarm is raised when a device reports an ODU open connection indication on an OTU-enabled interface.		
Remedial action: One of the following conditions exists on the referenced physical interface which must be corrected. A cable/fiber fault exists which must be corrected - check to ensure that the cable is not faulty and is properly connected. The port is faulty - run diagnostics on the port to determine the nature of the fault. If the problem cannot be resolved swap the card containing the port with a card which is known be functional.		

Table 41-584 OTUTraceIdMismatch

Alarm	Attributes	Applicable major releases
Name: OTUTraceIdMismatch (820) Type: communicationsAlarm (4) Package: ethernetEquipment Raised on class: ethernetEquipment.OtuInterface	Severity: major Implicitly cleared: true Default probable cause: TraceIdMismatch (583)	Unspecified
Description: The alarm is raised when a device reports a trace ID mismatch on an OTU-enabled interface.		
Remedial action: One of the following conditions exists on the referenced physical interface which must be corrected. A cable/fiber fault exists which must be corrected - check to ensure that the cable is not faulty and is properly connected. The port is faulty - run diagnostics on the port to determine the nature of the fault. If the problem cannot be resolved swap the card containing the port with a card which is known be functional.		

Table 41-585 OTUTrailDown

Alarm	Attributes	Applicable major releases
Name: OTUTrailDown (5126) Type: communicationsAlarm (4) Package: optical Raised on class: optical.OTUTrail	Severity: critical Implicitly cleared: true Default probable cause: OperationalStateDown (1963)	Unspecified
Description: The alarm is raised when the termination point(s) of the OTU trail are operationally down.		
Remedial action: Informational - If the alarm persists or is occurring frequently then investigation is required by looking at the active alarms on the hops to understand why the underlying transport network is unreliable.		

Table 41-586 OTUTrailMisConfigured

Alarm	Attributes	Applicable major releases
Name: OTUTrailMisConfigured (5127) Type: communicationsAlarm (4) Package: optical Raised on class: optical.OTUTrail	Severity: critical Implicitly cleared: false Default probable cause: OchCrossConnectionTrailNameMisMatch (1391)	Unspecified
Description: The alarm is raised when all the OCh cross connections (XCs) of an OTU trail do not have the same trail name. In order for the auto wavekey processing to work properly, the XC name should be the same on all NEs of the OTU trail.		
Remedial action: Recreate the OCH Cross Connects with same Trail name else Wave Tracker does not work properly.		

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Table 41-587 OTUUncorrectableFECErrors

Alarm	Attributes	Applicable major releases
Name: OTUUncorrectableFECErrors (770) Type: communicationsAlarm (4) Package: ethernetequipment Raised on class: ethernetequipment.OtuInterface	Severity: major Implicitly cleared: true Default probable cause: UncorrectableFECErrors (546)	Unspecified
Description: The alarm is raised when a device reports one or more uncorrectable FEC errors on an OTU-enabled interface.		
Remedial action: One of the following conditions exists on the referenced physical interface which must be corrected. A cable/fiber fault exists which must be corrected - check to ensure that the cable is not faulty and is properly connected. The port is faulty - run diagnostics on the port to determine the nature of the fault. If the problem cannot be resolved swap the card containing the port with a card which is known be functional.		

Table 41-588 OutOfSlots

Alarm	Attributes	Applicable major releases
Name: OutOfSlots (462) Type: configurationAlarm (11) Package: equipment Raised on class: equipment.Shelf	Severity: major Implicitly cleared: false Default probable cause: noAvailableSlotNumbers (352)	Unspecified
Description: The alarm is raised when a stack element enters pass-through mode because there is no slot number for the element.		
Remedial action: Login to switch console, correct the slot number and reload stack.		

Table 41-589 ParentTemplateInvalid

Alarm	Attributes	Applicable major releases
Name: ParentTemplateInvalid (194) Type: configurationAlarm (11) Package: template Raised on class: template.TemplateBinding	Severity: major Implicitly cleared: true Default probable cause: referencedObjectInvalid (152)	Unspecified
Description: The alarm is raised when a parent template in a template binding is invalid. The alarm is deprecated in the 5620 SAM, Release 6.0 and later.		
Raising condition: ('parentTemplateInvalidReference' EQUAL 'true')		
Clearing condition: ('parentTemplateInvalidReference' EQUAL 'false')		
Remedial action: Informational - deprecated 6.0		

Table 41-590 PathReoptimized

Alarm	Attributes	Applicable major releases
Name: PathReoptimized (28) Type: pathAlarm (12) Package: mpls Raised on class: mpls.Tunnel	Severity: warning Implicitly cleared: false Default probable cause: pathReoptimized (21)	Unspecified
Description: The alarm is raised when an MPLS path generates an mplsTunnelReoptimized trap.		
Remedial action: Informational only.		

Table 41-591 PathRerouted

Alarm	Attributes	Applicable major releases
Name: PathRerouted (29) Type: pathAlarm (12) Package: mpls Raised on class: mpls.Tunnel	Severity: warning Implicitly cleared: false Default probable cause: pathRerouted (22)	Unspecified
Description: The alarm is raised when an MPLS path generates an mplsTunnelRerouted trap.		
Remedial action: Informational only.		

Table 41-592 PbbSiteMisconfiguration

Alarm	Attributes	Applicable major releases
Name: PbbSiteMisconfiguration (571) Type: configurationAlarm (11) Package: vpls Raised on class: vpls.AbstractVpls	Severity: warning Implicitly cleared: true Default probable cause: includeBothBAndISite (440)	Unspecified
Description: The alarm is raised when a VPLS contains a B-Site and an I-Site.		
Raising condition: (('Include B-Site(s)' EQUAL 'true') AND ('Include I-Site(s)' EQUAL 'true'))		
Clearing condition: (('Include B-Site(s)' NOT EQUAL 'true') OR ('Include I-Site(s)' NOT EQUAL 'true'))		
Remedial action: A configuration error has occurred which needs to be corrected. The service can have only an I-site or a B-site but not both.		

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Table 41-593 PChipCAMEvent

Alarm	Attributes	Applicable major releases
Name: PChipCAMEvent (814) Type: hardwareAnomaly (55) Package: equipment Raised on class: equipment.Card	Severity: warning Implicitly cleared: true Default probable cause: camError (577)	Unspecified
Description: The alarm is raised when an IOM or CPM experiences a P-chip CAM error.		
Remedial action: Informational - if the condition persists then the card indicated in the alarm should be replaced.		

Table 41-594 PChipError

Alarm	Attributes	Applicable major releases
Name: PChipError (593) Type: hardwareAnomaly (55) Package: equipment Raised on class: equipment.BaseCard	Severity: minor Implicitly cleared: true Default probable cause: pChipError (447)	Unspecified
Description: The alarm is raised when persistent FCS errors are detected on the specified complex in the specified direction.		
Remedial action: A fault has been detected in the hardware. If the problem persists please contact Alcatel-Lucent support for assistance.		

Table 41-595 PChipMemoryEvent

Alarm	Attributes	Applicable major releases
Name: PChipMemoryEvent (608) Type: hardwareAnomaly (55) Package: equipment Raised on class: equipment.BaseCard	Severity: warning Implicitly cleared: true Default probable cause: memoryParityError (451)	Unspecified
Description: The alarm is raised when a P chip detects a memory parity error. The alarm is raised against a 7450 ESS, 7710 SR, or 7750 SR. The alarm is raised against a Release 6.0 NE at R10 or later and a Release 6.1 NE at R5 or later.		
Remedial action: A fault has been detected in the hardware if the problem persists please contact Alcatel-Lucent support for assistance.		

Table 41-596 peerSetConfigurationIssue

Alarm	Attributes	Applicable major releases
Name: peerSetConfigurationIssue (267) Type: configurationAlarm (11) Package: pim Raised on class: pim.VirtualAnyCastRP	Severity: major Implicitly cleared: true Default probable cause: mismatchPeerSets (199)	Unspecified
Description: The alarm is raised when a peer set is misconfigured.		
Remedial action: A configuration error has occurred that must be corrected. Please check the global Virtual Anycast RP configuration and its operational status flag so that the Inconsistent Peer Sets and Only one peer bits are reset.		

Table 41-597 PeerUnreachable

Alarm	Attributes	Applicable major releases
Name: PeerUnreachable (842) Type: ProtocolAlarm (1) Package: l2tp Raised on class: l2tp.Peer	Severity: variable Implicitly cleared: true Default probable cause: protocolDown (1)	Unspecified
Description: The alarm is raised when an L2TP peer becomes unreachable.		
Remedial action: This alarm is raised when L2TP peer is unreachable. Please verify the L2TP tunnel profile configuration to ensure that the peer is properly configured. Also verify that the peer is actually reachable from this network element. This alarm is cleared automatically when L2TP Peer becomes reachable.		

Table 41-598 PersistenceRestoreProblem

Alarm	Attributes	Applicable major releases
Name: PersistenceRestoreProblem (5141) Type: processingErrorAlarm (81) Package: sw Raised on class: sw.NodePersistence	Severity: minor Implicitly cleared: false Default probable cause: persistenceRestoreProblem (2064)	Unspecified
Description: The alarm is raised when an error is detected while processing a persistence record.		
Remedial action: Check the node persistence configuration.		

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Table 41-599 PersistencyFileSysThresRaised

Alarm	Attributes	Applicable major releases
Name: PersistencyFileSysThresRaised (5142) Type: equipmentAlarm (3) Package: sw Raised on class: sw.NodePersistence	Severity: major Implicitly cleared: true Default probable cause: persistencyFileSysThresRaised (2065)	Unspecified
Description: The alarm is raised when the filesystem reaches 90 percent usage.		
Remedial action: Delete unnecessary files on the compact flash disk. This operation must be executed using CLI interface on the NE.		

Table 41-600 PhysicalLinkDown

Alarm	Attributes	Applicable major releases
Name: PhysicalLinkDown (1140) Type: communicationsAlarm (4) Package: mpr Raised on class: mpr.VlanPath	Severity: major Implicitly cleared: true Default probable cause: PhysicalLinkDown (846)	Unspecified
Description: The alarm is raised when the physical link between two hops of a VLAN path is down.		
Remedial action: Check if the port that is used in the physical link is operationally up.		

Table 41-601 PkiCertVerificationFailed

Alarm	Attributes	Applicable major releases
Name: PkiCertVerificationFailed (3743) Type: configurationAlarm (11) Package: ipsec Raised on class: ipsec.IPSecBaseEntity	Severity: major Implicitly cleared: true Default probable cause: pkiCertInvalid (1478)	Unspecified
Description: The alarm is raised when an attempt to verify the certificate fails.		
Remedial action: An attempt to verify the certificate fails. Please make sure the certificate specified exists under the node cf3:system-pki and is a valid certificate		

Table 41-602 PkiFileReadFailed (ipsec)

Alarm	Attributes	Applicable major releases
Name: PkiFileReadFailed (3744) Type: configurationAlarm (11) Package: ipsec Raised on class: ipsec.IPSecBaseEntity	Severity: major Implicitly cleared: true Default probable cause: pkiFileReadCorrupted (1479)	Unspecified
Description: The alarm is raised when an attempt to read the file fails.		
Remedial action: An attempt to read the PKI file fails. Please make sure the path specified is correct and the file exists under the node cf3:system-pki		

Table 41-603 PkiFileReadFailed (sitesec)

Alarm	Attributes	Applicable major releases
Name: PkiFileReadFailed (3744) Type: configurationAlarm (11) Package: sitesec Raised on class: sitesec.CertificateAuthProfile	Severity: major Implicitly cleared: true Default probable cause: pkiFileReadCorrupted (1479)	Unspecified
Description: The alarm is raised when an attempt to read the file fails.		
Remedial action: An attempt to read the PKI file fails. Please make sure the path specified is correct and the file exists under the node cf3:system-pki		

Table 41-604 PlcyAcctStatsEventOvrflw

Alarm	Attributes	Applicable major releases
Name: PlcyAcctStatsEventOvrflw (5640) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.Card	Severity: minor Implicitly cleared: true Default probable cause: PlcyAcctStatsPoolInUseExcAndLow (2415)	Unspecified
Description: The alarm is raised because of resource usage fluctuation that happens when the number of in-use stats resource usage exceeds 95 percent and deprecates below 85 percent of the specified stats pool limit more than 200 times.		
Remedial action: Notifications will resume once the resource usage fluctuation is in control i.e when the occurrence of tmnxPlcyAcctStatsPoolExcResource and tmnxPlcyAcctStatsPoolLowResource is less than 200.		

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Table 41-605 PMFileRecovery

Alarm	Attributes	Applicable major releases
Name: PMFileRecovery (4867) Type: communicationsAlarm (4) Package: netw Raised on class: netw.NetworkElement	Severity: major Implicitly cleared: false Default probable cause: netconfDown (1935)	Unspecified
Description: The alarm is raised when a 5620 SAM main server loses connectivity to an NE and as a result retrieves PM files that were not previously collected.		
Remedial action: Informational		

Table 41-606 PoolMinFreeExc

Alarm	Attributes	Applicable major releases
Name: PoolMinFreeExc (3696) Type: configurationAlarm (11) Package: dhcp Raised on class: dhcp.AddressPool	Severity: warning Implicitly cleared: false Default probable cause: actualFreeAddrBelowPoolMin (1434)	Unspecified
Description: The alarm is raised when the actual number of free addresses in a pool falls below the desired minimum number specified in the address pool configuration.		
Remedial action: The alarm is raised when the actual number of free addresses in a pool falls below the desired minimum number specified in the address pool configuration.		

Table 41-607 PortsSeggregated

Alarm	Attributes	Applicable major releases
Name: PortsSeggregated (746) Type: communicationsAlarm (4) Package: mpr Raised on class: mpr.VlanPathInstance	Severity: major Implicitly cleared: true Default probable cause: portsSeggregated (522)	Unspecified
Description: The alarm is raised when the two ports that are to be part of a service cross-connect are segregated.		
Remedial action: Segregated ports are being used in service. Remove the port from Segregation or use a port that is not involved in Segregation.		

Table 41-608 PowerSupplyACRectifierFailure

Alarm	Attributes	Applicable major releases
Name: PowerSupplyACRectifierFailure (5181) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.PowerSupplyTray	Severity: minor Implicitly cleared: true Default probable cause: PowerSupplyACRectifierFailedorMissing (2097)	Unspecified
Description: This alarm is generated if any one of the AC rectifiers for a given power supply is in a failed state or is missing. When the alarm is raised during device discovery, one or both AC Rectifiers of the Power Supply Tray may be not equipped. When the alarm is raised while the device is in the managed state, one or both AC Rectifiers of the Power Supply Tray might be removed or they have a fault condition. The alarm clears when the status changes to OK.		
Remedial action: Ensure that the NE is properly connected to power. There is an increased risk of the power supply failing, causing insufficient power to the system. Please bring the AC rectifiers back online by equipping them properly. If the problem persists please contact Alcatel-Lucent support for assistance.		

Table 41-609 PowerSupplyVoltageAlarm

Alarm	Attributes	Applicable major releases
Name: PowerSupplyVoltageAlarm (1129) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.PowerSupply	Severity: variable Implicitly cleared: false Default probable cause: powerSupplyFailure (117)	Unspecified
Description: The alarm is raised when the power supply voltage alarm state changes to a value other than Normal.		
Remedial action: Check the status of the site power supply.		

Table 41-610 PowerSupplyWrongFanDir

Alarm	Attributes	Applicable major releases
Name: PowerSupplyWrongFanDir (8166) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.PowerSupplyTray	Severity: major Implicitly cleared: true Default probable cause: PowerSupplyWrongFanDir (2558)	Unspecified
Description: This alarm is generated when the airflow direction of the power supply's fan is incorrect.		
Remedial action: To recover from this event, the customer is requested to replace the power supply with one that has the proper fan direction.		

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Table 41-611 PPPFail

Alarm	Attributes	Applicable major releases
Name: PPPFail (632) Type: communicationsAlarm (4) Package: equipment Raised on class: equipment.Equipment	Severity: variable Implicitly cleared: true Default probable cause: pppFail (469)	Unspecified
Description: The alarm is raised when a PPP IP Fail condition is detected.		
Remedial action: Please refer to the 9500 Node Maintenance manual for remedial action information.		

Table 41-612 PppNcpFailure

Alarm	Attributes	Applicable major releases
Name: PppNcpFailure (3689) Type: processingErrorAlarm (81) Package: service Raised on class: service.ServiceAccessPoint	Severity: major Implicitly cleared: false Default probable cause: sapAtmPppNcpFailure (1428)	Unspecified
Description: The alarm is raised when there is an NCP phase setup problem.		
Remedial action: This alarm indicates the NCP phase setup failed, thus IP protocol can not be configured for the user that attempted to set up the PPP session. Please verify NCP setup configuration.		

Table 41-613 PPPoASessionFailure

Alarm	Attributes	Applicable major releases
Name: PPPoASessionFailure (3688) Type: processingErrorAlarm (81) Package: service Raised on class: service.AccessInterface	Severity: major Implicitly cleared: false Default probable cause: sapAtmPppSessionFailure (1427)	Unspecified
Description: The alarm is raised when an NE notifies the 5620 SAM that it cannot create a PPPoA Session.		
Remedial action: This alarm indicates the problem encountered by NE while trying to create a new PPPoA session. Please review the alarm's additional text to obtain information about the error condition. Possible problems include authentication failures, LCP or IPCP layer problems during the session establishment, or possible mis-configuration on the service interface or PPP policy.		

Table 41-614 PPPoESessionFailure

Alarm	Attributes	Applicable major releases
Name: PPPoESessionFailure (2915) Type: processingErrorAlarm (81) Package: service Raised on class: service.ServiceAccessPoint	Severity: major Implicitly cleared: false Default probable cause: pppoeSessionFailed (1119)	Unspecified
Description: The alarm is raised when an NE notifies the 5620 SAM that it cannot create a PPPoE Session.		
Remedial action: This alarm indicates the problem encountered by NE while trying to create a new PPPoE session. Please review the alarm's additional text to obtain information about the error condition. Possible problems include authentication failures, LCP or IPCP layer problems during the session establishment, or possible mis-configuration on the service interface or PPP policy.		

Table 41-615 PrefixLimitExceeded

Alarm	Attributes	Applicable major releases
Name: PrefixLimitExceeded (4) Type: ProtocolAlarm (1) Package: bgp Raised on class: bgp.Peer	Severity: critical Implicitly cleared: false Default probable cause: prefixLimitExceeded (4)	Unspecified
Description: The alarm is raised when a BGP instance learns the maximum number of peer routes.		
Remedial action: Informational. The threshold configured should be revisited to ensure that it is not set to low given the number of peer routes that are being received. If the threshold is set close to the maximum number of routes supported by the NE then it is probable that there is an issue with another NE in the network. If the problem persists please contact Alcatel-Lucent support for assistance.		

Table 41-616 PrefixLimitNearing

Alarm	Attributes	Applicable major releases
Name: PrefixLimitNearing (3) Type: ProtocolAlarm (1) Package: bgp Raised on class: bgp.Peer	Severity: major Implicitly cleared: false Default probable cause: prefixLimitNearing (3)	Unspecified
Description: The alarm is raised when a BGP instance exceeds the threshold percentage of the configured maximum.		
Remedial action: Informational. The threshold configured should be revisited to ensure that it is not set to low given the number of peer routes that are being received. If the threshold is set close to the maximum number of routes supported by the NE then it is probable that there is an issue with another NE in the network. If the problem persists please contact Alcatel-Lucent support for assistance.		

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Table 41-617 PrimaryVirtualSwitchControllerFailed

Alarm	Attributes	Applicable major releases
Name: PrimaryVirtualSwitchControllerFailed (5429) Type: virtualSwitchAlarm (136) Package: dctr Raised on class: dctr.VirtualSwitch	Severity: major Implicitly cleared: true Default probable cause: PrimaryControllerFailOver (2130)	Unspecified
Description: The alarm is raised when communication between the virtual switch to the primary controller has failed.		
Remedial action: This alarm can be cleared when primary virtual switch is operationally up.		

Table 41-618 ProbeFailedAlarm (atm)

Alarm	Attributes	Applicable major releases
Name: ProbeFailedAlarm (3707) Type: oamAlarm (18) Package: atm Raised on class: atm.PvcConnection	Severity: major Implicitly cleared: true Default probable cause: networkDegradation (204)	Unspecified
Description: The alarm is raised when an OAM test on the object reports a probe failure.		
Remedial action: Informational - if the alarm persists or is occurring frequently then investigation is required to understand why the underlying transport network is un-reliable.		

Table 41-619 ProbeFailedAlarm (bgp)

Alarm	Attributes	Applicable major releases
Name: ProbeFailedAlarm (3707) Type: oamAlarm (18) Package: bgp Raised on class: bgp.Site	Severity: major Implicitly cleared: true Default probable cause: networkDegradation (204)	Unspecified
Description: The alarm is raised when an OAM test on the object reports a probe failure.		
Remedial action: Informational - if the alarm persists or is occurring frequently then investigation is required to understand why the underlying transport network is un-reliable.		

Table 41-620 ProbeFailedAlarm (ethernetoam)

Alarm	Attributes	Applicable major releases
Name: ProbeFailedAlarm (3707) Type: oamAlarm (18) Package: ethernetoam Raised on class: ethernetoam.MaintAssociation	Severity: major Implicitly cleared: true Default probable cause: networkDegradation (204)	Unspecified
Description: The alarm is raised when an OAMtest on the object reports a probe failure.		
Remedial action: Informational - if the alarm persists or is occurring frequently then investigation is required to understand why the underlying transport network is un-reliable.		

Table 41-621 ProbeFailedAlarm (ldp)

Alarm	Attributes	Applicable major releases
Name: ProbeFailedAlarm (3707) Type: oamAlarm (18) Package: ldp Raised on class: ldp.Site	Severity: major Implicitly cleared: true Default probable cause: networkDegradation (204)	Unspecified
Description: The alarm is raised when an OAM test on the object reports a probe failure.		
Remedial action: Informational - if the alarm persists or is occurring frequently then investigation is required to understand why the underlying transport network is un-reliable.		

Table 41-622 ProbeFailedAlarm (lte)

Alarm	Attributes	Applicable major releases
Name: ProbeFailedAlarm (3707) Type: oamAlarm (18) Package: lte Raised on class: lte.EPSPath	Severity: major Implicitly cleared: true Default probable cause: networkDegradation (204)	Unspecified
Description: The alarm is raised when ProbeFailedAlarm is raised for any test on this object.		
Remedial action: Informational - if the alarm persists or is occurring frequently then investigation is required to understand why the underlying transport network is un-reliable.		

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Table 41-623 ProbeFailedAlarm (Iteservice)

Alarm	Attributes	Applicable major releases
Name: ProbeFailedAlarm (3707) Type: oamAlarm (18) Package: Iteservice Raised on class: Iteservice.MobileService	Severity: major Implicitly cleared: true Default probable cause: networkDegradation (204)	Unspecified
Description: The alarm is raised when an OAM test on the object reports a probe failure.		
Remedial action: Informational - if the alarm persists or is occurring frequently then investigation is required to understand why the underlying transport network is unreliable.		

Table 41-624 ProbeFailedAlarm (mirror)

Alarm	Attributes	Applicable major releases
Name: ProbeFailedAlarm (3707) Type: oamAlarm (18) Package: mirror Raised on class: mirror.Mirror	Severity: major Implicitly cleared: true Default probable cause: networkDegradation (204)	Unspecified
Description: The alarm is raised when an OAM test on the object reports a probe failure.		
Remedial action: Informational - if the alarm persists or is occurring frequently then investigation is required to understand why the underlying transport network is unreliable.		

Table 41-625 ProbeFailedAlarm (monpath)

Alarm	Attributes	Applicable major releases
Name: ProbeFailedAlarm (3707) Type: oamAlarm (18) Package: monpath Raised on class: monpath.MonitoredIpPath	Severity: major Implicitly cleared: true Default probable cause: networkDegradation (204)	Unspecified
Description: The alarm is raised when an OAM test on the object reports a probe failure.		
Remedial action: Informational - if the alarm persists or is occurring frequently then investigation is required to understand why the underlying transport network is unreliable.		

Table 41-626 ProbeFailedAlarm (mpls)

Alarm	Attributes	Applicable major releases
Name: ProbeFailedAlarm (3707) Type: oamAlarm (18) Package: mpls Raised on class: mpls.Lsp	Severity: major Implicitly cleared: true Default probable cause: networkDegradation (204)	Unspecified
Description: The alarm is raised when an OAM test on the object reports a probe failure.		
Remedial action: Informational - if the alarm persists or is occurring frequently then investigation is required to understand why the underlying transport network is unreliable.		

Table 41-627 ProbeFailedAlarm (mplstp)

Alarm	Attributes	Applicable major releases
Name: ProbeFailedAlarm (3707) Type: oamAlarm (18) Package: mplstp Raised on class: mplstp.TPLsp	Severity: major Implicitly cleared: true Default probable cause: networkDegradation (204)	Unspecified
Description: The alarm is raised when an OAM test on the object reports a probe failure.		
Remedial action: Informational - if the alarm persists or is occurring frequently then investigation is required to understand why the underlying transport network is unreliable.		

Table 41-628 ProbeFailedAlarm (netw)

Alarm	Attributes	Applicable major releases
Name: ProbeFailedAlarm (3707) Type: oamAlarm (18) Package: netw Raised on class: netw.NetworkElement	Severity: major Implicitly cleared: true Default probable cause: networkDegradation (204)	Unspecified
Description: The alarm is raised when an OAM test on the object reports a probe failure.		
Remedial action: Informational - if the alarm persists or is occurring frequently then investigation is required to understand why the underlying transport network is unreliable.		

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Table 41-629 ProbeFailedAlarm (pim)

Alarm	Attributes	Applicable major releases
Name: ProbeFailedAlarm (3707) Type: oamAlarm (18) Package: pim Raised on class: pim.Site	Severity: major Implicitly cleared: true Default probable cause: networkDegradation (204)	Unspecified
Description: The alarm is raised when an OAM test on the object reports a probe failure.		
Remedial action: Informational - if the alarm persists or is occurring frequently then investigation is required to understand why the underlying transport network is un-reliable.		

Table 41-630 ProbeFailedAlarm (rtr)

Alarm	Attributes	Applicable major releases
Name: ProbeFailedAlarm (3707) Type: oamAlarm (18) Package: rtr Raised on class: rtr.VirtualRouter	Severity: major Implicitly cleared: true Default probable cause: networkDegradation (204)	Unspecified
Description: The alarm is raised when an OAMtest on the object reports a probe failure.		
Remedial action: Informational - if the alarm persists or is occurring frequently then investigation is required to understand why the underlying transport network is unreliable.		

Table 41-631 ProbeFailedAlarm (service)

Alarm	Attributes	Applicable major releases
Name: ProbeFailedAlarm (3707) Type: oamAlarm (18) Package: service Raised on class: service.SpokeConnector	Severity: major Implicitly cleared: true Default probable cause: networkDegradation (204)	Unspecified
Description: The alarm is raised when ProbeFailedAlarm is raised for any test on this object.		
Remedial action: Informational - if the alarm persists or is occurring frequently then investigation is required to understand why the underlying transport network is unreliable.		

Table 41-632 ProbeFailedAlarm (svt)

Alarm	Attributes	Applicable major releases
Name: ProbeFailedAlarm (3707) Type: oamAlarm (18) Package: svt Raised on class: svt.Tunnel	Severity: major Implicitly cleared: true Default probable cause: networkDegradation (204)	Unspecified
Description: The alarm is raised when an OAM test on the object reports a probe failure.		
Remedial action: Informational - if the alarm persists or is occurring frequently then investigation is required to understand why the underlying transport network is unreliable.		

Table 41-633 ProbeFailedAlarm (vll)

Alarm	Attributes	Applicable major releases
Name: ProbeFailedAlarm (3707) Type: oamAlarm (18) Package: vll Raised on class: vll.Vll	Severity: major Implicitly cleared: true Default probable cause: networkDegradation (204)	Unspecified
Description: The alarm is raised when an OAM test on the object reports a probe failure.		
Remedial action: Informational - if the alarm persists or is occurring frequently then investigation is required to understand why the underlying transport network is unreliable.		

Table 41-634 ProbeFailedAlarm (vpls)

Alarm	Attributes	Applicable major releases
Name: ProbeFailedAlarm (3707) Type: oamAlarm (18) Package: vpls Raised on class: vpls.AbstractVpls	Severity: major Implicitly cleared: true Default probable cause: networkDegradation (204)	Unspecified
Description: The alarm is raised when an OAM test on the object reports a probe failure.		
Remedial action: Informational - if the alarm persists or is occurring frequently then investigation is required to understand why the underlying transport network is unreliable.		

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Table 41-635 ProbeFailedAlarm (vprn)

Alarm	Attributes	Applicable major releases
Name: ProbeFailedAlarm (3707) Type: oamAlarm (18) Package: vprn Raised on class: vprn.Vprn	Severity: major Implicitly cleared: true Default probable cause: networkDegradation (204)	Unspecified
Description: The alarm is raised when an OAM test on the object reports a probe failure.		
Remedial action: Informational - if the alarm persists or is occurring frequently then investigation is required to understand why the underlying transport network is unreliable.		

Table 41-636 ProbeFailedAlarm2 (atm)

Alarm	Attributes	Applicable major releases
Name: ProbeFailedAlarm2 (3738) Type: oamAlarm (18) Package: atm Raised on class: atm.VPConnection	Severity: major Implicitly cleared: true Default probable cause: networkDegradation (204)	Unspecified
Description: The alarm is raised when an OAM test on the object reports a probe failure.		
Remedial action: Informational - if the alarm persists or is occurring frequently then investigation is required to understand why the underlying transport network is un-reliable.		

Table 41-637 ProbeFailedAlarm2 (ethernetoam)

Alarm	Attributes	Applicable major releases
Name: ProbeFailedAlarm2 (3738) Type: oamAlarm (18) Package: ethernetoam Raised on class: ethernetoam.Mep	Severity: major Implicitly cleared: true Default probable cause: networkDegradation (204)	Unspecified
Description: The alarm is raised when an OAM test on the object reports a probe failure.		
Remedial action: Informational - if the alarm persists or is occurring frequently then investigation is required to understand why the underlying transport network is un-reliable.		

Table 41-638 ProbeFailedAlarm2 (lte)

Alarm	Attributes	Applicable major releases
Name: ProbeFailedAlarm2 (3738) Type: oamAlarm (18) Package: lte Raised on class: lte.EPSPeer	Severity: major Implicitly cleared: true Default probable cause: networkDegradation (204)	Unspecified
Description: The alarm is raised when ProbeFailedAlarm is raised for any test on this object.		
Remedial action: Informational - if the alarm persists or is occurring frequently then investigation is required to understand why the underlying transport network is un-reliable.		

Table 41-639 ProbeFailedAlarm2 (mpls)

Alarm	Attributes	Applicable major releases
Name: ProbeFailedAlarm2 (3738) Type: oamAlarm (18) Package: mpls Raised on class: mpls.P2MPDynamicLsp	Severity: major Implicitly cleared: true Default probable cause: networkDegradation (204)	Unspecified
Description: The alarm is raised when an OAM test on the object reports a probe failure.		
Remedial action: Informational - if the alarm persists or is occurring frequently then investigation is required to understand why the underlying transport network is unreliable.		

Table 41-640 ProbeFailedAlarm2 (rtr)

Alarm	Attributes	Applicable major releases
Name: ProbeFailedAlarm2 (3738) Type: oamAlarm (18) Package: rtr Raised on class: rtr.LDPTunnelInterface	Severity: major Implicitly cleared: true Default probable cause: networkDegradation (204)	Unspecified
Description: The alarm is raised when an OAM test on the object reports a probe failure.		
Remedial action: Informational - if the alarm persists or is occurring frequently then investigation is required to understand why the underlying transport network is unreliable.		

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Table 41-641 ProbeFailedAlarm2 (service)

Alarm	Attributes	Applicable major releases
Name: ProbeFailedAlarm2 (3738) Type: oamAlarm (18) Package: service Raised on class: service.Site	Severity: major Implicitly cleared: true Default probable cause: networkDegradation (204)	Unspecified
Description: The alarm is raised when ProbeFailedAlarm is raised for any test on this object.		
Remedial action: Informational - if the alarm persists or is occurring frequently then investigation is required to understand why the underlying transport network is unreliable.		

Table 41-642 ProbeFailedAlarm2 (svt)

Alarm	Attributes	Applicable major releases
Name: ProbeFailedAlarm2 (3738) Type: oamAlarm (18) Package: svt Raised on class: svt.SdpBinding	Severity: major Implicitly cleared: true Default probable cause: networkDegradation (204)	Unspecified
Description: The alarm is raised when an OAMtest on the object reports a probe failure.		
Remedial action: Informational - if the alarm persists or is occurring frequently then investigation is required to understand why the underlying transport network is unreliable.		

Table 41-643 ProbeFailedAlarm3 (mpls)

Alarm	Attributes	Applicable major releases
Name: ProbeFailedAlarm3 (3885) Type: oamAlarm (18) Package: mpls Raised on class: mpls.LspPath	Severity: major Implicitly cleared: true Default probable cause: networkDegradation (204)	Unspecified
Description: The alarm is raised when an OAM test on the object reports a probe failure.		
Remedial action: Informational - if the alarm persists or is occurring frequently then investigation is required to understand why the underlying transport network is unreliable.		

Table 41-644 ProbeFailedAlarm3 (service)

Alarm	Attributes	Applicable major releases
Name: ProbeFailedAlarm3 (3885) Type: oamAlarm (18) Package: service Raised on class: service.CompositeService	Severity: major Implicitly cleared: true Default probable cause: networkDegradation (204)	Unspecified
Description: The alarm is raised when an OAM test on the object reports a probe failure.		
Remedial action: Informational - if the alarm persists or is occurring frequently then investigation is required to understand why the underlying transport network is unreliable.		

Table 41-645 ProbeFailureAlarm

Alarm	Attributes	Applicable major releases
Name: ProbeFailureAlarm (3902) Type: oamAlarm (18) Package: sas Raised on class: sas.Test	Severity: major Implicitly cleared: true Default probable cause: networkDegradation (204)	Unspecified
Description: This alarm is raised when a probe failure trap is received from the node.		
Remedial action: Fix network connections issues.		

Table 41-646 ProvisioningMismatch

Alarm	Attributes	Applicable major releases
Name: ProvisioningMismatch (634) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.Equipment	Severity: variable Implicitly cleared: true Default probable cause: provisioningMismatch (470)	Unspecified
Description: The alarm is raised when a license mismatch is detected for provisioned equipment.		
Remedial action: Please refer to the 9500 Node Maintenance manual for remedial action information.		

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Table 41-647 PTPCardNotSupportedAlarm

Alarm	Attributes	Applicable major releases
Name: PTPCardNotSupportedAlarm (3603) Type: equipmentAlarm (3) Package: ptp Raised on class: ptp.IEEEPTPClock	Severity: minor Implicitly cleared: true Default probable cause: PTPCardNotSupported (1392)	Unspecified
Description: The alarm is raised when the Precision Timing Protocol (PTP) is enabled on a card that does not support clock recovery.		
Remedial action: Please enable PTP on CPM which supports OCX0 oscillator type		

Table 41-648 PTPClockRecoveryStateAlarm

Alarm	Attributes	Applicable major releases
Name: PTPClockRecoveryStateAlarm (3605) Type: communicationsAlarm (4) Package: ptp Raised on class: ptp.IEEEPTPClock	Severity: info Implicitly cleared: false Default probable cause: PTPClockRecoveryStateChange (1394)	Unspecified
Description: The alarm is raised when the aluPtpClockRecoveryState changes for an IEEE 1588 Precision Timing Protocol (PTP) clock.		
Remedial action: Informational		

Table 41-649 PTPMasterChangeAlarm

Alarm	Attributes	Applicable major releases
Name: PTPMasterChangeAlarm (3606) Type: communicationsAlarm (4) Package: ptp Raised on class: ptp.IEEEPTPClock	Severity: info Implicitly cleared: false Default probable cause: PTPMasterChange (1395)	Unspecified
Description: The alarm is raised when there is a change in the synchronization source for a Precision Timing Protocol (PTP) clock.		
Remedial action: Informational		

Table 41-650 PTPOutOfResourcesAlarm

Alarm	Attributes	Applicable major releases
Name: PTPOutOfResourcesAlarm (3607) Type: equipmentAlarm (3) Package: ptp Raised on class: ptp.IEEEPTPClock	Severity: minor Implicitly cleared: true Default probable cause: PTPOutOfResources (1396)	Unspecified
Description: The alarm is raised when the Precision Timing Protocol (PTP) process on the card is out of resources. This may occur in either of two situations: 1. The number of PTP peers exceeds the system limit. 2. The total unicast packet rate negotiated with all PTP peers reaches the maximum packet rate supported by the system.		
Remedial action: Informational		

Table 41-651 PTPPortDSPortStateAlarm

Alarm	Attributes	Applicable major releases
Name: PTPPortDSPortStateAlarm (3610) Type: communicationsAlarm (4) Package: ptp Raised on class: ptp.IEEEPTPPort	Severity: info Implicitly cleared: true Default probable cause: PTPPortDSPortState (1399)	Unspecified
Description: The alarm is raised when the aluPtpPortDSPortState changes for an IEEE 1588 Precision Timing Protocol (PTP) port.		
Remedial action: Informational.		

Table 41-652 PTPQualityLevelChangedAlarm

Alarm	Attributes	Applicable major releases
Name: PTPQualityLevelChangedAlarm (3612) Type: communicationsAlarm (4) Package: sonet Raised on class: sonet.SiteSync	Severity: minor Implicitly cleared: false Default probable cause: PTPQualityLevelChanged (1401)	Unspecified
Description: The alarm is raised when there is a change of the received quality level on the Precision Timing Protocol (PTP).		
Remedial action: Informational only.		

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Table 41-653 QChipBufferMemoryEvent

Alarm	Attributes	Applicable major releases
Name: QChipBufferMemoryEvent (4990) Type: hardwareAnomaly (55) Package: equipment Raised on class: equipment.Card	Severity: minor Implicitly cleared: true Default probable cause: bufMemoryError (2044)	Unspecified
Description: The alarm is raised when a Q-chip experiences an occurrence of a buffer memory error on IOM or CPM.		
Remedial action: A fault has been detected in the hardware if the problem persists please contact Alcatel-Lucent support for assistance.		

Table 41-654 QChipIfCellEvent

Alarm	Attributes	Applicable major releases
Name: QChipIfCellEvent (4991) Type: hardwareAnomaly (55) Package: equipment Raised on class: equipment.Card	Severity: minor Implicitly cleared: true Default probable cause: ifCellError (2045)	Unspecified
Description: The alarm is raised when an inter-chip interface (XPL2 bundle) experiences internal datapath cell errors on IOM or CPM.		
Remedial action: A fault has been detected in the hardware if the problem persists please contact Alcatel-Lucent support for assistance.		

Table 41-655 QChipIfDownEvent

Alarm	Attributes	Applicable major releases
Name: QChipIfDownEvent (4992) Type: hardwareAnomaly (55) Package: equipment Raised on class: equipment.Card	Severity: minor Implicitly cleared: true Default probable cause: ifDownError (2046)	Unspecified
Description: The alarm is raised when an inter-chip interface (XPL2 bundle) experiences an internal datapath problem on IOM or CPM.		
Remedial action: A fault has been detected in the hardware if the problem persists please contact Alcatel-Lucent support for assistance.		

Table 41-656 QChipIntMemoryEvent

Alarm	Attributes	Applicable major releases
Name: QChipIntMemoryEvent (4993) Type: hardwareAnomaly (55) Package: equipment Raised on class: equipment.Card	Severity: minor Implicitly cleared: true Default probable cause: intMemoryError (2047)	Unspecified
Description: The alarm is raised when a Q-chip experiences an occurrence of an internal memory error on IOM or CPM.		
Remedial action: A fault has been detected in the hardware if the problem persists please contact Alcatel-Lucent support for assistance.		

Table 41-657 QChipResetProtImpact

Alarm	Attributes	Applicable major releases
Name: QChipResetProtImpact (5642) Type: hardwareAnomaly (55) Package: equipment Raised on class: equipment.Card	Severity: minor Implicitly cleared: true Default probable cause: qChipResetProtocolTimeout (2418)	Unspecified
Description: The alarm is raised when a slot experienced a data path failure due to Qchip reset on IOM/CPM which caused a timeout on short BFD or ETH-CFM protocol timers.		
Remedial action: Informational. The alarm is raised when a slot experienced a data path failure due to Qchip reset on IOM/CPM which caused a timeout on short BFD or ETH-OAM protocol timers. Services-related data associated with the impacted protocol may be lost.		

Table 41-658 QChipStatsMemoryEvent

Alarm	Attributes	Applicable major releases
Name: QChipStatsMemoryEvent (4994) Type: hardwareAnomaly (55) Package: equipment Raised on class: equipment.Card	Severity: minor Implicitly cleared: true Default probable cause: statsMemoryError (2048)	Unspecified
Description: The alarm is raised when a Q-chip experiences an occurrence of a statistics memory error on IOM or CPM.		
Remedial action: A fault has been detected in the hardware if the problem persists please contact Alcatel-Lucent support for assistance.		

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Table 41-659 QueryVerMismatch

Alarm	Attributes	Applicable major releases
Name: QueryVerMismatch (159) Type: configurationAlarm (11) Package: igmp Raised on class: igmp.Interface	Severity: warning Implicitly cleared: false Default probable cause: InvalidVersionofQueryMessageReceived (129)	Unspecified
Description: The alarm is raised when an interface configured for IGMPv3 receives a query message for an earlier IGMP version. The interface subsequently enters an IGMP mode that is compatible with the earlier version. The alarm information includes the IGMP version on the interface and the IGMP version of the received query.		
Remedial action: Informational - no corrective action required.		

Table 41-660 RadAcctOnOngoing

Alarm	Attributes	Applicable major releases
Name: RadAcctOnOngoing (4971) Type: radiusAccountingPolicyAlarm (38) Package: aaa Raised on class: aaa.RadiusServerPolicy	Severity: minor Implicitly cleared: false Default probable cause: TooManyUnacknowledgedRadiusAccountingOnMessages (2025) Applicable probable causes: <ul style="list-style-type: none"> • TooManyUnacknowledgedRadiusAccountingOnMessages • MisconfiguredPolicy • RadiusServerUnreachable • MissingClientInformation 	Unspecified
Description: The alarm is raised each time when the RADIUS client has sent 10 RADIUS Accounting-On messages without receiving any acknowledgement from the RADIUS server.		
Remedial action: Ensure that: 1.The RADIUS server is up and running. 2.The RADIUS server policy configuration is correct. Please note that this system will keep on retrying indefinitely until it receives an acknowledgement from the RADIUS server.		

Table 41-661 RadioHop15TCA

Alarm	Attributes	Applicable major releases
Name: RadioHop15TCA (4835) Type: communicationsAlarm (4) Package: mwa Raised on class: mwa.PortTermination	Severity: variable Implicitly cleared: true Default probable cause: ThresholdCrossed (1920)	Unspecified
Description: The alarm is raised when a MPT detects a threshold crossing - Radio hop 15 minutes TCA		
Remedial action: Please refer to either 9500 or 7705 Node Maintenance manual for remedial action information.		

Table 41-662 RadioHop15UAT

Alarm	Attributes	Applicable major releases
Name: RadioHop15UAT (4836) Type: communicationsAlarm (4) Package: mwa Raised on class: mwa.PortTermination	Severity: variable Implicitly cleared: true Default probable cause: UnavailableTime (1921)	Unspecified
Description: The alarm is raised when a MPT detects a threshold crossing - Radio hop 15 minutes UAT		
Remedial action: Please refer to either 9500 or 7705 Node Maintenance manual for remedial action information.		

Table 41-663 RadioHop24TCA

Alarm	Attributes	Applicable major releases
Name: RadioHop24TCA (4837) Type: communicationsAlarm (4) Package: mwa Raised on class: mwa.PortTermination	Severity: variable Implicitly cleared: true Default probable cause: ThresholdCrossed (1920)	Unspecified
Description: The alarm is raised when a MPT detects a threshold crossing - Radio hop 24 Hours TCA		
Remedial action: Please refer to either 9500 or 7705 Node Maintenance manual for remedial action information.		

Table 41-664 RadioHop24UAT

Alarm	Attributes	Applicable major releases
Name: RadioHop24UAT (4838) Type: communicationsAlarm (4) Package: mwa Raised on class: mwa.PortTermination	Severity: variable Implicitly cleared: true Default probable cause: UnavailableTime (1921)	Unspecified
Description: The alarm is raised when a MPT detects a threshold crossing - Radio hop 24 Hours UAT		
Remedial action: Please refer to either 9500 or 7705 Node Maintenance manual for remedial action information.		

Table 41-665 RadioLink15TCA

Alarm	Attributes	Applicable major releases
Name: RadioLink15TCA (4839) Type: communicationsAlarm (4) Package: mwa Raised on class: mwa.PortTermination	Severity: variable Implicitly cleared: true Default probable cause: ThresholdCrossed (1920)	Unspecified

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Alarm	Attributes	Applicable major releases
Description: The alarm is raised when a MPT detects a threshold crossing - Radio Link 15 minutes TCA		
Remedial action: Please refer to either 9500 or 7705 Node Maintenance manual for remedial action information.		

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Table 41-666 RadioLink15UAT

Alarm	Attributes	Applicable major releases
Name: RadioLink15UAT (4840) Type: communicationsAlarm (4) Package: mwa Raised on class: mwa.PortTermination	Severity: variable Implicitly cleared: true Default probable cause: UnavailableTime (1921)	Unspecified
Description: The alarm is raised when a MPT detects a threshold crossing - Radio Link 15 minutes UAT		
Remedial action: Please refer to either 9500 or 7705 Node Maintenance manual for remedial action information.		

Table 41-667 RadioLink24TCA

Alarm	Attributes	Applicable major releases
Name: RadioLink24TCA (4841) Type: communicationsAlarm (4) Package: mwa Raised on class: mwa.PortTermination	Severity: variable Implicitly cleared: true Default probable cause: ThresholdCrossed (1920)	Unspecified
Description: The alarm is raised when a MPT detects a threshold crossing - Radio Link 24 Hours TCA		
Remedial action: Please refer to either 9500 or 7705 Node Maintenance manual for remedial action information.		

Table 41-668 RadioLink24UAT

Alarm	Attributes	Applicable major releases
Name: RadioLink24UAT (4842) Type: communicationsAlarm (4) Package: mwa Raised on class: mwa.PortTermination	Severity: variable Implicitly cleared: true Default probable cause: UnavailableTime (1921)	Unspecified
Description: The alarm is raised when a MPT detects a threshold crossing - Radio Link 24 Hours UAT		
Remedial action: Please refer to either 9500 or 7705 Node Maintenance manual for remedial action information.		

Table 41-669 RadioLinkAMAbnormalState

Alarm	Attributes	Applicable major releases
Name: RadioLinkAMAbnormalState (3943) Type: radiolinkAMABNAlarm (119) Package: radioequipment Raised on class: radioequipment.RadioPortSpecifics	Severity: variable Implicitly cleared: true Default probable cause: RadiolinkAMABNProblem (1525)	Unspecified
Description: The alarm is raised when abnormal state resulted due to Radio link AM mode.		
Remedial action: The alarm is raised when abnormal state resulted due to Radio link AM mode.		

Table 41-670 RadioLinkDown

Alarm	Attributes	Applicable major releases
Name: RadioLinkDown (747) Type: communicationsAlarm (4) Package: mpr Raised on class: mpr.VlanPath	Severity: major Implicitly cleared: true Default probable cause: radioLinkDown (523)	Unspecified
Description: The alarm is raised when the radio link between two hops of a VLAN path is down.		
Remedial action: Check if the port that is used in the Radio link is operationally up.		

Table 41-671 RadioLoopProblemCh1

Alarm	Attributes	Applicable major releases
Name: RadioLoopProblemCh1 (4843) Type: communicationsAlarm (4) Package: mwa Raised on class: mwa.PortTermination	Severity: variable Implicitly cleared: true Default probable cause: LoopProblem (1922)	Unspecified
Description: The alarm is raised when a MPT detects a ATPC/ACM Loop problem - CH1 Radio Loop Problem		
Remedial action: Please refer to either 9500 or 7705 Node Maintenance manual for remedial action information.		

Table 41-672 RadioLoopProblemChx

Alarm	Attributes	Applicable major releases
Name: RadioLoopProblemChx (4844) Type: communicationsAlarm (4) Package: mwa Raised on class: mwa.PortTermination	Severity: variable Implicitly cleared: true Default probable cause: LoopProblem (1922)	Unspecified

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Alarm	Attributes	Applicable major releases
Description: The alarm is raised when a MPT detects a ATPC/ACM Loop problem - CHX Radio Loop Problem		
Remedial action: Please refer to either 9500 or 7705 Node Maintenance manual for remedial action information.		

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Table 41-673 RadioRdi

Alarm	Attributes	Applicable major releases
Name: RadioRdi (4846) Type: communicationsAlarm (4) Package: mwa Raised on class: mwa.PortTermination	Severity: major Implicitly cleared: true Default probable cause: Rdi (1888)	Unspecified
Description: The alarm is raised when a microwave radio device receives a remote defect indication from the far end microwave radio.		
Remedial action: Please refer to either 9500 or 7705 Node Maintenance manual for remedial action information.		

Table 41-674 RadioSwPackageMissing

Alarm	Attributes	Applicable major releases
Name: RadioSwPackageMissing (4848) Type: integrityViolation (85) Package: mwa Raised on class: mwa.PortTermination	Severity: warning Implicitly cleared: true Default probable cause: SwPackageMissing (1925)	Unspecified
Description: The alarm is raised when a valid microwave radio software package is not present at startup.		
Remedial action: Please refer to either 9500 or 7705 Node Maintenance manual for remedial action information.		

Table 41-675 RadiusAcctPlcyFailure

Alarm	Attributes	Applicable major releases
Name: RadiusAcctPlcyFailure (363) Type: radiusAccountingPolicyAlarm (38) Package: radiusaccounting Raised on class: radiusaccounting.Policy	Severity: major Implicitly cleared: false Default probable cause: radiusAccountingRequestFailure (260)	Unspecified
Description: The alarm is raised when a RADIUS accounting request is not successfully sent to any of the RADIUS servers specified in the RADIUS accounting policy.		
Remedial action: The Radius server(s) which are configured in the accounting policy are unreachable. This may occur in a number of different scenarios. The server(s) may have become unresponsive - please refer to the Radius server documentation for assistance. The network connectivity to the server(s) may have been lost - please investigate why the underlying transport network is unreliable.		

Table 41-676 RadiusInsertedFiltrEntryDropped

Alarm	Attributes	Applicable major releases
Name: RadiusInsertedFiltrEntryDropped (1152) Type: configurationAlarm (11) Package: acfilter Raised on class: acfilter.FilterDefinition	Severity: warning Implicitly cleared: false Default probable cause: FilterEntryDropped (856)	Unspecified
Description: The alarm is raised when a request to insert a filter entry is not successful for a RADIUS application.		
Remedial action: A Configuration error has occurred. The request to insert a filter entry was not successful for Radius application. Check the configuration filter entry.		

Table 41-677 RadiusInsertSpaceThresholdAlarm

Alarm	Attributes	Applicable major releases
Name: RadiusInsertSpaceThresholdAlarm (1151) Type: configurationAlarm (11) Package: acfilter Raised on class: acfilter.FilterDefinition	Severity: major Implicitly cleared: true Default probable cause: UtilizationExceedConfiguredLimit (855)	Unspecified
Description: The alarm is raised when the utilization of a filter entry range that is reserved for filter entry insertion increases to the configured maximum value for a RADIUS application insert range.		
Remedial action: The filter entry range reserved for filter entry insertion has increased to the configured high watermark for Radius application. Make an adjusted to the watermarks or to the filter.		

Table 41-678 radiusServerOverloaded

Alarm	Attributes	Applicable major releases
Name: radiusServerOverloaded (3913) Type: communicationsAlarm (4) Package: subscrauth Raised on class: subscrauth.RadiusEntry	Severity: major Implicitly cleared: true Default probable cause: radiusServerRequestLimitReached (1499)	Unspecified
Description: The alarm is raised when the RADIUS server is overloaded.		
Raising condition: (('Operational State' EQUAL 'Over Loaded'))		
Clearing condition: (('Operational State' NOT EQUAL 'Over Loaded'))		
Remedial action: Verify the RADIUS server is properly configured to process pending authentication requests at the desired rate and ensure that this rate matches the authentication request limit defined for this RADIUS server on the network element.		

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Table 41-679 RadRouteDownloadFailed

Alarm	Attributes	Applicable major releases
Name: RadRouteDownloadFailed (4418) Type: communicationsAlarm (4) Package: aaa Raised on class: aaa.RouteDownloadPolicy	Severity: warning Implicitly cleared: false Default probable cause: networkDegradation (204)	Unspecified
Description: The alarm is raised when a RADIUS route-download process fails.		
Remedial action: Ensure that: 1.The routes defined in the RADIUS Server have a valid syntax. 2.The number of downloaded routes is less than the maximum. 3.There are no issues affecting the node's ability to populate the routes into the routing table.		

Table 41-680 RDI (mpr)

Alarm	Attributes	Applicable major releases
Name: RDI (806) Type: communicationsAlarm (4) Package: mpr Raised on class: mpr.IMALink	Severity: minor Implicitly cleared: true Default probable cause: remoteDefectIndication (572)	Unspecified
Description: The alarm is raised when a Remote Defect Indication signal is detected on an ASAP MDA.		
Remedial action: Please refer to the 9500 Node Maintenance manual for remedial action information.		

Table 41-681 RDICH1

Alarm	Attributes	Applicable major releases
Name: RDICH1 (4833) Type: communicationsAlarm (4) Package: mwa Raised on class: mwa.PortTermination	Severity: variable Implicitly cleared: true Default probable cause: RemoteDefectIndication (1919)	Unspecified
Description: The alarm is raised when a MPT receives a remote MPT CH1 remote defect indication		
Remedial action: Please refer to either 9500 or 7705 Node Maintenance manual for remedial action information.		

Table 41-682 RDICHx

Alarm	Attributes	Applicable major releases
Name: RDICHx (4834) Type: communicationsAlarm (4) Package: mwa Raised on class: mwa.PortTermination	Severity: variable Implicitly cleared: true Default probable cause: RemoteDefectIndication (1919)	Unspecified
Description: The alarm is raised when a MPT receives a remote MPT CHX remote defect indication		
Remedial action: Please refer to either 9500 or 7705 Node Maintenance manual for remedial action information.		

Table 41-683 ReceivedHigherBridgePriority

Alarm	Attributes	Applicable major releases
Name: ReceivedHigherBridgePriority (504) Type: SdpBindingAlarm (30) Package: I2fwd Raised on class: I2fwd.CircuitStp	Severity: warning Implicitly cleared: false Default probable cause: customerDeviceMisconfigured (332)	Unspecified
Description: The alarm is raised when a customer NE is configured with a bridge priority of zero. The SDP binding that connects to the customer device is subsequently blocked.		
Remedial action: Remove the customer's device or reconfigure the customer's bridge priority with value greater than zero.		

Table 41-684 RedundancySwitchover

Alarm	Attributes	Applicable major releases
Name: RedundancySwitchover (181) Type: equipmentAlarm (3) Package: netw Raised on class: netw.NetworkElement	Severity: warning Implicitly cleared: false Default probable cause: CPMSwitchover (1440)	Unspecified
Description: The alarm is raised when a 5620 SAM main server receives a CPMSwitchover trap from an NE, which indicates that the standby CPM detects an active CPM failure and is preparing to take over as the new active CPM.		
Remedial action: Informational.		

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Table 41-685 RedundantIfMismatch

Alarm	Attributes	Applicable major releases
Name: RedundantIfMismatch (419) Type: configurationAlarm (11) Package: srrp Raised on class: srrp.Instance	Severity: major Implicitly cleared: false Default probable cause: redundantIfNotProperlyPaired (312)	Unspecified
Description: The alarm is raised when the local and remote redundant interfaces are not correctly paired.		
Remedial action: Reconfigure the redundant interfaces for the peer SRRP instances so that they match each other.		

Table 41-686 RedundantRadioLink

Alarm	Attributes	Applicable major releases
Name: RedundantRadioLink (1081) Type: configurationAlarm (11) Package: netw Raised on class: netw.RadioPhysicalLink	Severity: minor Implicitly cleared: false Default probable cause: redundantRadioLinkConfigured (819)	Unspecified
Description: The alarm is raised when a radio link is discovered between two nodes when there is already a physical link(s) between the same nodes.		
Remedial action: Informational-this alarm indicates that there is another radio link between the nodes involved.		

Table 41-687 ReferenceOneLossOfSignal

Alarm	Attributes	Applicable major releases
Name: ReferenceOneLossOfSignal (1953) Type: communicationsAlarm (4) Package: sonet Raised on class: sonet.SiteSync	Severity: minor Implicitly cleared: true Default probable cause: ReferenceOneLossOfSignal (941)	Unspecified
Description: The alarm is raised when the Timing Reference One on an NE is not qualified due to Loss of Signal.		
Raising condition: (('Not Qualified Due To'anyBit'LOS'))		
Clearing condition: NOT (('Not Qualified Due To'anyBit'LOS'))		
Remedial action: Make sure that peer connected to Reference One is properly configured.		

Table 41-688 ReferenceOneOutOfFrequency

Alarm	Attributes	Applicable major releases
Name: ReferenceOneOutOfFrequency (1954) Type: communicationsAlarm (4) Package: sonet Raised on class: sonet.SiteSync	Severity: minor Implicitly cleared: true Default probable cause: ReferenceOneOutOfFrequency (942)	Unspecified
Description: The alarm is raised when the Timing Reference One on an NE is not qualified due to Out of frequency.		
Raising condition: (('Not Qualified Due To'anyBit'OOOF'))		
Clearing condition: NOT (('Not Qualified Due To'anyBit'OOOF'))		
Remedial action: Check the communication path is up between the local PTP slave clock and its selected master		

Table 41-689 ReferenceOneOutOfPollInRange

Alarm	Attributes	Applicable major releases
Name: ReferenceOneOutOfPollInRange (1955) Type: communicationsAlarm (4) Package: sonet Raised on class: sonet.SiteSync	Severity: minor Implicitly cleared: true Default probable cause: ReferenceOneOutOfPollInRange (943)	Unspecified
Description: The alarm is raised when the Timing Reference One on an NE is not qualified due to Out of poll in range.		
Raising condition: (('Not Qualified Due To'anyBit'OOPIR'))		
Clearing condition: NOT (('Not Qualified Due To'anyBit'OOPIR'))		
Remedial action: Check the timing reference is configured correctly. Check the SONET port is configured correctly and that the physical layer cabling is operating correctly. Call customer support if necessary.		

Table 41-690 ReferenceTwoLossOfSignal

Alarm	Attributes	Applicable major releases
Name: ReferenceTwoLossOfSignal (1956) Type: communicationsAlarm (4) Package: sonet Raised on class: sonet.SiteSync	Severity: minor Implicitly cleared: true Default probable cause: ReferenceTwoLossOfSignal (944)	Unspecified
Description: The alarm is raised when the Timing Reference Two on an NE is not qualified due to Loss of Signal.		
Raising condition: (('Not Qualified Due To'anyBit'LOS'))		
Clearing condition: NOT (('Not Qualified Due To'anyBit'LOS'))		
Remedial action: Make sure that peer connected to Reference Two is properly configured.		

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Table 41-691 ReferenceTwoOutOfFrequency

Alarm	Attributes	Applicable major releases
Name: ReferenceTwoOutOfFrequency (1957) Type: communicationsAlarm (4) Package: sonet Raised on class: sonet.SiteSync	Severity: minor Implicitly cleared: true Default probable cause: ReferenceTwoOutOfFrequency (945)	Unspecified
Description: The alarm is raised when the Timing Reference Two on an NE is not qualified due to Out of frequency.		
Raising condition: (('Not Qualified Due To'anyBit'OOFF'))		
Clearing condition: NOT (('Not Qualified Due To'anyBit'OOFF'))		
Remedial action: Make sure that frequency configured for Reference Two is correct.		

Table 41-692 ReferenceTwoOutOfPollInRange

Alarm	Attributes	Applicable major releases
Name: ReferenceTwoOutOfPollInRange (1958) Type: communicationsAlarm (4) Package: sonet Raised on class: sonet.SiteSync	Severity: minor Implicitly cleared: true Default probable cause: ReferenceTwoOutOfPollInRange (946)	Unspecified
Description: The alarm is raised when the Timing Reference Two on an NE is not qualified due to Out of poll in range.		
Raising condition: (('Not Qualified Due To'anyBit'OOPIR'))		
Clearing condition: NOT (('Not Qualified Due To'anyBit'OOPIR'))		
Remedial action: Check the timing reference is configured correctly. Check the SONET port is configured correctly and that the physical layer cabling is operating correctly. Call customer support if necessary.		

Table 41-693 Registered4GUEsExceeded

Alarm	Attributes	Applicable major releases
Name: Registered4GUEsExceeded (5048) Type: communicationsAlarm (4) Package: Itemme Raised on class: Itemme.MmeInstance	Severity: info Implicitly cleared: false Default probable cause: ThresholdExceeded (2052)	Unspecified
Description: The alarm is raised when the number of 4G Registered UEs exceeds the threshold that has been set by the operator.		
Raising condition: (('4G Registered UEs Threshold' NOT EQUAL '0L') AND ('4G Registered UEs' > '4G Registered UEs Threshold'))		
Remedial action: Informational - no corrective action required.		

Table 41-694 RegisteredIdle4GUEsExceeded

Alarm	Attributes	Applicable major releases
Name: RegisteredIdle4GUEsExceeded (5049) Type: communicationsAlarm (4) Package: Itemme Raised on class: Itemme.MmeInstance	Severity: info Implicitly cleared: false Default probable cause: ThresholdExceeded (2052)	Unspecified
Description: The alarm is raised when the number of 4G Registered Idle UEs exceeds the threshold that has been set by the operator.		
Raising condition: (('4G Registered Idle UEs Threshold' NOT EQUAL '0L') AND ('4G Registered Idle UEs' > '4G Registered Idle UEs Threshold'))		
Remedial action: Informational - no corrective action required.		

Table 41-695 RemoteDefectIndication

Alarm	Attributes	Applicable major releases
Name: RemoteDefectIndication (2942) Type: communicationsAlarm (4) Package: equipment Raised on class: equipment.Port	Severity: variable Implicitly cleared: true Default probable cause: remoteDefectIndication (572)	Unspecified
Description: The alarm is raised when a RDI occurs.		
Remedial action: Please refer to the 9500 Node Maintenance manual for remedial action information.		

Table 41-696 RemoteNEFailure

Alarm	Attributes	Applicable major releases
Name: RemoteNEFailure (1173) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.Equipment	Severity: variable Implicitly cleared: true Default probable cause: remoteNEFailure (874)	Unspecified
Description: The alarm is raised when a remote NE failure is detected.		
Remedial action: Please refer to the 9500 Node Maintenance manual for remedial action information.		

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Table 41-697 ReplaceableUnitMissing

Alarm	Attributes	Applicable major releases
Name: ReplaceableUnitMissing (635) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.Equipment	Severity: variable Implicitly cleared: true Default probable cause: cardMissing (471)	Unspecified
Description: The alarm is raised when a device detects that a provisioned card is not physically present.		
Remedial action: Informational - no corrective action required.		

Table 41-698 ReplaceableUnitProblem (equipment)

Alarm	Attributes	Applicable major releases
Name: ReplaceableUnitProblem (636) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.Equipment	Severity: variable Implicitly cleared: true Default probable cause: cardFail (472)	Unspecified
Description: The alarm is raised when a card fails.		
Remedial action: Please refer to the 9500 Node Maintenance manual for remedial action information.		

Table 41-699 ReplaceableUnitProblem (mpr)

Alarm	Attributes	Applicable major releases
Name: ReplaceableUnitProblem (636) Type: equipmentAlarm (3) Package: mpr Raised on class: mpr.SubRackElements	Severity: variable Implicitly cleared: true Default probable cause: cardFail (472)	Unspecified
Description: The alarm is raised when a card fails.		
Remedial action: Please refer to the 9500 Node Maintenance manual for remedial action information.		

Table 41-700 ReplaceableUnitTypeMismatch (equipment)

Alarm	Attributes	Applicable major releases
Name: ReplaceableUnitTypeMismatch (637) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.Equipment	Severity: variable Implicitly cleared: true Default probable cause: equipmentMismatch (473)	Unspecified

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Alarm	Attributes	Applicable major releases
Description: The alarm is raised when there is a mismatch between the installed card type and the expected card type.		
Remedial action: A configuration error has occurred which must be corrected. The card type configured for the slot identified in the alarm must match the installed card type.		

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Table 41-701 ReplaceableUnitTypeMismatch (mpr)

Alarm	Attributes	Applicable major releases
Name: ReplaceableUnitTypeMismatch (637) Type: equipmentAlarm (3) Package: mpr Raised on class: mpr.SubRackElements	Severity: variable Implicitly cleared: true Default probable cause: equipmentMismatch (473)	Unspecified
Description: The alarm is raised when there is a mismatch between the installed equipment type and the expected equipment type.		
Remedial action: A configuration error has occurred which must be corrected. The card type configured for the slot identified in the alarm must match the installed card type.		

Table 41-702 ReplicationLmtExceeded

Alarm	Attributes	Applicable major releases
Name: ReplicationLmtExceeded (3968) Type: resourceAlarm (28) Package: equipment Raised on class: equipment.BaseCard	Severity: info Implicitly cleared: false Default probable cause: resourceLimitReached (131)	Unspecified
Description: The alarm is raised when an IOM fails to program an OIF for an (S,G) record because the replication limit for that (S,G) on that IOM has been reached. The replication limit per (S,G) entry on an IOM is currently 127.		
Remedial action: Informational - no corrective action required		

Table 41-703 ReservedRouteTargetMismatch

Alarm	Attributes	Applicable major releases
Name: ReservedRouteTargetMismatch (6446) Type: configurationAlarm (11) Package: I3fwd Raised on class: I3fwd.ServiceSite	Severity: warning Implicitly cleared: true Default probable cause: reservedRouteTargetChanged (2446)	Unspecified
Description: The alarm is raised when the 5620 SAM detects a pre-assigned route target on this VPRN has been modified. The alarm information includes the source, i.e., import or export, and the conflict reserved VPRN RT entry distinguished name.		
Remedial action: A configuration error has occurred which should be corrected. This VPRN's route target has been modified from its pre-reserved value defined in the Reserved VPRN Route Target Table.		

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Table 41-704 ResiliencySapDeleted

Alarm	Attributes	Applicable major releases
Name: ResiliencySapDeleted (688) Type: resiliencyAlarm (58) Package: resiliency Raised on class: resiliency.HsdpaResiliency	Severity: major Implicitly cleared: true Default probable cause: resiliencySapDeleted (503)	Unspecified
Description: The alarm is raised when a SAP that is used for resiliency is deleted.		
Remedial action: Informational.		

Table 41-705 ResiliencyServiceSwitch

Alarm	Attributes	Applicable major releases
Name: ResiliencyServiceSwitch (689) Type: resiliencyAlarm (58) Package: resiliency Raised on class: resiliency.HsdpaResiliency	Severity: major Implicitly cleared: true Default probable cause: secondaryServiceSiteActive (504)	Unspecified
Description: The alarm is raised when a secondary service becomes active.		
Remedial action: Informational.		

Table 41-706 ResiliencySiteDeleted

Alarm	Attributes	Applicable major releases
Name: ResiliencySiteDeleted (690) Type: resiliencyAlarm (58) Package: resiliency Raised on class: resiliency.HsdpaResiliency	Severity: major Implicitly cleared: true Default probable cause: secondaryServiceSiteDeleted (505)	Unspecified
Description: The alarm is raised when a secondary service site is deleted.		
Remedial action: Informational.		

Table 41-707 restoreFailureAlarm

Alarm	Attributes	Applicable major releases
Name: restoreFailureAlarm (535) Type: softwareAlarm (19) Package: sw Raised on class: sw.SoftwareControlModule	Severity: major Implicitly cleared: false Default probable cause: restoreFailureAlarm (404)	Unspecified

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Alarm	Attributes	Applicable major releases
Description: The alarm is raised when the software restore process on an NE fails.		
Remedial action: The SW image on the NE may have been inadvertently corrupted. Download a new copy of the SW image to the NE. If the problem persists contact Alcatel-Lucent support for assistance.		

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Table 41-708 RetimingBufferOverflow

Alarm	Attributes	Applicable major releases
Name: RetimingBufferOverflow (1130) Type: communicationsAlarm (4) Package: equipment Raised on class: equipment.Port	Severity: variable Implicitly cleared: true Default probable cause: bufferOverflow (839)	Unspecified
Description: The alarm is raised when an retiming buffer overflow occurs.		
Remedial action: Please refer to the 9500 Node Maintenance manual for remedial action information.		

Table 41-709 RevertiveMismatch

Alarm	Attributes	Applicable major releases
Name: RevertiveMismatch (4899) Type: pathAlarm (12) Package: mplstp Raised on class: mplstp.PathMep	Severity: warning Implicitly cleared: true Default probable cause: RevertiveMismatch (1956)	Unspecified
Description: This alarm is generated when an MPLS-TP LSP revertive mode mismatch is detected on the protection MEP. The revertive mode must match on the local node and the far-end node.		
Remedial action: This alarm is generated when an MPLS-TP LSP revertive mode mismatch is detected on the protection MEP. The revertive mode must match on the local node and the far-end node.		

Table 41-710 RFSwitchFail (equipment)

Alarm	Attributes	Applicable major releases
Name: RFSwitchFail (5425) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.Equipment	Severity: variable Implicitly cleared: true Default probable cause: rFSwitchFail (2128)	Unspecified
Description: The alarm is raised when a RF switch failure is detected.		
Remedial action: The alarm is raised when RF switch failure is detected. Refer 9500 Node Maintenance manual for remedial action information		

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Table 41-711 RFSwitchFail (mpr)

Alarm	Attributes	Applicable major releases
Name: RFSwitchFail (5425) Type: equipmentAlarm (3) Package: mpr Raised on class: mpr.SubRackElements	Severity: variable Implicitly cleared: true Default probable cause: rFSwitchFail (2128)	Unspecified
Description: The alarm is raised when a RF switch failure is detected.		
Remedial action: The alarm is raised when RF switch failure is detected. Refer 9500 Node Maintenance manual for remedial action information		

Table 41-712 RingAuditProblem

Alarm	Attributes	Applicable major releases
Name: RingAuditProblem (4995) Type: configurationAlarm (11) Package: ethring Raised on class: ethring.Ring	Severity: major Implicitly cleared: false Default probable cause: invalidConfiguration (2049)	Unspecified
Description: The alarm is raised when the Ring Audit has detected a problem.		
Remedial action: A configuration error has been made which must be corrected. Please see the additional test for more details.		

Table 41-713 RipAuthenticationFailure

Alarm	Attributes	Applicable major releases
Name: RipAuthenticationFailure (70) Type: authenticationAlarm (14) Package: rip Raised on class: rip.Interface	Severity: warning Implicitly cleared: false Default probable cause: authFailure (46)	Unspecified
Description: The alarm is raised when a peer authentication failure occurs. The alarm information includes the peer address.		
Remedial action: Informational - please check that RIP neighbor is sending the RIPv2 packet with the matching authentication key with this router.		

Table 41-714 RipAuthenticationMismatch

Alarm	Attributes	Applicable major releases
Name: RipAuthenticationMismatch (71) Type: authenticationAlarm (14) Package: rip Raised on class: rip.Interface	Severity: warning Implicitly cleared: false Default probable cause: authTypeMismatch (45)	Unspecified
Description: The alarm is raised when a peer authentication mismatch occurs. The alarm indicates the peer address.		
Remedial action: Informational - please check that RIP neighbor is sending the RIPv2 packet with the matching authentication type with this router.		

Table 41-715 RipExportLimitDropped

Alarm	Attributes	Applicable major releases
Name: RipExportLimitDropped (1927) Type: configurationAlarm (11) Package: rip Raised on class: rip.Site	Severity: warning Implicitly cleared: false Default probable cause: exportLimitDropped (598)	Unspecified
Description: The alarm is raised when the total number of exported routes from the route table to this RIP level drops below the configured export limit		
Remedial action: Informational.		

Table 41-716 RipExportLimitReached

Alarm	Attributes	Applicable major releases
Name: RipExportLimitReached (1928) Type: configurationAlarm (11) Package: rip Raised on class: rip.Site	Severity: warning Implicitly cleared: false Default probable cause: exportLimitReached (599)	Unspecified
Description: The alarm is raised when the total number of routes for the level is equal to the configured limit for exported routes		
Remedial action: Informational - Additional routes would not be exported into RIP from the route table.		

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Table 41-717 RipExportLimitWarning

Alarm	Attributes	Applicable major releases
Name: RipExportLimitWarning (1929) Type: configurationAlarm (11) Package: rip Raised on class: rip.Site	Severity: warning Implicitly cleared: false Default probable cause: exportLimitWarning (600)	Unspecified
Description: The alarm is raised when the number of exported routes for the RIP level equals the percentage of the export limit configured in the Export Limit Log Percent parameter.		
Remedial action: Informational - Additional routes will continue to be exported into RIP from the route table till the export limit is reached.		

Table 41-718 ripRouteMaxLimitReached

Alarm	Attributes	Applicable major releases
Name: ripRouteMaxLimitReached (1090) Type: ProtocolAlarm (1) Package: rip Raised on class: rip.Site	Severity: warning Implicitly cleared: true Default probable cause: maxRouteReached (825)	Unspecified
Description: The alarm is raised when the number of RIP routes learned by an NE exceeds the maximum specified in the RIP configuration of the NE.		
Remedial action: Informational - no corrective action required		

Table 41-719 RootDirMaxFilesReached

Alarm	Attributes	Applicable major releases
Name: RootDirMaxFilesReached (3699) Type: storageAlarm (25) Package: equipment Raised on class: equipment.FlashMemory	Severity: variable Implicitly cleared: false Default probable cause: rootDirMaxFilesReached (1437)	Unspecified
Description: The alarm is raised when the number of files in the root directory reaches the maximum.		
Remedial action: This alarm has been raised due the fact that the number of files in the root directory of the compact flash has gone beyond the pre-defined limit. To rectify this issue please remove unused files from the root directory.		

Table 41-720 RouterLimitExceedDueToMultiAdditions

Alarm	Attributes	Applicable major releases
Name: RouterLimitExceedDueToMultiAdditions (602) Type: cpamLicensingAlarm (39) Package: security Raised on class: security.CpamLicense	Severity: critical Implicitly cleared: true Default probable cause: cpamRouterLimitExceedDueToMultiAdditions (448)	Unspecified
Description: The alarm is raised when the 5650 CPAM cannot discover one or more routers because the license capacity is reached.		
Raising condition: ('License violation due to multiple routers addition' EQUAL 'true')		
Clearing condition: ('License violation due to multiple routers addition' EQUAL 'false')		
Remedial action: Informational - The number of router (Big/Small/Multicast/Third Party) licenses purchased and available on the CPAM server is insufficient as compared to the number of big/small/multicast/third party routers under management in the network. Please contact Alcatel-Lucent Sales to purchase additional licenses.		

Table 41-721 RouteTargetConflict

Alarm	Attributes	Applicable major releases
Name: RouteTargetConflict (6447) Type: configurationAlarm (11) Package: I3fwd Raised on class: I3fwd.ServiceSite	Severity: warning Implicitly cleared: true Default probable cause: routeTargetConflictWithOtherService (2447)	Unspecified
Description: The alarm is raised when the 5620 SAM detects a conflict between the configured route target on VPRN and the Reserved VPRN Table. The alarm information includes the source, i.e., import or export, and the conflict reserved VPRN RT entry distinguished name.		
Remedial action: A configuration error has occurred which should be corrected. The configured VPRN route target has a conflict with the Reserved VPRN Route Target Table. This route target has been reserved by another service.		

Table 41-722 RouteTargetMisConfigured

Alarm	Attributes	Applicable major releases
Name: RouteTargetMisConfigured (8139) Type: configurationAlarm (11) Package: service Raised on class: service.SvcResourceReservation	Severity: warning Implicitly cleared: false Default probable cause: routeTargetMisConfigured (2535)	Unspecified
Description: This alarm is raised when the configured route targets associated with this Reserved Route Target entry has been misconfigured; i.e. the route target RT1 or RT2 is not configured when they are needed for associated VPRN service site creation. The affected route target's relative distinguished name is included in the alarm.		
Remedial action: A configuration error has occurred which should be corrected. This Reserved VPRN Route Target Table does not have all the configured route targets that are needed for the associated VPRN. This alarm needs to be explicitly cleared.		

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Table 41-723 RPSAbnormalState

Alarm	Attributes	Applicable major releases
Name: RPSAbnormalState (3934) Type: rpsAbnormalConditionAlarm (114) Package: mpr Raised on class: mpr.MPRProtection	Severity: variable Implicitly cleared: true Default probable cause: RPSProblem (1517)	Unspecified
Description: The alarm is raised when abnormal state resulted due to force switch/lockout operation in RPS mode.		
Remedial action: This alarm is raised when forced-switch/lockout command in RPS mode which led to an abnormal condition.		

Table 41-724 RPSPathFail

Alarm	Attributes	Applicable major releases
Name: RPSPathFail (8133) Type: equipmentAlarm (3) Package: radioequipment Raised on class: radioequipment.RadioPortSpecifics	Severity: variable Implicitly cleared: true Default probable cause: receiverProtectionFail (824)	Unspecified
Description: The alarm is raised when a receiver protection switchover fails.		
Remedial action: Please refer to the 9500 Node Maintenance manual for remedial action information.		

Table 41-725 RxFail

Alarm	Attributes	Applicable major releases
Name: RxFail (687) Type: communicationsAlarm (4) Package: radioequipment Raised on class: radioequipment.RadioPortSpecifics	Severity: variable Implicitly cleared: true Default probable cause: rxFail (502)	Unspecified
Description: The alarm is raised when an MSS detects a receive failure.		
Remedial action: Please refer to the 9500 Node Maintenance manual for remedial action information.		

Table 41-726 SapDHCPLeaseEntriesExceeded

Alarm	Attributes	Applicable major releases
Name: SapDHCPLeaseEntriesExceeded (386) Type: communicationsAlarm (4) Package: service Raised on class: service.AccessInterface	Severity: major Implicitly cleared: false Default probable cause: sapDHCPLeaseEntriesExceeded (290)	Unspecified

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Alarm	Attributes	Applicable major releases
Description: The alarm is raised when the number of DHCP lease-state entries on a SAP reaches the configured maximum value. This value is defined by sapTlsDhcpLeasePopulate for a TLS VLAN service, and by vRtrIfDhcpLeasePopulate for an IES or VPRN service.		
Remedial action: The Number of DHCP lease-state entries (e.g. subscribers) on the affected interface has crossed the leasePopulate threshold defined in the DHCP Relay configuration of that interface. Please review the DHCP leasePopulate configuration and adjust the number of allowed leases to meet the network requirements. Alternately, the DHCP leases can be spread out across extra interfaces.		

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Table 41-727 sapDHCPLeaseStatePopulateErr

Alarm	Attributes	Applicable major releases
Name: sapDHCPLeaseStatePopulateErr (3908) Type: processingErrorAlarm (81) Package: service Raised on class: service.AccessInterface	Severity: major Implicitly cleared: false Default probable cause: sapDHCPLeaseStatePopulateError (1495)	Unspecified
Description: The alarm is raised when an NE notifies the 5620 SAM that it cannot update the DHCP Lease State table upon reception of a DHCP ACK message.		
Remedial action: The alarm is raised when an NE notifies the 5620 SAM that it cannot update the DHCP Lease State table upon reception of a DHCP ACK message. Verify the local DHCP server configuration or the DHCP relay configuration. Additionally, verify the length of the auto-generated subscriber identification.		

Table 41-728 sapDHCPProxyServerError

Alarm	Attributes	Applicable major releases
Name: sapDHCPProxyServerError (387) Type: communicationsAlarm (4) Package: service Raised on class: service.AccessInterface	Severity: major Implicitly cleared: false Default probable cause: UnableProxyDHCPRequest (291)	Unspecified
Description: The alarm is raised when the 5620 SAM is unable to proxy a DHCP request.		
Remedial action: Please verify your DHCP relay configuration. The local proxy server will not become operational without the emulated-server address being specified. Also ensure the Proxy server state is enabled on this SAP.		

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Table 41-729 SapMismatch

Alarm	Attributes	Applicable major releases
Name: SapMismatch (417) Type: configurationAlarm (11) Package: srrp Raised on class: srrp.Instance	Severity: major Implicitly cleared: false Default probable cause: remoteSapMismatch (310)	Unspecified
Description: The alarm is raised when the SRRP SAPs on the local interface do not match the SRRP SAPs on the remote interface.		
Remedial action: Reconfigure the Service Access Interfaces for the Group Interface so that they connecting to each other for the peer SRRPs.		

Table 41-730 sapReceivedProtSrcMac

Alarm	Attributes	Applicable major releases
Name: sapReceivedProtSrcMac (393) Type: accessInterfaceAlarm (40) Package: I2fwd Raised on class: I2fwd.AccessInterfaceFib	Severity: minor Implicitly cleared: false Default probable cause: ProtectedSourceMacLearned (294)	Unspecified
Description: The alarm is raised when a restricted SAP receives a re-learn request for a protected MAC address.		
Remedial action: Informational - no corrective action required.		

Table 41-731 SapStaticHostDynamicMacConflict

Alarm	Attributes	Applicable major releases
Name: SapStaticHostDynamicMacConflict (313) Type: configurationAlarm (11) Package: antispoof Raised on class: antispoof.AntiSpoofingStaticHosts	Severity: minor Implicitly cleared: false Default probable cause: LearnedDynamicMacAlreadyLearned (243)	Unspecified
Description: The alarm is raised when an NE tries to learn a dynamic MAC address from an IP-only static host.		
Remedial action: Informational - The NE has detected an existing FIB entry with the same MAC address, created for another static host. Clearing the FIB entries could fix it.		

Table 41-732 SapTagMismatch

Alarm	Attributes	Applicable major releases
Name: SapTagMismatch (418) Type: configurationAlarm (11) Package: srrp Raised on class: srrp.Instance	Severity: major Implicitly cleared: false Default probable cause: remoteSyncTagMismatch (311)	Unspecified
Description: The alarm is raised when the tag of a local SAP does not match the tag of a remote SAP.		
Remedial action: Reconfigure the SAPs for the peer SRRP instances so that their tags match each other.		

Table 41-733 SapVlanSubTypeConflict

Alarm	Attributes	Applicable major releases
Name: SapVlanSubTypeConflict (290) Type: configurationAlarm (11) Package: vlan Raised on class: vlan.Site	Severity: warning Implicitly cleared: false Default probable cause: topologyMisconfigured (81)	Unspecified
Description: The alarm is raised when a SAP resynchronization indicates that the VLAN subtype of the SAP is different from the site subtype. The alarm information includes the ID of the associated port.		
Remedial action: Ensure that the VLAN Subtype of the SAP matches the VLAN Subtype of the Site.		

Table 41-734 SasAccountingAlarm

Alarm	Attributes	Applicable major releases
Name: SasAccountingAlarm (691) Type: oamAlarm (18) Package: sas Raised on class: sas.TestSuite	Severity: minor Implicitly cleared: true Default probable cause: noAccountingPolicy (506)	Unspecified
Description: The alarm is raised when the 5620 SAM cannot find an SAA Accounting Policy.		
Remedial action: A configuration error has been made which must be corrected. An SAA Accounting policy is required but has not been configured - please perform the required configuration.		

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Table 41-735 SasPmBinAlarmLimitReached

Alarm	Attributes	Applicable major releases
Name: SasPmBinAlarmLimitReached (5413) Type: configurationAlarm (11) Package: server Raised on class: server.SamServer	Severity: variable Implicitly cleared: false Default probable cause: tooManyAlarmsRaisedByBinStats (2121)	Unspecified
Description: The alarm is raised when PM Bin Statistics has exceeded the limit of alarms for an interval.		
Remedial action: Informational - the maximum number of bin threshold alarms that can be raised in the reset interval has been reached. After the Bin alarm reset interval has passed, alarms can be raised again for the next interval until the number of alarms reaches the limit again.		

Table 41-736 SasPmBinStatThresholdExceeded

Alarm	Attributes	Applicable major releases
Name: SasPmBinStatThresholdExceeded (5412) Type: misConfiguration (53) Package: sas Raised on class: sas.TestManager	Severity: variable Implicitly cleared: false Default probable cause: SasPmBinStatThresholdExceeded (2120)	Unspecified
Description: The alarm is raised if sas pm bin stats count exceeds threshold limit. This Alarm has to be cleared Manually.		
Remedial action: The alarm is raised if sas pm bin stats count exceeds Threshold Limit.This Alarm has to be cleared Manually.		

Table 41-737 SasResultCollectionThresholdExceeded

Alarm	Attributes	Applicable major releases
Name: SasResultCollectionThresholdExceeded (5158) Type: misConfiguration (53) Package: sas Raised on class: sas.TestManager	Severity: major Implicitly cleared: false Default probable cause: sasResultCollectionThresholdExceeded (2078)	Unspecified
Description: The alarm is raised if test result count exceeds maximum allowed Limit.		
Remedial action: collection Rate Greater Than expected.		

Table 41-738 SasResyncWorkerQueueOverflow

Alarm	Attributes	Applicable major releases
Name: SasResyncWorkerQueueOverflow (8137) Type: misConfiguration (53) Package: sas Raised on class: sas.TestManager	Severity: variable Implicitly cleared: false Default probable cause: tooManySasResyncTasks (2533)	Unspecified
Description: The alarm is raised when incoming OAM traps can not be handled because the number of tasks that await processing on the SasResyncWorkerPool queue by the 5620 SAM surpasses the servers capacity to process them. The trap tasks mainly include incoming test results and threshold crossing events.		
Remedial action: Consider stopping some SNMP based tests or using accounting-file based tests instead. The alarm has to be cleared manually.		

Table 41-739 SasThresholdExceededAlarm

Alarm	Attributes	Applicable major releases
Name: SasThresholdExceededAlarm (272) Type: oamAlarm (18) Package: sas Raised on class: sas.Test	Severity: major Implicitly cleared: true Default probable cause: networkDegradation (204)	Unspecified
Description: The alarm is raised when a rising or falling threshold is crossed by a jitter, latency, or loss value. The alarm is raised only against a scheduled test. The alarm information includes the threshold type, the threshold setting, and the current rising or falling value.		
Remedial action: Informational - if the alarm persists or is occurring frequently then investigation is required to understand why the underlying transport network is unreliable.		

Table 41-740 SasTooManyTestsOnNodeAlarm

Alarm	Attributes	Applicable major releases
Name: SasTooManyTestsOnNodeAlarm (287) Type: oamAlarm (18) Package: sas Raised on class: sas.NeAgent	Severity: major Implicitly cleared: true Default probable cause: tooManyTestsDeployedOnNode (220)	Unspecified
Description: The alarm is raised when an NE reaches 60 percent of the allowed number of created or simultaneously executed OAM tests. An attempt to create or execute an NE schedulable test on an NE fails when the number of tests reaches 95 percent of the NE capacity. The alarm information includes the following: - the NE ID - the number of deployed tests on the NE - the allowed number of deployed tests on the NE		
Remedial action: Informational - 5620 SAM is close to or at the maximum number of OAM tests it can support.		

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Table 41-741 scriptBackupLost

Alarm	Attributes	Applicable major releases
Name: scriptBackupLost (273) Type: configurationAlarm (11) Package: subscriber Raised on class: subscriber.Policy	Severity: warning Implicitly cleared: true Default probable cause: backupDown (205)	Unspecified
Description: The alarm is raised when the primary subscriber identification script URL is operationally up, but a lower-priority script or URL is operationally down.		
Raising condition: (('isLocal' EQUAL 'true') AND ('Primary Script Operational State' EQUAL 'Up') AND (('Secondary Script Operational State' NOT EQUAL 'Up') OR ('Tertiary Script Operational State' NOT EQUAL 'Up'))		
Clearing condition: (('isLocal' EQUAL 'true') AND (('Primary Script Operational State' NOT EQUAL 'Up') OR (('Secondary Script Operational State' EQUAL 'Up') AND ('Tertiary Script Operational State' EQUAL 'Up'))))		
Remedial action: If the DHCP ACK Python script processing behaviour is desired, please make sure that primary, secondary and tertiary scripts are installed and operationally up.		

Table 41-742 SdpBindingMisconfigured

Alarm	Attributes	Applicable major releases
Name: SdpBindingMisconfigured (293) Type: SdpBindingAlarm (30) Package: svt Raised on class: svt.SdpBinding	Severity: critical Implicitly cleared: true Default probable cause: returnSdpBindingTypeMismatch (224)	Unspecified
Description: The alarm is raised when the return SDP binding type does not match the originating SDP binding type, for example, when the return SDP binding is spoke and the originating SDP binding is mesh.		
Remedial action: A configuration error has occurred which must be corrected. The configuration on the endpoints of the SDP does not match causing the SDP to be down. Correct the configuration error and the SDP will come up.		

Table 41-743 sdpBindReceivedProtSrcMac

Alarm	Attributes	Applicable major releases
Name: sdpBindReceivedProtSrcMac (3746) Type: SdpBindingAlarm (30) Package: I2fwd Raised on class: I2fwd.AbstractCircuitFib	Severity: minor Implicitly cleared: false Default probable cause: ProtectedSourceMacLearned (294)	Unspecified
Description: The alarm is raised when a restricted SDP receives a re-learn request for a protected MAC address.		
Remedial action: Informational - no corrective action required.		

Table 41-744 SdpMldSnpgGrpDroppedLimitExceeded

Alarm	Attributes	Applicable major releases
Name: SdpMldSnpgGrpDroppedLimitExceeded (738) Type: SdpBindingAlarm (30) Package: vpls Raised on class: vpls.SdpBindingMldSnpgCfg	Severity: warning Implicitly cleared: false Default probable cause: igmpSnpgGrpMaxNbrGrpsReached (292)	Unspecified
Description: The alarm is raised when an SDP binding drops an MLD group because the configurable maximum number of MLD groups on the SDP binding is reached.		
Remedial action: Increase the maximum number of MLD groups for the SDP binding.		

Table 41-745 sdpPbbActvPwWithNonActvCtrlPwChg

Alarm	Attributes	Applicable major releases
Name: sdpPbbActvPwWithNonActvCtrlPwChg (5416) Type: processingErrorAlarm (81) Package: svt Raised on class: svt.Tunnel	Severity: warning Implicitly cleared: true Default probable cause: sdpPbbActvPwWithNonActvCtrlPwChg (2123)	Unspecified
Description: The alarm is raised when last pseudo-wire (PW) goes standby or down and when first PW becomes active on the Backbone Edge Bridge (BEB) where control PW is standby or down on that SDP.		
Remedial action: sdpPbbActvPwWithNonActvCtrlPwChg event with sdpPbbActvPwWithNonActvCtrlPw set to 'false' indicate clearing of sdpPbbActvPwWithNonActvCtrlPwChg with sdpPbbActvPwWithNonActvCtrlPw set to 'true'.		

Table 41-746 SecondaryBatteryFail (equipment)

Alarm	Attributes	Applicable major releases
Name: SecondaryBatteryFail (3624) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.Equipment	Severity: variable Implicitly cleared: true Default probable cause: secondaryBatteryFail (1412)	Unspecified
Description: The alarm is raised when a secondary battery failure is detected.		
Remedial action: The battery on the CPM should be replaced or re-installed.		

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Table 41-747 SecondaryBatteryFail (mpr)

Alarm	Attributes	Applicable major releases
Name: SecondaryBatteryFail (3624) Type: equipmentAlarm (3) Package: mpr Raised on class: mpr.SubRackElements	Severity: variable Implicitly cleared: true Default probable cause: secondaryBatteryFail (1412)	Unspecified
Description: The alarm is raised when a secondary battery failure is detected.		
Remedial action: The battery on the subrack element(MPT) should be replaced or re-installed.		

Table 41-748 SectionTraceMismatch

Alarm	Attributes	Applicable major releases
Name: SectionTraceMismatch (2943) Type: communicationsAlarm (4) Package: equipment Raised on class: equipment.Port	Severity: variable Implicitly cleared: true Default probable cause: sectionTraceMismatch (1133)	Unspecified
Description: The alarm is raised when a trace mismatch is detected on a SONET section.		
Remedial action: Please refer to the 9500 Node Maintenance manual for remedial action information.		

Table 41-749 SerialChannelLoopback

Alarm	Attributes	Applicable major releases
Name: SerialChannelLoopback (807) Type: configurationAlarm (11) Package: tdmequipment Raised on class: tdmequipment.SerialChannelSpecifics	Severity: warning Implicitly cleared: false Default probable cause: serialChannelLoopback (573)	Unspecified
Description: The alarm is raised when an NE reports that a serial channel has a loopback alarm condition.		
Remedial action: Informational only.		

Table 41-750 ServerDeclineStaticAddr

Alarm	Attributes	Applicable major releases
Name: ServerDeclineStaticAddr (3951) Type: configurationAlarm (11) Package: dhcp Raised on class: dhcp.AbstractDhcpServer	Severity: warning Implicitly cleared: false Default probable cause: DhcpClientHasStaticIpAddress (1530)	Unspecified
Description: The tmnxDhcpSvrDeclineStaticAddr notification is generated when a DHCP decline message is received from a DHCP client that has a static IP address assigned.		
Remedial action: DHCP client has a static IP address. Make sure that the DHCP client has a dynamic IP address		

Table 41-751 ServerLeaseDefaultTimers

Alarm	Attributes	Applicable major releases
Name: ServerLeaseDefaultTimers (2937) Type: configurationAlarm (11) Package: dhcp Raised on class: dhcp.AbstractDhcpServer	Severity: warning Implicitly cleared: false Default probable cause: LeaseTimerInconsistent (1129)	Unspecified
Description: The alarm is raised when the system has reverted to default lease timer values for a particular DHCP client because the configuration of the lease timers was inconsistent.		
Remedial action: This warning is generated when configuration of the lease timers of a particular DHCP client is inconsistent; the system has reverted to default lease timer values. The lease renew time T1 and lease rebind time T2 have been reverted to the default value of 1/2 and 2/3 of the lease time. Please check the lease timers configuration on the local DHCP server to ensure the timers are compatible.		

Table 41-752 ServerMaxLeasesReached

Alarm	Attributes	Applicable major releases
Name: ServerMaxLeasesReached (3316) Type: configurationAlarm (11) Package: netw Raised on class: netw.NetworkElement	Severity: critical Implicitly cleared: false Default probable cause: DhcpSvrMaxLeasesReached (1155)	Unspecified
Description: The alarm is raised when the maximum number of leases allocated by local DHCP server is reached.		
Remedial action: Informational - this alarm indicates that the maximum number of leases allocated by a local DHCP server was reached. The address ranges for existing address pools should be extended or a new address pool should be configured for the local DHCP server.		

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Table 41-753 ServerMsgTooLong

Alarm	Attributes	Applicable major releases
Name: ServerMsgTooLong (2938) Type: configurationAlarm (11) Package: dhcp Raised on class: dhcp.AbstractDhcpServer	Severity: warning Implicitly cleared: false Default probable cause: DhcpSvrMsgTooLong (1130)	Unspecified
Description: The alarm is raised when a DHCP message is generated but the message size exceeds either the maximum DHCP message size, or the size provided by the client in the option maximum DHCP message size.		
Remedial action: Review the access network DHCP configuration to ensure all parties send DHCP packets with appropriate message size.		

Table 41-754 ServerUserDatabaseUnknown

Alarm	Attributes	Applicable major releases
Name: ServerUserDatabaseUnknown (3952) Type: configurationAlarm (11) Package: dhcp Raised on class: dhcp.AbstractDhcpServer	Severity: warning Implicitly cleared: false Default probable cause: CannotFindUserDatabase (1531)	Unspecified
Description: The tmnxDhcpSvrUserDbUnknown notification is generated when the local DHCP server instance drops a DHCP message because a local user database with the name specified for this server instance could not be found.		
Remedial action: Please specify a valid local user database for this server instance.		

Table 41-755 ServiceMisConfigured

Alarm	Attributes	Applicable major releases
Name: ServiceMisConfigured (8140) Type: configurationAlarm (11) Package: service Raised on class: service.SvcResourceReservation	Severity: warning Implicitly cleared: true Default probable cause: serviceMisConfigured (2536)	Unspecified
Description: This alarm is raised when the VPRN service associated with a route target reservation entry has been modified, i.e., the service name is changed, or the service is deleted, or there is duplicate VPRN service with the same service and customer name detected. The associated service manager ID is attached with the alarm.		
Remedial action: A configuration error has occurred which should be corrected. The VPRN service associated with this Route Target Reservation entry has been modified, or there is duplicate VPRN service with the same service name detected.		

Table 41-756 SflowCpEntrySampling

Alarm	Attributes	Applicable major releases
Name: SflowCpEntrySampling (8142) Type: communicationsAlarm (4) Package: sflow Raised on class: sflow.Receiver	Severity: major Implicitly cleared: true Default probable cause: SflowCpSamplingInterruptedorStarted (2538)	Unspecified
Description: The alarm is raised when the sampling of an sFlow counter poller is interrupted or started.		
Remedial action: Counter sampling may not be available. Make sure counter poller is reachable from NE and no counter poller sequence reset happened.		

Table 41-757 SflowPacketTransmissionFailure

Alarm	Attributes	Applicable major releases
Name: SflowPacketTransmissionFailure (8143) Type: communicationsAlarm (4) Package: sflow Raised on class: sflow.Receiver	Severity: major Implicitly cleared: true Default probable cause: SflowPacketTxFailure (2539)	Unspecified
Description: The alarm is raised when an sFlow packet fails to transmit from an active sFlow receiver.		
Remedial action: Packet transmission failed.Flow data may be lost. Please check the Receiver configurations and make sure it is up and running.		

Table 41-758 SGLimitExceeded

Alarm	Attributes	Applicable major releases
Name: SGLimitExceeded (456) Type: resourceAlarm (28) Package: equipment Raised on class: equipment.Card	Severity: warning Implicitly cleared: false Default probable cause: pimSnpgSGGroupMaxSupportedLimitExceeded (350)	Unspecified
Description: The alarm is raised when the number of PIM snooping source group records on a card exceeds the maximum.		
Remedial action: Informational - The alarm is raised when the number of PIM snooping source group records on a card exceeds the maximum. To rectify this issue please increase the max number of groups for the pim snooping associated with the card. The maximum number allowed is 16,000 (S,G) entries.		

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Table 41-759 ShamLinkDbDescriptAuthFailure

Alarm	Attributes	Applicable major releases
Name: ShamLinkDbDescriptAuthFailure (663) Type: authenticationAlarm (14) Package: ospf Raised on class: ospf.ShamLink	Severity: warning Implicitly cleared: false Default probable cause: authTypeMismatch (45) Applicable probable causes: <ul style="list-style-type: none"> authTypeMismatch authFailure 	Unspecified
Description: The alarm is raised when an NE receives a dbDescript packet on a sham link from an NE whose authentication key or authentication type conflicts with the local NE authentication key or authentication type.		
Remedial action: Informational - The alarm signifies that a dbDescript packet has been received on a sham link from the network whose authentication key or authentication type conflicts with the local NE's configuration.		

Table 41-760 ShamLinkDbDescriptConfig

Alarm	Attributes	Applicable major releases
Name: ShamLinkDbDescriptConfig (664) Type: configurationAlarm (11) Package: ospf Raised on class: ospf.ShamLink	Severity: warning Implicitly cleared: false Default probable cause: badVersion (35) Applicable probable causes: <ul style="list-style-type: none"> badVersion areaMismatch unknownNbmaNbr unknownVirtualNbr netMaskMismatch helloIntervalMismatch deadIntervalMismatch optionMismatch mtuMismatch noError duplicateRouterId ifAdminDown ifPassive 	Unspecified
Description: The alarm is raised when an NE receives a dbDescript packet on a sham link from an NE whose configuration parameters conflict with the local NE configuration parameters.		
Remedial action: Informational - The alarm signifies that a dbDescript packet has been received on a sham link from the network whose configuration parameters conflict with the local NE's configurations.		

Table 41-761 ShamLinkHelloAuthFailure

Alarm	Attributes	Applicable major releases
Name: ShamLinkHelloAuthFailure (666) Type: authenticationAlarm (14) Package: ospf Raised on class: ospf.ShamLink	Severity: warning Implicitly cleared: false Default probable cause: authTypeMismatch (45) Applicable probable causes: <ul style="list-style-type: none"> • authTypeMismatch • authFailure 	Unspecified
Description: The alarm is raised when an NE receives a hello packet on a sham link from an NE whose authentication key or authentication type conflicts with the local NE authentication key or authentication type.		
Remedial action: Informational - The alarm signifies that a hello packet has been received on a sham link from the network whose authentication key or authentication type conflicts with the local NE's configuration.		

Table 41-762 ShamLinkHelloConfig

Alarm	Attributes	Applicable major releases
Name: ShamLinkHelloConfig (667) Type: configurationAlarm (11) Package: ospf Raised on class: ospf.ShamLink	Severity: warning Implicitly cleared: false Default probable cause: badVersion (35) Applicable probable causes: <ul style="list-style-type: none"> • badVersion • areaMismatch • unknownNbmaNbr • unknownVirtualNbr • netMaskMismatch • helloIntervalMismatch • deadIntervalMismatch • optionMismatch • mtuMismatch • noError • duplicateRouterId • ifAdminDown • ifPassive 	Unspecified
Description: The alarm is raised when an NE receives a hello packet on a sham link from an NE whose configuration parameters conflict with the local NE configuration parameters.		
Remedial action: Informational - The alarm signifies that a hello packet has been received on a sham link from the network whose configuration parameters conflict with the local NE's configurations.		

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Table 41-763 ShamLinkLsAckAuthFailure

Alarm	Attributes	Applicable major releases
Name: ShamLinkLsAckAuthFailure (668) Type: authenticationAlarm (14) Package: ospf Raised on class: ospf.ShamLink	Severity: warning Implicitly cleared: false Default probable cause: authTypeMismatch (45) Applicable probable causes: <ul style="list-style-type: none"> authTypeMismatch authFailure 	Unspecified
Description: The alarm is raised when an NE receives an IsAck packet on a sham link from an NE whose authentication key or authentication type conflicts with the local NE authentication key or authentication type.		
Remedial action: Informational - The alarm signifies that a IsAck packet has been received on a sham link from the network whose authentication key or authentication type conflicts with the local NE's configuration.		

Table 41-764 ShamLinkLsAckConfig

Alarm	Attributes	Applicable major releases
Name: ShamLinkLsAckConfig (669) Type: configurationAlarm (11) Package: ospf Raised on class: ospf.ShamLink	Severity: warning Implicitly cleared: false Default probable cause: badVersion (35) Applicable probable causes: <ul style="list-style-type: none"> badVersion areaMismatch unknownNbmaNbr unknownVirtualNbr netMaskMismatch helloIntervalMismatch deadIntervalMismatch optionMismatch mtuMismatch noError duplicateRouterId ifAdminDown ifPassive 	Unspecified
Description: The alarm is raised when an NE receives an IsAck packet on a sham link from an NE whose configuration parameters conflict with the local NE configuration parameters.		
Remedial action: Informational - The alarm signifies that a IsAck packet has been received on a sham link from the network whose configuration parameters conflict with the local NE's configurations.		

Table 41-765 ShamLinkLsReqAuthFailure

Alarm	Attributes	Applicable major releases
Name: ShamLinkLsReqAuthFailure (670) Type: authenticationAlarm (14) Package: ospf Raised on class: ospf.ShamLink	Severity: warning Implicitly cleared: false Default probable cause: authTypeMismatch (45) Applicable probable causes: <ul style="list-style-type: none"> authTypeMismatch authFailure 	Unspecified
Description: The alarm is raised when an NE receives an IsReq packet on a sham link from an NE whose authentication key or authentication type conflicts with the local NE authentication key or authentication type.		
Remedial action: Informational - The alarm signifies that a IsReq packet has been received on a sham link from the network whose authentication key or authentication type conflicts with the local NE's configuration.		

Table 41-766 ShamLinkLsReqConfig

Alarm	Attributes	Applicable major releases
Name: ShamLinkLsReqConfig (671) Type: configurationAlarm (11) Package: ospf Raised on class: ospf.ShamLink	Severity: warning Implicitly cleared: false Default probable cause: badVersion (35) Applicable probable causes: <ul style="list-style-type: none"> badVersion areaMismatch unknownNbmaNbr unknownVirtualNbr netMaskMismatch helloIntervalMismatch deadIntervalMismatch optionMismatch mtuMismatch noError duplicateRouterId ifAdminDown ifPassive 	Unspecified
Description: The alarm is raised when an NE receives an IsReq packet on a sham link from an NE whose configuration parameters conflict with the local NE configuration parameters.		
Remedial action: Informational - The alarm signifies that a IsReq packet has been received on a sham link from the network whose configuration parameters conflict with the local NE's configurations.		

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Table 41-767 ShamLinkLsUpdateAuthFailure

Alarm	Attributes	Applicable major releases
Name: ShamLinkLsUpdateAuthFailure (672) Type: authenticationAlarm (14) Package: ospf Raised on class: ospf.ShamLink	Severity: warning Implicitly cleared: false Default probable cause: authTypeMismatch (45) Applicable probable causes: <ul style="list-style-type: none"> • authTypeMismatch • authFailure 	Unspecified
Description: The alarm is raised when an NE receives an IsUpdate packet on a sham link from an NE whose authentication key or authentication type conflicts with the local NE authentication key or authentication type.		
Remedial action: Informational - The alarm signifies that a IsUpdate packet has been received on a sham link from the network whose authentication key or authentication type conflicts with the local NE's configuration.		

Table 41-768 ShamLinkLsUpdateConfig

Alarm	Attributes	Applicable major releases
Name: ShamLinkLsUpdateConfig (673) Type: configurationAlarm (11) Package: ospf Raised on class: ospf.ShamLink	Severity: warning Implicitly cleared: false Default probable cause: badVersion (35) Applicable probable causes: <ul style="list-style-type: none"> • badVersion • areaMismatch • unknownNbmaNbr • unknownVirtualNbr • netMaskMismatch • helloIntervalMismatch • deadIntervalMismatch • optionMismatch • mtuMismatch • noError • duplicateRouterId • ifAdminDown • ifPassive 	Unspecified
Description: The alarm is raised when an NE receives an IsUpdate packet on a sham link from an NE whose configuration parameters conflict with the local NE configuration parameters.		
Remedial action: Informational - The alarm signifies that a IsUpdate packet has been received on a sham link from the network whose configuration parameters conflict with the local NE's configurations.		

Table 41-769 ShamLinkNullPacketAuthFailure

Alarm	Attributes	Applicable major releases
Name: ShamLinkNullPacketAuthFailure (674) Type: authenticationAlarm (14) Package: ospf Raised on class: ospf.ShamLink	Severity: warning Implicitly cleared: false Default probable cause: authTypeMismatch (45) Applicable probable causes: <ul style="list-style-type: none"> • authTypeMismatch • authFailure 	Unspecified
Description: The alarm is raised when an NE receives a null packet on a sham link from an NE whose authentication key or authentication type conflicts with the local NE authentication key or authentication type.		
Remedial action: Informational - The alarm signifies that a null packet has been received on a sham link from the network whose authentication key or authentication type conflicts with the local NE's configuration.		

Table 41-770 ShamLinkNullPacketConfig

Alarm	Attributes	Applicable major releases
Name: ShamLinkNullPacketConfig (675) Type: configurationAlarm (11) Package: ospf Raised on class: ospf.ShamLink	Severity: warning Implicitly cleared: false Default probable cause: badVersion (35) Applicable probable causes: <ul style="list-style-type: none"> • badVersion • areaMismatch • unknownNbmaNbr • unknownVirtualNbr • netMaskMismatch • helloIntervalMismatch • deadIntervalMismatch • optionMismatch • mtuMismatch • noError • duplicateRouterId • ifAdminDown • ifPassive 	Unspecified
Description: The alarm is raised when an NE receives a null packet on a sham link from an NE whose configuration parameters conflict with the local NE configuration parameters.		
Remedial action: Informational - The alarm signifies that a null packet has been received on a sham link from the network whose configuration parameters conflict with the local NE's configurations.		

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Table 41-771 ShamLinkRxBadPacket

Alarm	Attributes	Applicable major releases
Name: ShamLinkRxBadPacket (676) Type: communicationsAlarm (4) Package: ospf Raised on class: ospf.ShamLink	Severity: warning Implicitly cleared: false Default probable cause: hello (47) Applicable probable causes: <ul style="list-style-type: none"> • hello • dbDescript • IsReq • IsUpdate • IsAck • nullPacket 	Unspecified
Description: The alarm is raised when an NE cannot parse an OSPF packet that it receives on a sham link.		
Remedial action: Informational - an NE cannot parse an OSPF packet that it receives on a sham link.		

Table 41-772 ShelfCPUAboveThreshold

Alarm	Attributes	Applicable major releases
Name: ShelfCPUAboveThreshold (638) Type: configurationAlarm (11) Package: equipment Raised on class: equipment.HealthMonitoring	Severity: major Implicitly cleared: false Default probable cause: ShelfCPUUtilizationCrossedAboveThreshold (474)	Unspecified
Description: The alarm is raised when shelf CPU usage exceeds the threshold value.		
Remedial action: Informational - Please contact Alcatel-Lucent support for assistance.		

Table 41-773 ShelfMemoryAboveThreshold

Alarm	Attributes	Applicable major releases
Name: ShelfMemoryAboveThreshold (639) Type: configurationAlarm (11) Package: equipment Raised on class: equipment.HealthMonitoring	Severity: major Implicitly cleared: false Default probable cause: ShelfMemoryUtilizationCrossedAboveThreshold (475)	Unspecified
Description: The alarm is raised when shelf memory usage exceeds the threshold value.		
Remedial action: Informational - Please contact Alcatel-Lucent support for assistance.		

Table 41-774 ShelfRxAboveThreshold

Alarm	Attributes	Applicable major releases
Name: ShelfRxAboveThreshold (640) Type: configurationAlarm (11) Package: equipment Raised on class: equipment.HealthMonitoring	Severity: major Implicitly cleared: false Default probable cause: ShelfRxUtilizationCrossedAboveThreshold (476)	Unspecified
Description: The alarm is raised when shelf Rx exceeds the threshold value.		
Remedial action: Informational - Please contact Alcatel-Lucent support for assistance.		

Table 41-775 ShelfRxTxAboveThreshold

Alarm	Attributes	Applicable major releases
Name: ShelfRxTxAboveThreshold (641) Type: configurationAlarm (11) Package: equipment Raised on class: equipment.HealthMonitoring	Severity: major Implicitly cleared: false Default probable cause: ShelfRxTxUtilizationCrossedAboveThreshold (477)	Unspecified
Description: The alarm is raised when shelf Tx exceeds the threshold value.		
Remedial action: Informational - Please contact Alcatel-Lucent support for assistance.		

Table 41-776 ShelfTemperatureAboveThreshold

Alarm	Attributes	Applicable major releases
Name: ShelfTemperatureAboveThreshold (642) Type: configurationAlarm (11) Package: equipment Raised on class: equipment.HealthMonitoring	Severity: major Implicitly cleared: false Default probable cause: ShelfTemperatureUtilizationCrossedAboveThreshold (478)	Unspecified
Description: The alarm is raised when shelf temperature exceeds the threshold value.		
Remedial action: The NE has detected internal temperatures which are abnormally high. This could be caused by a failed fan unit or one or more dirty fan filters. Replacing the failed unit or filters should resolve the problem. Alternately the environment that the NE is operating in may not be within specifications found in the NE user guides.		

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Table 41-777 SignalLabelMismatch

Alarm	Attributes	Applicable major releases
Name: SignalLabelMismatch (3625) Type: communicationsAlarm (4) Package: equipment Raised on class: equipment.Port	Severity: variable Implicitly cleared: true Default probable cause: signalLabelMismatch (619)	Unspecified
Description: The alarm is raised when a signal label mismatch is detected.		
Remedial action: Please refer to the 9500 Node Maintenance manual for remedial action information.		

Table 41-778 SiteBgpAdVplsIdMisconfiguration

Alarm	Attributes	Applicable major releases
Name: SiteBgpAdVplsIdMisconfiguration (739) Type: configurationAlarm (11) Package: vpls Raised on class: vpls.BgpAdSite	Severity: major Implicitly cleared: true Default probable cause: bgpAdVplsIdInconsistent (439)	Unspecified
Description: The alarm is raised when the configured VPLS ID on a BGP AD object differs from the VPLS ID configured for the VPLS site.		
Remedial action: The VPLS ID on a BGP AD object must match the VPLS ID configured for the VPLS site.		

Table 41-779 SiteSyncDeploymentFailure

Alarm	Attributes	Applicable major releases
Name: SiteSyncDeploymentFailure (589) Type: equipmentAlarm (3) Package: sonet Raised on class: sonet.SiteSync	Severity: major Implicitly cleared: false Default probable cause: siteSyncFailure (441)	Unspecified
Description: The alarm is raised when the 5620 SAM tries to deploy a value for an object when a transaction that involves the object is in progress from a different context.		
Remedial action: Another transaction is updating the object, Please try after some time.		

Table 41-780 SnmpTrapDropped

Alarm	Attributes	Applicable major releases
Name: SnmpTrapDropped (179) Type: communicationsAlarm (4) Package: netw Raised on class: netw.NetworkElement	Severity: warning Implicitly cleared: false Default probable cause: snmpDaemonOverloaded (141)	Unspecified
Description: The alarm is raised when the 5620 SAM receives a tmnxTrapDropped notification from an NE to indicate that the NE has dropped a trap. As a result, the 5620 SAM resynchronizes the table associated with the dropped trap.		
Remedial action: Informational.		

Table 41-781 SoftwareBootFailure

Alarm	Attributes	Applicable major releases
Name: SoftwareBootFailure (107) Type: softwareAlarm (19) Package: sw Raised on class: sw.CardSoftware	Severity: major Implicitly cleared: true Default probable cause: softwareBootProblem (91)	Unspecified
Description: The alarm is raised when an NE fails to boot because of a software problem.		
Remedial action: Please contact Alcatel-Lucent support for assistance.		

Table 41-782 SoftwareDownloading

Alarm	Attributes	Applicable major releases
Name: SoftwareDownloading (109) Type: softwareAlarm (19) Package: sw Raised on class: sw.CardSoftware	Severity: warning Implicitly cleared: true Default probable cause: softwareDownloading (93)	Unspecified
Description: The alarm is raised when an NE begins to download software to a IOM or CPM card.		
Remedial action: Informational		

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Table 41-783 SoftwareFailureAlarm

Alarm	Attributes	Applicable major releases
Name: SoftwareFailureAlarm (149) Type: softwareAlarm (19) Package: equipment Raised on class: equipment.ReplaceableUnit	Severity: critical Implicitly cleared: true Default probable cause: loadFailed (124)	Unspecified
Description: The alarm is raised when the CPM fails to load the software from the specified location. The alarm information includes the software location.		
Remedial action: The CPM card did not find the SW in the expected location. Reinstall the SW using 5620 SAM.		

Table 41-784 SoftwareInitialized

Alarm	Attributes	Applicable major releases
Name: SoftwareInitialized (111) Type: softwareAlarm (19) Package: sw Raised on class: sw.CardSoftware	Severity: warning Implicitly cleared: true Default probable cause: softwareInitialized (95)	Unspecified
Description: The alarm is raised when software initialization on an IOM or CPM card completes.		
Remedial action: Informational		

Table 41-785 SoftwareInitializing

Alarm	Attributes	Applicable major releases
Name: SoftwareInitializing (110) Type: softwareAlarm (19) Package: sw Raised on class: sw.CardSoftware	Severity: warning Implicitly cleared: true Default probable cause: softwareInitializing (94)	Unspecified
Description: The alarm is raised when software initialization on an IOM or CPM card begins.		
Remedial action: Informational		

Table 41-786 SoftwareUpgradeDownloadFailed

Alarm	Attributes	Applicable major releases
Name: SoftwareUpgradeDownloadFailed (3695) Type: communicationsAlarm (4) Package: Ite Raised on class: Ite.ENBEquipment	Severity: warning Implicitly cleared: true Default probable cause: linkFailure (740)	Unspecified
Description: This alarm is raised when the transfer of software scheduled by a Self Config policy fails due to communication problem (communication timeout, cable disconnected). It is automatically cleared before starting a new upgrade scheduled by a Self Config policy.		
Remedial action: Check what happened during the File Transfer. Possible issues: Loss of NE Connectivity, FTP daemon down, FTP credential issues		

Table 41-787 SoftwareUpgradeOperationNotAttempted

Alarm	Attributes	Applicable major releases
Name: SoftwareUpgradeOperationNotAttempted (1963) Type: communicationsAlarm (4) Package: Ite Raised on class: Ite.ENBEquipment	Severity: warning Implicitly cleared: true Default probable cause: bsCommunicationOffline (904)	Unspecified
Description: This alarm is raised when the BS Communication State goes 'offline'. While BS communication state is 'offline' none of the Software Upgrade Operations can be attempted		
Clearing condition: (('bsCommunicationState' EQUAL 'omcManaged'))		
Remedial action: Release NEM sessions		

Table 41-788 SonetSDHLoopback

Alarm	Attributes	Applicable major releases
Name: SonetSDHLoopback (407) Type: configurationAlarm (11) Package: sonetequipment Raised on class: sonetequipment.SonetPortSpecifics	Severity: warning Implicitly cleared: true Default probable cause: sonetSDHLoopback (303)	Unspecified
Description: The alarm is raised when a loopback test is provisioned on a SONET/SDH port.		
Remedial action: Remove the loopback test from the SONET/SDH port.		

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Table 41-789 SONEventsProcessingDelayed

Alarm	Attributes	Applicable major releases
Name: SONEventsProcessingDelayed (3874) Type: integrityViolation (85) Package: lte Raised on class: lte.ENBEquipment	Severity: warning Implicitly cleared: true Default probable cause: UnableToAcquireLock (949)	Unspecified
Description: This alarm is raised when a SON event cannot be handled (CM session is running). It is automatically cleared.		
Remedial action: Informational only - self-correcting condition.		

Table 41-790 sourceSapChange

Alarm	Attributes	Applicable major releases
Name: sourceSapChange (4813) Type: ConfigurationAlarm (15) Package: mirror Raised on class: mirror.SourceInterface	Severity: warning Implicitly cleared: false Default probable cause: tMirrorSourceSapChange (430)	Unspecified
Description: The alarm is raised when a SAP that is associated with this mirror source is modified or deleted.		
Remedial action: Informational - no corrective action required.		

Table 41-791 SpbNbrMultAdjExists

Alarm	Attributes	Applicable major releases
Name: SpbNbrMultAdjExists (4394) Type: configurationAlarm (11) Package: spb Raised on class: spb.Site	Severity: major Implicitly cleared: true Default probable cause: multiAdj (1573)	Unspecified
Description: The alarm is sent when IS-IS SPB instance detects a neighbor to which it already has a direct adjacency on another interface.		
Remedial action: Check number of links to neighbor to make sure there is only one SPB link.		

Table 41-792 SpbRejectedAdjacency

Alarm	Attributes	Applicable major releases
Name: SpbRejectedAdjacency (4395) Type: adjacencyAlarm (31) Package: spb Raised on class: spb.AbstractInterface	Severity: minor Implicitly cleared: true Default probable cause: interfaceMismatch (170)	Unspecified
Description: The alarm is raised when the 5620 SAM receives a vRtrIsisRejectedAdjacency trap, which indicates that an adjacency cannot be established in response to a Hello PDU from an IS because of a lack of resources.		
Remedial action: Informational, might have exceeded the maximum number of adjacencies allowed.		

Table 41-793 SSHLoginMaxAttempts

Alarm	Attributes	Applicable major releases
Name: SSHLoginMaxAttempts (3702) Type: communicationsAlarm (4) Package: netw Raised on class: netw.NetworkElement	Severity: warning Implicitly cleared: false Default probable cause: sshLoginMaxAttempts (1441)	Unspecified
Description: The alarm is raised when the number of CLI login failures due incorrect user name or password using SSH session exceeds the configured value.		
Remedial action: Informational		

Table 41-794 StandbyVersionMismatch (equipment)

Alarm	Attributes	Applicable major releases
Name: StandbyVersionMismatch (1174) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.Equipment	Severity: variable Implicitly cleared: true Default probable cause: standbyVersionMismatch (875)	Unspecified
Description: The alarm is raised when a standby device software version mismatch is detected.		
Remedial action: Please refer to the 9500 Node Maintenance manual for remedial action information.		

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Table 41-795 StandbyVersionMismatch (mpr)

Alarm	Attributes	Applicable major releases
Name: StandbyVersionMismatch (1174) Type: equipmentAlarm (3) Package: mpr Raised on class: mpr.SubRackElements	Severity: variable Implicitly cleared: true Default probable cause: standbyVersionMismatch (875)	Unspecified
Description: The alarm is raised when a standby device software version mismatch is detected.		
Remedial action: This alarm is raised when standby Software version on the MPT does not match the software version on the core. Please refer to the 9500 Node Maintenance manual for remedial action information.		

Table 41-796 StatsPollerProblem

Alarm	Attributes	Applicable major releases
Name: StatsPollerProblem (5404) Type: communicationsAlarm (4) Package: netw Raised on class: netw.NetworkElement	Severity: major Implicitly cleared: true Default probable cause: resyncFailed (24)	Unspecified
Description: The alarm is raised when the 5620 SAM is unable to poll a network stats object, for example, because of intermittent or no IP connectivity to an NE, incorrect SNMP security parameters, or disabled SNMP on the NE.		
Remedial action: Informational - if the alarm persists or is occurring frequently then investigation is required to understand a) why the underlying transport network is unreliable or b) why the NE is too busy to respond to 5620 SAM or c) has SNMP been disabled on the NE. Once the issue has been resolved SAM will automatically re-attempt.		

Table 41-797 STMSystemMultiAuxAvailable

Alarm	Attributes	Applicable major releases
Name: STMSystemMultiAuxAvailable (527) Type: misConfiguration (53) Package: sas Raised on class: sas.TestManager	Severity: critical Implicitly cleared: false Default probable cause: multiAuxiliaryServersAvailable (399)	Unspecified
Description: The alarm is raised when the 5620 SAM detects multiple available auxiliary servers for test execution.		
Remedial action: Reserved for future use		

Table 41-798 STMSystemNotAvailable

Alarm	Attributes	Applicable major releases
Name: STMSystemNotAvailable (526) Type: communicationsAlarm (4) Package: sas Raised on class: sas.TestManager	Severity: critical Implicitly cleared: false Default probable cause: noAuxiliaryServersAvailable (256)	Unspecified
Description: The alarm is raised when the 5620 SAM detects no available auxiliary servers for test execution.		
Remedial action: Reserved for future use		

Table 41-799 STMTestIdRangeMismatch

Alarm	Attributes	Applicable major releases
Name: STMTestIdRangeMismatch (792) Type: oamAlarm (18) Package: sas Raised on class: sas.TestManager	Severity: major Implicitly cleared: true Default probable cause: testIdRangeMismatch (560)	Unspecified
Description: The alarm is raised when the 5620 SAM detects an STM test ID range mismatch between the primary and standby main servers.		
Remedial action: The configuration on the primary and standby servers must be aligned to resolve this problem. Please contact Alcatel-Lucent support for assistance.		

Table 41-800 STMTestsOutsideRange

Alarm	Attributes	Applicable major releases
Name: STMTestsOutsideRange (793) Type: oamAlarm (18) Package: sas Raised on class: sas.TestManager	Severity: major Implicitly cleared: false Default probable cause: testsOutsideRange (561)	Unspecified
Description: The alarm is raised when the 5620 SAM detects one or more STM Tests that have IDs outside the specified range.		
Remedial action: A configuration error has been made which must be corrected. The testId in a STM test definition must be within the testId range specified within the nms-server.xml file		

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Table 41-801 subHostInconsistentAtmTdOvr

Alarm	Attributes	Applicable major releases
Name: subHostInconsistentAtmTdOvr (3685) Type: configurationAlarm (11) Package: ressubscr Raised on class: ressubscr.ResidentialSubscriberInstance	Severity: minor Implicitly cleared: false Default probable cause: tmnxSubHostInconsistentAtmTdOvr (1424)	Unspecified
Description: The alarm is raised when an AAA server (e.g. a RADIUS server) specifies an ATM Traffic Descriptor override for a subscriber host while it has already specified another one for another host on the same ATM Virtual Circuit.		
Remedial action: Modify the AAA configuration so that all subscriber hosts sharing the same ATM Virtual circuit use the same ATM Traffic Descriptor Override VSA. If different overrides are required, then the subscribers must be in different ATM Virtual Circuits.		

Table 41-802 SubnetBindingFailed

Alarm	Attributes	Applicable major releases
Name: SubnetBindingFailed (4988) Type: processingErrorAlarm (81) Package: dhcp Raised on class: dhcp.AddressPool	Severity: major Implicitly cleared: false Default probable cause: tmnxDhcpSvrSubnetBindingFailed (2043)	Unspecified
Description: This alarm is raised when a DHCP server instance cannot offer an IP address to a host, because a subnet binding with its access node (service) is required but not available anymore in the pool.		
Remedial action: The configuration of the Local DHCP Server IP Address Pool and/or the access node (service) must be changed in order to make more subnets available.		

Table 41-803 SubnetFailCtrlError

Alarm	Attributes	Applicable major releases
Name: SubnetFailCtrlError (5156) Type: configurationAlarm (11) Package: dhcp Raised on class: dhcp.Subnet	Severity: major Implicitly cleared: false Default probable cause: leaseWithInconsistentFailoverConfiguration (2075)	Unspecified
Description: The alarm is raised each time a lease is created in a subnet with an inconsistent failover configuration		
Remedial action: A subnet lease has an inconsistent failover configuration, where the failover control type is not identical for all subnet ranges while the pool subnet binding key is not equal to 'none'. Please restore consistency of the failover control configuration for all subnet ranges in this subnet.		

Table 41-804 SubnetMinFreeExc

Alarm	Attributes	Applicable major releases
Name: SubnetMinFreeExc (516) Type: configurationAlarm (11) Package: dhcp Raised on class: dhcp.Subnet	Severity: warning Implicitly cleared: false Default probable cause: actualFreeAddrBelowSubnetMin (391)	Unspecified
Description: The alarm is raised when the actual number of free addresses in a subnet falls below the desired minimum number specified in the subnet configuration		
Remedial action: Please ensure that an adequate free address threshold is configured or create a new subnet to meet the system requirements. This warning is raised on IPv4 DHCP servers only.		

Table 41-805 SubnetMismatch

Alarm	Attributes	Applicable major releases
Name: SubnetMismatch (415) Type: configurationAlarm (11) Package: srrp Raised on class: srrp.Instance	Severity: major Implicitly cleared: true Default probable cause: ipAddressListMismatch (308)	Unspecified
Description: The alarm is raised when the IP address list received from the master does not match the local IP address list.		
Remedial action: Check the IP address of the Subscriber interface and make sure the address for the peer SRRP instances are in the same subnet.		

Table 41-806 SubRackBatteryFail

Alarm	Attributes	Applicable major releases
Name: SubRackBatteryFail (5426) Type: equipmentAlarm (3) Package: mpr Raised on class: mpr.SubRack	Severity: variable Implicitly cleared: true Default probable cause: batteryFail (457)	Unspecified
Description: The alarm is raised when the battery fails or is missing on SubRack.		
Remedial action: The battery on the subrack should be replaced or re-installed.		

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Table 41-807 SubRackSecondaryBatteryFail

Alarm	Attributes	Applicable major releases
Name: SubRackSecondaryBatteryFail (5427) Type: equipmentAlarm (3) Package: mpr Raised on class: mpr.SubRack	Severity: variable Implicitly cleared: true Default probable cause: secondaryBatteryFail (1412)	Unspecified
Description: The alarm is raised when a secondary battery failure is detected on SubRack.		
Remedial action: The battery on the subrack should be replaced or re-installed.		

Table 41-808 SubscrAuthPolicyMisconfigured (rtr)

Alarm	Attributes	Applicable major releases
Name: SubscrAuthPolicyMisconfigured (271) Type: ConfigurationAlarm (15) Package: rtr Raised on class: rtr.VirtualInterfaceConfiguration	Severity: warning Implicitly cleared: true Default probable cause: SubscrAuthPolicyNotFound (203)	Unspecified
Description: The alarm is raised when a subscriber authentication policy for DHCP relay is misconfigured.		
Remedial action: This alarm is raised on L2 and L3 access interfaces when the authentication policy specified for DHCP Relay does not exist. Please make sure to select an authentication policy that exists or to configure a new authentication policy with that name.		

Table 41-809 SubscrAuthPolicyMisconfigured (vpls)

Alarm	Attributes	Applicable major releases
Name: SubscrAuthPolicyMisconfigured (271) Type: ConfigurationAlarm (15) Package: vpls Raised on class: vpls.L2AccessIrfDhcpRelayCfg	Severity: warning Implicitly cleared: true Default probable cause: SubscrAuthPolicyNotFound (203)	Unspecified
Description: The alarm is raised when a subscriber authentication policy for DHCP relay is misconfigured.		
Remedial action: Check the local and global configuration for the subscriber authentication policy for DHCP relay.		

Table 41-810 SubscriberMisConfigured

Alarm	Attributes	Applicable major releases
Name: SubscriberMisConfigured (8141) Type: configurationAlarm (11) Package: service Raised on class: service.SvcResourceReservation	Severity: warning Implicitly cleared: true Default probable cause: subscriberMisConfigured (2537)	Unspecified
Description: This alarm is raised when the customer associated with a route target reservation entry has been modified, i.e., the customer name can be changed, or the customer is deleted.		
Remedial action: A configuration error has occurred which should be corrected. This customer associated with the Reserved VPRN Route Target Table has been modified.		

Table 41-811 SubSlaacOverride

Alarm	Attributes	Applicable major releases
Name: SubSlaacOverride (5414) Type: processingErrorAlarm (81) Package: service Raised on class: service.ServiceAccessPoint	Severity: major Implicitly cleared: true Default probable cause: subSlaacAddressOverlap (2122)	Unspecified
Description: The alarm is raised when an NE notifies the 5620 SAM that an IPv6 client requests a DHCPv6 non-temporary address (IA_NA) which overrides an existing SLAAC prefix that is assigned to a host. This configuration causes the SLAAC host to be removed from the system.		
Remedial action: Provide a non-overlapping IPv6 Address for the SLAAC host.		

Table 41-812 SubSlaacSetupFailure

Alarm	Attributes	Applicable major releases
Name: SubSlaacSetupFailure (3906) Type: processingErrorAlarm (81) Package: service Raised on class: service.ServiceAccessPoint	Severity: major Implicitly cleared: false Default probable cause: SubSlaacSetupFailure (1494)	Unspecified
Description: The alarm is raised when an NE notifies the 5620 SAM that it cannot create or update a SLAAC host in the tmnxSubSlaacTable.		
Remedial action: The alarm is raised when an NE notifies SAM that it cannot create or update a SLAAC host in the tmnxSubSlaacTable. Verify the service configuration.		

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Table 41-813 SubVirtualSubnetHostsDeleted

Alarm	Attributes	Applicable major releases
Name: SubVirtualSubnetHostsDeleted (5411) Type: configurationAlarm (11) Package: ressubscr Raised on class: ressubscr.ResidentialSubscriberInstance	Severity: warning Implicitly cleared: false Default probable cause: subVirtualSubnetHostsDeleted (2119)	Unspecified
Description: This alarm is raised when the NE deletes all existing hosts for a subscriber associated with a virtual subnet because a new default router and/or subnet were assigned. This is the consequence of a configuration change on the server that assigns the subnet.		
Remedial action: The hosts must transmit DHCP requests if they require a connection.		

Table 41-814 svcArpHostPopulateErr

Alarm	Attributes	Applicable major releases
Name: svcArpHostPopulateErr (3909) Type: processingErrorAlarm (81) Package: service Raised on class: service.AccessInterface	Severity: major Implicitly cleared: false Default probable cause: svcArpHostPopulateError (1496)	Unspecified
Description: The alarm is raised when an NE notifies the 5620 SAM that it cannot update the ARP Host table upon reception of an ARP message.		
Remedial action: The alarm is raised when an NE notifies the 5620 SAM that it cannot update the ARP Host table upon reception of an ARP message. Verify the service configuration. Additionally, verify the length of the auto-generated subscriber identification.		

Table 41-815 svcFdbMimDestTableFull

Alarm	Attributes	Applicable major releases
Name: svcFdbMimDestTableFull (588) Type: resourceAlarm (28) Package: netw Raised on class: netw.NetworkElement	Severity: warning Implicitly cleared: true Default probable cause: resourceLimitReached (131)	Unspecified
Description: The alarm is raised when the number of backbone MAC address indices on an NE reaches the maximum allowed value. The alarm clears when the number of backbone MAC address indices on the NE falls below 95 percent of the maximum allowed value.		
Remedial action: Informational		

Table 41-816 SWIncompatibility

Alarm	Attributes	Applicable major releases
Name: SWIncompatibility (471) Type: configurationAlarm (11) Package: equipment Raised on class: equipment.StackConfiguration	Severity: major Implicitly cleared: false Default probable cause: elementNotCompatibleWithExistingStack (357)	Unspecified
Description: The alarm is raised when a slot is not compatible with the current stack. The slot subsequently enters pass-through mode.		
Remedial action: Login to switch console, and install same software load on primary and secondary slot and synchronize them and reload switch.		

Table 41-817 SynchronizationLossOfSignal

Alarm	Attributes	Applicable major releases
Name: SynchronizationLossOfSignal (799) Type: communicationsAlarm (4) Package: equipment Raised on class: equipment.Shelf	Severity: major Implicitly cleared: true Default probable cause: lossOfSignal (99)	Unspecified
Description: The alarm is raised when an SLOS signal is detected on a PDH tributary.		
Remedial action: One of the following conditions exists on the referenced physical interface which must be corrected. A cable/fiber fault exists which must be corrected - check to ensure that the cable is not faulty and is properly connected. The port is faulty - run diagnostics on the port to determine the nature of the fault. If the problem cannot be resolved swap the card containing the port with a card which is known be functional.		

Table 41-818 SyncCertFailed

Alarm	Attributes	Applicable major releases
Name: SyncCertFailed (3912) Type: equipmentAlarm (3) Package: sitesec Raised on class: sitesec.SiteSystemSecurityPublicKey	Severity: major Implicitly cleared: true Default probable cause: SyncCertFailed (1498)	Unspecified
Description: The alarm is raised when the synchronization of certificate files between the primary and secondary CPMs is stopped due to errors.		
Remedial action: The synchronization of certificate files between the primary and secondary CPMs is stopped due to errors. Depending on the reason specified, corrective action should be taken		

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Table 41-819 synchroFailureAlarm

Alarm	Attributes	Applicable major releases
Name: synchroFailureAlarm (534) Type: softwareAlarm (19) Package: sw Raised on class: sw.SoftwareControlModule	Severity: major Implicitly cleared: false Default probable cause: synchroFailureAlarm (403)	Unspecified
Description: The alarm is raised when the flash card synchronization on an NE fails.		
Remedial action: The SW image on the NE may have been inadvertently corrupted. Download a new copy of the SW image to the NE. If the problem persists contact Alcatel-Lucent support for assistance.		

Table 41-820 SynchronizationSignalFailure

Alarm	Attributes	Applicable major releases
Name: SynchronizationSignalFailure (2944) Type: communicationsAlarm (4) Package: equipment Raised on class: equipment.Equipment	Severity: variable Implicitly cleared: true Default probable cause: synchronizationSignalFailure (1134)	Unspecified
Description: The alarm is raised when a synchronization signal failure is detected.		
Remedial action: Please refer to the 9500 Node Maintenance manual for remedial action information.		

Table 41-821 SystemModeChange

Alarm	Attributes	Applicable major releases
Name: SystemModeChange (1923) Type: equipmentAlarm (3) Package: optical Raised on class: optical.OpticalNeProperties	Severity: major Implicitly cleared: false Default probable cause: systemModeChange (923)	Unspecified
Description: The alarm is raised when an NE undergoes a system mode change, for example, from SONET to SDH mode. The alarm information includes the Site ID, old system mode value and new system mode value.		
Remedial action: Informational. The alarm is raised when an NE undergoes a system mode change, for ex. from SONET to SDH mode.		

Table 41-822 TChipMemoryError

Alarm	Attributes	Applicable major releases
Name: TChipMemoryError (5183) Type: hardwareAnomaly (55) Package: equipment Raised on class: equipment.BaseCard	Severity: minor Implicitly cleared: true Default probable cause: tchipMemoryParityError (2099)	Unspecified
Description: This Alarm is raised when a T-chip experiences an occurrence of an internal memory parity error.		
Remedial action: A fault has been detected in the hardware. If the problem persists please contact Alcatel-Lucent support for assistance.		

Table 41-823 TemporaryCommunicationFailure

Alarm	Attributes	Applicable major releases
Name: TemporaryCommunicationFailure (800) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.Equipment	Severity: variable Implicitly cleared: true Default probable cause: temporaryCommunicationProblem (566)	Unspecified
Description: The alarm is raised when a temporary communication failure is detected.		
Remedial action: 5620 SAM has temporarily lost contact with an NE. This may have been caused by the NE restarting, the NE being taken off-line via operator intervention or by a loss of connectivity to the NE. If the NE restarted then there will be an alarm indicating th		

Table 41-824 TestFailedAlarm (atm)

Alarm	Attributes	Applicable major releases
Name: TestFailedAlarm (3708) Type: oamAlarm (18) Package: atm Raised on class: atm.PvcConnection	Severity: major Implicitly cleared: true Default probable cause: networkDegradation (204)	Unspecified
Description: The alarm is raised when an OAM test on the object fails.		
Remedial action: Informational - if the alarm persists or is occurring frequently then investigation is required to understand why the underlying transport network is un-reliable.		

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Table 41-825 TestFailedAlarm (bgp)

Alarm	Attributes	Applicable major releases
Name: TestFailedAlarm (3708) Type: oamAlarm (18) Package: bgp Raised on class: bgp.Site	Severity: major Implicitly cleared: true Default probable cause: networkDegradation (204)	Unspecified
Description: The alarm is raised when an OAM test on the object fails.		
Remedial action: Informational - if the alarm persists or is occurring frequently then investigation is required to understand why the underlying transport network is un-reliable.		

Table 41-826 TestFailedAlarm (ethernetoam)

Alarm	Attributes	Applicable major releases
Name: TestFailedAlarm (3708) Type: oamAlarm (18) Package: ethernetoam Raised on class: ethernetoam.MaintAssociation	Severity: major Implicitly cleared: true Default probable cause: networkDegradation (204)	Unspecified
Description: The alarm is raised when an OAM test on the object fails.		
Remedial action: Informational - if the alarm persists or is occurring frequently then investigation is required to understand why the underlying transport network is un-reliable.		

Table 41-827 TestFailedAlarm (ldp)

Alarm	Attributes	Applicable major releases
Name: TestFailedAlarm (3708) Type: oamAlarm (18) Package: ldp Raised on class: ldp.Site	Severity: major Implicitly cleared: true Default probable cause: networkDegradation (204)	Unspecified
Description: The alarm is raised when an OAM test on the object fails.		
Remedial action: Informational - if the alarm persists or is occurring frequently then investigation is required to understand why the underlying transport network is un-reliable.		

Table 41-828 TestFailedAlarm (lte)

Alarm	Attributes	Applicable major releases
Name: TestFailedAlarm (3708) Type: oamAlarm (18) Package: lte Raised on class: lte.EPSPath	Severity: major Implicitly cleared: true Default probable cause: networkDegradation (204)	Unspecified
Description: The alarm is raised when TestFailedAlarm is raised for any test on this object.		
Remedial action: Informational - if the alarm persists or is occurring frequently then investigation is required to understand why the underlying transport network is un-reliable.		

Table 41-829 TestFailedAlarm (lteservice)

Alarm	Attributes	Applicable major releases
Name: TestFailedAlarm (3708) Type: oamAlarm (18) Package: lteservice Raised on class: lteservice.MobileService	Severity: major Implicitly cleared: true Default probable cause: networkDegradation (204)	Unspecified
Description: The alarm is raised when an OAM test on the object fails.		
Remedial action: Informational - if the alarm persists or is occurring frequently then investigation is required to understand why the underlying transport network is unreliable.		

Table 41-830 TestFailedAlarm (mirror)

Alarm	Attributes	Applicable major releases
Name: TestFailedAlarm (3708) Type: oamAlarm (18) Package: mirror Raised on class: mirror.Mirror	Severity: major Implicitly cleared: true Default probable cause: networkDegradation (204)	Unspecified
Description: The alarm is raised when an OAM test on the object fails.		
Remedial action: Informational - if the alarm persists or is occurring frequently then investigation is required to understand why the underlying transport network is unreliable.		

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Table 41-831 TestFailedAlarm (monpath)

Alarm	Attributes	Applicable major releases
Name: TestFailedAlarm (3708) Type: oamAlarm (18) Package: monpath Raised on class: monpath.MonitoredIpPath	Severity: major Implicitly cleared: true Default probable cause: networkDegradation (204)	Unspecified
Description: The alarm is raised when an OAM test on the object fails.		
Remedial action: Informational - if the alarm persists or is occurring frequently then investigation is required to understand why the underlying transport network is unreliable.		

Table 41-832 TestFailedAlarm (mpls)

Alarm	Attributes	Applicable major releases
Name: TestFailedAlarm (3708) Type: oamAlarm (18) Package: mpls Raised on class: mpls.Lsp	Severity: major Implicitly cleared: true Default probable cause: networkDegradation (204)	Unspecified
Description: The alarm is raised when an OAM test on the object fails.		
Remedial action: Informational - if the alarm persists or is occurring frequently then investigation is required to understand why the underlying transport network is unreliable.		

Table 41-833 TestFailedAlarm (mplstp)

Alarm	Attributes	Applicable major releases
Name: TestFailedAlarm (3708) Type: oamAlarm (18) Package: mplstp Raised on class: mplstp.TPLsp	Severity: major Implicitly cleared: true Default probable cause: networkDegradation (204)	Unspecified
Description: The alarm is raised when an OAM test on the object fails.		
Remedial action: Informational - if the alarm persists or is occurring frequently then investigation is required to understand why the underlying transport network is unreliable.		

Table 41-834 TestFailedAlarm (netw)

Alarm	Attributes	Applicable major releases
Name: TestFailedAlarm (3708) Type: oamAlarm (18) Package: netw Raised on class: netw.NetworkElement	Severity: major Implicitly cleared: true Default probable cause: networkDegradation (204)	Unspecified
Description: The alarm is raised when TestFailedAlarm is raised for any test on this object.		
Remedial action: Informational - if the alarm persists or is occurring frequently then investigation is required to understand why the underlying transport network is unreliable.		

Table 41-835 TestFailedAlarm (pim)

Alarm	Attributes	Applicable major releases
Name: TestFailedAlarm (3708) Type: oamAlarm (18) Package: pim Raised on class: pim.Site	Severity: major Implicitly cleared: true Default probable cause: networkDegradation (204)	Unspecified
Description: The alarm is raised when an OAM test on the object fails.		
Remedial action: Informational - if the alarm persists or is occurring frequently then investigation is required to understand why the underlying transport network is un-reliable.		

Table 41-836 TestFailedAlarm (rtr)

Alarm	Attributes	Applicable major releases
Name: TestFailedAlarm (3708) Type: oamAlarm (18) Package: rtr Raised on class: rtr.VirtualRouter	Severity: major Implicitly cleared: true Default probable cause: networkDegradation (204)	Unspecified
Description: The alarm is raised when an OAM test on the object fails.		
Remedial action: Informational - if the alarm persists or is occurring frequently then investigation is required to understand why the underlying transport network is unreliable.		

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Table 41-837 TestFailedAlarm (service)

Alarm	Attributes	Applicable major releases
Name: TestFailedAlarm (3708) Type: oamAlarm (18) Package: service Raised on class: service.SpokeConnector	Severity: major Implicitly cleared: true Default probable cause: networkDegradation (204)	Unspecified
Description: The alarm is raised when TestFailedAlarm is raised for any test on this object.		
Remedial action: Informational - if the alarm persists or is occurring frequently then investigation is required to understand why the underlying transport network is unreliable.		

Table 41-838 TestFailedAlarm (svt)

Alarm	Attributes	Applicable major releases
Name: TestFailedAlarm (3708) Type: oamAlarm (18) Package: svt Raised on class: svt.Tunnel	Severity: major Implicitly cleared: true Default probable cause: networkDegradation (204)	Unspecified
Description: The alarm is raised when an OAM test on the object fails.		
Remedial action: Informational - if the alarm persists or is occurring frequently then investigation is required to understand why the underlying transport network is unreliable.		

Table 41-839 TestFailedAlarm (vll)

Alarm	Attributes	Applicable major releases
Name: TestFailedAlarm (3708) Type: oamAlarm (18) Package: vll Raised on class: vll.Vll	Severity: major Implicitly cleared: true Default probable cause: networkDegradation (204)	Unspecified
Description: The alarm is raised when an OAM test on the object fails.		
Remedial action: Informational - if the alarm persists or is occurring frequently then investigation is required to understand why the underlying transport network is unreliable.		

Table 41-840 TestFailedAlarm (vpls)

Alarm	Attributes	Applicable major releases
Name: TestFailedAlarm (3708) Type: oamAlarm (18) Package: vpls Raised on class: vpls.AbstractVpls	Severity: major Implicitly cleared: true Default probable cause: networkDegradation (204)	Unspecified
Description: The alarm is raised when an OAM test on the object fails.		
Remedial action: Informational - if the alarm persists or is occurring frequently then investigation is required to understand why the underlying transport network is unreliable.		

Table 41-841 TestFailedAlarm (vprn)

Alarm	Attributes	Applicable major releases
Name: TestFailedAlarm (3708) Type: oamAlarm (18) Package: vprn Raised on class: vprn.Vprn	Severity: major Implicitly cleared: true Default probable cause: networkDegradation (204)	Unspecified
Description: The alarm is raised when an OAM test on the object fails.		
Remedial action: Informational - if the alarm persists or is occurring frequently then investigation is required to understand why the underlying transport network is unreliable.		

Table 41-842 TestFailedAlarm2 (atm)

Alarm	Attributes	Applicable major releases
Name: TestFailedAlarm2 (3739) Type: oamAlarm (18) Package: atm Raised on class: atm.VPCconnection	Severity: major Implicitly cleared: true Default probable cause: networkDegradation (204)	Unspecified
Description: The alarm is raised when an OAM test on the object fails.		
Remedial action: Informational - if the alarm persists or is occurring frequently then investigation is required to understand why the underlying transport network is un-reliable.		

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Table 41-843 TestFailedAlarm2 (ethernetoam)

Alarm	Attributes	Applicable major releases
Name: TestFailedAlarm2 (3739) Type: oamAlarm (18) Package: ethernetoam Raised on class: ethernetoam.Mep	Severity: major Implicitly cleared: true Default probable cause: networkDegradation (204)	Unspecified
Description: The alarm is raised when an OAM test on the object fails.		
Remedial action: Informational - if the alarm persists or is occurring frequently then investigation is required to understand why the underlying transport network is un-reliable.		

Table 41-844 TestFailedAlarm2 (Ite)

Alarm	Attributes	Applicable major releases
Name: TestFailedAlarm2 (3739) Type: oamAlarm (18) Package: Ite Raised on class: Ite.EPSPeer	Severity: major Implicitly cleared: true Default probable cause: networkDegradation (204)	Unspecified
Description: The alarm is raised when TestFailedAlarm is raised for any test on this object.		
Remedial action: Informational - if the alarm persists or is occurring frequently then investigation is required to understand why the underlying transport network is un-reliable.		

Table 41-845 TestFailedAlarm2 (mpls)

Alarm	Attributes	Applicable major releases
Name: TestFailedAlarm2 (3739) Type: oamAlarm (18) Package: mpls Raised on class: mpls.P2MPDynamicLsp	Severity: major Implicitly cleared: true Default probable cause: networkDegradation (204)	Unspecified
Description: The alarm is raised when an OAM test on the object fails.		
Remedial action: Informational - if the alarm persists or is occurring frequently then investigation is required to understand why the underlying transport network is unreliable.		

Table 41-846 TestFailedAlarm2 (rtr)

Alarm	Attributes	Applicable major releases
Name: TestFailedAlarm2 (3739) Type: oamAlarm (18) Package: rtr Raised on class: rtr.LDPTunnellInterface	Severity: major Implicitly cleared: true Default probable cause: networkDegradation (204)	Unspecified
Description: The alarm is raised when an OAM test on the object fails.		
Remedial action: Informational - if the alarm persists or is occurring frequently then investigation is required to understand why the underlying transport network is unreliable.		

Table 41-847 TestFailedAlarm2 (service)

Alarm	Attributes	Applicable major releases
Name: TestFailedAlarm2 (3739) Type: oamAlarm (18) Package: service Raised on class: service.Site	Severity: major Implicitly cleared: true Default probable cause: networkDegradation (204)	Unspecified
Description: The alarm is raised when TestFailedAlarm is raised for any test on this object.		
Remedial action: Informational - if the alarm persists or is occurring frequently then investigation is required to understand why the underlying transport network is unreliable.		

Table 41-848 TestFailedAlarm2 (svt)

Alarm	Attributes	Applicable major releases
Name: TestFailedAlarm2 (3739) Type: oamAlarm (18) Package: svt Raised on class: svt.SdpBinding	Severity: major Implicitly cleared: true Default probable cause: networkDegradation (204)	Unspecified
Description: The alarm is raised when an OAM test on the object fails.		
Remedial action: Informational - if the alarm persists or is occurring frequently then investigation is required to understand why the underlying transport network is unreliable.		

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Table 41-849 TestFailedAlarm3 (mpls)

Alarm	Attributes	Applicable major releases
Name: TestFailedAlarm3 (3886) Type: oamAlarm (18) Package: mpls Raised on class: mpls.LspPath	Severity: major Implicitly cleared: true Default probable cause: networkDegradation (204)	Unspecified
Description: The alarm is raised when an OAM test on the object fails.		
Remedial action: Informational - if the alarm persists or is occurring frequently then investigation is required to understand why the underlying transport network is unreliable.		

Table 41-850 TestFailedAlarm3 (service)

Alarm	Attributes	Applicable major releases
Name: TestFailedAlarm3 (3886) Type: oamAlarm (18) Package: service Raised on class: service.CompositeService	Severity: major Implicitly cleared: true Default probable cause: networkDegradation (204)	Unspecified
Description: The alarm is raised when an OAM test on the object fails.		
Remedial action: Informational - if the alarm persists or is occurring frequently then investigation is required to understand why the underlying transport network is unreliable.		

Table 41-851 TestFailureAlarm

Alarm	Attributes	Applicable major releases
Name: TestFailureAlarm (3903) Type: oamAlarm (18) Package: sas Raised on class: sas.Test	Severity: major Implicitly cleared: true Default probable cause: networkDegradation (204)	Unspecified
Description: This alarm is raised when a test failure trap is received from the node.		
Remedial action: Fix network connections issues.		

Table 41-852 TestThresholdExceededAlarm (atm)

Alarm	Attributes	Applicable major releases
Name: TestThresholdExceededAlarm (1154) Type: oamAlarm (18) Package: atm Raised on class: atm.PvcConnection	Severity: major Implicitly cleared: true Default probable cause: networkDegradation (204)	Unspecified
Description: The alarm is raised when SasThresholdExceededAlarm is raised for any test on this object.		
Remedial action: Informational - if the alarm persists or is occurring frequently then investigation is required to understand why the underlying transport network is un-reliable.		

Table 41-853 TestThresholdExceededAlarm (bgp)

Alarm	Attributes	Applicable major releases
Name: TestThresholdExceededAlarm (1154) Type: oamAlarm (18) Package: bgp Raised on class: bgp.Site	Severity: major Implicitly cleared: true Default probable cause: networkDegradation (204)	Unspecified
Description: The alarm is raised when SasThresholdExceededAlarm is raised for any test on this object.		
Remedial action: Informational - if the alarm persists or is occurring frequently then investigation is required to understand why the underlying transport network is un-reliable.		

Table 41-854 TestThresholdExceededAlarm (ethernetoam)

Alarm	Attributes	Applicable major releases
Name: TestThresholdExceededAlarm (1154) Type: oamAlarm (18) Package: ethernetoam Raised on class: ethernetoam.MaintAssociation	Severity: major Implicitly cleared: true Default probable cause: networkDegradation (204)	Unspecified
Description: The alarm is raised when SasThresholdExceededAlarm is raised for any test on this object.		
Remedial action: Informational - if the alarm persists or is occurring frequently then investigation is required to understand why the underlying transport network is un-reliable.		

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Table 41-855 TestThresholdExceededAlarm (ldp)

Alarm	Attributes	Applicable major releases
Name: TestThresholdExceededAlarm (1154) Type: oamAlarm (18) Package: ldp Raised on class: ldp.Site	Severity: major Implicitly cleared: true Default probable cause: networkDegradation (204)	Unspecified
Description: The alarm is raised when SasThresholdExceededAlarm is raised for any test on this object.		
Remedial action: Informational - if the alarm persists or is occurring frequently then investigation is required to understand why the underlying transport network is un-reliable.		

Table 41-856 TestThresholdExceededAlarm (lte)

Alarm	Attributes	Applicable major releases
Name: TestThresholdExceededAlarm (1154) Type: oamAlarm (18) Package: lte Raised on class: lte.EPSPath	Severity: major Implicitly cleared: true Default probable cause: networkDegradation (204)	Unspecified
Description: The alarm is raised when SasThresholdExceededAlarm is raised for any test on this object.		
Remedial action: Informational - if the alarm persists or is occurring frequently then investigation is required to understand why the underlying transport network is un-reliable.		

Table 41-857 TestThresholdExceededAlarm (lteservice)

Alarm	Attributes	Applicable major releases
Name: TestThresholdExceededAlarm (1154) Type: oamAlarm (18) Package: lteservice Raised on class: lteservice.MobileService	Severity: major Implicitly cleared: true Default probable cause: networkDegradation (204)	Unspecified
Description: The alarm is raised when SasThresholdExceededAlarm is raised for any test on this object.		
Remedial action: Informational - if the alarm persists or is occurring frequently then investigation is required to understand why the underlying transport network is unreliable.		

Table 41-858 TestThresholdExceededAlarm (mirror)

Alarm	Attributes	Applicable major releases
Name: TestThresholdExceededAlarm (1154) Type: oamAlarm (18) Package: mirror Raised on class: mirror.Mirror	Severity: major Implicitly cleared: true Default probable cause: networkDegradation (204)	Unspecified
Description: The alarm is raised when SasThresholdExceededAlarm is raised for any test on this object.		
Remedial action: Informational - if the alarm persists or is occurring frequently then investigation is required to understand why the underlying transport network is unreliable.		

Table 41-859 TestThresholdExceededAlarm (monpath)

Alarm	Attributes	Applicable major releases
Name: TestThresholdExceededAlarm (1154) Type: oamAlarm (18) Package: monpath Raised on class: monpath.MonitoredIpPath	Severity: major Implicitly cleared: true Default probable cause: networkDegradation (204)	Unspecified
Description: The alarm is raised when SasThresholdExceededAlarm is raised for any test on this object.		
Remedial action: Informational - if the alarm persists or is occurring frequently then investigation is required to understand why the underlying transport network is unreliable.		

Table 41-860 TestThresholdExceededAlarm (mpls)

Alarm	Attributes	Applicable major releases
Name: TestThresholdExceededAlarm (1154) Type: oamAlarm (18) Package: mpls Raised on class: mpls.Lsp	Severity: major Implicitly cleared: true Default probable cause: networkDegradation (204)	Unspecified
Description: The alarm is raised when SasThresholdExceededAlarm is raised for any test on this object.		
Remedial action: Informational - if the alarm persists or is occurring frequently then investigation is required to understand why the underlying transport network is unreliable.		

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Table 41-861 TestThresholdExceededAlarm (mplstp)

Alarm	Attributes	Applicable major releases
Name: TestThresholdExceededAlarm (1154) Type: oamAlarm (18) Package: mplstp Raised on class: mplstp.TPLsp	Severity: major Implicitly cleared: true Default probable cause: networkDegradation (204)	Unspecified
Description: The alarm is raised when SasThresholdExceededAlarm is raised for any test on this object.		
Remedial action: Informational - if the alarm persists or is occurring frequently then investigation is required to understand why the underlying transport network is unreliable.		

Table 41-862 TestThresholdExceededAlarm (netw)

Alarm	Attributes	Applicable major releases
Name: TestThresholdExceededAlarm (1154) Type: oamAlarm (18) Package: netw Raised on class: netw.NetworkElement	Severity: major Implicitly cleared: true Default probable cause: networkDegradation (204)	Unspecified
Description: The alarm is raised when SasThresholdExceededAlarm is raised for any test on this object.		
Remedial action: Informational - if the alarm persists or is occurring frequently then investigation is required to understand why the underlying transport network is unreliable.		

Table 41-863 TestThresholdExceededAlarm (pim)

Alarm	Attributes	Applicable major releases
Name: TestThresholdExceededAlarm (1154) Type: oamAlarm (18) Package: pim Raised on class: pim.Site	Severity: major Implicitly cleared: true Default probable cause: networkDegradation (204)	Unspecified
Description: The alarm is raised when SasThresholdExceededAlarm is raised for any test on this object.		
Remedial action: Informational - if the alarm persists or is occurring frequently then investigation is required to understand why the underlying transport network is un-reliable.		

Table 41-864 TestThresholdExceededAlarm (rtr)

Alarm	Attributes	Applicable major releases
Name: TestThresholdExceededAlarm (1154) Type: oamAlarm (18) Package: rtr Raised on class: rtr.VirtualRouter	Severity: major Implicitly cleared: true Default probable cause: networkDegradation (204)	Unspecified
Description: The alarm is raised when an OAM test on the object reports that the test threshold has been exceeded.		
Remedial action: Informational - if the alarm persists or is occurring frequently then investigation is required to understand why the underlying transport network is unreliable.		

Table 41-865 TestThresholdExceededAlarm (service)

Alarm	Attributes	Applicable major releases
Name: TestThresholdExceededAlarm (1154) Type: oamAlarm (18) Package: service Raised on class: service.SpokeConnector	Severity: major Implicitly cleared: true Default probable cause: networkDegradation (204)	Unspecified
Description: The alarm is raised when SasThresholdExceededAlarm is raised for any test on this object.		
Remedial action: Informational - if the alarm persists or is occurring frequently then investigation is required to understand why the underlying transport network is unreliable.		

Table 41-866 TestThresholdExceededAlarm (svt)

Alarm	Attributes	Applicable major releases
Name: TestThresholdExceededAlarm (1154) Type: oamAlarm (18) Package: svt Raised on class: svt.Tunnel	Severity: major Implicitly cleared: true Default probable cause: networkDegradation (204)	Unspecified
Description: The alarm is raised when SasThresholdExceededAlarm is raised for any test on this object.		
Remedial action: Informational - if the alarm persists or is occurring frequently then investigation is required to understand why the underlying transport network is unreliable.		

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Table 41-867 TestThresholdExceededAlarm (vlan)

Alarm	Attributes	Applicable major releases
Name: TestThresholdExceededAlarm (1154) Type: oamAlarm (18) Package: vlan Raised on class: vlan.Vlan	Severity: major Implicitly cleared: true Default probable cause: networkDegradation (204)	Unspecified
Description: The alarm is raised when SasThresholdExceededAlarm is raised for any test on this object.		
Remedial action: Informational - if the alarm persists or is occurring frequently then investigation is required to understand why the underlying transport network is unreliable.		

Table 41-868 TestThresholdExceededAlarm (vll)

Alarm	Attributes	Applicable major releases
Name: TestThresholdExceededAlarm (1154) Type: oamAlarm (18) Package: vll Raised on class: vll.Vll	Severity: major Implicitly cleared: true Default probable cause: networkDegradation (204)	Unspecified
Description: The alarm is raised when SasThresholdExceededAlarm is raised for any test on this object.		
Remedial action: Informational - if the alarm persists or is occurring frequently then investigation is required to understand why the underlying transport network is unreliable.		

Table 41-869 TestThresholdExceededAlarm (vpls)

Alarm	Attributes	Applicable major releases
Name: TestThresholdExceededAlarm (1154) Type: oamAlarm (18) Package: vpls Raised on class: vpls.AbstractVpls	Severity: major Implicitly cleared: true Default probable cause: networkDegradation (204)	Unspecified
Description: The alarm is raised when SasThresholdExceededAlarm is raised for any test on this object.		
Remedial action: Informational - if the alarm persists or is occurring frequently then investigation is required to understand why the underlying transport network is unreliable.		

Table 41-870 TestThresholdExceededAlarm (vprn)

Alarm	Attributes	Applicable major releases
Name: TestThresholdExceededAlarm (1154) Type: oamAlarm (18) Package: vprn Raised on class: vprn.Vprn	Severity: major Implicitly cleared: true Default probable cause: networkDegradation (204)	Unspecified
Description: The alarm is raised when SasThresholdExceededAlarm is raised for any test on this object.		
Remedial action: Informational - if the alarm persists or is occurring frequently then investigation is required to understand why the underlying transport network is unreliable.		

Table 41-871 TestThresholdExceededAlarm2 (atm)

Alarm	Attributes	Applicable major releases
Name: TestThresholdExceededAlarm2 (1918) Type: oamAlarm (18) Package: atm Raised on class: atm.VPConnection	Severity: major Implicitly cleared: true Default probable cause: networkDegradation (204)	Unspecified
Description: The alarm is raised when SasThresholdExceededAlarm is raised for any test on this object.		
Remedial action: Informational - if the alarm persists or is occurring frequently then investigation is required to understand why the underlying transport network is un-reliable.		

Table 41-872 TestThresholdExceededAlarm2 (ethernetoam)

Alarm	Attributes	Applicable major releases
Name: TestThresholdExceededAlarm2 (1918) Type: oamAlarm (18) Package: ethernetoam Raised on class: ethernetoam.Mep	Severity: major Implicitly cleared: true Default probable cause: networkDegradation (204)	Unspecified
Description: The alarm is raised when an OAM test on the object reports that the test threshold has been exceeded.		
Remedial action: Informational - if the alarm persists or is occurring frequently then investigation is required to understand why the underlying transport network is unreliable.		

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Table 41-873 TestThresholdExceededAlarm2 (lte)

Alarm	Attributes	Applicable major releases
Name: TestThresholdExceededAlarm2 (1918) Type: oamAlarm (18) Package: lte Raised on class: lte.EPSPeer	Severity: major Implicitly cleared: true Default probable cause: networkDegradation (204)	Unspecified
Description: The alarm is raised when SasThresholdExceededAlarm is raised for any test on this object.		
Remedial action: Informational - if the alarm persists or is occurring frequently then investigation is required to understand why the underlying transport network is un-reliable.		

Table 41-874 TestThresholdExceededAlarm2 (mpls)

Alarm	Attributes	Applicable major releases
Name: TestThresholdExceededAlarm2 (1918) Type: oamAlarm (18) Package: mpls Raised on class: mpls.P2MPDynamicLsp	Severity: major Implicitly cleared: true Default probable cause: networkDegradation (204)	Unspecified
Description: The alarm is raised when an OAM test on the object reports that the test threshold has been exceeded.		
Remedial action: Informational - if the alarm persists or is occurring frequently then investigation is required to understand why the underlying transport network is unreliable.		

Table 41-875 TestThresholdExceededAlarm2 (rtr)

Alarm	Attributes	Applicable major releases
Name: TestThresholdExceededAlarm2 (1918) Type: oamAlarm (18) Package: rtr Raised on class: rtr.LDPTunnelInterface	Severity: major Implicitly cleared: true Default probable cause: networkDegradation (204)	Unspecified
Description: The alarm is raised when SasThresholdExceededAlarm is raised for any test on this object.		
Remedial action: Informational - if the alarm persists or is occurring frequently then investigation is required to understand why the underlying transport network is unreliable.		

Table 41-876 TestThresholdExceededAlarm2 (service)

Alarm	Attributes	Applicable major releases
Name: TestThresholdExceededAlarm2 (1918) Type: oamAlarm (18) Package: service Raised on class: service.Site	Severity: major Implicitly cleared: true Default probable cause: networkDegradation (204)	Unspecified
Description: The alarm is raised when SasThresholdExceededAlarm is raised for any test on this object.		
Remedial action: Informational - if the alarm persists or is occurring frequently then investigation is required to understand why the underlying transport network is unreliable.		

Table 41-877 TestThresholdExceededAlarm2 (svt)

Alarm	Attributes	Applicable major releases
Name: TestThresholdExceededAlarm2 (1918) Type: oamAlarm (18) Package: svt Raised on class: svt.SdpBinding	Severity: major Implicitly cleared: true Default probable cause: networkDegradation (204)	Unspecified
Description: The alarm is raised when an OAM test on the object reports that the test threshold has been exceeded.		
Remedial action: Informational - if the alarm persists or is occurring frequently then investigation is required to understand why the underlying transport network is unreliable.		

Table 41-878 TestThresholdExceededAlarm3 (mpls)

Alarm	Attributes	Applicable major releases
Name: TestThresholdExceededAlarm3 (1919) Type: oamAlarm (18) Package: mpls Raised on class: mpls.LspPath	Severity: major Implicitly cleared: true Default probable cause: networkDegradation (204)	Unspecified
Description: The alarm is raised when an OAM test on the object reports that a test threshold is exceeded.		
Remedial action: Informational - if the alarm persists or is occurring frequently then investigation is required to understand why the underlying transport network is unreliable.		

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Table 41-879 TestThresholdExceededAlarm3 (service)

Alarm	Attributes	Applicable major releases
Name: TestThresholdExceededAlarm3 (1919) Type: oamAlarm (18) Package: service Raised on class: service.CompositeService	Severity: major Implicitly cleared: true Default probable cause: networkDegradation (204)	Unspecified
Description: The alarm is raised when SasThresholdExceededAlarm is raised for any test on this object.		
Remedial action: Informational - if the alarm persists or is occurring frequently then investigation is required to understand why the underlying transport network is unreliable.		

Table 41-880 ThresholdCrossingAlarmCard

Alarm	Attributes	Applicable major releases
Name: ThresholdCrossingAlarmCard (2097) Type: thresholdCrossed (6) Package: equipment Raised on class: equipment.BaseCard	Severity: warning Implicitly cleared: false Default probable cause: thresholdCrossed (12)	Unspecified
Description: The alarm is raised when a card value crosses a TCA threshold.		
Remedial action: A condition set when a counter exceeds a user-selected high or low threshold. A TCA does not generate an alarm but is available on demand through the CIT. Please refer 1830 PSS TroubleShooting guide for more details.		

Table 41-881 ThresholdCrossingAlarmOduk

Alarm	Attributes	Applicable major releases
Name: ThresholdCrossingAlarmOduk (4949) Type: thresholdCrossed (6) Package: oth Raised on class: oth.Oduk	Severity: warning Implicitly cleared: false Default probable cause: thresholdCrossed (12)	Unspecified
Description: The alarm is raised when a ODUK value crosses a TCA threshold.		
Remedial action: A condition set when a counter exceeds a user-selected high or low threshold. A TCA does not generate an alarm but is available on demand through the CIT. Please refer 1830 PSS TroubleShooting guide for more details.		

Table 41-882 ThresholdCrossingAlarmOtuk

Alarm	Attributes	Applicable major releases
Name: ThresholdCrossingAlarmOtuk (4950) Type: thresholdCrossed (6) Package: oth Raised on class: oth.Otuk	Severity: warning Implicitly cleared: false Default probable cause: thresholdCrossed (12)	Unspecified
Description: The alarm is raised when a OTUK value crosses a TCA threshold.		
Remedial action: A condition set when a counter exceeds a user-selected high or low threshold. A TCA does not generate an alarm but is available on demand through the CIT. Please refer 1830 PSS TroubleShooting guide for more details.		

Table 41-883 ThresholdCrossingAlarmPort

Alarm	Attributes	Applicable major releases
Name: ThresholdCrossingAlarmPort (2098) Type: thresholdCrossed (6) Package: equipment Raised on class: equipment.PhysicalPort	Severity: warning Implicitly cleared: false Default probable cause: thresholdCrossed (12)	Unspecified
Description: The alarm is raised when a port value crosses a TCA threshold.		
Remedial action: A condition set when a counter exceeds a user-selected high or low threshold. A TCA does not generate an alarm but is available on demand through the CIT. Please refer 1830 PSS TroubleShooting guide for more details.		

Table 41-884 ThresholdCrossingMDAResvCBSAlarm

Alarm	Attributes	Applicable major releases
Name: ThresholdCrossingMDAResvCBSAlarm (3626) Type: thresholdCrossed (6) Package: equipment Raised on class: equipment.DaughterCard	Severity: variable Implicitly cleared: true Default probable cause: thresholdCrossed (12)	Unspecified
Description: The alarm is raised when the reserved CBS of an MDA crosses a threshold.		
Remedial action: This alarm is raised when the traffic rates being received on an MDA are exceeding the amount of buffer allocated for the MDA in the committed burst size configuration parameter. In all probability the QoS being delivered by the MDA is degraded. Steps must be taken to shed traffic from the ports/links associated with the MDA.		

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Table 41-885 ThresholdCrossingPortResvCBSAlarm

Alarm	Attributes	Applicable major releases
Name: ThresholdCrossingPortResvCBSAlarm (3627) Type: thresholdCrossed (6) Package: equipment Raised on class: equipment.PhysicalPort	Severity: variable Implicitly cleared: true Default probable cause: thresholdCrossed (12)	Unspecified
Description: The alarm is raised when the reserved CBS of a port crosses a threshold.		
Remedial action: This alarm is raised when the traffic rates being received on a port are exceeding the amount of buffer allocated for the port in the committed burst size configuration parameter. In all probability the QoS being delivered by the port is degraded. Steps must be taken to shed traffic from the port in question..		

Table 41-886 TimeRefDisqualified

Alarm	Attributes	Applicable major releases
Name: TimeRefDisqualified (8072) Type: communicationsAlarm (4) Package: netw Raised on class: netw.Time	Severity: info Implicitly cleared: true Default probable cause: TimeRefDisqualified (2474)	Unspecified
Description: The alarm is raised when a system time input reference is disqualified.		
Remedial action: Informational- no corrective action required.		

Table 41-887 TimeRefSelect

Alarm	Attributes	Applicable major releases
Name: TimeRefSelect (8073) Type: communicationsAlarm (4) Package: netw Raised on class: netw.TimeSource	Severity: info Implicitly cleared: false Default probable cause: TimeRefSelect (2475)	Unspecified
Description: The alarm is raised when a system time input reference is selected.		
Remedial action: Informational - no corrective action required.		

Table 41-888 TimingHoldover

Alarm	Attributes	Applicable major releases
Name: TimingHoldover (734) Type: communicationsAlarm (4) Package: sonet Raised on class: sonet.SiteSync	Severity: major Implicitly cleared: true Default probable cause: timingHoldover (511)	Unspecified
Description: The alarm is raised when the timing of an NE is in the Holdover state.		
Raising condition: (('Status' EQUAL 'Master Holdover'))		
Clearing condition: (('Status' NOT EQUAL 'Master Holdover'))		
Remedial action: Informational only.		

Table 41-889 TimingReferenceOneNotQualified

Alarm	Attributes	Applicable major releases
Name: TimingReferenceOneNotQualified (545) Type: communicationsAlarm (4) Package: sonet Raised on class: sonet.SiteSync	Severity: minor Implicitly cleared: true Default probable cause: timingReferenceNotQualified (418)	Unspecified
Description: The alarm is raised when Timing Reference One on an NE is not in the Qualified state.		
Raising condition: (('Qualified For Use' EQUAL 'Not Qualified') AND ('Administrative State' NOT EQUAL 'Down'))		
Clearing condition: (('Qualified For Use' NOT EQUAL 'Not Qualified') OR ('Administrative State' EQUAL 'Down'))		
Remedial action: Make sure that Timing Reference One is qualified.		

Table 41-890 TimingReferenceTwoNotQualified

Alarm	Attributes	Applicable major releases
Name: TimingReferenceTwoNotQualified (546) Type: communicationsAlarm (4) Package: sonet Raised on class: sonet.SiteSync	Severity: minor Implicitly cleared: true Default probable cause: timingReferenceNotQualified (418)	Unspecified
Description: The alarm is raised when Timing Reference Two on an NE is not in the Qualified state.		
Raising condition: (('Qualified For Use' EQUAL 'Not Qualified') AND ('Administrative State' NOT EQUAL 'Down'))		
Clearing condition: (('Qualified For Use' NOT EQUAL 'Not Qualified') OR ('Administrative State' EQUAL 'Down'))		
Remedial action: Make sure that Timing Reference Two is qualified.		

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Table 41-891 TMNLossofSignal

Alarm	Attributes	Applicable major releases
Name: TMNLossofSignal (1920) Type: communicationsAlarm (4) Package: mpr Raised on class: mpr.MprTMN	Severity: variable Implicitly cleared: true Default probable cause: tmnLOS (920)	Unspecified
Description: The alarm is raised when a Loss of Signal occurs on the TMN Interface.		
Remedial action: Please refer to the 9500 Node Maintenance manual for remedial action information.		

Table 41-892 tmnxMcSyncClientAlarm

Alarm	Attributes	Applicable major releases
Name: tmnxMcSyncClientAlarm (423) Type: communicationsAlarm (4) Package: multichassis Raised on class: multichassis.PeerSynchronizationProtocol	Severity: warning Implicitly cleared: true Default probable cause: locallyDeletedEntryInMCSyncDatabase (407)	Unspecified
Description: The alarm is raised when a MC synchronization database entry is deleted locally.		
Remedial action: Informational only.		

Table 41-893 TooManyCpaaPerIsisArea

Alarm	Attributes	Applicable major releases
Name: TooManyCpaaPerIsisArea (385) Type: configurationAlarm (11) Package: topology Raised on class: topology.Cpaa	Severity: critical Implicitly cleared: true Default probable cause: tooManyCpaaPelsisArea (930)	Unspecified
Description: The alarm is raised when there are too many 7701 CPAA's for an ISIS L1 area.		
Remedial action: Check the configuration of CPAA and make sure there is at most one CPAA configured for an ISIS area within an administrative domain.		

Table 41-894 TopologyIsisSystemError

Alarm	Attributes	Applicable major releases
Name: TopologyIsisSystemError (373) Type: topologyAlarm (34) Package: topology Raised on class: topology.AutonomousSystem	Severity: major Implicitly cleared: true Default probable cause: isisSystemNotAdvertisingTeRouterId (272)	Unspecified
Description: The alarm is raised when an IS-IS topology system error is detected.		
Remedial action: Alarm contains the systemId of the router which is not advertising ISIS TE RouterId. User should either configure the ISIS TE routerId on the node or configure a routerId for that system in "ISIS System ID Mapping" menu. Configuring the routerId in systemID mapping will not clear the alarm.		

Table 41-895 TopologyMisconfigured

Alarm	Attributes	Applicable major releases
Name: TopologyMisconfigured (95) Type: configurationAlarm (11) Package: service Raised on class: service.Service	Severity: critical Implicitly cleared: true Default probable cause: topologyMisconfigured (81)	Unspecified
Description: This alarm is raised when service sites are not fully connected.		
Raising condition: ('topologyMisconfigured' EQUAL 'true')		
Clearing condition: ('topologyMisconfigured' EQUAL 'false')		
Remedial action: Connect the service sites with SDP Bindings, Vlan Uplinks, or PBB tunnels.		

Table 41-896 TPSAbnormalState

Alarm	Attributes	Applicable major releases
Name: TPSAbnormalState (3935) Type: tpsAbnormalConditionAlarm (115) Package: mpr Raised on class: mpr.MPRProtection	Severity: variable Implicitly cleared: true Default probable cause: TPSProblem (1518)	Unspecified
Description: The alarm is raised when abnormal state resulted due to force switch/lockout operation in TPS mode.		
Remedial action: This alarm is raised when forced-switch/lockout command in TPS mode which led to an abnormal condition.		

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Table 41-897 TrailDegrade

Alarm	Attributes	Applicable major releases
Name: TrailDegrade (8101) Type: communicationsAlarm (4) Package: optical Raised on class: optical.Trail	Severity: major Implicitly cleared: true Default probable cause: ProtectionDegrade (2499)	Unspecified
Description: The alarm is raised when either Trail Path of Protected Trail is Operationally down.		
Remedial action: Informational - If the alarm persists or is occurring frequently then investigation is required by looking at the active alarms on APS Group's work and protect TPs to understand why trail protection is degraded.		

Table 41-898 TrailPathDown

Alarm	Attributes	Applicable major releases
Name: TrailPathDown (5128) Type: communicationsAlarm (4) Package: optical Raised on class: optical.TrailPath	Severity: critical Implicitly cleared: true Default probable cause: OperationalStateDown (1963)	Unspecified
Description: The alarm is raised when the termination point(s) of the trail path are operationally down.		
Remedial action: Informational - If the alarm persists or is occurring frequently then investigation is required by looking at the active alarms on the hops to understand why the underlying transport network is unreliable.		

Table 41-899 TrailSignalFail

Alarm	Attributes	Applicable major releases
Name: TrailSignalFail (798) Type: communicationsAlarm (4) Package: bundle Raised on class: bundle.Interface	Severity: major Implicitly cleared: true Default probable cause: trailSignalFailure (565)	Unspecified
Description: The alarm is raised when a local or remote failure in an IMA group generates a Trail Signal Fail message.		
Remedial action: Please refer to the 9500 Node Maintenance manual for remedial action information.		

Table 41-900 TransportServerFailure

Alarm	Attributes	Applicable major releases
Name: TransportServerFailure (8104) Type: communicationsAlarm (4) Package: optical Raised on class: optical.TransportService	Severity: critical Implicitly cleared: true Default probable cause: UnderlyingServerDown (2502)	Unspecified
Description: The alarm is raised when any of the server trails in the service is operationally down		
Remedial action: Informational - If the alarm persists or is occurring frequently then investigation is required by looking at the active alarms on Server Trails to understand why transport service protection is unreliable.		

Table 41-901 TransportServiceDegrade

Alarm	Attributes	Applicable major releases
Name: TransportServiceDegrade (8105) Type: communicationsAlarm (4) Package: optical Raised on class: optical.TransportService	Severity: major Implicitly cleared: true Default probable cause: ProtectionDegrade (2499)	Unspecified
Description: The alarm is raised when either work or protect path of Protected Transport Service is operationally down		
Remedial action: Informational - If the alarm persists or is occurring frequently then investigation is required by looking at the active alarms on APS Group's work and protect TPs to understand why transport service protection is degraded.		

Table 41-902 TransportServiceDown

Alarm	Attributes	Applicable major releases
Name: TransportServiceDown (2906) Type: communicationsAlarm (4) Package: optical Raised on class: optical.TransportService	Severity: critical Implicitly cleared: true Default probable cause: OperationalStateDown (1963)	Unspecified
Description: The alarm is raised when: 1. The termination point(s) or VTS XC's of the service path(s) are operationally down. 2. There are missing VTS XC's in any of the service path(s) of this transport service.		
Remedial action: Informational - If the alarm persists or is occurring frequently then investigation is required by looking at the active alarms on the hops to understand why the underlying transport network is unreliable.		

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Table 41-903 TransportServicePathDown

Alarm	Attributes	Applicable major releases
Name: TransportServicePathDown (4402) Type: communicationsAlarm (4) Package: optical Raised on class: optical.ServicePath	Severity: critical Implicitly cleared: true Default probable cause: OperationalStateDown (1963)	Unspecified
Description: The alarm is raised when the termination point(s) of the service path are operationally down.		
Remedial action: Informational - If the alarm persists or is occurring frequently then investigation is required by looking at the active alarms on the hops to understand why the underlying transport network is unreliable.		

Table 41-904 TunnelOverbooked

Alarm	Attributes	Applicable major releases
Name: TunnelOverbooked (590) Type: resourceAlarm (28) Package: svt Raised on class: svt.Tunnel	Severity: warning Implicitly cleared: false Default probable cause: tunnelOverbooked (442)	Unspecified
Description: The alarm is raised when the allocated SDP binding bandwidth specified by sdpBookedBandwidth exceeds the sdpMaxBookableBandwidth value.		
Clearing condition: ('SDP Available Bandwidth' NOT EQUAL '0')		
Remedial action: Please set the maximum bookable bandwidth parameter to a more appropriate value or offload traffic from the SDP in question to another SDP.		

Table 41-905 TunnelSelBlacklistFull

Alarm	Attributes	Applicable major releases
Name: TunnelSelBlacklistFull (4626) Type: processingErrorAlarm (81) Package: l2tp Raised on class: l2tp.Site	Severity: major Implicitly cleared: true Default probable cause: tmnxL2tpTunnelSelBlacklistFull (1894)	Unspecified
Description: This alarm is raised when the number of tunnels and peers in the tunnel-selection-blacklist reaches the limit configured on the L2TP Site, and is cleared when the limit is no longer reached.		
Remedial action: Either increase Max List Length in Tunnel Selection Blacklist configuration or fix blacklisted tunnels or peers.		

Table 41-906 TwampReflectorAlarm

Alarm	Attributes	Applicable major releases
Name: TwampReflectorAlarm (8138) Type: oamAlarm (18) Package: sas Raised on class: sas.TWLSession	Severity: info Implicitly cleared: true Default probable cause: missingTwlReflectorConfiguration (2534)	Unspecified
Description: This alarm is raised when a Twamp-Light Session is configured without a matching Reflector Prefix.		
Remedial action: This alarm is raised when a Twamp-Light Session is configured without a matching Reflector Prefix.		

Table 41-907 TwampSrvInactivityTimeout

Alarm	Attributes	Applicable major releases
Name: TwampSrvInactivityTimeout (3319) Type: communicationsAlarm (4) Package: sas Raised on class: sas.TwampSrv	Severity: major Implicitly cleared: true Default probable cause: TWAMPServerInactivityTimeout (1158)	Unspecified
Description: The alarm is raised when a TWAMP control connection is disconnected by the TWAMP server due to the connection being inactive for a period exceeding the server's inactivity timeout, which generates a TWAMP Server InactivityTimeout notification.		
Remedial action: Verify the value of the inactivity-timeout parameter and modify it according to the operational needs.		

Table 41-908 TwampSrvMaxConnsExceeded

Alarm	Attributes	Applicable major releases
Name: TwampSrvMaxConnsExceeded (3320) Type: communicationsAlarm (4) Package: sas Raised on class: sas.TwampSrv	Severity: major Implicitly cleared: true Default probable cause: TWAMPServerMaxConnsExceeded (1159)	Unspecified
Description: The alarm is raised when the maximum number of concurrent TWAMP control connections for the server has been reached. [EFFECT] The TWAMP client cannot request test runs on the rejected connection. [RECOVERY] Configure the system-level maximum number of concurrent TWAMP control connections to a larger value, or disconnect any TWAMP control connection.'		
Remedial action: Verify the value of the max-conn-server parameter and modify it according to the operational needs.		

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Table 41-909 TwampSrvMaxSessExceeded

Alarm	Attributes	Applicable major releases
Name: TwampSrvMaxSessExceeded (3321) Type: communicationsAlarm (4) Package: sas Raised on class: sas.TwampSrv	Severity: major Implicitly cleared: true Default probable cause: TWAMPServerMaxSessExceeded (1160)	Unspecified
Description: The alarm is raised when the maximum number of concurrent TWAMP sessions for the server has been reached. [EFFECT] The TWAMP client cannot request test runs on the rejected session. [RECOVERY] Configure the system-level maximum number of concurrent TWAMP sessions to a larger value, or disconnect any TWAMP session.'		
Remedial action: Verify the max-sess-server parameter and modify it according to the operational needs.		

Table 41-910 TwampSrvPfxMaxConnsExceeded

Alarm	Attributes	Applicable major releases
Name: TwampSrvPfxMaxConnsExceeded (3322) Type: communicationsAlarm (4) Package: sas Raised on class: sas.TwampSrv	Severity: major Implicitly cleared: true Default probable cause: TWAMPServerPrefixMaxConnsExceeded (1161)	Unspecified
Description: The alarm is raised when the maximum number of concurrent TWAMP control connections for a TWAMP client prefix has been reached. [EFFECT] The TWAMP client cannot request test runs on the rejected connection. [RECOVERY] Configure the prefix's maximum number of concurrent TWAMP control connections to a larger value, or disconnect a TWAMP control connection which uses the prefix.		
Remedial action: Verify the max-conn-prefix parameter and modify it according to the operational needs.		

Table 41-911 TwampSrvPfxMaxSessExceeded

Alarm	Attributes	Applicable major releases
Name: TwampSrvPfxMaxSessExceeded (3323) Type: communicationsAlarm (4) Package: sas Raised on class: sas.TwampSrv	Severity: major Implicitly cleared: true Default probable cause: TWAMPServerPrefixMaxSessExceeded (1162)	Unspecified
Description: The alarm is raised when the maximum number of concurrent TWAMP sessions for a TWAMP client prefix has been reached. [EFFECT] The TWAMP client cannot request test runs on the rejected session. [RECOVERY] Configure the prefix's maximum number of concurrent TWAMP sessions to a larger value, or disconnect a TWAMP session which uses the prefix.'		
Remedial action: Verify the max sess-prefix parameter and modify it according to the operational needs.		

Table 41-912 TxFail

Alarm	Attributes	Applicable major releases
Name: TxFail (1175) Type: communicationsAlarm (4) Package: equipment Raised on class: equipment.Equipment	Severity: variable Implicitly cleared: true Default probable cause: txFail (876)	Unspecified
Description: The alarm is raised when a transmission failure is detected.		
Remedial action: Please refer to the 9500 Node Maintenance manual for remedial action information.		

Table 41-913 TxFailure

Alarm	Attributes	Applicable major releases
Name: TxFailure (3931) Type: communicationsAlarm (4) Package: equipment Raised on class: equipment.Port	Severity: major Implicitly cleared: true Default probable cause: txFail (876)	Unspecified
Description: The alarm is raised when a txFail (a fail of the Tx subfunction) defect raise.		
Remedial action: The alarm is raised when a txFail (a fail of the Tx subfunction) defect raise.		

Table 41-914 TxRetransmit

Alarm	Attributes	Applicable major releases
Name: TxRetransmit (266) Type: communicationsAlarm (4) Package: ospf Raised on classes: <ul style="list-style-type: none"> • ospf.ShamLink • ospf.VirtualLink 	Severity: warning Implicitly cleared: false Default probable cause: hello (47) Applicable probable causes: <ul style="list-style-type: none"> • hello • dbDescript • IsReq • IsUpdate • IsAck • nullPacket 	Unspecified
Description: The alarm is raised when an NE retransmits an OSPF packet on a non-virtual interface. The alarm information includes the NE ID of the OSPF neighbor.		
Remedial action: Informational - an NE retransmits an OSPF packet on a non-virtual interface. The alarm information includes the NE ID of the OSPF neighbor.		

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Table 41-915 TypeMismatch

Alarm	Attributes	Applicable major releases
Name: TypeMismatch (96) Type: configurationAlarm (11) Package: service Raised on class: service.Service	Severity: critical Implicitly cleared: true Default probable cause: serviceSiteTypeMisconfigured (82)	Unspecified
Description: The alarm is raised when a VLAN type for a Site doesn't match what has been configured on the Service.		
Raising condition: ('serviceTypeInconsistent' EQUAL 'true')		
Clearing condition: ('serviceTypeInconsistent' EQUAL 'false')		
Remedial action: Configure the VLAN subtype on the site same as the service VLAN subtype.		

Table 41-916 UDPPortAssignmentProblem

Alarm	Attributes	Applicable major releases
Name: UDPPortAssignmentProblem (8026) Type: processingErrorAlarm (81) Package: lte Raised on class: lte.CallTraceSessionManager	Severity: warning Implicitly cleared: true Default probable cause: configurationOrCustomizationError (902)	Unspecified
Description: This alarm is raised when a NE's TCE UDP port cannot be updated.		
Remedial action: Ensure the NE is managed, reachable and that no configuration operation is in progress on that NE and relaunch the operation.		

Table 41-917 UnavailableTime

Alarm	Attributes	Applicable major releases
Name: UnavailableTime (644) Type: communicationsAlarm (4) Package: equipment Raised on class: equipment.Port	Severity: variable Implicitly cleared: true Default probable cause: unavailableTime (480)	Unspecified
Description: The alarm is raised when a port experiences 10 consecutive SES.		
Remedial action: One of the following conditions exists on the referenced physical interface which must be corrected. A cable/fiber fault exists which must be corrected - check to ensure that the cable is not faulty and is properly connected. The port is faulty - run diagnostics on the port to determine the nature of the fault. If the problem cannot be resolved swap the card containing the port with a card which is known be functional.		

Table 41-918 UnconfiguredEquipmentPresent

Alarm	Attributes	Applicable major releases
Name: UnconfiguredEquipmentPresent (645) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.Equipment	Severity: variable Implicitly cleared: true Default probable cause: unconfiguredEquipmentPresent (481)	Unspecified
Description: The alarm is raised when unconfigured equipment is detected.		
Remedial action: A configuration error has occurred which must be corrected. The card slot has not been configured		

Table 41-919 UndefinedSchedulerReference

Alarm	Attributes	Applicable major releases
Name: UndefinedSchedulerReference (118) Type: configurationAlarm (11) Package: vs Raised on class: vs.ServiceTypeDefinition	Severity: warning Implicitly cleared: true Default probable cause: undefinedSchedulerReference (101)	Unspecified
Description: The alarm is raised when a queue specified in the access ingress or access egress policy of an L2 access interface is not referenced by the scheduler policy for the interface.		
Raising condition: (('numberReferences' > '0') AND ('numberOfDefinitions' EQUAL '0'))		
Clearing condition: (('numberReferences' EQUAL '0') OR ('numberOfDefinitions' > '0'))		
Remedial action: A queue specified in the access ingress/egress policy used by an L2 access interface is not referencing a scheduler policy. Ensure all required queues created in the access ingress/egress policy is referencing a scheduler.		

Table 41-920 UnderlyingResourceDegrade

Alarm	Attributes	Applicable major releases
Name: UnderlyingResourceDegrade (1176) Type: communicationsAlarm (4) Package: equipment Raised on class: equipment.Port	Severity: variable Implicitly cleared: true Default probable cause: underlyingResourceDegrade (877)	Unspecified
Description: The alarm is raised when degradation of an underlying radio interface resource is detected.		
Remedial action: Please refer to the 9500 Node Maintenance manual for remedial action information.		

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Table 41-921 UnderlyingResourceUnavailable

Alarm	Attributes	Applicable major releases
Name: UnderlyingResourceUnavailable (1131) Type: communicationsAlarm (4) Package: equipment Raised on class: equipment.Port	Severity: variable Implicitly cleared: true Default probable cause: underlyingResourceUnavailable (724)	Unspecified
Description: The alarm is raised when an underlying resource is unavailable on an E1, radio, or Ethernet interface.		
Remedial action: Please refer to the 9500 Node Maintenance manual for remedial action information.		

Table 41-922 UnderlyingResourceUnavailableService

Alarm	Attributes	Applicable major releases
Name: UnderlyingResourceUnavailableService (1177) Type: communicationsAlarm (4) Package: equipment Raised on class: equipment.Port	Severity: variable Implicitly cleared: true Default probable cause: underlyingResourceUnavailableService (878)	Unspecified
Description: The alarm is raised when an underlying E1, radio, or Ethernet interface resource service is unavailable.		
Remedial action: Please refer to the 9500 Node Maintenance manual for remedial action information.		

Table 41-923 UnmanagedMplsTpSDPTunnelSite

Alarm	Attributes	Applicable major releases
Name: UnmanagedMplsTpSDPTunnelSite (8147) Type: configurationAlarm (11) Package: svt Raised on class: svt.Tunnel	Severity: warning Implicitly cleared: true Default probable cause: unmanagedMplsTpSDPTunnelSite (2543)	Unspecified
Description: The alarm is raised when the MPLS-TP SDP Tunnel has configured with a non-managed site.		
Remedial action: Investigation is required to resolve the following possible scenarios: The far-end site at the MPLS-TP SDP Tunnel is non-managed Site. Please start to manage the NE with SAM or change the far-end site id to a correct MPLS-TP site at MPLS-TP SDP Tunnel form.		

Table 41-924 UnresolvedVirtualPortConfiguration

Alarm	Attributes	Applicable major releases
Name: UnresolvedVirtualPortConfiguration (4908) Type: virtualPortAlarm (133) Package: dctr Raised on class: dctr.AbstractVirtualPort	Severity: minor Implicitly cleared: true Default probable cause: UnableToResolveNetworkConfiguration (1965)	Unspecified
Description: The alarm is raised when VSD was not able to resolve network configuration for this virtual port. The virtual port will not be assigned an ip address and there is no service associated with it.		
Remedial action: This alarm can be cleared when VSD is able to resolve the network configuration of the virtual port. This notification reports that VSD cannot assign service objects to this virtual port. This could be one or more of the domain, zone, subnet, user, or permission are missing, mismatched or not properly configured in VSD. Please make sure the settings in VSD are correct for this virtual port.		

Table 41-925 UpgradeApplicationLockNotObtained

Alarm	Attributes	Applicable major releases
Name: UpgradeApplicationLockNotObtained (1964) Type: integrityViolation (85) Package: Ite Raised on class: Ite.ENBEquipment	Severity: warning Implicitly cleared: true Default probable cause: UnableToAcquireLock (949)	Unspecified
Description: This alarm is raised when the Software Upgrade Application is unable to acquire lock to start the operation. Retry the Software Upgrade Operation once the lock is released by the other application.		
Remedial action: Retry the Software Management Operation once the lock is released by the other application.		

Table 41-926 VersionMismatch (equipment)

Alarm	Attributes	Applicable major releases
Name: VersionMismatch (646) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.Equipment	Severity: variable Implicitly cleared: true Default probable cause: versionMismatch (405)	Unspecified
Description: The alarm is raised when an ODU software version mismatch is detected.		
Remedial action: Please refer to the 9500 Node Maintenance manual for remedial action information.		

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Table 41-927 VersionMismatch (mpr)

Alarm	Attributes	Applicable major releases
Name: VersionMismatch (646) Type: equipmentAlarm (3) Package: mpr Raised on class: mpr.SubRackElements	Severity: variable Implicitly cleared: true Default probable cause: versionMismatch (405)	Unspecified
Description: The alarm is raised when an ODU software version mismatch is detected.		
Remedial action: This alarm is raised when the software version on the MPT does not match the software version on the core. Please refer to the 9500 Node Maintenance manual for remedial action information.		

Table 41-928 VirtualLinkDbDescriptAuthFailure

Alarm	Attributes	Applicable major releases
Name: VirtualLinkDbDescriptAuthFailure (61) Type: authenticationAlarm (14) Package: ospf Raised on class: ospf.VirtualLink	Severity: warning Implicitly cleared: false Default probable cause: authTypeMismatch (45) Applicable probable causes: <ul style="list-style-type: none"> • authTypeMismatch • authFailure 	Unspecified
Description: The alarm is raised when an NE receives a dbDescript packet on a virtual link from an NE whose authentication key or authentication type conflicts with the local NE authentication key or authentication type.		
Remedial action: Informational - The alarm signifies that a dbDescript packet has been received on a virtual link from the network whose authentication key or authentication type conflicts with the local NE's configuration.		

Table 41-929 VirtualLinkDbDescriptConfig

Alarm	Attributes	Applicable major releases
Name: VirtualLinkDbDescriptConfig (55) Type: configurationAlarm (11) Package: ospf Raised on class: ospf.VirtualLink	Severity: warning Implicitly cleared: false Default probable cause: badVersion (35) Applicable probable causes: <ul style="list-style-type: none"> • badVersion • areaMismatch • unknownNbmaNbr • unknownVirtualNbr • netMaskMismatch • helloIntervalMismatch • deadIntervalMismatch • optionMismatch • mtuMismatch • noError • duplicateRouterId • ifAdminDown • ifPassive 	Unspecified
Description: The alarm is raised when an NE receives a dbDescript packet on a virtual link from an NE whose configuration parameters conflict with the local NE configuration parameters.		
Remedial action: Informational - The alarm signifies that a dbDescript packet has been received on a virtual link from the network whose configuration parameters conflict with the local NE's configurations.		

Table 41-930 VirtualLinkHelloAuthFailure

Alarm	Attributes	Applicable major releases
Name: VirtualLinkHelloAuthFailure (60) Type: authenticationAlarm (14) Package: ospf Raised on class: ospf.VirtualLink	Severity: warning Implicitly cleared: false Default probable cause: authTypeMismatch (45) Applicable probable causes: <ul style="list-style-type: none"> • authTypeMismatch • authFailure 	Unspecified
Description: The alarm is raised when an NE receives a hello packet on a virtual link from an NE whose authentication key or authentication type conflicts with the local NE authentication key or authentication type.		
Remedial action: Informational - The alarm signifies that a hello packet has been received on a virtual link from the network whose authentication key or authentication type conflicts with the local NE's configuration.		

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Table 41-931 VirtualLinkHelloConfig

Alarm	Attributes	Applicable major releases
Name: VirtualLinkHelloConfig (54) Type: configurationAlarm (11) Package: ospf Raised on class: ospf.VirtualLink	Severity: warning Implicitly cleared: false Default probable cause: badVersion (35) Applicable probable causes: <ul style="list-style-type: none"> • badVersion • areaMismatch • unknownNbmaNbr • unknownVirtualNbr • netMaskMismatch • helloIntervalMismatch • deadIntervalMismatch • optionMismatch • mtuMismatch • noError • duplicateRouterId • ifAdminDown • ifPassive 	Unspecified
Description: The alarm is raised when an NE receives a hello packet on a virtual link from an NE whose configuration parameters conflict with the local NE configuration parameters.		
Remedial action: Informational - The alarm signifies that a hello packet has been received on a virtual link from the network whose configuration parameters conflict with the local NE's configurations.		

Table 41-932 VirtualLinkLsAckAuthFailure

Alarm	Attributes	Applicable major releases
Name: VirtualLinkLsAckAuthFailure (64) Type: authenticationAlarm (14) Package: ospf Raised on class: ospf.VirtualLink	Severity: warning Implicitly cleared: false Default probable cause: authTypeMismatch (45) Applicable probable causes: <ul style="list-style-type: none"> • authTypeMismatch • authFailure 	Unspecified
Description: The alarm is raised when an NE receives an lsAck packet on a virtual link from an NE whose authentication key or authentication type conflicts with the local NE authentication key or authentication type.		
Remedial action: Informational - The alarm signifies that a lsAck packet has been received on a virtual link from the network whose authentication key or authentication type conflicts with the local NE's configuration.		

Table 41-933 VirtualLinkLsAckConfig

Alarm	Attributes	Applicable major releases
Name: VirtualLinkLsAckConfig (58) Type: configurationAlarm (11) Package: ospf Raised on class: ospf.VirtualLink	Severity: warning Implicitly cleared: false Default probable cause: badVersion (35) Applicable probable causes: <ul style="list-style-type: none"> • badVersion • areaMismatch • unknownNbmaNbr • unknownVirtualNbr • netMaskMismatch • helloIntervalMismatch • deadIntervalMismatch • optionMismatch • mtuMismatch • noError • duplicateRouterId • ifAdminDown • ifPassive 	Unspecified
Description: The alarm is raised when an NE receives an IsAck packet on a virtual link from an NE whose configuration parameters conflict with the local NE configuration parameters.		
Remedial action: Informational - The alarm signifies that a IsAck packet has been received on a virtual link from the network whose configuration parameters conflict with the local NE's configurations.		

Table 41-934 VirtualLinkLsReqAuthFailure

Alarm	Attributes	Applicable major releases
Name: VirtualLinkLsReqAuthFailure (62) Type: authenticationAlarm (14) Package: ospf Raised on class: ospf.VirtualLink	Severity: warning Implicitly cleared: false Default probable cause: authTypeMismatch (45) Applicable probable causes: <ul style="list-style-type: none"> • authTypeMismatch • authFailure 	Unspecified
Description: The alarm is raised when an NE receives an IsReq packet on a virtual link from an NE whose authentication key or authentication type conflicts with the local NE authentication key or authentication type.		
Remedial action: Informational - The alarm signifies that a IsReq packet has been received on a virtual link from the network whose authentication key or authentication type conflicts with the local NE's configuration.		

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Table 41-935 VirtualLinkLsReqConfig

Alarm	Attributes	Applicable major releases
Name: VirtualLinkLsReqConfig (56) Type: configurationAlarm (11) Package: ospf Raised on class: ospf.VirtualLink	Severity: warning Implicitly cleared: false Default probable cause: badVersion (35) Applicable probable causes: <ul style="list-style-type: none"> • badVersion • areaMismatch • unknownNbmaNbr • unknownVirtualNbr • netMaskMismatch • helloIntervalMismatch • deadIntervalMismatch • optionMismatch • mtuMismatch • noError • duplicateRouterId • ifAdminDown • ifPassive 	Unspecified
Description: The alarm is raised when an NE receives an IsReq packet on a virtual link from an NE whose configuration parameters conflict with the local NE configuration parameters.		
Remedial action: Informational - The alarm signifies that a IsReq packet has been received on a virtual link from the network whose configuration parameters conflict with the local NE's configurations.		

Table 41-936 VirtualLinkLsUpdateAuthFailure

Alarm	Attributes	Applicable major releases
Name: VirtualLinkLsUpdateAuthFailure (63) Type: authenticationAlarm (14) Package: ospf Raised on class: ospf.VirtualLink	Severity: warning Implicitly cleared: false Default probable cause: authTypeMismatch (45) Applicable probable causes: <ul style="list-style-type: none"> • authTypeMismatch • authFailure 	Unspecified
Description: The alarm is raised when an NE receives an IsReq packet on a virtual link from an NE whose authentication key or authentication type conflicts with the local NE authentication key or authentication type.		
Remedial action: Informational - The alarm signifies that a IsUpdate packet has been received on a virtual link from the network whose authentication key or authentication type conflicts with the local NE's configuration.		

Table 41-937 VirtualLinkLsUpdateConfig

Alarm	Attributes	Applicable major releases
Name: VirtualLinkLsUpdateConfig (57) Type: configurationAlarm (11) Package: ospf Raised on class: ospf.VirtualLink	Severity: warning Implicitly cleared: false Default probable cause: badVersion (35) Applicable probable causes: <ul style="list-style-type: none"> • badVersion • areaMismatch • unknownNbmaNbr • unknownVirtualNbr • netMaskMismatch • helloIntervalMismatch • deadIntervalMismatch • optionMismatch • mtuMismatch • noError • duplicateRouterId • ifAdminDown • ifPassive 	Unspecified
Description: The alarm is raised when an NE receives an LsUpdate packet on a virtual link from an NE whose configuration parameters conflict with the local NE configuration parameters.		
Remedial action: Informational - The alarm signifies that a LsUpdate packet has been received on a virtual link from the network whose configuration parameters conflict with the local NE's configurations.		

Table 41-938 VirtualLinkNullPacketAuthFailure

Alarm	Attributes	Applicable major releases
Name: VirtualLinkNullPacketAuthFailure (65) Type: authenticationAlarm (14) Package: ospf Raised on class: ospf.VirtualLink	Severity: warning Implicitly cleared: false Default probable cause: authTypeMismatch (45) Applicable probable causes: <ul style="list-style-type: none"> • authTypeMismatch • authFailure 	Unspecified
Description: The alarm is raised when an NE receives a null packet on a virtual link from an NE whose authentication key or authentication type conflicts with the local NE authentication key or authentication type.		
Remedial action: Informational - The alarm signifies that a null packet has been received on a virtual link which authentication key or authentication type conflicts with the local NE's configuration.		

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Table 41-939 VirtualLinkNullPacketConfig

Alarm	Attributes	Applicable major releases
Name: VirtualLinkNullPacketConfig (59) Type: configurationAlarm (11) Package: ospf Raised on class: ospf.VirtualLink	Severity: warning Implicitly cleared: false Default probable cause: badVersion (35) Applicable probable causes: <ul style="list-style-type: none"> • badVersion • areaMismatch • unknownNbmaNbr • unknownVirtualNbr • netMaskMismatch • helloIntervalMismatch • deadIntervalMismatch • optionMismatch • mtuMismatch • noError • duplicateRouterId • ifAdminDown • ifPassive 	Unspecified
Description: The alarm is raised when an NE receives a null packet on a virtual link from an NE whose configuration parameters conflict with the local NE configuration parameters.		
Remedial action: Informational - The alarm signifies that a null packet has been received on a virtual link which configuration parameters conflict with the local NE's configurations.		

Table 41-940 VirtualLinkRxBadPacket

Alarm	Attributes	Applicable major releases
Name: VirtualLinkRxBadPacket (66) Type: communicationsAlarm (4) Package: ospf Raised on class: ospf.VirtualLink	Severity: warning Implicitly cleared: false Default probable cause: hello (47) Applicable probable causes: <ul style="list-style-type: none"> • hello • dbDescript • lsReq • lsUpdate • lsAck • nullPacket 	Unspecified
Description: The alarm is raised when an NE cannot parse an OSPF packet that it receives on a virtual interface.		
Remedial action: Informational - an NE cannot parse an OSPF packet that it receives on a virtual interface.		

Table 41-941 VirtualMachineDown

Alarm	Attributes	Applicable major releases
Name: VirtualMachineDown (4909) Type: vmAlarm (134) Package: dctr Raised on class: dctr.VirtualMachine	Severity: info Implicitly cleared: true Default probable cause: VirtualMachineShutDownOrDeletedOrCrashed (1966)	Unspecified
Description: The alarm is raised when VM is shutdown.		
Remedial action: This alarm can be cleared when virtual machine is up.		

Table 41-942 VirtualMachineSuspended

Alarm	Attributes	Applicable major releases
Name: VirtualMachineSuspended (4911) Type: vmAlarm (134) Package: dctr Raised on class: dctr.VirtualMachine	Severity: info Implicitly cleared: true Default probable cause: UserInitiatedOrRequiredResourceIdBeingBlocked (1968)	Unspecified
Description: The alarm is raised when VM state changes to Paused on this object.		
Raising condition: (('Virtual Machine State' EQUAL 'Paused'))		
Clearing condition: (('Virtual Machine State' NOT EQUAL 'Paused'))		
Remedial action: This alarm can be cleared when the virtual machine is resumed.		

Table 41-943 VirtualPortDown

Alarm	Attributes	Applicable major releases
Name: VirtualPortDown (5434) Type: virtualPortAlarm (133) Package: dctr Raised on class: dctr.AbstractVirtualPort	Severity: info Implicitly cleared: true Default probable cause: VirtualPortDownOrDeleted (2135)	Unspecified
Description: The alarm is raised when VP is shutdown.		
Remedial action: This alarm can be cleared when virtual port is up.		

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Table 41-944 VirtualRouterDown

Alarm	Attributes	Applicable major releases
Name: VirtualRouterDown (277) Type: configurationAlarm (11) Package: vrrp Raised on class: vrrp.VrrpVirtualRouter	Severity: major Implicitly cleared: true Default probable cause: virtualRouterDown (210)	Unspecified
Description: The alarm is raised when the aggregated Operational State of a VR is Down.		
Raising condition: (('Aggregated Operational State' EQUAL 'Down'))		
Clearing condition: (('Aggregated Operational State' NOT EQUAL 'Down'))		
Remedial action: Check the configuration of both VRRP instances for the VRRP virtual router.		

Table 41-945 VirtualSwitchControllerDown

Alarm	Attributes	Applicable major releases
Name: VirtualSwitchControllerDown (4912) Type: virtualSwitchControllerAlarm (135) Package: dctr Raised on class: dctr.VirtualSwitchController	Severity: major Implicitly cleared: true Default probable cause: ControllerNotOperationallyUp (1969)	Unspecified
Description: The alarm is raised when Virtual Switch Controller is not operationally up.		
Raising condition: (('Operational State' EQUAL 'Down'))		
Clearing condition: (('Operational State' EQUAL 'Up'))		
Remedial action: This alarm can be cleared when virtual switch controller is operationally up.		

Table 41-946 VirtualSwitchDown

Alarm	Attributes	Applicable major releases
Name: VirtualSwitchDown (4913) Type: virtualSwitchAlarm (136) Package: dctr Raised on class: dctr.AbstractVirtualSwitchGlobal	Severity: major Implicitly cleared: true Default probable cause: ControllerDownOrPhysicalPortDownOrInterfaceDown (1970)	Unspecified
Description: The alarm is raised when Openflow session to the virtual switch is lost.		
Remedial action: This alarm can be cleared when virtual switch is operationally up.		

Table 41-947 VirtualSwitchIpAddressDuplicated

Alarm	Attributes	Applicable major releases
Name: VirtualSwitchIpAddressDuplicated (5435) Type: virtualSwitchAlarm (136) Package: dctr Raised on class: dctr.AbstractVirtualSwitchGlobal	Severity: critical Implicitly cleared: false Default probable cause: VirtualSwitchIpAddressMisConfiguration (2136)	Unspecified
Description: The alarm is raised when more than one virtual switches in the same domain have the same ip address. Virtual switches that are not belong or have not been associated to any domain are considered to be in 'undefined' domain.		
Remedial action: This might have caused by a network configuration. Please check the status of the Admin Domain and/or the Virtual Switch ip address and controller state. Please make sure the CPAA is managed, Admin Domain is operational, then unmanage the node with duplicate virtual switch ip address and remanage it again. This alarm must be cleared manually.		

Table 41-948 VirtVpnBGPPrefixConflict

Alarm	Attributes	Applicable major releases
Name: VirtVpnBGPPrefixConflict (5431) Type: virtualPortAlarm (133) Package: dctr Raised on class: dctr.VirtualPort	Severity: major Implicitly cleared: true Default probable cause: DuplicateVswNextHop_VmExistsOnTwoLocations (2132)	Unspecified
Description: The alarm is raised when routes or service context could be stuck in compute or the network.		
Remedial action: Routes or service context could be stuck in compute or the network. Reapply compute or network policies to reset the network attachment.		

Table 41-949 VirtVpnBGPPrefixUnreachable

Alarm	Attributes	Applicable major releases
Name: VirtVpnBGPPrefixUnreachable (5432) Type: virtualPortAlarm (133) Package: dctr Raised on class: dctr.VirtualPort	Severity: major Implicitly cleared: true Default probable cause: VportCannotBeReachedFromBgpVpn (2133)	Unspecified
Description: The alarm is raised when there is no route for the VPN regardless of routing on the virtual port.		
Remedial action: There is no route for the VPN regardless of routing on the virtual port. This may be an RR/VSC policy issue or internal VSD policy issue; e.g. no route assigned.		

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Table 41-950 VirtVpnBGPPrefixWithdrawnNotReceived

Alarm	Attributes	Applicable major releases
Name: VirtVpnBGPPrefixWithdrawnNotReceived (5433) Type: virtualPortAlarm (133) Package: dctr Raised on class: dctr.VirtualPort	Severity: major Implicitly cleared: true Default probable cause: VportAddressMismatchWithBgpRoute (2134)	Unspecified
Description: The alarm is raised when there is no route on virtual port whereas BGP RIB has a route or routes which do not match.		
Remedial action: There is no route on virtual port whereas BGP RIB has a route or routes which do not match. Check compute and Nuage virtualization policies.		

Table 41-951 VlanPathModified (mpr)

Alarm	Attributes	Applicable major releases
Name: VlanPathModified (3936) Type: communicationsAlarm (4) Package: mpr Raised on class: mpr.MprVII	Severity: minor Implicitly cleared: true Default probable cause: PathChanged (1519)	Unspecified
Description: The alarm is raised when a cross connect/VLAN element of a service is changed to different network port.		
Remedial action: Informational - If VLAN Path changed.alarmRemedialAction.mpr.		

Table 41-952 VlanPathModified (vlan)

Alarm	Attributes	Applicable major releases
Name: VlanPathModified (3936) Type: communicationsAlarm (4) Package: vlan Raised on class: vlan.Vlan	Severity: minor Implicitly cleared: true Default probable cause: PathChanged (1519)	Unspecified
Description: The alarm is raised when a cross connect/VLAN element of a service is changed to different network port.		
Remedial action: Informational - if the VLAN Path Changed.		

Table 41-953 VlanSubTypeConflict

Alarm	Attributes	Applicable major releases
Name: VlanSubTypeConflict (227) Type: configurationAlarm (11) Package: vlan Raised on class: vlan.Vlan	Severity: major Implicitly cleared: true Default probable cause: topologyMisconfigured (81)	Unspecified
Description: The alarm is raised when more than one type of VLAN service has the same VLAN ID. The alarm is raised against a service.		
Raising condition: ('vlanSubTypeConflict' EQUAL 'true')		
Clearing condition: ('vlanSubTypeConflict' EQUAL 'false')		
Remedial action: Ensure that the VLAN Subtype of the Site matches the VLAN Subtype of the Service.		

Table 41-954 VlanUplinkDown

Alarm	Attributes	Applicable major releases
Name: VlanUplinkDown (1146) Type: VlanUplinkAlarm (89) Package: service Raised on class: service.VlanUplink	Severity: major Implicitly cleared: true Default probable cause: VlanUplinkDown (852)	Unspecified
Description: The alarm is raised when a VLAN uplink is operationally down.		
Raising condition: (('Aggregation Operational State' EQUAL 'Partially Down') OR ('Aggregation Operational State' EQUAL 'Down'))		
Clearing condition: (('Aggregation Operational State' NOT EQUAL 'Partially Down') AND ('Aggregation Operational State' NOT EQUAL 'Down'))		
Remedial action: Check the underlying physical link for the SAPs.		

Table 41-955 VlanUplinkNotCreated

Alarm	Attributes	Applicable major releases
Name: VlanUplinkNotCreated (1147) Type: VlanUplinkAlarm (89) Package: service Raised on class: service.Service	Severity: major Implicitly cleared: true Default probable cause: VlanUplinkNotCreated (853)	Unspecified
Description: The alarm is raised when an expected VLAN uplink does not exist.		
Remedial action: Make sure the two participating ports which hold the uplink SAPs of the service are physically connected and operationally up. And make sure a physical link is created and is operationally up either by enabling LLDP or manually creating a physical link between those ports. If the physical link already exists and operationally up, make sure the uplink SAPs has been created with matching encapsulation values, in case the uplink SAPs has already been created with different encapsulation values, please delete those uplink SAPs and create the uplink SAPs with same encapsulation values.		

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Table 41-956 VoiceChannelLoopback

Alarm	Attributes	Applicable major releases
Name: VoiceChannelLoopback (1148) Type: configurationAlarm (11) Package: tdmequipment Raised on class: tdmequipment.VoiceChannelSpecifics	Severity: warning Implicitly cleared: true Default probable cause: voiceChannelLoopback (854)	Unspecified
Description: The alarm is raised when an NE reports that a voice channel has a loopback alarm condition.		
Remedial action: Informational only.		

Table 41-957 vPortHostMatchFailure

Alarm	Attributes	Applicable major releases
Name: vPortHostMatchFailure (3628) Type: configurationAlarm (11) Package: equipment Raised on class: equipment.Port	Severity: major Implicitly cleared: false Default probable cause: tPortEgrVPortHostMatchFailure (1413)	Unspecified
Description: The alarm is raised when a host match lookup fails to resolve the egress virtual port.		
Remedial action: This alarm is raised when the subscriber host with an intermediate destination ID that does not match the host-match destination set under the V-port. Modify the intermediate destination ID of the subscriber host to match the host-match defined in the v-port; Or modify the host-match destination ID to match the intermediate destination ID of the subscriber host.		

Table 41-958 VprnTypeMismatched

Alarm	Attributes	Applicable major releases
Name: VprnTypeMismatched (8149) Type: configurationAlarm (11) Package: vprn Raised on class: vprn.Vprn	Severity: major Implicitly cleared: false Default probable cause: vprnTypeMismatched (2545)	Unspecified
Description: The alarm is raised when the newly created VPRN Site has a VPRN type that is of a different topology from existing VPRN Sites of the service, i.e, mesh vs hub/spoke, or vice versa.		
Remedial action: A configuration error has occurred which should be corrected. The VPRN type of the created site is of a different topology type from the existing VPRN Sites of the service, i.e., mesh and hub/spoke sites shall not be mixed in the same service. The service shall be deleted and re-created with consistent type.		

Table 41-959 VSiteServiceImpacted

Alarm	Attributes	Applicable major releases
Name: VSiteServiceImpacted (5430) Type: serviceAlarm (16) Package: dctr Raised on class: dctr.AbstractVirtualSite	Severity: info Implicitly cleared: true Default probable cause: VirtualPortReachability (2131)	Unspecified
Description: The alarm is raised on the VSite object when there is an alarm on VPort that affects service.		
Remedial action: One or more virtual ports are down or have BGP reachability problem such as stuck or unreachable prefix. This alarm can be cleared when the corresponding alarms on virtual ports are cleared.		

Table 41-960 VwmShelfCardRemoved

Alarm	Attributes	Applicable major releases
Name: VwmShelfCardRemoved (5661) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.VWMCARDSlot	Severity: major Implicitly cleared: true Default probable cause: VwmShelfCardRemoved (2438)	Unspecified
Description: The alarm is raised when a vwm card is removed.		
Remedial action: Informational - a vwm shelf card has been removed from the NE		

Table 41-961 VwmShelfMismatch

Alarm	Attributes	Applicable major releases
Name: VwmShelfMismatch (4941) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.VwmShelf	Severity: major Implicitly cleared: true Default probable cause: VwmShelfMismatch (2000)	Unspecified
Description: The alarm is raised when the configured vwm shelf id is different than the equipped vwm shelf.		
Remedial action: This alarm is raised when the detected VWM shelf id does not match the provisioned id. Please follow the below steps to clear this alarm: a. Check the id on the rotary dial on the VWM SHelf. b. Use any of the following commands to clear the alarm. c. To change the VWM shelf id("config system vwm-shelf <shelf-id> . d. To delete an existing shelf("config system no vwm-shelf <shelf-id>").		

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Table 41-962 VwmShelfRemoved

Alarm	Attributes	Applicable major releases
Name: VwmShelfRemoved (4942) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.VwmShelf	Severity: major Implicitly cleared: true Default probable cause: VwmShelfRemoved (2001)	Unspecified
Description: The alarm is raised when a vwm shelf is removed.		
Remedial action: Informational - a vwm shelf has been removed from the NE		

Table 41-963 WlanGwTuQosProblem

Alarm	Attributes	Applicable major releases
Name: WlanGwTuQosProblem (3915) Type: resourceAlarm (28) Package: wlangw Raised on class: wlangw.IsaMember	Severity: minor Implicitly cleared: true Default probable cause: resourceFull (53)	Unspecified
Description: The alarm is raised when a resource issue occurs while creating a WLAN Gateway tunnel QoS infrastructure instance.		
Remedial action: This may be a temporary phenomenon. If it persists, the QoS configuration or the scaling may have to be modified to ensure enough resources are available for the UE QoS.		

Table 41-964 WMMPMFileNotificationMissing

Alarm	Attributes	Applicable major releases
Name: WMMPMFileNotificationMissing (5387) Type: communicationsAlarm (4) Package: Itemme Raised on class: Itemme.MmeInstance	Severity: critical Implicitly cleared: false Default probable cause: PMFileNotificationMissing (2105)	Unspecified
Description: This alarm is raised when a PM File notification is expected from the node, but has not been received after a certain period of time.		
Remedial action: SAM has not received a PM File notification from the node, and may have missed retrieving PM Files. Ensure that the node has PMEnabled and PMFileEvent values set to true. Ensure a PM job is active with an intended schedule. If the problem persists please contact Alcatel-Lucent support for assistance. This alarm notification can be turned off under the General tab in the MME Instance.		

Table 41-965 WMMUEOccupiedSlotsExceeded

Alarm	Attributes	Applicable major releases
Name: WMMUEOccupiedSlotsExceeded (5050) Type: communicationsAlarm (4) Package: Itemme Raised on class: Itemme.MmeInstance	Severity: info Implicitly cleared: false Default probable cause: ThresholdExceeded (2052)	Unspecified
Description: The alarm is raised when the number of WMM UE Occupied Slots exceeds the threshold that has been set by the operator.		
Raising condition: (('WMM UE Occupied Slots Threshold' NOT EQUAL '0L') AND ('WMM UE Occupied Slots' > 'WMM UE Occupied Slots Threshold'))		
Remedial action: Informational - no corrective action required.		

Table 41-966 WppHostAuthenticationFailed

Alarm	Attributes	Applicable major releases
Name: WppHostAuthenticationFailed (3916) Type: processingErrorAlarm (81) Package: wpp Raised on class: wpp.Portal	Severity: major Implicitly cleared: false Default probable cause: portalWppHostAuthenticationFailure (1501)	Unspecified
Description: The alarm is raised when a WPP host cannot be authenticated.		
Remedial action: The recovery action will depend on the exact failure cause as given by the failureReason.		

Table 41-967 WppPortalUnreachable

Alarm	Attributes	Applicable major releases
Name: WppPortalUnreachable (5421) Type: ProtocolAlarm (1) Package: wpp Raised on class: wpp.Portal	Severity: minor Implicitly cleared: false Default probable cause: protocolDown (1)	Unspecified
Description: This alarm is raised when WPP protocol messages are sent out after a node is restarted but no route to the web portal is available. This notification is sent every minute while the portal remains unreachable up to a certain time. After that, all WPP messages to that portal are dropped.		
Remedial action: Initially no recovery is required as it is expected that the WPP portal can be unreachable for some time after a node restart. When the problem remains, the operator should check the routing table.		

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Table 41-968 XPICCableLoss

Alarm	Attributes	Applicable major releases
Name: XPICCableLoss (4851) Type: communicationsAlarm (4) Package: mwa Raised on class: mwa.PortTermination	Severity: variable Implicitly cleared: true Default probable cause: DemodulatorXPICLossOfSignal (1928)	Unspecified
Description: The alarm is raised when a MPT detects a XPIC plug-in cable loss		
Remedial action: Please refer to either 9500 or 7705 Node Maintenance manual for remedial action information.		

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